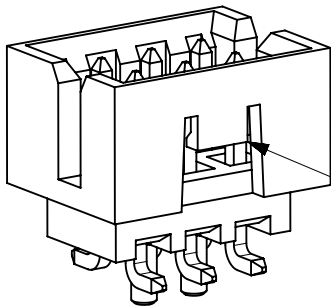
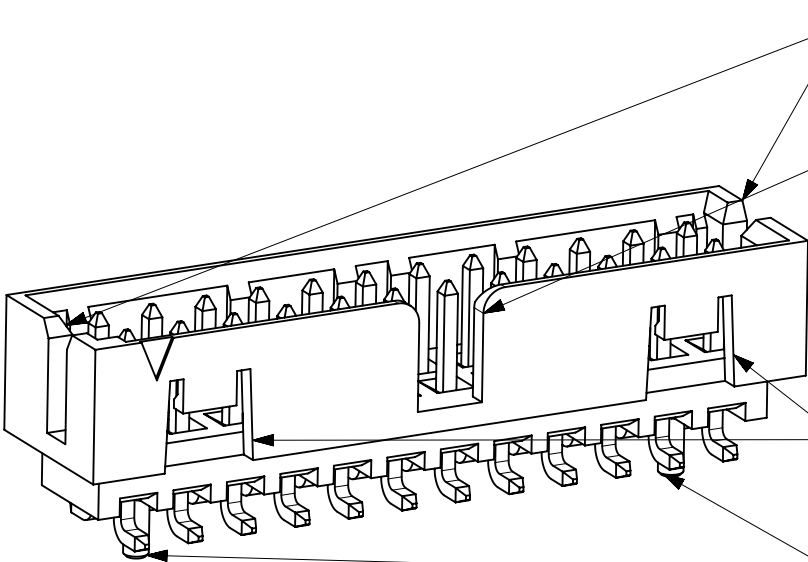


FEATURES SELECTION GUIDE



2 CENTER LOCK



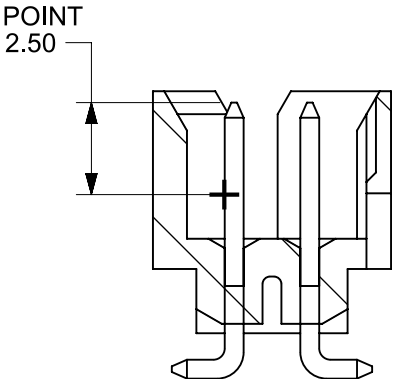
3 DUAL SIDE SLOTS

4 CENTER POLARIZATION

1 DUAL LOCKS

5 PEGS

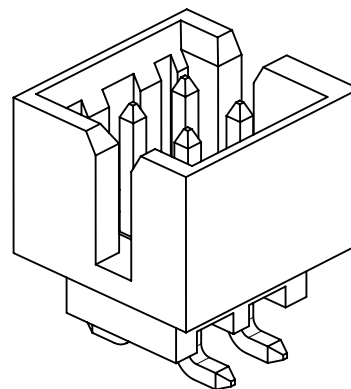
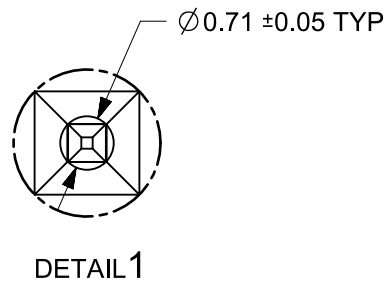
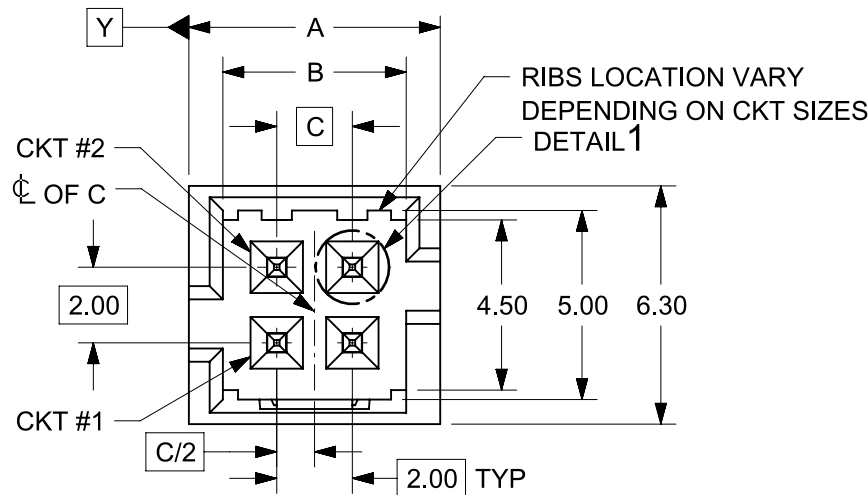
PLATING MEASUREMENT



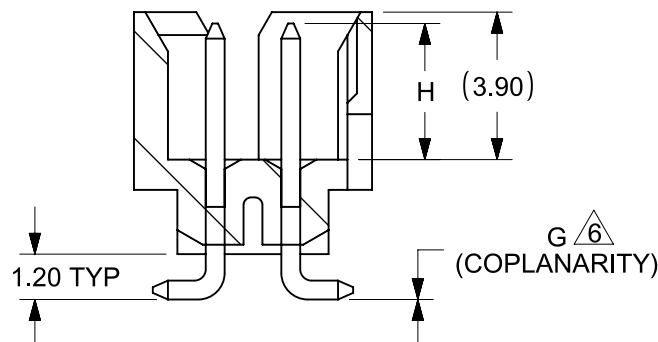
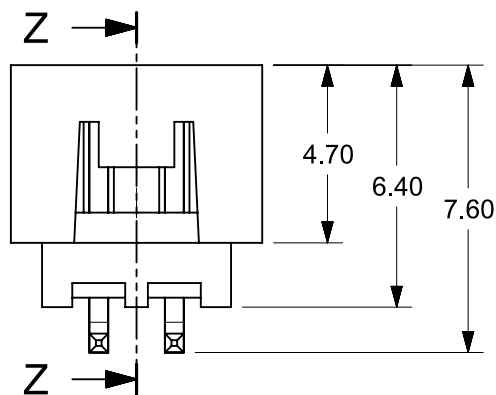
| CIRCUIT<br>SIZE | FEATURES       |          |                    |                        |      | SHEET<br>NO |
|-----------------|----------------|----------|--------------------|------------------------|------|-------------|
|                 | FRICTION LOCKS |          | DUAL<br>SIDE SLOTS | CENTER<br>POLARIZATION | PEGS |             |
|                 | ① DUAL         | ② CENTER |                    |                        |      |             |
| 4               | N.A            | N.A      | YES                | N.A                    | N.A  | 2 - 3       |
|                 | N.A            | YES      | YES                | N.A                    | N.A  |             |
| 6               | N.A            | N.A      | YES                | N.A                    | N.A  | 4 - 5       |
|                 | N.A            | N.A      | YES                | N.A                    | YES  |             |
|                 | N.A            | N.A      | YES                | YES                    | N.A  |             |
|                 | N.A            | YES      | YES                | N.A                    | N.A  |             |
|                 | N.A            | YES      | YES                | N.A                    | YES  |             |
| 8 TO 12         | N.A            | N.A      | YES                | YES                    | YES  | 6 - 7       |
|                 | N.A            | N.A      | YES                | YES                    | N.A  |             |
|                 | N.A            | YES      | YES                | N.A                    | N.A  |             |
|                 | N.A            | YES      | YES                | N.A                    | YES  |             |
| 14 TO 50        | YES            | N.A      | YES                | YES                    | N.A  | 8 - 11      |
|                 | YES            | N.A      | YES                | YES                    | YES  |             |

| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |    |       |                                                                                       |                                                                                                                                                                                                                               |         |  |        |                                                      |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----|-------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--------|------------------------------------------------------|-----------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                                                                                                            | DIMENSION UNITS                       |    | SCALE |                                                                                       | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                                                                                                      |         |  |        | <div>molex</div>                                     |                 |  |                |  |              |  |
|                                                                                                                                               | mm                                    |    | NTS   |                                                                                       |                                                                                                                                                                                                                               |         |  |        |                                                      |                 |  |                |  |              |  |
|                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |    |       |                                                                                       | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br><br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |         |  |        | MILLIGRID<br>2MM PITCH, SMT VERTICAL SHROUDED HEADER |                 |  |                |  |              |  |
|                                                                                                                                               |                                       | MM |       | INCH                                                                                  |                                                                                                                                                                                                                               |         |  |        | PRODUCT CUSTOMER DRAWING                             |                 |  |                |  |              |  |
| 4 PLACES                                                                                                                                      |                                       | ±  |       | ±                                                                                     |                                                                                                                                                                                                                               |         |  |        |                                                      |                 |  |                |  |              |  |
| 3 PLACES                                                                                                                                      |                                       | ±  |       | ±                                                                                     |                                                                                                                                                                                                                               |         |  |        |                                                      |                 |  |                |  |              |  |
| 2 PLACES                                                                                                                                      |                                       | ±  |       | 0.200                                                                                 |                                                                                                                                                                                                                               |         |  |        |                                                      |                 |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                                                                                                            | 1 PLACE                               |    | ±     |                                                                                       | ±                                                                                                                                                                                                                             |         |  |        |                                                      |                 |  |                |  |              |  |
|                                                                                                                                               | 0 PLACES                              |    | ±     |                                                                                       | ±                                                                                                                                                                                                                             |         |  |        |                                                      |                 |  |                |  |              |  |
|                                                                                                                                               | ANGULAR TOL                           |    | ±     |                                                                                       | 3°                                                                                                                                                                                                                            |         |  |        |                                                      |                 |  |                |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |                                       |    |       | THIRD ANGLE PROJECTION                                                                |                                                                                                                                                                                                                               | DRAWING |  | SERIES |                                                      | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                               |                                       |    |       |  |                                                                                                                                                                                                                               | A3-SIZE |  | 87832  |                                                      |                 |  | GENERAL MARKET |  | 1 OF 13      |  |

