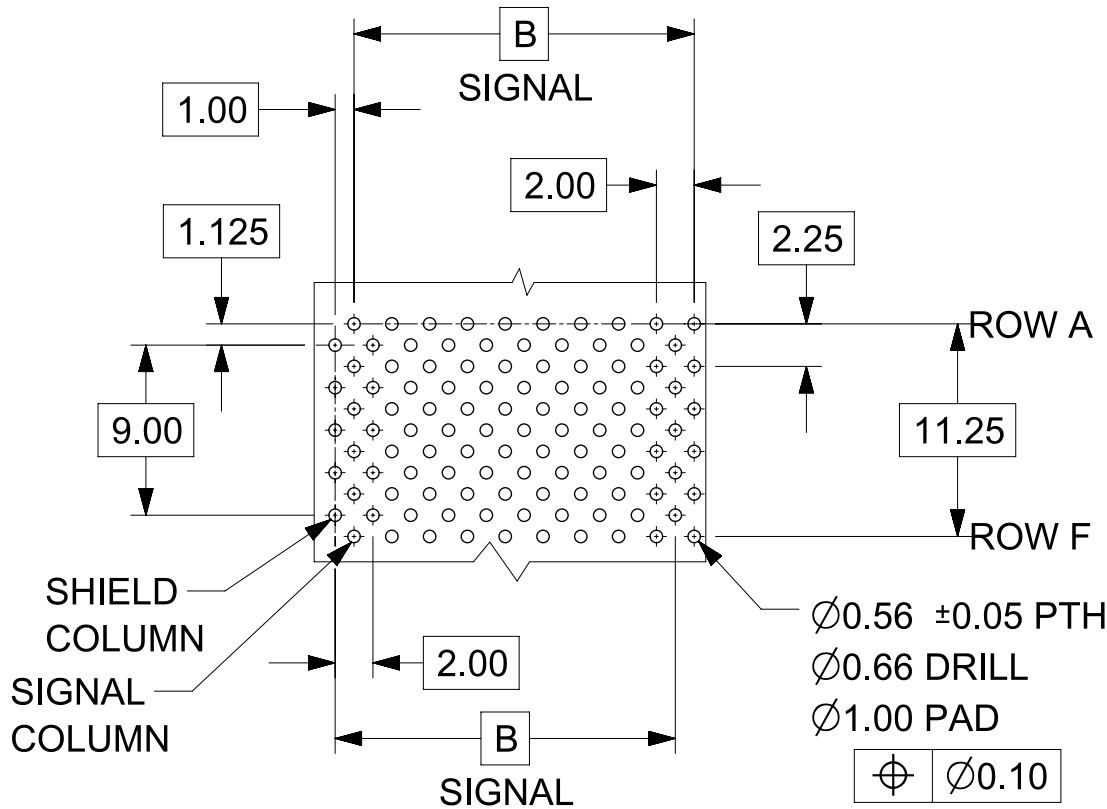
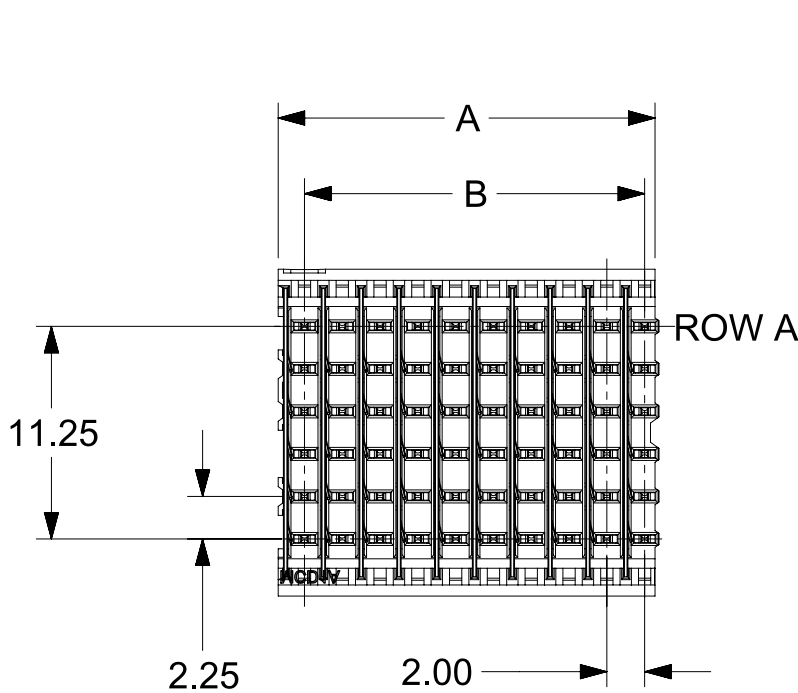
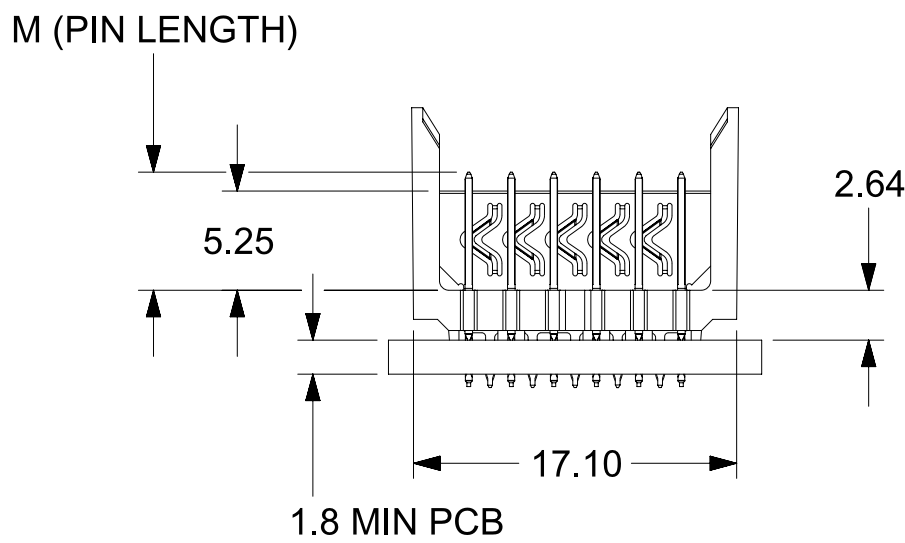
