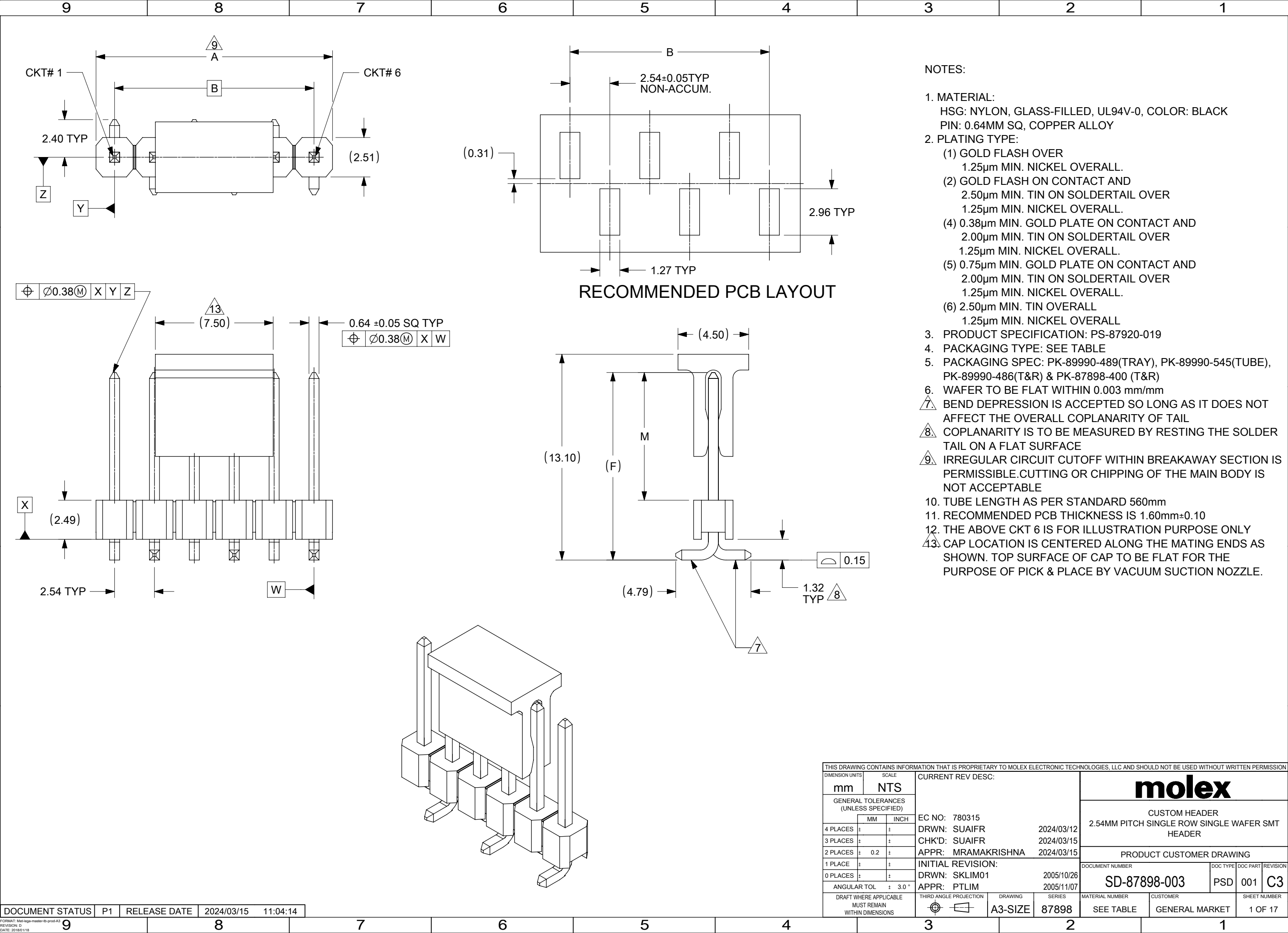
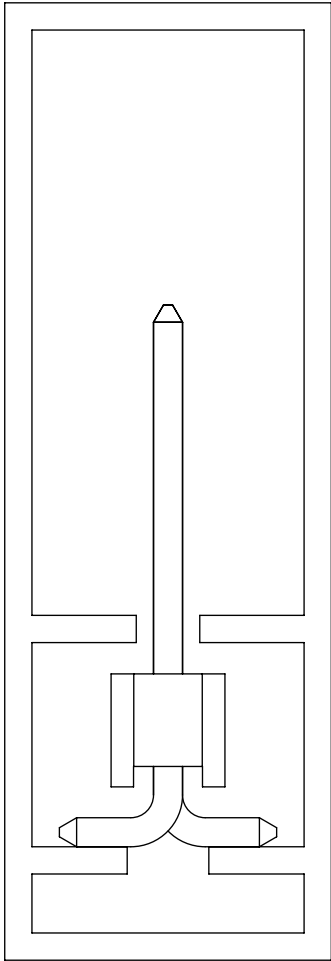




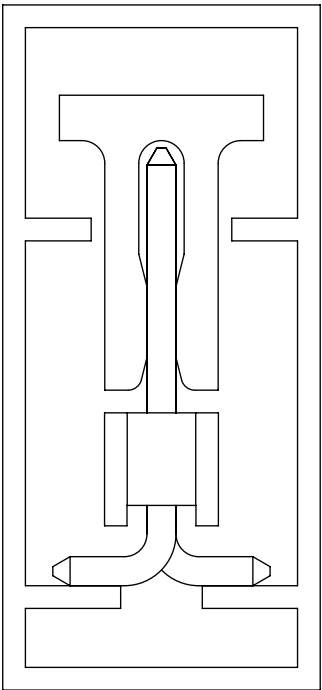
- NOTES:
- MATERIAL:  
HSG: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK  
PIN: 0.64MM SQ, COPPER ALLOY
  - PLATING TYPE:
    - GOLD FLASH OVER  
1.25µm MIN. NICKEL OVERALL.
    - GOLD FLASH ON CONTACT AND  
2.50µm MIN. TIN ON SOLDERTAIL OVER  
1.25µm MIN. NICKEL OVERALL.
    - 0.38µm MIN. GOLD PLATE ON CONTACT AND  
2.00µm MIN. TIN ON SOLDERTAIL OVER  
1.25µm MIN. NICKEL OVERALL.
    - 0.75µm MIN. GOLD PLATE ON CONTACT AND  
2.00µm MIN. TIN ON SOLDERTAIL OVER  
1.25µm MIN. NICKEL OVERALL.
    - 2.50µm MIN. TIN OVERALL  
1.25µm MIN. NICKEL OVERALL
  - PRODUCT SPECIFICATION: PS-87920-019
  - PACKAGING TYPE: SEE TABLE
  - PACKAGING SPEC: PK-89990-489(TRAY), PK-89990-545(TUBE), PK-89990-486(T&R) & PK-87898-400 (T&R)
  - WAFER TO BE FLAT WITHIN 0.003 mm/mm
  - BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
  - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
  - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE.CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
  - TUBE LENGTH AS PER STANDARD 560mm
  - RECOMMENDED PCB THICKNESS IS 1.60mm±0.10
  - THE ABOVE CKT 6 IS FOR ILLUSTRATION PURPOSE ONLY
  - CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE.