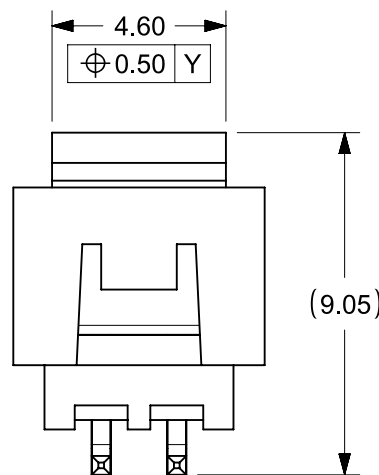
4 CIRCUITS



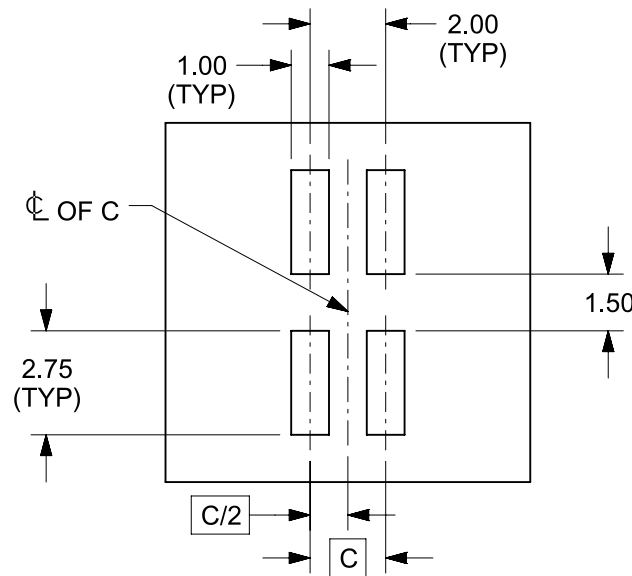
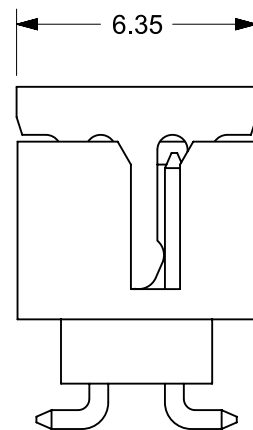
ISO VIEW OF HEADER  
WITH ONLY DUAL SLOTS



SECTION Z-Z



VIEW FOR HEADER WITH CAP



RECOMMENDED PCB LAYOUT

NOTES:

1. MATERIALS:  
HOUSING & CAP: 30% GF, NYLON, UL94V-0, COLOR: BLACK  
PIN: 0.50mm SQ. PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 12
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES  
AND CRIMP TERMINAL: 50394 SERIES

B. MOLEX 2mm MILLIGRID DUAL ROW IDT: 87568 SERIES

C. MOLEX 2mm MILLIGRID DUAL ROW RECEPTACLE:  
79107 (GOLD PLATED), 78787 (TIN PLATED)

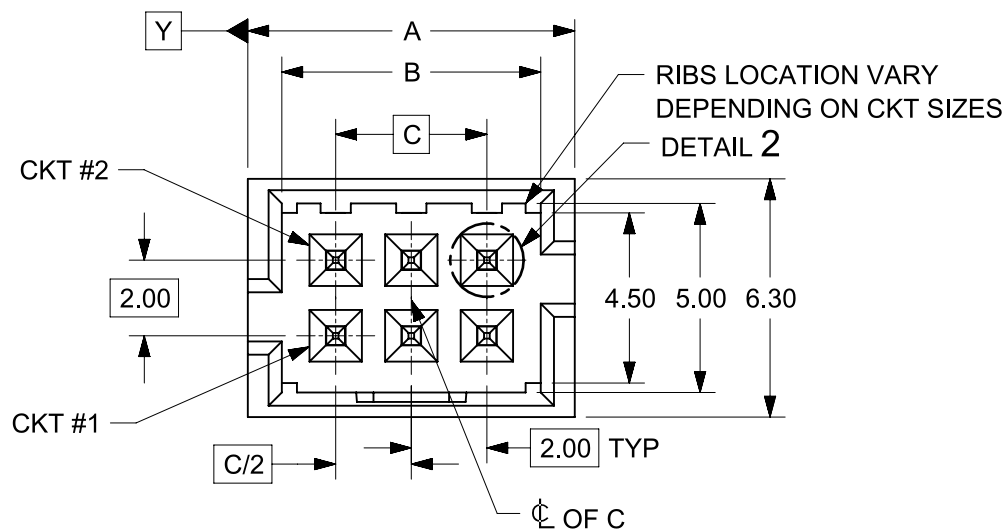
6. COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON  
A GAUGE SURFACE

7. BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT  
DOES NOT AFFECT THE OVERALL COPLANARITY

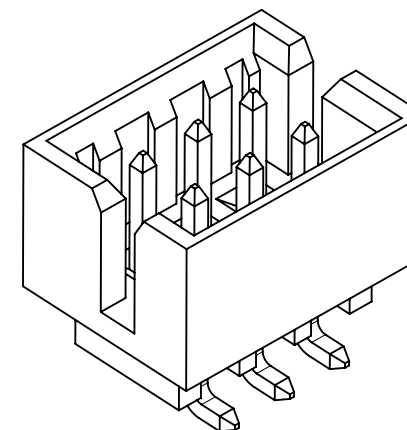
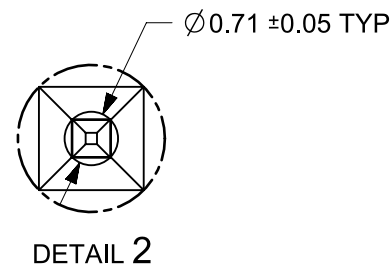
8. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF  
PICK & PLACE BY VACUUM SUCTION NOZZLE

| FUNCTIONAL SYMBOLS                                                                                                                                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |   |                                                                                                                                               |  |                    |  |                 |                                                      |                 |                 |                            |                 |                         |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|---|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|-----------------|------------------------------------------------------|-----------------|-----------------|----------------------------|-----------------|-------------------------|--|
| <div><div><div><div></div></div></div><div><div></div></div></div> <div><div><div></div></div></div> <div><div></div></div> <div><div><div></div></div></div> <div><div></div></div> | DIMENSION UNITS                                                                                                                               |   | SCALE |   | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                      |  |                    |  |                 | <div>molex</div>                                     |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | mm                                                                                                                                            |   | NTS   |   |                                                                                                                                               |  |                    |  |                 |                                                      |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |   |                                                                                                                                               |  |                    |  |                 | MM                                                   |                 | INCH            |                            |                 |                         |  |
| <div><div><div><div></div></div></div><div><div></div></div></div> <div><div><div></div></div></div> <div><div></div></div> <div><div><div></div></div></div> <div><div></div></div> | 4 PLACES                                                                                                                                      | ± |       | ± | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10 |  |                    |  |                 | MILLIGRID<br>2MM PITCH, SMT VERTICAL SHROUDED HEADER |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | 3 PLACES                                                                                                                                      | ± |       | ± |                                                                                                                                               |  |                    |  |                 |                                                      |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | 2 PLACES                                                                                                                                      | ± | 0.200 | ± |                                                                                                                                               |  |                    |  |                 | PRODUCT CUSTOMER DRAWING                             |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | 1 PLACE                                                                                                                                       | ± |       | ± |                                                                                                                                               |  |                    |  |                 |                                                      |                 |                 |                            |                 |                         |  |
|                                                                                                                                                                                      | 0 PLACES                                                                                                                                      | ± |       | ± |                                                                                                                                               |  |                    |  |                 |                                                      |                 |                 |                            |                 |                         |  |
| DIVISIONAL SYMBOLS                                                                                                                                                                   | ANGULAR TOL ± 3°                                                                                                                              |   |       |   | INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22                                                                      |  |                    |  |                 | DOCUMENT NUMBER<br>SD-87832-0001                     |                 | DOC TYPE<br>PSD | DOC PART<br>001            | REVISION<br>A25 |                         |  |
|                                                                                                                                                                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |   |       |   | THIRD ANGLE PROJECTION                                                                                                                        |  | DRAWING<br>A3-SIZE |  | SERIES<br>87832 |                                                      | MATERIAL NUMBER |                 | CUSTOMER<br>GENERAL MARKET |                 | SHEET NUMBER<br>2 OF 13 |  |