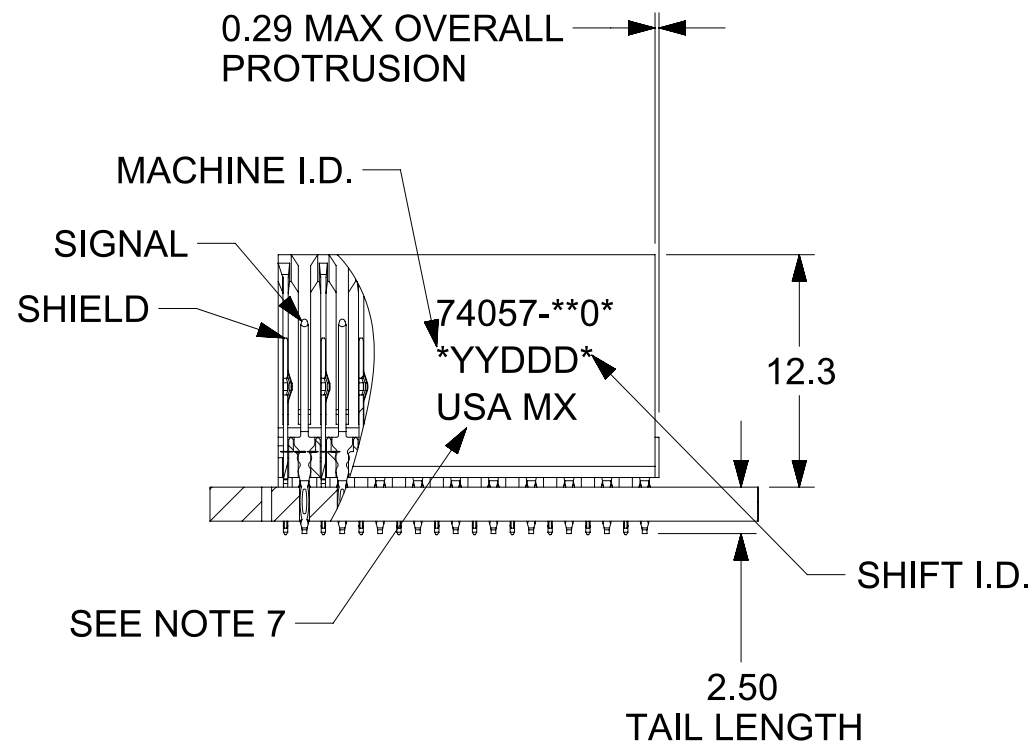
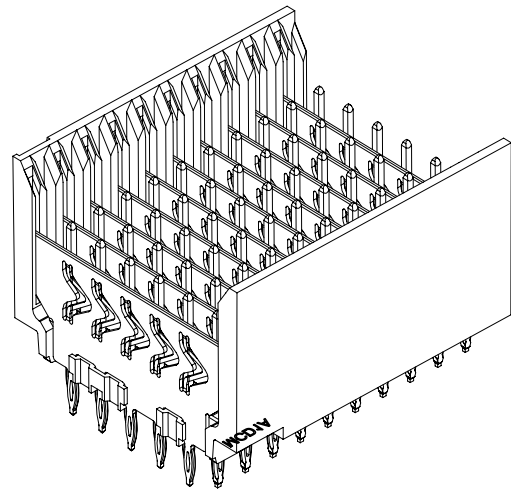