|                                                                                                                                               |   |         |      |                                                                                                       |  |         |        |                                                                         |                |                 |          |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|---------|------|-------------------------------------------------------------------------------------------------------|--|---------|--------|-------------------------------------------------------------------------|----------------|-----------------|----------|----------|----------|
| 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:                                                                                     |  |         |        | <div>molex</div>                                                        |                |                 |          |          |          |
| mm                                                                                                                                            |   | NTS     |      |                                                                                                       |  |         |        |                                                                         |                |                 |          |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |         |      | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15 |  |         |        | CUSTOM HEADER                                                           |                |                 |          |          |          |
|                                                                                                                                               |   |         |      |                                                                                                       |  |         |        | 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER                         |                |                 |          |          |          |
|                                                                                                                                               |   | MM      | INCH |                                                                                                       |  |         |        | PRODUCT CUSTOMER DRAWING                                                |                |                 |          |          |          |
| 4 PLACES                                                                                                                                      | ± |         | ±    |                                                                                                       |  |         |        | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07 |                | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 3 PLACES                                                                                                                                      | ± |         | ±    |                                                                                                       |  |         |        |                                                                         |                | SD-87898-003    | PSD      | 001      | C3       |
| 2 PLACES                                                                                                                                      | ± | 0.2     | ±    |                                                                                                       |  |         |        |                                                                         |                |                 |          |          |          |
| 1 PLACE                                                                                                                                       | ± |         | ±    |                                                                                                       |  |         |        |                                                                         |                |                 |          |          |          |
| 0 PLACES                                                                                                                                      | ± |         | ±    |                                                                                                       |  |         |        |                                                                         |                |                 |          |          |          |
| ANGULAR TOL                                                                                                                                   |   | ± 3.0 ° |      | THIRD ANGLE PROJECTION                                                                                |  | DRAWING | SERIES | MATERIAL NUMBER                                                         | CUSTOMER       | SHEET NUMBER    |          |          |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |   |         |      |                                                                                                       |  | A3-SIZE | 87898  | SEE TABLE                                                               | GENERAL MARKET | 1 OF 17         |          |          |          |

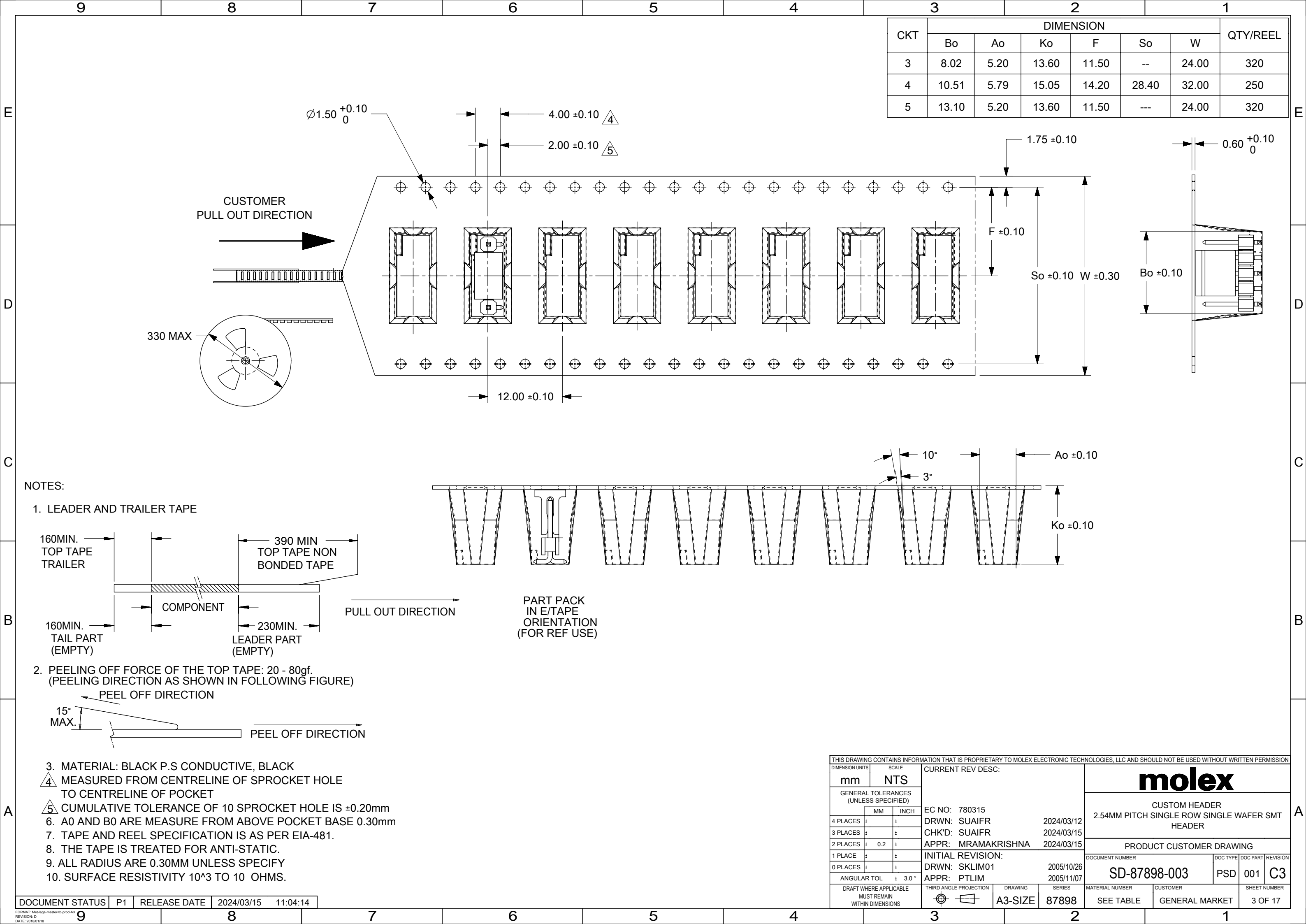
PART WITHOUT CAP  
IN TUBE  
ORIENTATION