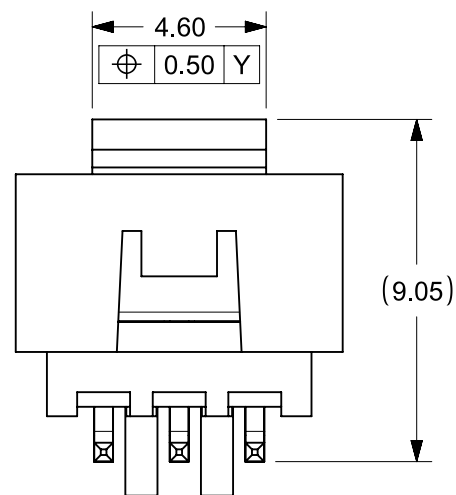
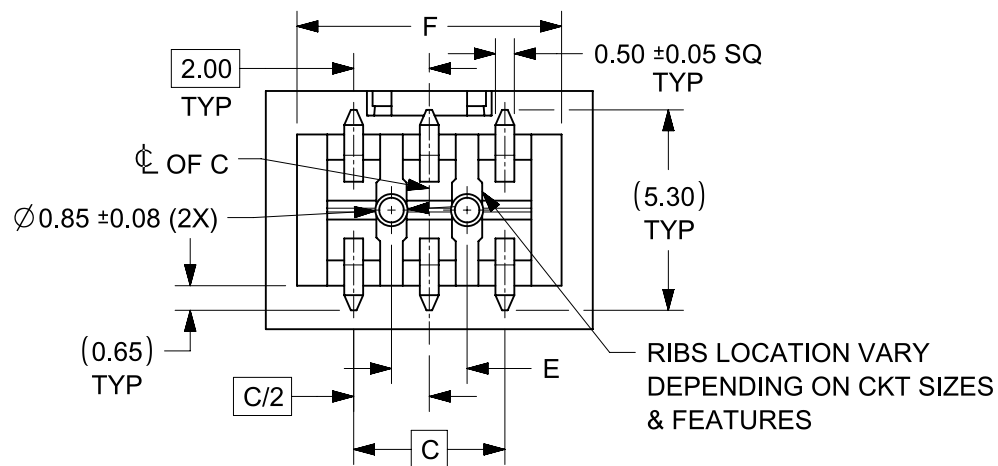
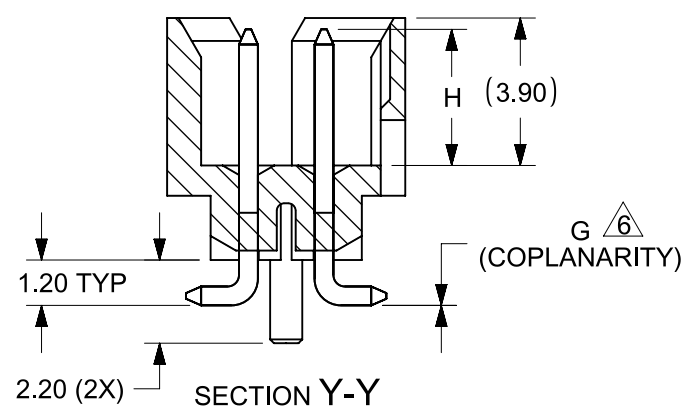
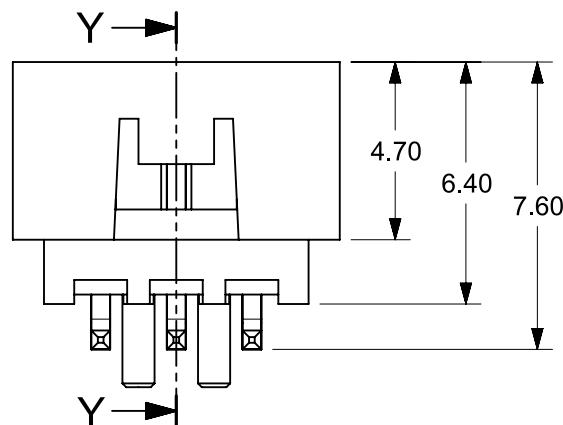




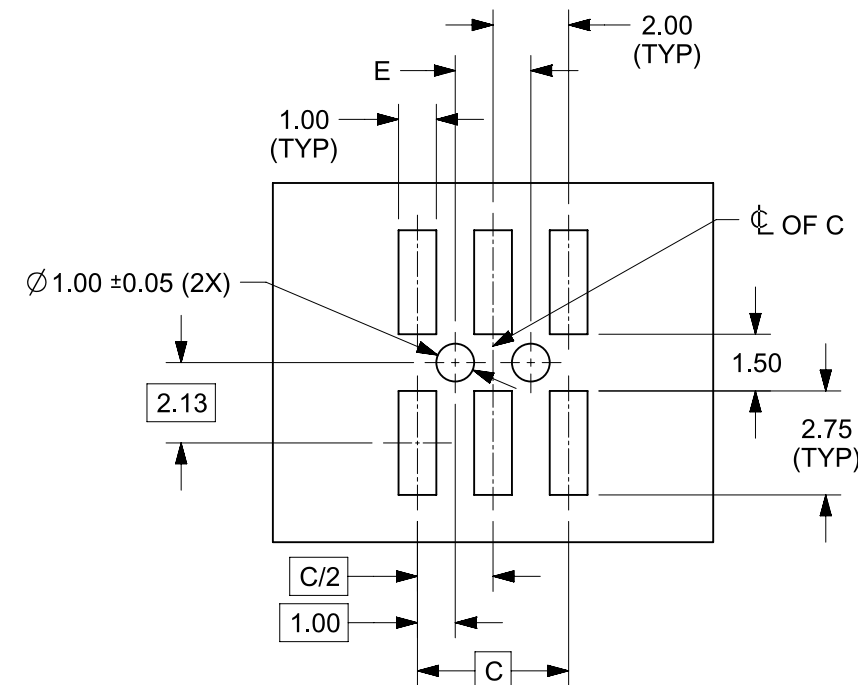
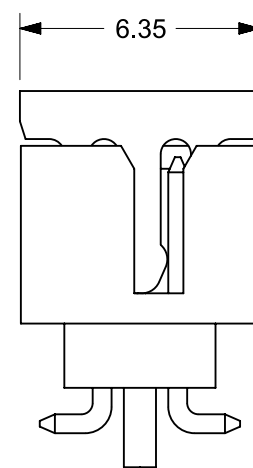
## 6 CIRCUITS



VIEW FOR HEADER WITH ONLY DUAL SLOTS



VIEW FOR HEADER WITH CAP



RECOMMENDED PCB LAYOUT

### NOTES:

- MATERIALS:  
HOUSING & CAP: 30% GF, NYLON, UL94V-0, COLOR: BLACK  
PIN: 0.50mm SQ. PHOSPHOR BRONZE
  - FINISHES: REFER TO PLATING OPTIONS
  - PRODUCT SPECIFICATION: PS-87831-027
  - PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 12
  - MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES AND CRIMP TERMINAL: 50394 SERIES  
B. MOLEX 2mm MILLIGRID DUAL ROW IDT: 87568 SERIES  
C. MOLEX 2mm MILLIGRID DUAL ROW RECEPTACLE: 79107 (GOLD PLATED), 78787 (TIN PLATED)
- 6 COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE
- BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY
  - TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE

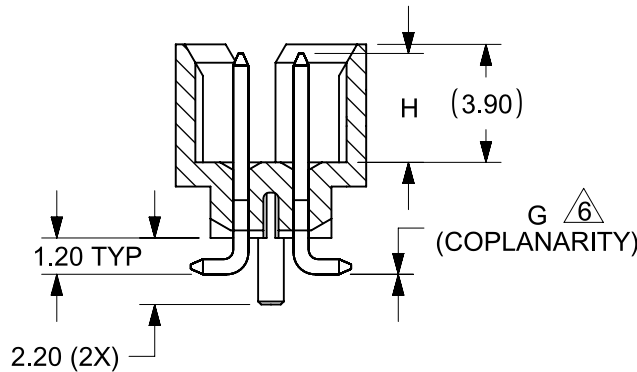
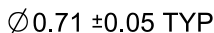
|                                                                                                                      |                                                                                                                                               |         |       |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--------|--|-----------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                                                                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         |       |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | DIMENSION UNITS                                                                                                                               |         | SCALE |                        | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                                                                                                  |         |  |        |  |                 |  |                |  |              |  |
| <div><div>F</div><div>A</div>= 0</div> <div><div>F</div><div>C</div>= 0</div> <div><div>F</div><div>P</div>= 0</div> | mm                                                                                                                                            |         | NTS   |                        | <div>molex</div> <div>MILLIGRID</div> <div>2MM PITCH, SMT VERTICAL SHROUDED HEADER</div>                                                                                                                                  |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |         |       |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                                                                                   |                                                                                                                                               | MM      | INCH  |                        | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | 4 PLACES                                                                                                                                      | ±       | ±     |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | 3 PLACES                                                                                                                                      | ±       | ±     |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | 2 PLACES                                                                                                                                      | ± 0.200 | ±     |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | 1 PLACE                                                                                                                                       | ±       | ±     |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | 0 PLACES                                                                                                                                      | ±       | ±     |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
|                                                                                                                      | ANGULAR TOL ± 3°                                                                                                                              |         |       |                        |                                                                                                                                                                                                                           |         |  |        |  |                 |  |                |  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                 |                                                                                                                                               |         |       | THIRD ANGLE PROJECTION |                                                                                                                                                                                                                           | DRAWING |  | SERIES |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                      |                                                                                                                                               |         |       |                        |                                                                                                                                                                                                                           | A3-SIZE |  | 87832  |  |                 |  | GENERAL MARKET |  | 4 OF 13      |  |