BLACK PLANE HOLE PATTERN  
RECOMMENDED DIMENSIONS



NOTES:

1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999
4. FOR MIXED CONTACT LENGTHS CONSULT  
MOLEX FOR AVAILABILITY
5. FOR SPECIFIC MATERIAL NUMBERS & MATING  
INFORMATION REFER TO SHEET 2
6. PACKAGE PER PK-74057-003
7. EITHER MARK PART WITH PART NUMBER & DATE  
CODE APPROXIMATELY WHERE SHOWN OR PLACE  
LABEL ON THE TUBE.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM)

| 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516673                                                                                                                                             |  |  |  | <div>molex</div>                                                                                                |  |                 |  |                        |  |
| MM                                                                                                                                            |  | 2.5:1 |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |  |                                                                                                                                                                                                               |  |  |  | VHDM 6 ROW<br>OPEN END BACKPLANE SALES ASSEMBLY                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| MM                                                                                                                                            |  | INCH  |  | STATUS: Production<br>DRWN: Sampreet S Mirajkar 2026-02-09<br>CHK'D: Ganesh Rao B 2026-03-18<br>APPR: Gurunandan GA 2026-03-20<br><br>INITIAL REVISION:<br>DRWN: MWANG 1998/11/09<br>APPR: SMILLER 2012/05/23 |  |  |  | PRODUCT CUSTOMER DRAWING                                                                                        |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| 4 PLACES ±                                                                                                                                    |  | ±     |  | DOCUMENT NUMBER<br>SD-74057-002                                                                                                                                                                               |  |  |  | DOC TYPE<br>PSD                                                                                                 |  | DOC PART<br>001 |  | REVISION<br>N6         |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| 3 PLACES ±                                                                                                                                    |  | ±     |  | MATERIAL NUMBER<br>SEE TABLE                                                                                                                                                                                  |  |  |  | CUSTOMER<br>GENERAL MARKET                                                                                      |  |                 |  | SHEET NUMBER<br>1 OF 3 |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| 2 PLACES ± 0.250                                                                                                                              |  | ±     |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                    |  |  |  | THIRD ANGLE PROJECTION<br> |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| 1 PLACE ± 0.38                                                                                                                                |  | ±     |  | DRAWING<br>C-SIZE                                                                                                                                                                                             |  |  |  | SERIES<br>74057                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
| 0 PLACES ±                                                                                                                                    |  | ±     |  | ANGULAR TOL ± 0.5°                                                                                                                                                                                            |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |
|                                                                                                                                               |  |       |  |                                                                                                                                                                                                               |  |  |  |                                                                                                                 |  |                 |  |                        |  |