PART WITH CAP  
IN TUBE  
ORIENTATION



|                                                                                                                                               |   |             |      |                               |       |                          |                 |                                                 |                            |                         |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------------|------|-------------------------------|-------|--------------------------|-----------------|-------------------------------------------------|----------------------------|-------------------------|--|--|
| 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:             |       |                          |                 | <b>molex</b>                                    |                            |                         |  |  |
| mm                                                                                                                                            |   | NTS         |      |                               |       |                          |                 |                                                 |                            |                         |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |             |      |                               |       |                          |                 | CUSTOM HEADER                                   |                            |                         |  |  |
|                                                                                                                                               |   | MM          | INCH |                               |       |                          |                 | 2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER |                            |                         |  |  |
| 4 PLACES                                                                                                                                      | ± |             | ±    | EC NO: 780315                 |       |                          |                 | DOCUMENT NUMBER<br><b>SD-87898-003</b>          |                            |                         |  |  |
| 3 PLACES                                                                                                                                      | ± |             | ±    | DRWN: SUAIFR 2024/03/12       |       |                          |                 |                                                 |                            |                         |  |  |
| 2 PLACES                                                                                                                                      | ± | 0.2         | ±    | CHK'D: SUAIFR 2024/03/15      |       |                          |                 |                                                 |                            |                         |  |  |
| 1 PLACE                                                                                                                                       | ± |             | ±    | APPR: MRAMAKRISHNA 2024/03/15 |       |                          |                 |                                                 |                            |                         |  |  |
| 0 PLACES                                                                                                                                      | ± |             | ±    | INITIAL REVISION:             |       |                          |                 |                                                 |                            |                         |  |  |
|                                                                                                                                               |   | ANGULAR TOL |      | ±                             | 3.0 ° | DRWN: SKLIM01 2005/10/26 |                 |                                                 |                            |                         |  |  |
|                                                                                                                                               |   |             |      | APPR: PTLIM 2005/11/07        |       |                          |                 |                                                 |                            |                         |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   |             |      | THIRD ANGLE PROJECTION<br>    |       | DRAWING<br>A3-SIZE       | SERIES<br>87898 | MATERIAL NUMBER<br>SEE TABLE                    | CUSTOMER<br>GENERAL MARKET | SHEET NUMBER<br>2 OF 17 |  |  |



| PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |      |       |      |
|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|------|-------|------|
| TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B    | F     | M    |
| -----                     | 87898-0361       | -----               | -----            | -----                      | -----                   | 3           | ----             | 1               | 7.62      | 5.08 | 11.94 | 8.13 |
| -----                     | 87898-0362       | -----               | -----            | -----                      | -----                   | 3           | ----             | 2               | 7.62      | 5.08 | 11.94 | 8.13 |
| -----                     | 87898-0364       | -----               | -----            | -----                      | 87898-0369              | 3           | ----             | 4               | 7.62      | 5.08 | 11.94 | 8.13 |
| -----                     | 87898-0365       | -----               | -----            | -----                      | -----                   | 3           | ----             | 5               | 7.62      | 5.08 | 11.94 | 8.13 |
| -----                     | 87898-0366       | -----               | 87898-0367       | -----                      | 87898-0368              | 3           | ----             | 6               | 7.62      | 5.08 | 11.94 | 8.13 |

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

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|             |         |      |
|-------------|---------|------|
|             | MM      | INCH |
| 4 PLACES    | ±       | ±    |
| 3 PLACES    | ±       | ±    |
| 2 PLACES    | ± 0.2   | ±    |
| 1 PLACE     | ±       | ±    |
| 0 PLACES    | ±       | ±    |
| ANGULAR TOL | ± 3.0 ° |      |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87898

CURRENT REV DESC:

EC NO: 780315

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2024/03/12

2024/03/15

2024/03/15

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C3

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT  
HEADER

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

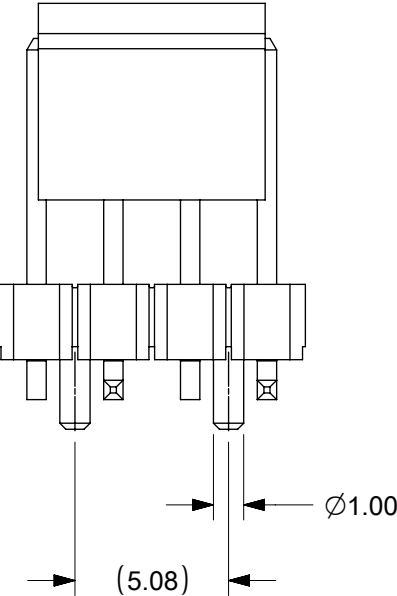
SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 17

|       |                                                                                                                                                                                                                                                                                                                                                 |                  |                     |                  |                            |                         |             |       |                  |                 |           |       |       |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|-------|------------------|-----------------|-----------|-------|-------|-------|----|---|-----------------|--|----|--------------|------------|----------|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| 9     |                                                                                                                                                                                                                                                                                                                                                 | 8                |                     | 7                |                            | 6                       |             | 5     |                  | 4               |           | 3     |       | 2     |    | 1 |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| E     | PACKAGING OPTION PART NO.                                                                                                                                                                                                                                                                                                                       |                  |                     |                  |                            |                         | CKT<br>SIZE | PEG   | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | TRAY<br>WITHOUT CAP                                                                                                                                                                                                                                                                                                                             | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |       |                  |                 | A         | B     | F     | M     |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0461          | -----            | -----                      | -----                   | 4           | ---   | ----             | 1               | 10.16     | 7.62  | 11.94 | 8.13  | C3 |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0462          | -----            | -----                      | -----                   | 4           | ---   | ----             | 2               | 10.16     | 7.62  | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0464          | -----            | -----                      | -----                   | 4           | ---   | ----             | 4               | 10.16     | 7.62  | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0465          | -----            | -----                      | -----                   | 4           | ---   | ----             | 5               | 10.16     | 7.62  | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0466          | -----            | -----                      | 87898-0467              | 4           | ---   | ----             | 6               | 10.16     | 7.62  | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | -----               | -----            | -----                      | 87898-0468              | 4           | Y     | ----             | 6               | 10.16     | 7.62  | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | -----               | -----            | 87898-0489                 | -----                   | 4           | Y     | ----             | 6               | 10.16     | 7.62  | 16.74 | 12.93 |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | 87898-0492                                                                                                                                                                                                                                                                                                                                      | -----            | -----               | -----            | -----                      | -----                   | 4           | ---   | ----             | 6               | 10.16     | 7.62  | 11.11 | 7.30  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| ----- | -----                                                                                                                                                                                                                                                                                                                                           | -----            | -----               | -----            | -----                      | -----                   | -----       | ----- | -----            | -----           | -----     | ----- | ----- |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| D     | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0561          | -----            | -----                      | -----                   | 5           | ---   | ----             | 1               | 12.70     | 10.16 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0562          | -----            | -----                      | -----                   | 5           | ---   | ----             | 2               | 12.70     | 10.16 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0564          | -----            | -----                      | -----                   | 5           | ---   | ----             | 4               | 12.70     | 10.16 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0565          | -----            | -----                      | -----                   | 5           | ---   | ----             | 5               | 12.70     | 10.16 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0566          | 87898-0567       | -----                      | 87898-0568              | 5           | ---   | ----             | 6               | 12.70     | 10.16 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | -----               | -----            | -----                      | -----                   | -----       | ----- | -----            | -----           | -----     | ----- | ----- |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| C     | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0661          | -----            | -----                      | -----                   | 6           | ---   | ----             | 1               | 15.24     | 12.70 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0662          | -----            | -----                      | -----                   | 6           | ---   | ----             | 2               | 15.24     | 12.70 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0664          | -----            | -----                      | -----                   | 6           | ---   | ----             | 4               | 15.24     | 12.70 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0665          | -----            | -----                      | -----                   | 6           | ---   | ----             | 5               | 15.24     | 12.70 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       | -----                                                                                                                                                                                                                                                                                                                                           | -----            | 87898-0666          | -----            | -----                      | 87898-0605              | 6           | ---   | ----             | 6               | 15.24     | 12.70 | 11.94 | 8.13  |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| B     | 4 CKT WITH PEG<br>FOR ILLUSTRATION ONLY                                                                                                                                                                                                                                                                                                         |                  |                     |                  |                            |                         |             |       |                  |                 |           |       |       |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|       |                                                                                                                                                                                                                                                             |                  |                     |                  |                            |                         |             |       |                  |                 |           |       |       |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| A     | <table><tr><td colspan="2">DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2024/03/15</td><td>11:04:14</td></tr><tr><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td><td colspan="2">3</td><td colspan="2">2</td><td colspan="2">1</td></tr></table> |                  |                     |                  |                            |                         |             |       |                  |                 |           |       |       |       |    |   | DOCUMENT STATUS |  | P1 | RELEASE DATE | 2024/03/15 | 11:04:14 | 9 |  | 8 |  | 7 |  | 6 |  | 5 |  | 4 |  | 3 |  | 2 |  | 1 |  |
|       | DOCUMENT STATUS                                                                                                                                                                                                                                                                                                                                 |                  | P1                  | RELEASE DATE     | 2024/03/15                 | 11:04:14                |             |       |                  |                 |           |       |       |       |    |   |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 9     |                                                                                                                                                                                                                                                                                                                                                 | 8                |                     | 7                |                            | 6                       |             | 5     |                  | 4               |           | 3     |       | 2     |    | 1 |                 |  |    |              |            |          |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |

|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|---|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|--|---|--|---|--|
| E | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |  | 2 |  | 1 |  |
|   | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |  |   |  |   |  |
|   | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |  |   |  |   |  |
|   | -----                     | -----            | 87898-0761          | -----            | -----                      | -----                   | 7           | ----             | 1               | 17.78     | 15.24 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0762          | -----            | -----                      | -----                   | 7           | ----             | 2               | 17.78     | 15.24 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0764          | -----            | -----                      | -----                   | 7           | ----             | 4               | 17.78     | 15.24 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0765          | -----            | -----                      | -----                   | 7           | ----             | 5               | 17.78     | 15.24 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0766          | -----            | -----                      | -----                   | 7           | ----             | 6               | 17.78     | 15.24 | 11.94 | 8.13 |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| D | -----                     | -----            | 87898-0861          | -----            | -----                      | -----                   | 8           | ----             | 1               | 20.32     | 17.78 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0862          | -----            | -----                      | -----                   | 8           | ----             | 2               | 20.32     | 17.78 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0864          | -----            | -----                      | -----                   | 8           | ----             | 4               | 20.32     | 17.78 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0865          | -----            | -----                      | -----                   | 8           | ----             | 5               | 20.32     | 17.78 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0866          | -----            | -----                      | -----                   | 8           | ----             | 6               | 20.32     | 17.78 | 11.94 | 8.13 |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| C |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   | -----                     | -----            | 87898-0961          | -----            | -----                      | -----                   | 9           | ----             | 1               | 22.86     | 20.32 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0962          | -----            | -----                      | -----                   | 9           | ----             | 2               | 22.86     | 20.32 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0964          | -----            | -----                      | -----                   | 9           | ----             | 4               | 22.86     | 20.32 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0965          | -----            | -----                      | -----                   | 9           | ----             | 5               | 22.86     | 20.32 | 11.94 | 8.13 |  |   |  |   |  |
|   | -----                     | -----            | 87898-0966          | -----            | -----                      | -----                   | 9           | ----             | 6               | 22.86     | 20.32 | 11.94 | 8.13 |  |   |  |   |  |
| B |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| A | DOCUMENT STATUS           |                  | P1                  | RELEASE DATE     |                            | 2024/03/15              |             | 11:04:14         |                 |           |       |       |      |  |   |  |   |  |
|   | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |  | 2 |  | 1 |  |

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

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|             |         |      |
|-------------|---------|------|
|             | MM      | INCH |
| 4 PLACES    | ±       | ±    |
| 3 PLACES    | ±       | ±    |
| 2 PLACES    | ± 0.2   | ±    |
| 1 PLACE     | ±       | ±    |
| 0 PLACES    | ±       | ±    |
| ANGULAR TOL | ± 3.0 ° |      |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

CURRENT REV DESC:

EC NO: 780315

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2024/03/12

2024/03/15

2024/03/15

INITIAL REVISION:

DRWN: SKLIM01

APPR: PTLIM

2005/10/26

2005/11/07

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C3

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

6 OF 17

DRAWING

A3-SIZE

SERIES

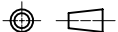
87898

FORMAT: Mef-lega-master-ib-prod-A3

REVISION: D

DATE: 2018/01/18

|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|------------------------------------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|---|---|---|---|--|
| E                                  | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |   | 2 |   | 1 |  |
|                                    | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |   |   |   |   |  |
|                                    | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1061          | -----            | -----                      | -----                   | 10          | ----             | 1               | 25.40     | 22.86 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1062          | -----            | -----                      | -----                   | 10          | ----             | 2               | 25.40     | 22.86 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1064          | -----            | -----                      | -----                   | 10          | ----             | 4               | 25.40     | 22.86 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1065          | -----            | -----                      | -----                   | 10          | ----             | 5               | 25.40     | 22.86 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1066          | -----            | -----                      | -----                   | 10          | ----             | 6               | 25.40     | 22.86 | 11.94 | 8.13 |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| D                                  | -----                     | -----            | 87898-1161          | -----            | -----                      | -----                   | 11          | ----             | 1               | 27.94     | 25.40 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1162          | -----            | -----                      | -----                   | 11          | ----             | 2               | 27.94     | 25.40 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1164          | -----            | -----                      | -----                   | 11          | ----             | 4               | 27.94     | 25.40 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1165          | -----            | -----                      | -----                   | 11          | ----             | 5               | 27.94     | 25.40 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1166          | -----            | -----                      | -----                   | 11          | ----             | 6               | 27.94     | 25.40 | 11.94 | 8.13 |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| C                                  |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1261          | -----            | -----                      | -----                   | 12          | ----             | 1               | 30.48     | 27.94 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1262          | -----            | -----                      | -----                   | 12          | ----             | 2               | 30.48     | 27.94 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1264          | -----            | -----                      | -----                   | 12          | ----             | 4               | 30.48     | 27.94 | 11.94 | 8.13 |   |   |   |   |  |
|                                    | -----                     | -----            | 87898-1265          | -----            | -----                      | -----                   | 12          | ----             | 5               | 30.48     | 27.94 | 11.94 | 8.13 |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            | 12                      | ----        | 6                | 30.48           | 27.94     | 11.94 | 8.13  |      |   |   |   |   |  |
| B                                  |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| A                                  |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| DOCUMENT STATUS                    |                           | P1               | RELEASE DATE        |                  | 2024/03/15                 | 11:04:14                |             |                  |                 |           |       |       |      |   |   |   |   |  |
| 9                                  |                           | 8                |                     | 7                |                            | 6                       |             | 5                |                 | 4         |       | 3     |      | 2 |   | 1 |   |  |
| FORMAT: Mef-lega-master-ib-prod-A3 |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| REVISION: D                        |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |
| DATE: 2018/01/18                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |  |