|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|-------------|------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------------|--------------------|----------------|--------|-----------------------|----------------------------|------|-----------|------|------|-----|------|------|---------------|-----------|
| 10          | 9                                  | 8                               | 7                              | 6                                 | 5                                   | 4                  | 3              | 2      | 1                     |                            |      |           |      |      |     |      |      |               |           |
| 6 CIRCUITS  |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
| CKT<br>SIZE | ASSY P/N<br>WITHOUT CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN T&R | ASSY P/N<br>WITHOUT CAP<br>IN T&R | T&R<br>OPTIONS<br>(SEE<br>SHEET 12) | PLATING<br>OPTIONS | FRICTION LOCKS |        | DUAL<br>SIDE<br>SLOTS | CENTER<br>POLARIZATIO<br>N | PEGS | DIMENSION |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    | DUAL           | CENTER |                       |                            |      | A         | B    | C    | D   | E    | F    | G<br>(COPLAN) | H         |
| 6           | 87832-0660                         | 87832-0662                      | 87832-5262                     |                                   | 1                                   | 1                  | N.A            | N.A    | YES                   | N.A                        | YES  | 8.65      | 6.85 | 4.00 | N.A | 2.00 | 7.00 | 0.10          | 3.60±0.20 |
|             | 87832-0620                         | 87832-0622                      | 87832-5222                     | 87832-5230                        | 1                                   | 2                  |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             | 87832-0621                         | 87832-0623                      | 87832-5223                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             | 87832-0670                         | 87832-0672                      | 87832-5272                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             | 87832-0612                         | 87832-0616                      | 87832-0614                     |                                   | 1                                   | 2                  | N.A            | N.A    | YES                   | N.A                        | N.A  |           |      |      |     |      |      | 0.10          | 3.60±0.20 |
|             | 87832-0613                         | 87832-0617                      | 87832-0615                     |                                   | 1                                   | 3                  | N.A            | N.A    | YES                   | YES                        | N.A  |           |      |      |     |      |      |               |           |
|             | 87832-0624                         | 87832-0626                      | 87832-0628                     |                                   | 1                                   | 2                  | N.A            | YES    | YES                   | N.A                        | N.A  |           |      |      |     |      |      | 0.10          | 3.60±0.15 |
|             | 87832-0625                         | 87832-0627                      | 87832-0629                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             | 87832-0610                         | 87832-0608                      | 87832-0606                     |                                   | 1                                   | 2                  | N.A            | YES    | YES                   | N.A                        | YES  |           |      |      |     |      |      | 0.10          | 3.60±0.20 |
|             | 87832-0611                         | 87832-0609                      | 87832-0607                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             | 87832-0604                         | N.A                             | N.A                            |                                   | N.A                                 | 2                  | N.A            | YES    | YES                   | N.A                        | YES  |           |      |      |     |      |      | 0.10          | 3.60±0.20 |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
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|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
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|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
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|             |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |      |      |     |      |      |               |           |
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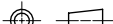
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                               |                                 |                                |                                   |                                                                                                                                                                                                                           |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
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| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9                                                                                                                                             | 8                               | 7                              | 6                                 | 5                                                                                                                                                                                                                         | 4                  | 3              | 2      | 1                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 8 TO 12 CIRCUITS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                                 |                                |                                   |                                                                                                                                                                                                                           |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| CKT<br>SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ASSY P/N<br>WITHOUT CAP<br>IN TUBE                                                                                                            | ASSY P/N<br>WITH CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN T&R | ASSY P/N<br>WITHOUT CAP<br>IN T&R | T&R<br>OPTIONS<br>(SEE<br>SHEET 12)                                                                                                                                                                                       | PLATING<br>OPTIONS | FRICTION LOCKS |        | DUAL<br>SIDE<br>SLOTS  | CENTER<br>POLARIZ<br>ATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PEGS     | DIMENSION |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                               |                                 |                                |                                   |                                                                                                                                                                                                                           |                    | DUAL           | CENTER |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          | A         | B               | C     | D        | E        | F        | G<br>(COPLAN) | H         |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| A24<br><br>8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 87832-0860                                                                                                                                    | 87832-0862                      | 87832-5362                     |                                   | 1                                                                                                                                                                                                                         | 1                  | N.A            | N.A    | YES                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      | 10.65     | 8.85            | 6.00  | N.A      | 4.00     | 9.00     | 0.10          | 3.60±0.20 |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0820                                                                                                                                    | 87832-0822                      | 87832-5322                     | 87832-5330                        | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0821                                                                                                                                    | 87832-0823                      | 87832-5323                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0870                                                                                                                                    | 87832-0872                      | 87832-5372                     |                                   | 1                                                                                                                                                                                                                         | 4                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0812                                                                                                                                    | 87832-0816                      | 87832-0814                     |                                   | 1                                                                                                                                                                                                                         | 2                  | N.A            | N.A    | YES                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A      |           |                 |       |          |          |          | 0.10          | 3.60±0.20 |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0824                                                                                                                                    | 87832-0826                      | 87832-0828                     |                                   | 1                                                                                                                                                                                                                         | 2                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A      |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0825                                                                                                                                    | 87832-0827                      | 87832-0829                     |                                   | 1                                                                                                                                                                                                                         | 3                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0810                                                                                                                                    | 87832-0808                      | 87832-0806                     |                                   | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-0811                                                                                                                                    | 87832-0809                      | 87832-0807                     |                                   | 1                                                                                                                                                                                                                         | 3                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      |           |                 |       |          |          |          | 0.10          | 3.60±0.20 |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 87832-0804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A                                                                                                                                           | N.A                             |                                | N.A                               | 2                                                                                                                                                                                                                         | N.A                | YES            | YES    | N.A                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1060                                                                                                                                    | 87832-1062                      | 87832-5462                     |                                   | 1                                                                                                                                                                                                                         | 1                  | N.A            | N.A    | YES                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      | 12.65     | 10.85           | 8.00  | N.A      | 6.00     | 11.00    | 0.10          | 3.60±0.20 |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1020                                                                                                                                    | 87832-1022                      | 87832-5422                     | 87832-5430                        | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1021                                                                                                                                    | 87832-1023                      | 87832-5423                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                               |                                 | 87832-9423                     |                                   | 2                                                                                                                                                                                                                         |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1070                                                                                                                                    | 87832-1072                      | 87832-5472                     |                                   | 1                                                                                                                                                                                                                         | 4                  | N.A            | N.A    | YES                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A      |           |                 |       |          |          |          | 0.10          | 3.60±0.20 |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1012                                                                                                                                    | 87832-1016                      | 87832-1014                     |                                   | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1019                                                                                                                                    | 87832-1045                      | 87832-1035                     |                                   | 1                                                                                                                                                                                                                         | 1                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1024                                                                                                                                    | 87832-1026                      | 87832-1028                     |                                   | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A                                                                                                                                           | N.A                             | 87832-1055                     |                                   | 1                                                                                                                                                                                                                         | 1                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          | N.A           | YES       | YES                   | N.A                                                                                                                                           | YES |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1025                                                                                                                                    | 87832-1027                      | 87832-1029                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1010                                                                                                                                    | 87832-1008                      | 87832-1006                     |                                   | 1                                                                                                                                                                                                                         | 2                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1011                                                                                                                                    | 87832-1009                      | 87832-1007                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 87832-1004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A                                                                                                                                           | N.A                             |                                | N.A                               | 2                                                                                                                                                                                                                         | N.A                | YES            | YES    | N.A                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.10     | 3.60±0.20 |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 87832-1260                                                                                                                                    | 87832-1262                      | 87832-5562                     |                                   | 1                                                                                                                                                                                                                         | 1                  | N.A            | N.A    | YES                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           | YES             | 14.65 | 12.85    | 10.00    | N.A      | 8.00          | 13.00     | 0.10                  | 3.60±0.20                                                                                                                                     |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1220                                                                                                                                    | 87832-1222                      | 87832-5522                     |                                   | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1221                                                                                                                                    | 87832-1223                      | 87832-5523                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                               |                                 | 87832-9623                     |                                   | 2                                                                                                                                                                                                                         |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1270                                                                                                                                    | 87832-1272                      | 87832-5572                     |                                   | 1                                                                                                                                                                                                                         | 4                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A      | 0.10      | 3.60±0.15       |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1224                                                                                                                                    | 87832-1226                      | 87832-1228                     |                                   | 1                                                                                                                                                                                                                         | 2                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1225                                                                                                                                    | 87832-1227                      | 87832-1229                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1210                                                                                                                                    | 87832-1208                      | 87832-1206                     |                                   | 1                                                                                                                                                                                                                         | 2                  | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | YES      |           |                 |       |          |          |          |               |           | 0.10                  | 3.60±0.20                                                                                                                                     |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 87832-1211                                                                                                                                    | 87832-1209                      | 87832-1207                     |                                   | 1                                                                                                                                                                                                                         | 3                  |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 87832-1204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A                                                                                                                                           | N.A                             |                                | N.A                               | 2                                                                                                                                                                                                                         | N.A                | YES            | YES    | N.A                    | YES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.10     | 3.60±0.20 |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 87832-1212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A                                                                                                                                           | N.A                             |                                | N.A                               | 2                                                                                                                                                                                                                         | N.A                | N.A            | YES    | YES                    | N.A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| PLATING OPTIONS:<br>1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND<br>1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER<br>1.27µm/50µin MIN. NICKEL OVERALL.<br>2 - 0.38µm/15µin MIN. GOLD IN CONTACT AREA AND<br>1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER<br>1.27µm/50µin MIN. NICKEL OVERALL.<br>3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND<br>1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER<br>1.27µm/50µin MIN. NICKEL OVERALL.<br>4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL. |                                                                                                                                               |                                 |                                |                                   |                                                                                                                                                                                                                           |                    |                |        |                        | <table><tr><td rowspan="10">FUNCTIONAL<br/>SYMBOLS</td><td colspan="10">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="2">CURRENT REV DESC: ADDING NEW PART NUMBER</td><td colspan="4" rowspan="3"><div>molex</div></td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</td><td colspan="4" rowspan="5">STATUS: Production<br/>DRWN: Meghraj Boodagatti 2026-06-04<br/>CHK'D: Meghraj Boodagatti 2026-06-10<br/>APPR: Saravanakumar Murugesan 2026-06-10<br/>INITIAL REVISION:<br/>DRWN: GMENARLY 2015-05-22<br/>APPR: KHLIM 2015-09-22</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">MM</td><td colspan="2">INCH</td><td colspan="2">SD-87832-0001</td><td>PSD</td><td>001</td><td>A25</td></tr><tr><td colspan="2">4 PLACES ±</td><td colspan="2">±</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2">3 PLACES ±</td><td colspan="2">±</td><td colspan="2">A3-SIZE</td><td colspan="2">87832</td><td colspan="2">7 OF 13</td></tr><tr><td colspan="2">2 PLACES ±</td><td colspan="2">0.200 ±</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td></tr><tr><td colspan="2">1 PLACE ±</td><td colspan="2">±</td><td colspan="2">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td><td colspan="2">A3-SIZE</td><td colspan="2">87832</td></tr><tr><td colspan="2">0 PLACES ±</td><td colspan="2">±</td><td colspan="2">GENERAL MARKET</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">ANGULAR TOL ± 3°</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table> |          |           |                 |       |          |          |          |               |           | FUNCTIONAL<br>SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     |  |  |  |  |  |  |  |  | DIMENSION UNITS |  | SCALE |  | CURRENT REV DESC: ADDING NEW PART NUMBER |  |  |  | <div>molex</div> |  |  |  | mm |  | NTS |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  |  |  | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |  |  |  | DOCUMENT NUMBER |  | DOC TYPE | DOC PART | REVISION | MM |  | INCH |  | SD-87832-0001 |  | PSD | 001 | A25 | 4 PLACES ± |  | ± |  | MATERIAL NUMBER |  | CUSTOMER |  | SHEET NUMBER |  | 3 PLACES ± |  | ± |  | A3-SIZE |  | 87832 |  | 7 OF 13 |  | 2 PLACES ± |  | 0.200 ± |  | THIRD ANGLE PROJECTION |  | DRAWING |  | SERIES |  | 1 PLACE ± |  | ± |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | A3-SIZE |  | 87832 |  | 0 PLACES ± |  | ± |  | GENERAL MARKET |  |  |  |  |  | ANGULAR TOL ± 3° |  |  |  |  |  |  |  |  |  |
| FUNCTIONAL<br>SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                 |                                |                                   |                                                                                                                                                                                                                           |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DIMENSION UNITS                                                                                                                               |                                 | SCALE                          |                                   | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                                                                                                  |                    |                |        | <div>molex</div>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | mm                                                                                                                                            |                                 | NTS                            |                                   |                                                                                                                                                                                                                           |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |                                 |                                |                                   | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           | DOCUMENT NUMBER |       | DOC TYPE | DOC PART | REVISION |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MM                                                                                                                                            |                                 | INCH                           |                                   |                                                                                                                                                                                                                           |                    |                |        | SD-87832-0001          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PSD      | 001       | A25             |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4 PLACES ±                                                                                                                                    |                                 | ±                              |                                   |                                                                                                                                                                                                                           |                    |                |        | MATERIAL NUMBER        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CUSTOMER |           | SHEET NUMBER    |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 PLACES ±                                                                                                                                    |                                 | ±                              |                                   |                                                                                                                                                                                                                           |                    |                |        | A3-SIZE                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 87832    |           | 7 OF 13         |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2 PLACES ±                                                                                                                                    |                                 | 0.200 ±                        |                                   |                                                                                                                                                                                                                           |                    |                |        | THIRD ANGLE PROJECTION |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DRAWING  |           | SERIES          |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 PLACE ±                                                                                                                                     |                                 | ±                              |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                |                    | A3-SIZE        |        | 87832                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0 PLACES ±                                                                                                                                    |                                 | ±                              |                                   | GENERAL MARKET                                                                                                                                                                                                            |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| ANGULAR TOL ± 3°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                               |                                 |                                |                                   |                                                                                                                                                                                                                           |                    |                |        |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9                                                                                                                                             | 8                               | 7                              | 6                                 | 5                                                                                                                                                                                                                         | 4                  | 3              | 2      | 1                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |           |                 |       |          |          |          |               |           |                       |                                                                                                                                               |     |  |  |  |  |  |  |  |  |                 |  |       |  |                                          |  |  |  |                  |  |  |  |    |  |     |  |                                          |  |  |  |                                                                                                                                                                                                                           |  |  |  |                 |  |          |          |          |    |  |      |  |               |  |     |     |     |            |  |   |  |                 |  |          |  |              |  |            |  |   |  |         |  |       |  |         |  |            |  |         |  |                        |  |         |  |        |  |           |  |   |  |                                                            |  |         |  |       |  |            |  |   |  |                |  |  |  |  |  |                  |  |  |  |  |  |  |  |  |  |