|                                                                                                                                               |       |       |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|--------------------|---------------------------------|------------------------------------------------------------------|--|----------------------------|-----------------|-------------------------|----------------|
| 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:                                                                                               |  |                    |                                 | <div>molex</div>                                                 |  |                            |                 |                         |                |
| mm                                                                                                                                            |       | NTS   |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |       |                                                                         | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15           |  |                    |                                 | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER |  |                            |                 |                         |                |
|                                                                                                                                               | MM    | INCH  |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| 4 PLACES                                                                                                                                      | ±     | ±     |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| 3 PLACES                                                                                                                                      | ±     | ±     |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| 2 PLACES                                                                                                                                      | ± 0.2 | ±     |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| 1 PLACE                                                                                                                                       | ±     | ±     |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| 0 PLACES                                                                                                                                      | ±     | ±     | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07 |                                                                                                                 |  |                    | DOCUMENT NUMBER<br>SD-87898-003 |                                                                  |  |                            | DOC TYPE<br>PSD | DOC PART<br>001         | REVISION<br>C3 |
| ANGULAR TOL ± 3.0 °                                                                                                                           |       |       |                                                                         |                                                                                                                 |  |                    |                                 |                                                                  |  |                            |                 |                         |                |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |       |       |                                                                         | THIRD ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE | SERIES<br>87898                 | MATERIAL NUMBER<br>SEE TABLE                                     |  | CUSTOMER<br>GENERAL MARKET |                 | SHEET NUMBER<br>7 OF 17 |                |

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

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|             |         |      |
|-------------|---------|------|
|             | MM      | INCH |
| 4 PLACES    | ±       | ±    |
| 3 PLACES    | ±       | ±    |
| 2 PLACES    | ± 0.2   | ±    |
| 1 PLACE     | ±       | ±    |
| 0 PLACES    | ±       | ±    |
| ANGULAR TOL | ± 3.0 ° |      |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

CURRENT REV DESC:

EC NO: 780315

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2024/03/12

2024/03/15

2024/03/15

INITIAL REVISION:

DRWN: SKLIM01

APPR: PTLIM

2005/10/26

2005/11/07

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C3

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

7 OF 17

DOCUMENT STATUS

P1

RELEASE DATE

2024/03/15

11:04:14

|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|---------------------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|--|---|--|---|--|
| E                   | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |  | 2 |  | 1 |  |
|                     | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |  |   |  |   |  |
| TRAY<br>WITHOUT CAP |                           | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1361          | -----            | -----                      | -----                   | 13          | ----             | 1               | 33.02     | 30.48 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1362          | -----            | -----                      | -----                   | 13          | ----             | 2               | 33.02     | 30.48 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1364          | -----            | -----                      | -----                   | 13          | ----             | 4               | 33.02     | 30.48 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1365          | -----            | -----                      | -----                   | 13          | ----             | 5               | 33.02     | 30.48 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1366          | -----            | -----                      | -----                   | 13          | ----             | 6               | 33.02     | 30.48 | 11.94 | 8.13 |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| D                   | -----                     | -----            | 87898-1461          | -----            | -----                      | -----                   | 14          | ----             | 1               | 35.56     | 33.02 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1462          | -----            | -----                      | -----                   | 14          | ----             | 2               | 35.56     | 33.02 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1464          | -----            | -----                      | -----                   | 14          | ----             | 4               | 35.56     | 33.02 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1465          | -----            | -----                      | -----                   | 14          | ----             | 5               | 35.56     | 33.02 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1466          | -----            | -----                      | -----                   | 14          | ----             | 6               | 35.56     | 33.02 | 11.94 | 8.13 |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| C                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1561          | -----            | -----                      | -----                   | 15          | ----             | 1               | 38.10     | 35.56 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1562          | -----            | -----                      | -----                   | 15          | ----             | 2               | 38.10     | 35.56 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1564          | -----            | -----                      | -----                   | 15          | ----             | 4               | 38.10     | 35.56 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1565          | -----            | -----                      | -----                   | 15          | ----             | 5               | 38.10     | 35.56 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-1566          | -----            | -----                      | -----                   | 15          | ----             | 6               | 38.10     | 35.56 | 11.94 | 8.13 |  |   |  |   |  |
| B                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| A                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |

|                                                                                                                                               |       |       |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|--------------------|---------------------------------|------------------------------------------------------------------|--|------------------------------|--|----------------------------|--|-------------------------|--|
| 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:                                                                                     |  |                    |                                 | <div>molex</div>                                                 |  |                              |  |                            |  |                         |  |
| mm                                                                                                                                            |       | NTS   |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |       |                                                                         | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15 |  |                    |                                 | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER |  |                              |  |                            |  |                         |  |
|                                                                                                                                               | MM    | INCH  |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| 4 PLACES                                                                                                                                      | ±     | ±     |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| 3 PLACES                                                                                                                                      | ±     | ±     |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| 2 PLACES                                                                                                                                      | ± 0.2 | ±     |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| 1 PLACE                                                                                                                                       | ±     | ±     |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| 0 PLACES                                                                                                                                      | ±     | ±     | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07 |                                                                                                       |  |                    | DOCUMENT NUMBER<br>SD-87898-003 |                                                                  |  |                              |  |                            |  |                         |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |       |       |                                                                         |                                                                                                       |  |                    |                                 |                                                                  |  |                              |  |                            |  |                         |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |       |       |                                                                         | THIRD ANGLE PROJECTION                                                                                |  | DRAWING<br>A3-SIZE |                                 | SERIES<br>87898                                                  |  | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>8 OF 17 |  |

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| 9 |  | 8 |  | 7 |  | 6 |  | 5 |  | 4 |  | 3 |  | 2 |  | 1 |  |
|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|

|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
|------------------------------------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|---|---|---|---|---|---|---|--|---|--|---|--|
| E                                  | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |   | 2 |   | 1 |   | E |   |  |   |  |   |  |
|                                    | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1661          | -----            | -----                      | -----                   | 16          | ----             | 1               | 40.64     | 38.10 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1662          | -----            | -----                      | -----                   | 16          | ----             | 2               | 40.64     | 38.10 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1664          | -----            | -----                      | -----                   | 16          | ----             | 4               | 40.64     | 38.10 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1665          | -----            | -----                      | -----                   | 16          | ----             | 5               | 40.64     | 38.10 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1666          | -----            | -----                      | -----                   | 16          | ----             | 6               | 40.64     | 38.10 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| D                                  | -----                     | -----            | 87898-1761          | -----            | -----                      | -----                   | 17          | ----             | 1               | 43.18     | 40.64 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1762          | -----            | -----                      | -----                   | 17          | ----             | 2               | 43.18     | 40.64 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1764          | -----            | -----                      | -----                   | 17          | ----             | 4               | 43.18     | 40.64 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1765          | -----            | -----                      | -----                   | 17          | ----             | 5               | 43.18     | 40.64 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1766          | -----            | -----                      | -----                   | 17          | ----             | 6               | 43.18     | 40.64 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| C                                  | -----                     | -----            | 87898-1861          | -----            | -----                      | -----                   | 18          | ----             | 1               | 45.72     | 43.18 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1862          | -----            | -----                      | -----                   | 18          | ----             | 2               | 45.72     | 43.18 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1864          | -----            | -----                      | -----                   | 18          | ----             | 4               | 45.72     | 43.18 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1865          | -----            | -----                      | -----                   | 18          | ----             | 5               | 45.72     | 43.18 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
|                                    | -----                     | -----            | 87898-1866          | -----            | -----                      | -----                   | 18          | ----             | 6               | 45.72     | 43.18 | 11.94 | 8.13 |   |   |   |   |   |   |   |  |   |  |   |  |
| B                                  |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   | B |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| A                                  |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   | A |   |  |   |  |   |  |
|                                    |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| DOCUMENT STATUS                    |                           | P1               | RELEASE DATE        |                  | 2024/03/15                 | 11:04:14                |             | 9                |                 | 8         |       | 7     |      | 6 |   | 5 |   | 4 |   | 3 |  | 2 |  | 1 |  |
| FORMAT: Maf-lega-master-ib-prod-A3 |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| REVISION: D                        |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |
| DATE: 2018/01/18                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |   |   |   |   |   |   |   |  |   |  |   |  |

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|-------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|-------|------|--|---|--|
| 9     |                           | 8                |                     | 7                |                            | 6                       |             | 5                |                 | 4         |       | 3     |       | 2    |  | 1 |  |
| E     | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |       |      |  |   |  |
|       | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M     |      |  |   |  |
|       | -----                     | -----            | 87898-1961          | -----            | -----                      | -----                   | 19          | ----             | 1               | 48.26     | 45.72 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-1962          | -----            | -----                      | -----                   | 19          | ----             | 2               | 48.26     | 45.72 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-1964          | -----            | -----                      | -----                   | 19          | ----             | 4               | 48.26     | 45.72 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-1965          | -----            | -----                      | -----                   | 19          | ----             | 5               | 48.26     | 45.72 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-1966          | -----            | -----                      | -----                   | 19          | ----             | 6               | 48.26     | 45.72 | 11.94 | 8.13  |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       | D                         | -----            | -----               | 87898-2061       | -----                      | -----                   | -----       | 20               | ----            | 1         | 50.80 | 48.26 | 11.94 | 8.13 |  |   |  |
| ----- |                           | -----            | 87898-2062          | -----            | -----                      | -----                   | 20          | ----             | 2               | 50.80     | 48.26 | 11.94 | 8.13  |      |  |   |  |
| ----- |                           | -----            | 87898-2064          | -----            | -----                      | -----                   | 20          | ----             | 4               | 50.80     | 48.26 | 11.94 | 8.13  |      |  |   |  |
| ----- |                           | -----            | 87898-2065          | -----            | -----                      | -----                   | 20          | ----             | 5               | 50.80     | 48.26 | 11.94 | 8.13  |      |  |   |  |
| ----- |                           | -----            | 87898-2066          | -----            | -----                      | -----                   | 20          | ----             | 6               | 50.80     | 48.26 | 11.94 | 8.13  |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
| C     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       | -----                     | -----            | 87898-2161          | -----            | -----                      | -----                   | 21          | ----             | 1               | 53.34     | 50.80 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-2162          | -----            | -----                      | -----                   | 21          | ----             | 2               | 53.34     | 50.80 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-2164          | -----            | -----                      | -----                   | 21          | ----             | 4               | 53.34     | 50.80 | 11.94 | 8.13  |      |  |   |  |
|       | -----                     | -----            | 87898-2165          | -----            | -----                      | -----                   | 21          | ----             | 5               | 53.34     | 50.80 | 11.94 | 8.13  |      |  |   |  |
| ----- | -----                     | 87898-2166       | -----               | -----            | -----                      | 21                      | ----        | 6                | 53.34           | 50.80     | 11.94 | 8.13  |       |      |  |   |  |
| B     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
| A     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
|       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |      |  |   |  |
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| E                                                                                                                                             | 9                         |                  | 8                   |                                                                                                       | 7                          |                         | 6           |                                                                     | 5               |                    | 4     |                 | 3    |                              | 2 |                            | 1 |                          |  |
|                                                                                                                                               | PACKAGING OPTION PART NO. |                  |                     |                                                                                                       |                            |                         | CKT<br>SIZE | VOID<br>POSITION                                                    | PLATING<br>TYPE | DIMENSION          |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP                                                                                      | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                                                                     |                 | A                  | B     | F               | M    |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2261          | -----                                                                                                 | -----                      | -----                   | 22          | ----                                                                | 1               | 55.88              | 53.34 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2262          | -----                                                                                                 | -----                      | -----                   | 22          | ----                                                                | 2               | 55.88              | 53.34 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2264          | -----                                                                                                 | -----                      | -----                   | 22          | ----                                                                | 4               | 55.88              | 53.34 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2265          | -----                                                                                                 | -----                      | -----                   | 22          | ----                                                                | 5               | 55.88              | 53.34 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2266          | -----                                                                                                 | -----                      | -----                   | 22          | ----                                                                | 6               | 55.88              | 53.34 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| D                                                                                                                                             | -----                     | -----            | 87898-2361          | -----                                                                                                 | -----                      | -----                   | 23          | ----                                                                | 1               | 58.42              | 55.88 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2362          | -----                                                                                                 | -----                      | -----                   | 23          | ----                                                                | 2               | 58.42              | 55.88 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2364          | -----                                                                                                 | -----                      | -----                   | 23          | ----                                                                | 4               | 58.42              | 55.88 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2365          | -----                                                                                                 | -----                      | -----                   | 23          | ----                                                                | 5               | 58.42              | 55.88 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2366          | -----                                                                                                 | -----                      | -----                   | 23          | ----                                                                | 6               | 58.42              | 55.88 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| C                                                                                                                                             |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2461          | -----                                                                                                 | -----                      | -----                   | 24          | ----                                                                | 1               | 60.96              | 58.42 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2462          | -----                                                                                                 | -----                      | -----                   | 24          | ----                                                                | 2               | 60.96              | 58.42 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2464          | -----                                                                                                 | -----                      | -----                   | 24          | ----                                                                | 4               | 60.96              | 58.42 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2465          | -----                                                                                                 | -----                      | -----                   | 24          | ----                                                                | 5               | 60.96              | 58.42 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
|                                                                                                                                               | -----                     | -----            | 87898-2466          | -----                                                                                                 | -----                      | -----                   | 24          | ----                                                                | 6               | 60.96              | 58.42 | 11.94           | 8.13 |                              |   |                            |   |                          |  |
| B                                                                                                                                             |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| A                                                                                                                                             |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| DOCUMENT STATUS                                                                                                                               |                           | P1               | RELEASE DATE        |                                                                                                       | 2024/03/15                 | 11:04:14                |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| 9                                                                                                                                             |                           | 8                |                     | 7                                                                                                     |                            | 6                       |             | 5                                                                   |                 | 4                  |       | 3               |      | 2                            |   | 1                          |   |                          |  |
| 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:                                                                                     |                            |                         |             | <div>molex</div>                                                    |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| mm                                                                                                                                            |                           | NTS              |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                           |                  |                     | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15 |                            |                         |             | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT<br>HEADER |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           | MM               | INCH                |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| 4 PLACES                                                                                                                                      | ±                         |                  | ±                   | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07                               |                            |                         |             | DOCUMENT NUMBER<br>SD-87898-003                                     |                 |                    |       | DOC TYPE<br>PSD |      | DOC PART<br>001              |   | REVISION<br>C3             |   |                          |  |
| 3 PLACES                                                                                                                                      | ±                         |                  | ±                   |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| 2 PLACES                                                                                                                                      | ±                         | 0.2              | ±                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                            |                            |                         |             | THIRD ANGLE PROJECTION<br>                                          |                 | DRAWING<br>A3-SIZE |       | SERIES<br>87898 |      | MATERIAL NUMBER<br>SEE TABLE |   | CUSTOMER<br>GENERAL MARKET |   | SHEET NUMBER<br>11 OF 17 |  |
| 1 PLACE                                                                                                                                       | ±                         |                  | ±                   |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| 0 PLACES                                                                                                                                      | ±                         |                  | ±                   | ANGULAR TOL ± 3.0 °                                                                                   |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
|                                                                                                                                               |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |
| FORMAT: Mef-lega-master-ib-prod-A3<br>REVISION: D<br>DATE: 2018/01/18                                                                         |                           |                  |                     |                                                                                                       |                            |                         |             |                                                                     |                 |                    |       |                 |      |                              |   |                            |   |                          |  |