$\varnothing 0.71 \pm 0.05$  TYP



1. MATERIALS:  
HOUSING & CAP: 30% GF, NYLON, UL94V-0, COLOR: BLACK  
PIN: 0.50mm SQ. PHOSPHOR BRONZE
2. FINISHES: REFER TO PLATING OPTIONS
3. PRODUCT SPECIFICATION: PS-87831-027
4. PACKAGING SPECIFICATION: SEE PACKAGING SPECS TABLE ON SHEET 12
5. MATES WITH: A. MOLEX CRIMP RECEPTACLE HOUSING: 51110 SERIES  
AND CRIMP TERMINAL: 50394 SERIES  
B. MOLEX 2mm MILLIGRID DUAL ROW IDT: 87568 SERIES  
C. MOLEX 2mm MILLIGRID DUAL ROW RECEPTACLE:  
79107 (GOLD PLATED), 78787 (TIN PLATED)

7. BEND DEPRESSION ON SMT TAIL IS ACCEPTABLE SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY
8. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE

|                                                                                                                                                                                                                                                                       |                                                                                                                                               |         |       |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|-----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|----------------------------|--------------------------|-------------------------|--|
| FUNCTIONAL SYMBOLS<br><div><div><div><div><div></div></div></div><div><div></div></div></div><div><div><div><div></div></div></div><div><div></div></div></div><div><div><div><div></div></div></div><div><div></div></div></div></div> <div>DIVISIONAL SYMBOLS</div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |         |       |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | DIMENSION UNITS                                                                                                                               |         | SCALE |                                                                                                                 | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                                                                                                  |                    |  | <div>molex</div> <div>MILLIGRID<br/>2MM PITCH, SMT VERTICAL SHROUDED HEADER</div> |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | mm                                                                                                                                            |         | NTS   |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |         |       |                                                                                                                 | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |                    |  |                                                                                   |                 |                 |                 |                            | PRODUCT CUSTOMER DRAWING |                         |  |
|                                                                                                                                                                                                                                                                       |                                                                                                                                               | MM      | INCH  |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | 4 PLACES                                                                                                                                      | ±       | ±     |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | 3 PLACES                                                                                                                                      | ±       | ±     |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | 2 PLACES                                                                                                                                      | ± 0.200 | ±     |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | 1 PLACE                                                                                                                                       | ±       | ±     | DOCUMENT NUMBER<br>SD-87832-0001                                                                                |                                                                                                                                                                                                                           |                    |  |                                                                                   | DOC TYPE<br>PSD | DOC PART<br>001 | REVISION<br>A25 |                            |                          |                         |  |
|                                                                                                                                                                                                                                                                       | 0 PLACES                                                                                                                                      | ±       | ±     |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
| ANGULAR TOL                                                                                                                                                                                                                                                           |                                                                                                                                               | ± 3°    |       |                                                                                                                 |                                                                                                                                                                                                                           |                    |  |                                                                                   |                 |                 |                 |                            |                          |                         |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                                                            |                                                                                                                                               |         |       | THIRD ANGLE PROJECTION<br> |                                                                                                                                                                                                                           | DRAWING<br>A3-SIZE |  | SERIES<br>87832                                                                   |                 | MATERIAL NUMBER |                 | CUSTOMER<br>GENERAL MARKET |                          | SHEET NUMBER<br>8 OF 13 |  |