[illegible]



|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|---------------------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|--|---|--|---|--|
| E                   | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |  | 2 |  | 1 |  |
|                     | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |  |   |  |   |  |
| TRAY<br>WITHOUT CAP |                           | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3161          | -----            | -----                      | -----                   | 31          | ----             | 1               | 78.74     | 76.20 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3162          | -----            | -----                      | -----                   | 31          | ----             | 2               | 78.74     | 76.20 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3164          | -----            | -----                      | -----                   | 31          | ----             | 4               | 78.74     | 76.20 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3165          | -----            | -----                      | -----                   | 31          | ----             | 5               | 78.74     | 76.20 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3166          | -----            | -----                      | -----                   | 31          | ----             | 6               | 78.74     | 76.20 | 11.94 | 8.13 |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| D                   | -----                     | -----            | 87898-3261          | -----            | -----                      | -----                   | 32          | ----             | 1               | 81.28     | 78.74 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3262          | -----            | -----                      | -----                   | 32          | ----             | 2               | 81.28     | 78.74 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3264          | -----            | -----                      | -----                   | 32          | ----             | 4               | 81.28     | 78.74 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3265          | -----            | -----                      | -----                   | 32          | ----             | 5               | 81.28     | 78.74 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3266          | -----            | -----                      | -----                   | 32          | ----             | 6               | 81.28     | 78.74 | 11.94 | 8.13 |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| C                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3361          | -----            | -----                      | -----                   | 33          | ----             | 1               | 83.82     | 81.28 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3362          | -----            | -----                      | -----                   | 33          | ----             | 2               | 83.82     | 81.28 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3364          | -----            | -----                      | -----                   | 33          | ----             | 4               | 83.82     | 81.28 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3365          | -----            | -----                      | -----                   | 33          | ----             | 5               | 83.82     | 81.28 | 11.94 | 8.13 |  |   |  |   |  |
|                     | -----                     | -----            | 87898-3366          | -----            | -----                      | -----                   | 33          | ----             | 6               | 83.82     | 81.28 | 11.94 | 8.13 |  |   |  |   |  |
| B                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
| A                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |
|                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |

|                                                                                                                                               |    |       |   |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|---|-------------------------------------------------------------------------------------------------------|--|---------|--------|------------------------------------------------------------------------------------------------------|----------------|----------|--------------|----------|--|--|--|
| 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:                                                                                     |  |         |        | <div>molex</div> <div>CUSTOM HEADER</div> <div>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER</div> |                |          |              |          |  |  |  |
| mm                                                                                                                                            |    | NTS   |   |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |       |   |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
|                                                                                                                                               | MM | INCH  |   |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
| 4 PLACES                                                                                                                                      | ±  |       | ± | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15 |  |         |        | PRODUCT CUSTOMER DRAWING                                                                             |                |          |              |          |  |  |  |
| 3 PLACES                                                                                                                                      | ±  |       | ± |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
| 2 PLACES                                                                                                                                      | ±  | 0.2   | ± |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
| 1 PLACE                                                                                                                                       | ±  |       | ± |                                                                                                       |  |         |        |                                                                                                      |                |          |              |          |  |  |  |
| 0 PLACES                                                                                                                                      | ±  |       | ± | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07                               |  |         |        | DOCUMENT NUMBER                                                                                      |                | DOC TYPE | DOC PART     | REVISION |  |  |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |    |       |   |                                                                                                       |  |         |        | SD-87898-003                                                                                         |                | PSD      | 001          | C3       |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |       |   | THIRD ANGLE PROJECTION                                                                                |  | DRAWING | SERIES | MATERIAL NUMBER                                                                                      | CUSTOMER       |          | SHEET NUMBER |          |  |  |  |
|                                                                                                                                               |    |       |   |                                                                                                       |  | A3-SIZE | 87898  | SEE TABLE                                                                                            | GENERAL MARKET |          | 14 OF 17     |          |  |  |  |

|                 |    |              |            |          |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/03/15 | 11:04:14 |   |   |   |   |   |   |
| 9               |    | 8            |            | 7        | 6 | 5 | 4 | 3 | 2 | 1 |