|                   |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------|------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------------|--------------------|----------------|--------|-----------------------|----------------------------|------|-----------|-------|-------|-------|-------|-----------|-------------------|-------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 10                | 9                                  | 8                               | 7                              | 6                                 | 5                                   | 4                  | 3              | 2      | 1                     |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 TO 24 CIRCUITS |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CKT<br>SIZE       | ASSY P/N<br>WITHOUT CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN T&R | ASSY P/N<br>WITHOUT CAP<br>IN T&R | T&R<br>OPTIONS<br>(SEE<br>SHEET 12) | PLATING<br>OPTIONS | FRICTION LOCKS |        | DUAL<br>SIDE<br>SLOTS | CENTER<br>POLARIZA<br>TION | PEGS | DIMENSION |       |       |       |       |           |                   | So<br>(T&R) |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   |                                    |                                 |                                |                                   |                                     |                    | DUAL           | CENTER |                       |                            |      | A         | B     | C     | D     | E     | F         | G<br>(COPLAN<br>) |             | H     |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14                | 87832-1460                         | 87832-1462                      | 87832-5662                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 16.65     | 14.85 | 12.00 | 8.00  | 10.00 | 15.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1420                         | 87832-1422                      | 87832-5622                     | 87832-5630                        | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1421                         | 87832-1423                      | 87832-5623                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   |                                    |                                 | 87832-9523                     |                                   | 2                                   |                    |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1470                         | 87832-1472                      | 87832-5672                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 87832-1412        | 87832-1416                         | 87832-1414                      |                                | 1                                 | 2                                   | YES                | N.A            | YES    | YES                   | N.A                        |      |           |       |       |       |       | 0.15      | 3.60±0.20         |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16                | 87832-1660                         | 87832-1662                      | 87832-5762                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 18.65     | 16.85 | 14.00 | 10.00 | 12.00 | 17.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1620                         | 87832-1622                      | 87832-5722                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1621                         | 87832-1623                      | 87832-5723                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1670                         | 87832-1672                      | 87832-5772                     | 87832-5730                        | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1612                         | 87832-1616                      | 87832-1614                     |                                   | 1                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |           | 0.15              | 3.60±0.20   | 28.40 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1619                         | 87832-1645                      | 87832-1635                     |                                   | 1                                   | 1                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18                | 87832-1860                         | 87832-1862                      | 87832-5862                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 20.65     | 18.85 | 16.00 | 12.00 | 14.00 | 19.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1820                         | 87832-1822                      | 87832-5822                     | 87832-5830                        | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1821                         | 87832-1823                      | 87832-5823                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1870                         | 87832-1872                      | 87832-5872                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1812                         | 87832-1816                      | 87832-1814                     |                                   | 3                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |           | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-1813                         | 87832-1817                      | 87832-1815                     |                                   | 3                                   | 3                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |           | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                | 87832-2060                         | 87832-2062                      | 87832-5962                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 22.65     | 20.85 | 18.00 | 14.00 | 16.00 | 21.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2020                         | 87832-2022                      | 87832-5922                     | 87832-5930                        | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2021                         | 87832-2023                      | 87832-5923                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2070                         | 87832-2072                      | 87832-5972                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   |                                    |                                 | 87832-9672                     |                                   | 2                                   |                    |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2012                         | 87832-2016                      | 87832-2014                     |                                   | 1                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |           | 0.15              | 3.60±0.20   | 40.40 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22                | 87832-2260                         | 87832-2262                      | 87832-6062                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 24.65     | 22.85 | 20.00 | 16.00 | 18.00 | 23.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2220                         | 87832-2222                      | 87832-6022                     | 87832-6030                        | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2221                         | 87832-2223                      | 87832-6023                     | 87832-6031                        | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2270                         | 87832-2272                      | 87832-6072                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24                | 87832-2460                         | 87832-2462                      | 87832-6162                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 26.65     | 24.85 | 22.00 | 18.00 | 20.00 | 25.0<br>0 | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2420                         | 87832-2422                      | 87832-6122                     | 87832-6130                        | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2421                         | 87832-2423                      | 87832-6123                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2470                         | 87832-2472                      | 87832-6172                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |           |                   |             |       |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | 87832-2412                         | 87832-2416                      | 87832-2414                     |                                   | 1                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |           | 0.15              | 3.60±0.20   |       |  |  |  |  |  |  |  |  |  |  |  |  |  |

PLATING OPTIONS:

1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

2 - 0.38µm/15µin GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.

FUNCTIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FA= 0

FE= 0

FB= 0

DIVISIONAL SYMBOLS

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

ANGULAR TOL ± 3°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

SCALE

mm

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

MM

INCH

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

ANGULAR TOL ± 3°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

A3-SIZE

87832

STATUS: Production

DRWN: Meghraj Boodagatti

CHK'D: Meghraj Boodagatti

APPR: Saravanakumar Murugesan

2026-06-04

2026-06-10

2026-06-10

INITIAL REVISION:

DRWN: GMENARLY

APPR: KHLIM

2015-05-22

2015-09-22

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87832-0001

DOC TYPE

PSD

DOC PART

001

REVISION

A25

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

9 OF 13

| 10                |                                    | 9                               |                                | 8                                 |                                     | 7                  |                | 6      |                       | 5                          |      | 4         |       | 3     |       | 2     |       | 1             |           |      |           |
|-------------------|------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------------|--------------------|----------------|--------|-----------------------|----------------------------|------|-----------|-------|-------|-------|-------|-------|---------------|-----------|------|-----------|
| 26 TO 38 CIRCUITS |                                    |                                 |                                |                                   |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| CKT<br>SIZE       | ASSY P/N<br>WITHOUT CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN T&R | ASSY P/N<br>WITHOUT CAP<br>IN T&R | T&R<br>OPTIONS<br>(SEE<br>SHEET 12) | PLATING<br>OPTIONS | FRICTION LOCKS |        | DUAL<br>SIDE<br>SLOTS | CENTER<br>POLARIZA<br>TION | PEGS | DIMENSION |       |       |       |       |       |               |           |      |           |
|                   |                                    |                                 |                                |                                   |                                     |                    | DUAL           | CENTER |                       |                            |      | A         | B     | C     | D     | E     | F     | G<br>(COPLAN) | H         |      |           |
| 26                | 87832-2660                         | 87832-2662                      | 87832-6262                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 28.65     | 26.85 | 24.00 | 20.00 | 22.00 | 27.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-2620                         | 87832-2622                      | 87832-6222                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-2621                         | 87832-2623                      | 87832-6223                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-2670                         | 87832-2672                      | 87832-6272                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-2612                         | 87832-2616                      | N.A                            |                                   | N.A                                 | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-2619                         | 87832-2645                      | 87832-2635                     |                                   | 1                                   | 1                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| 28                | 87832-2860                         | 87832-2862                      | 87832-6362                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 30.65     | 28.85 | 26.00 | 22.00 | 24.00 | 29.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-2820                         | 87832-2822                      | 87832-6322                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-2821                         | 87832-2823                      | 87832-6323                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-2870                         | 87832-2872                      | 87832-6372                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | N.A                                | 87832-2816                      | N.A                            |                                   | 1                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       |               |           | 0.15 | 3.60±0.20 |
|                   | N.A                                | 87832-2819                      | N.A                            |                                   | 1                                   | 1                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| 30                | 87832-3060                         | 87832-3062                      | 87832-6462                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 32.65     | 30.85 | 28.00 | 24.00 | 26.00 | 31.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3020                         | 87832-3022                      | 87832-6422                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3021                         | 87832-3023                      | 87832-6423                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3070                         | 87832-3072                      | 87832-6472                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3012                         | 87832-3016                      | 87832-3014                     |                                   | 3                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       | 0.15          | 3.60±0.20 |      |           |
| 32                | 87832-3260                         | 87832-3262                      | 87832-6562                     |                                   | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 34.65     | 32.85 | 30.00 | 26.00 | 28.00 | 33.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3220                         | 87832-3222                      | 87832-6522                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3221                         | 87832-3223                      | 87832-6523                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3270                         | 87832-3272                      | 87832-6572                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| 34                | 87832-3460                         | 87832-3462                      | 87832-6662                     | 87832-6630                        | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 36.65     | 34.85 | 32.00 | 28.00 | 30.00 | 35.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3420                         | 87832-3422                      | 87832-6622                     |                                   | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3421                         | 87832-3423                      | 87832-6623                     |                                   | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3470                         | 87832-3472                      | 87832-6672                     |                                   | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3412                         | 87832-3416                      | 87832-3414                     |                                   | 3                                   | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3419                         | 87832-3445                      | 87832-3435                     |                                   | 3                                   | 1                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| 36                | 87832-3660                         | 87832-3662                      | N.A                            |                                   | N.A                                 | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 38.65     | 36.85 | 34.00 | 30.00 | 32.00 | 37.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3620                         | 87832-3622                      | N.A                            |                                   | N.A                                 | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3621                         | 87832-3623                      | 87832-3673                     |                                   | N.A                                 | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3670                         | 87832-3672                      | N.A                            |                                   | N.A                                 | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
| 38                | 87832-3860                         | 87832-3862                      | N.A                            |                                   | N.A                                 | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 40.65     | 38.85 | 36.00 | 32.00 | 34.00 | 39.00 | 0.15          | 3.60±0.20 |      |           |
|                   | 87832-3820                         | 87832-3822                      | 87832-6822                     |                                   | N.A                                 | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3821                         | 87832-3823                      | 87832-3874                     |                                   | N.A                                 | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |
|                   | 87832-3870                         | 87832-3872                      | N.A                            |                                   | N.A                                 | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |      |           |

PLATING OPTIONS:

1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

2 - 0.38µm/15µin MIN. GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND  
1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER  
1.27µm/50µin MIN. NICKEL OVERALL.

4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.

FUNCTIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CURRENT REV DESC: ADDING NEW PART NUMBER

mm

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.200

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

3°

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87832

DOCUMENT NUMBER

SD-87832-0001

DOC TYPE

PSD

DOC PART

001

REVISION

A25

STATUS: Production

DRWN: Meghraj Boodagatti

CHK'D: Meghraj Boodagatti

APPR: Saravanakumar Murugesan

INITIAL REVISION:

DRWN: GMENARLY

APPR: KHLIM

2015-05-22

2015-09-22

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

10 OF 13

</

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|------------------------|-------------------------------------|--------------------|----------------|--------|-----------------------|----------------------------|------|-----------|-------|-------|-------|-------|-------|---------------|-----------|-----------|
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 9                                     |                                 | 8                              |                                   | 7                      |                                     | 6                  |                | 5      |                       | 4                          |      | 3         |       | 2     |       | 1     |       |               |           |           |
| 40 TO 50 CIRCUITS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CKT<br>SIZE | ASSY P/N<br>WITHOUT<br>CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN TUBE | ASSY P/N<br>WITH CAP<br>IN T&R | ASSY P/N<br>WITHOUT CAP<br>IN T&R | VOID PIN LOCATION      | T&R<br>OPTIONS<br>(SEE<br>SHEET 12) | PLATING<br>OPTIONS | FRICTION LOCKS |        | DUAL<br>SIDE<br>SLOTS | CENTER<br>POLARIZA<br>TION | PEGS | DIMENSION |       |       |       |       |       |               | F         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       |                                 |                                |                                   |                        |                                     |                    | DUAL           | CENTER |                       |                            |      | A         | B     | C     | D     | E     | F     | G<br>(COPLAN) |           | H         |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-4060                            | 87832-4062                      | 87832-6962                     |                                   | -                      | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 42.65     | 40.85 | 38.00 | 34.00 | 36.00 | 41.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4020                            | 87832-4022                      | 87832-6922                     |                                   | -                      | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4021                            | 87832-4023                      | 87832-6923                     |                                   | -                      | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4070                            | 87832-4072                      | 87832-6972                     |                                   | -                      | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4012                            | 87832-4016                      | N.A                            |                                   | -                      | N.A                                 | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-6925                            |                                 |                                | -                                 | N.A                    | 3                                   |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-4260                            | 87832-4262                      | N.A                            |                                   | -                      | N.A                                 | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 44.65     | 42.85 | 40.00 | 36.00 | 38.00 | 43.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4220                            | 87832-4222                      | 87832-4230                     |                                   | -                      | N.A                                 | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4221                            | 87832-4223                      | N.A                            |                                   | -                      | N.A                                 | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4270                            | 87832-4272                      | N.A                            |                                   | -                      | N.A                                 | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| 44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-4460                            | 87832-4462                      | 87832-7162                     |                                   | -                      | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 46.65     | 44.85 | 42.00 | 38.00 | 40.00 | 45.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4420                            | 87832-4422                      | 87832-7122                     |                                   | -                      | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4421                            | 87832-4423                      | 87832-7123                     |                                   | -                      | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4470                            | 87832-4472                      | 87832-7172                     |                                   | -                      | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4413                            | 87832-4417                      | 87832-4415                     |                                   | -                      | 3                                   | 3                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       |               |           |           |
| 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-4660                            | 87832-4662                      | 87832-7262                     |                                   | -                      | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 48.65     | 46.85 | 44.00 | 40.00 | 42.00 | 47.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4620                            | 87832-4622                      | 87832-7222                     | 87832-7230                        | -                      | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4621                            | 87832-4623                      | N.A                            |                                   | -                      | N.A                                 | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4670                            | 87832-4672                      | 87832-7272                     |                                   | -                      | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-4860                            | 87832-4862                      | N.A                            |                                   | -                      | N.A                                 | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 50.65     | 48.85 | 46.00 | 42.00 | 44.00 | 49.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4820                            | 87832-4822                      | N.A                            |                                   | -                      | N.A                                 | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4821                            | 87832-4823                      | N.A                            |                                   | -                      | N.A                                 | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-4870                            | 87832-4872                      | N.A                            |                                   | -                      | N.A                                 | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             | 87832-5060                            | 87832-5062                      | 87832-7462                     |                                   | -                      | 1                                   | 1                  | YES            | N.A    | YES                   | YES                        | YES  | 52.65     | 50.85 | 48.00 | 44.00 | 46.00 | 51.00 | 0.15          | 3.60±0.20 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-5020                            | 87832-5022                      | 87832-7422                     |                                   | -                      | 1                                   | 2                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-5021                            | 87832-5023                      | 87832-7423                     |                                   | -                      | 1                                   | 3                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-5070                            | 87832-5072                      | 87832-7472                     |                                   | -                      | 1                                   | 4                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       | 87832-5032                      |                                |                                   | 9,10,11,12,17,18,39,40 | 1                                   | 1                  |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-5033                            |                                 |                                | 18,17,33,34                       | 1                      | 1                                   |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 87832-5012                            | 87832-5016                      | N.A                            |                                   | -                      | N.A                                 | 2                  | YES            | N.A    | YES                   | YES                        | N.A  |           |       |       |       |       |       |               | 0.15      | 3.60±0.20 |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               | B         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               | A         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |
| <div>PLATING OPTIONS:<br/>1 - 0.05-0.13µm/2-5µin GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.<br/>2 - 0.38µm/15µin MIN. GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.<br/>3 - 0.76µm/30µin MIN. GOLD IN CONTACT AREA AND 1.88µm/75µin MIN. MATTE TIN IN SOLDER TAIL AREA OVER 1.27µm/50µin MIN. NICKEL OVERALL.<br/>4 - 2.50µm/100µin MIN. MATTE TIN OVER 1.25µm/50µin MIN. NICKEL OVERALL.</div> |             |                                       |                                 |                                |                                   |                        |                                     |                    |                |        |                       |                            |      |           |       |       |       |       |       |               |           |           |

FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

Fp

=

0

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

SCALE

GENERAL TOLERANCES (UNLESS SPECIFIED)

4 PLACES

3 PLACES

2 PLACES

1 PLACE

0 PLACES

ANGULAR TOL

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

mm

NTS

MM

INCH

±

±

±

±

±

±

±

3°

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

CURRENT REV DESC: ADDING NEW PART NUMBER

STATUS: Production

DRWN: Meghraj Boodagatti

CHK'D: Meghraj Boodagatti

APPR: Saravanakumar Murugesan

2026-06-04

2026-06-10

2026-06-10

INITIAL REVISION:

DRWN: GMENARLY

APPR: KHLIM

2015-05-22

2015-09-22

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SD-87832-0001

PSD

001

A25

A3-SIZE

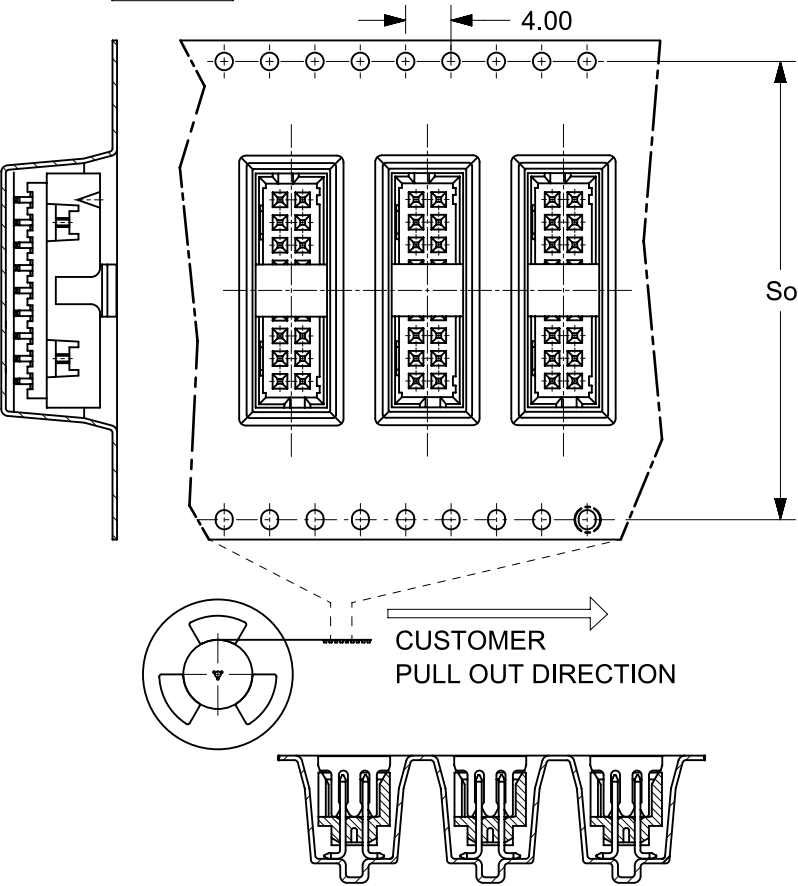
87832

GENERAL MARKET

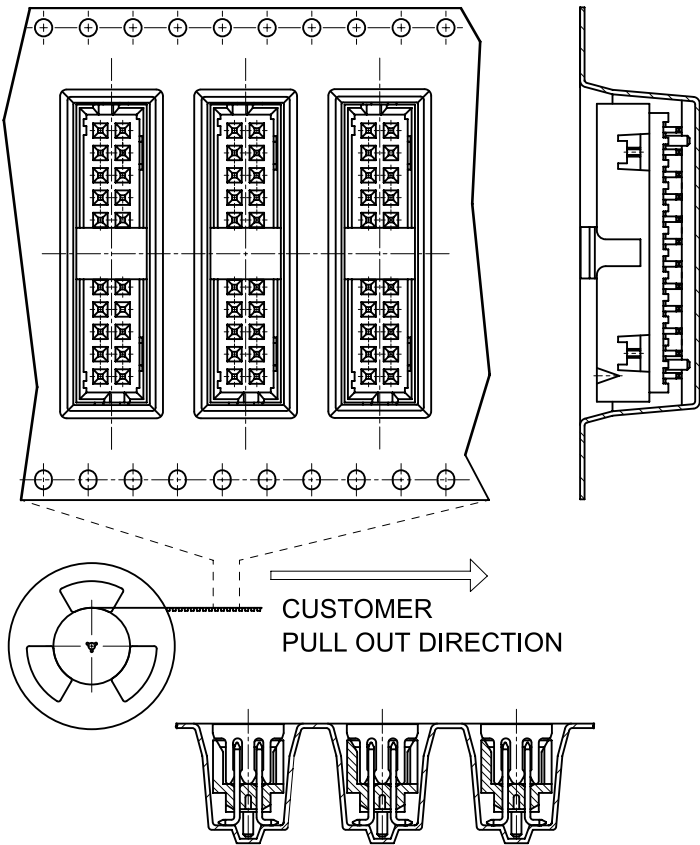
11 OF 13

PACKAGING OPTIONS

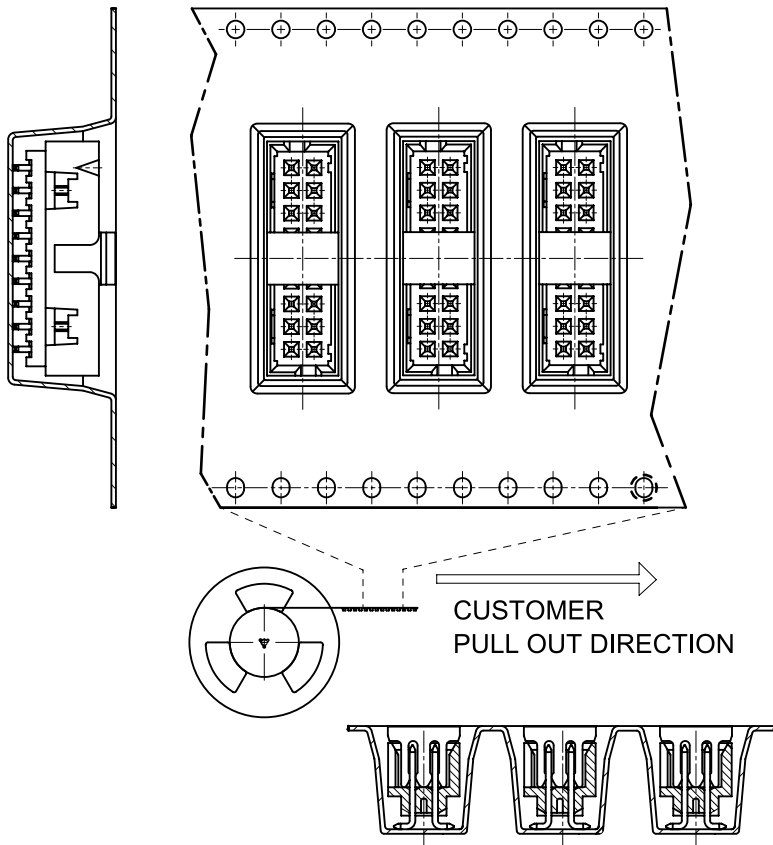
OPTION 1



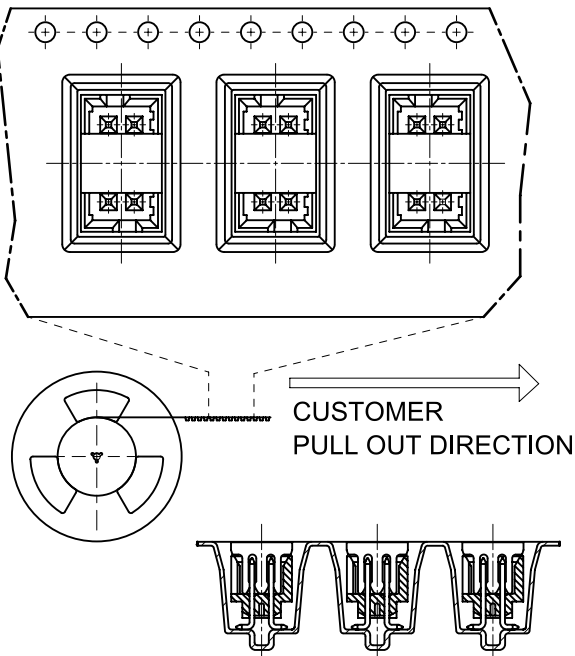
OPTION 2



OPTION 3



VIEW FOR 1 SIDE PILOT HOLE



PACKAGING SPECIFICATION TABLE

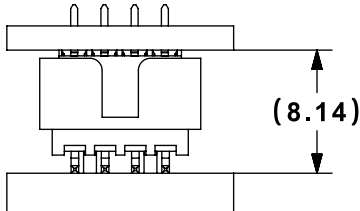
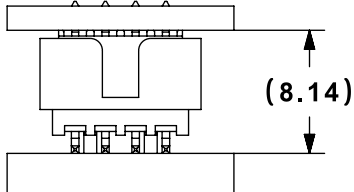
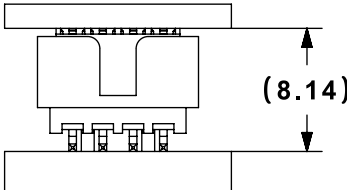
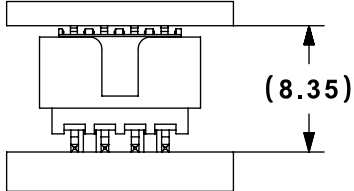
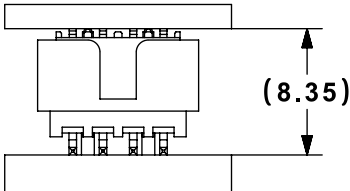
|                                                                                          |              |
|------------------------------------------------------------------------------------------|--------------|
| TAPE AND REEL PACKAGING                                                                  | PK-87832-300 |
| TUBE STANDARD PACKAGING                                                                  | PK-87831-001 |
| TUBE NON-STANDARD PACKAGING FOR:<br>87832-0411<br>87832-0824<br>87832-1072<br>87832-1412 | PK-87831-002 |

EMBOSSED TAPE & REEL POCKET DESCRIPTIONS

| OPTIONS | CENTER POLARIZATION OPTIONS |              | PEG OPTIONS |             | PILOT HOLE OPTIONS |          |
|---------|-----------------------------|--------------|-------------|-------------|--------------------|----------|
|         | ON THE LEFT                 | ON THE RIGHT | WITH PEG    | WITHOUT PEG | 2 SIDES            | 1 SIDE   |
| 1       | YES                         | N.A          | YES         | N.A         | CKT 12-50          | CKT 4-10 |
| 2       | N.A                         | YES          | YES         | YES         | CKT 12-50          | CKT 4-10 |
| 3       | YES                         | N.A          | N.A         | YES         | CKT 12-50          | CKT 4-10 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |                        |       |         |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|-----------------|------------------------------------------------------------------------------------------|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS<br><div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div> <div>DIVISIONAL SYMBOLS</div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |       |         |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DIMENSION UNITS                                                                                                                               |                        | SCALE |         | CURRENT REV DESC: ADDING NEW PART NUMBER                                                                                                                                                                                      |        |  |                 | <div>molex</div> <div>MILLIGRID</div> <div>2MM PITCH, SMT VERTICAL SHROUDED HEADER</div> |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | mm                                                                                                                                            |                        | NTS   |         |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                        |       |         | STATUS: Production<br>DRWN: Meghraj Boodagatti 2026-06-04<br>CHK'D: Meghraj Boodagatti 2026-06-10<br>APPR: Saravanakumar Murugesan 2026-06-10<br><br>INITIAL REVISION:<br>DRWN: GMENARLY 2015-05-22<br>APPR: KHLIM 2015-09-22 |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               | MM                     |       | INCH    |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4 PLACES                                                                                                                                      | ±                      | ±     | ±       |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 PLACES                                                                                                                                      | ±                      | ±     | ±       |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 PLACES                                                                                                                                      | ± 0.200                | ±     | ±       |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 PLACE                                                                                                                                       | ±                      | ±     | ±       |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0 PLACES                                                                                                                                      | ±                      | ±     | ±       |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
| ANGULAR TOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                               | ±                      | 3°    |         |                                                                                                                                                                                                                               |        |  |                 |                                                                                          |                |  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                               | THIRD ANGLE PROJECTION |       | DRAWING |                                                                                                                                                                                                                               | SERIES |  | MATERIAL NUMBER |                                                                                          | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                               |                        |       | A3-SIZE |                                                                                                                                                                                                                               | 87832  |  |                 |                                                                                          | GENERAL MARKET |  | 12 OF 13     |  |

### BOARD TO BOARD (BTB) DISTANCE

| HEADER | MATES WITH<br>(RECEPTACLE) | BTB DIST. | PICTORIAL VIEW                                                                        |
|--------|----------------------------|-----------|---------------------------------------------------------------------------------------|
| 87832  | 79107                      | 8.14      |    |
|        | 78787                      | 8.14      |    |
|        | 79108                      | 8.14      |   |
|        | 79109                      | 8.35      |  |
|        | 78788                      | 8.35      |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| FUNCTIONAL SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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