|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
|---|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|--|---|--|---|--|---|
| E | 9                         |                  | 8                   |                  | 7                          |                         | 6           |                  | 5               |           | 4     |       | 3    |  | 2 |  | 1 |  | E |
|   | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |  |   |  |   |  |   |
|   | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | F     | M    |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3461          | -----            | -----                      | -----                   | 34          | ----             | 1               | 86.36     | 83.82 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3462          | -----            | -----                      | -----                   | 34          | ----             | 2               | 86.36     | 83.82 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3464          | -----            | -----                      | -----                   | 34          | ----             | 4               | 86.36     | 83.82 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3465          | -----            | -----                      | -----                   | 34          | ----             | 5               | 86.36     | 83.82 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3466          | -----            | -----                      | -----                   | 34          | ----             | 6               | 86.36     | 83.82 | 11.94 | 8.13 |  |   |  |   |  |   |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
| D | -----                     | -----            | 87898-3561          | -----            | -----                      | -----                   | 35          | ----             | 1               | 88.90     | 86.36 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3562          | -----            | -----                      | -----                   | 35          | ----             | 2               | 88.90     | 86.36 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3564          | -----            | -----                      | -----                   | 35          | ----             | 4               | 88.90     | 86.36 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3565          | -----            | -----                      | -----                   | 35          | ----             | 5               | 88.90     | 86.36 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3566          | -----            | -----                      | -----                   | 35          | ----             | 6               | 88.90     | 86.36 | 11.94 | 8.13 |  |   |  |   |  |   |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
| C | -----                     | -----            | 87898-3661          | -----            | -----                      | -----                   | 36          | ----             | 1               | 91.44     | 88.90 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3662          | -----            | -----                      | -----                   | 36          | ----             | 2               | 91.44     | 88.90 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3664          | -----            | -----                      | -----                   | 36          | ----             | 4               | 91.44     | 88.90 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3665          | -----            | -----                      | -----                   | 36          | ----             | 5               | 91.44     | 88.90 | 11.94 | 8.13 |  |   |  |   |  |   |
|   | -----                     | -----            | 87898-3666          | -----            | -----                      | -----                   | 36          | ----             | 6               | 91.44     | 88.90 | 11.94 | 8.13 |  |   |  |   |  |   |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
| B |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  | B |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |
| A |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  | A |
|   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |  |   |  |   |  |   |

|                                                                                                                                               |    |       |   |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|---|-------------------------------------------------------------------------------------------------------|--|--------------------|--|-----------------|--|------------------------------------------------------------------|--|--|--|----------------------------|--|--|--|--------------------------|--|-----------------|--|----------------|--|
| 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:                                                                                     |  |                    |  |                 |  | <div>molex</div>                                                 |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| mm                                                                                                                                            |    | NTS   |   |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |       |   | EC NO: 780315<br>DRWN: SUAIFR 2024/03/12<br>CHK'D: SUAIFR 2024/03/15<br>APPR: MRAMAKRISHNA 2024/03/15 |  |                    |  |                 |  | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT HEADER |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
|                                                                                                                                               | MM | INCH  |   |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| 4 PLACES                                                                                                                                      | ±  |       | ± |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| 3 PLACES                                                                                                                                      | ±  |       | ± |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| 2 PLACES                                                                                                                                      | ±  | 0.2   | ± |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| 1 PLACE                                                                                                                                       | ±  |       | ± |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| 0 PLACES                                                                                                                                      | ±  |       | ± | INITIAL REVISION:<br>DRWN: SKLIM01 2005/10/26<br>APPR: PTLIM 2005/11/07                               |  |                    |  |                 |  | DOCUMENT NUMBER<br>SD-87898-003                                  |  |  |  |                            |  |  |  | DOC TYPE<br>PSD          |  | DOC PART<br>001 |  | REVISION<br>C3 |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |    |       |   |                                                                                                       |  |                    |  |                 |  |                                                                  |  |  |  |                            |  |  |  |                          |  |                 |  |                |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |       |   | THIRD ANGLE PROJECTION                                                                                |  | DRAWING<br>A3-SIZE |  | SERIES<br>87898 |  | MATERIAL NUMBER<br>SEE TABLE                                     |  |  |  | CUSTOMER<br>GENERAL MARKET |  |  |  | SHEET NUMBER<br>15 OF 17 |  |                 |  |                |  |

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| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/03/15 | 11:04:14 |
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|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|----|------|---|-------|-------|-------|------|--|-------------|------------------|-----------------|------------|----------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 9                         |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  | 8           |                  |                 |            |          |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION  |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP | A  | B    | F | M     |       |       |      |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3761          | -----            | -----                      | -----                   | 37 | ---- | 1 | 93.98 | 91.44 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3762          | -----            | -----                      | -----                   | 37 | ---- | 2 | 93.98 | 91.44 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3764          | -----            | -----                      | -----                   | 37 | ---- | 4 | 93.98 | 91.44 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3765          | -----            | -----                      | -----                   | 37 | ---- | 5 | 93.98 | 91.44 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3766          | -----            | -----                      | -----                   | 37 | ---- | 6 | 93.98 | 91.44 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3861          | -----            | -----                      | -----                   | 38 | ---- | 1 | 96.52 | 93.98 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3862          | -----            | -----                      | -----                   | 38 | ---- | 2 | 96.52 | 93.98 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3864          | -----            | -----                      | -----                   | 38 | ---- | 4 | 96.52 | 93.98 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3865          | -----            | -----                      | -----                   | 38 | ---- | 5 | 96.52 | 93.98 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3866          | -----            | -----                      | -----                   | 38 | ---- | 6 | 96.52 | 93.98 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3961          | -----            | -----                      | -----                   | 39 | ---- | 1 | 99.06 | 96.52 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3962          | -----            | -----                      | -----                   | 39 | ---- | 2 | 99.06 | 96.52 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3964          | -----            | -----                      | -----                   | 39 | ---- | 4 | 99.06 | 96.52 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3965          | -----            | -----                      | -----                   | 39 | ---- | 5 | 99.06 | 96.52 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -----                     | -----            | 87898-3966          | -----            | -----                      | -----                   | 39 | ---- | 6 | 99.06 | 96.52 | 11.94 | 8.13 |  |             |                  |                 |            |          |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DOCUMENT STATUS           |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  | P1          | RELEASE DATE     |                 | 2024/03/15 | 11:04:14 |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                         |                  |                     |                  |                            |                         |    |      |   |       |       |       |      |  | 8           |                  |                 |            |          |  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|             |         |      |
|-------------|---------|------|
|             | MM      | INCH |
| 4 PLACES    | ±       | ±    |
| 3 PLACES    | ±       | ±    |
| 2 PLACES    | ± 0.2   | ±    |
| 1 PLACE     | ±       | ±    |
| 0 PLACES    | ±       | ±    |
| ANGULAR TOL | ± 3.0 ° |      |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87898

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

16 OF 17

CURRENT REV DESC:

EC NO: 780315

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2024/03/12

2024/03/15

2024/03/15

INITIAL REVISION:

DRWN: SKLIM01

APPR: PTLIM

2005/10/26

2005/11/07

DOCUMENT NUMBER

SD-87898-003

DOC TYPE

PSD

DOC PART

001

REVISION

C3

molex

CUSTOM HEADER

2.54MM PITCH SINGLE ROW SINGLE WAFER SMT  
HEADER

PRODUCT CUSTOMER DRAWING

FORMAT: Mef-lega-master-ib-prod-A3

REVISION: D

DATE: 2018/01/18