molex

VHDM 6 ROW  
OPEN END BACKPLANE SALES ASSEMBLY

PRODUCT CUSTOMER DRAWING

SD-74057-002

PSD 001 N6

GENERAL MARKET

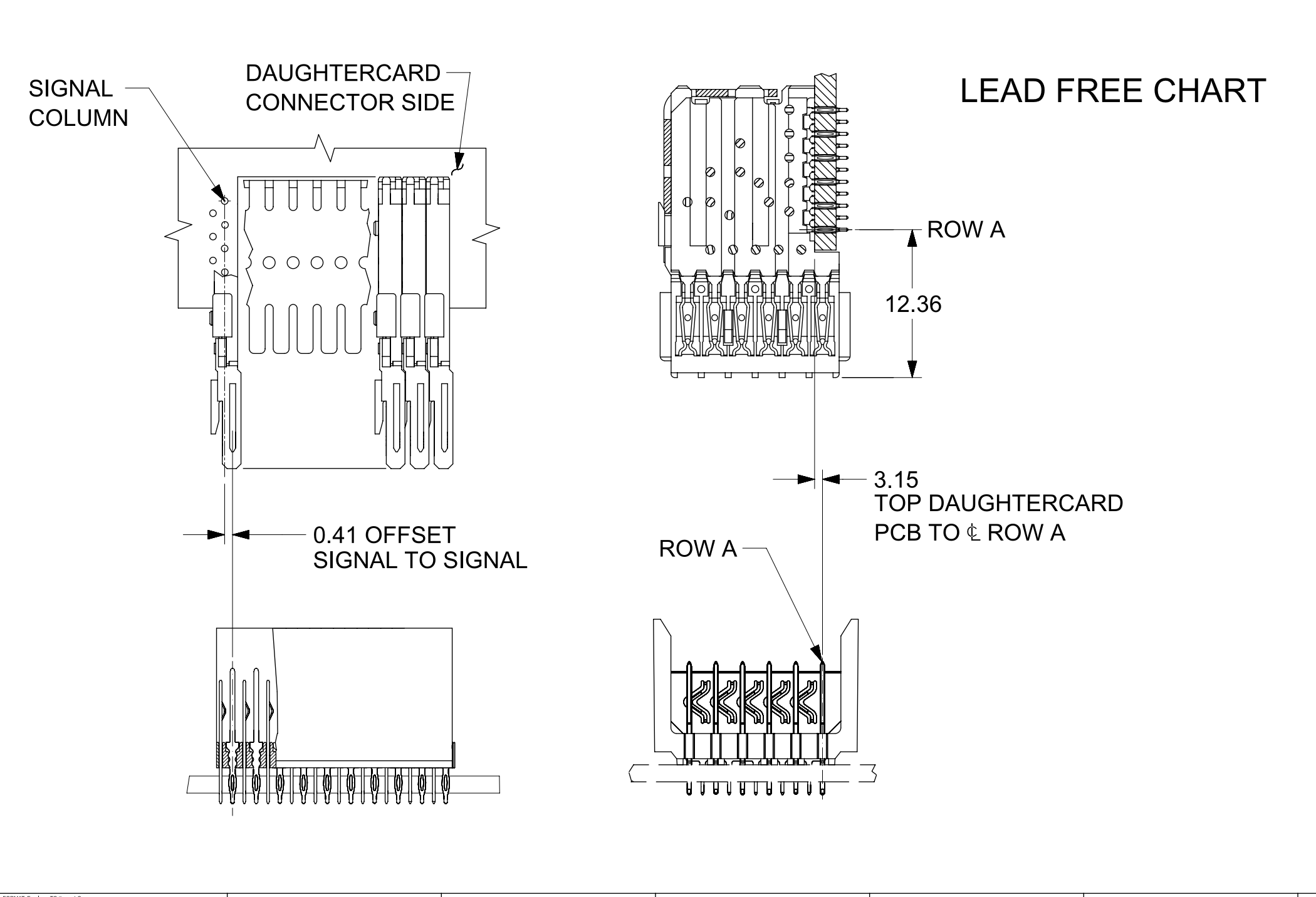
SHEET NUMBER

1 OF 3

| 12          |        | 11                   |                  | 10    |       | 9         |                           | 8                        |  | 7 |  |
|-------------|--------|----------------------|------------------|-------|-------|-----------|---------------------------|--------------------------|--|---|--|
| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M         | GOLD THICKNESS MICROMETER | TIN THICKNESS MICROMETER |  |   |  |
| 74057-6001  | 10     | 60                   | 10               | 20.00 | 18.00 | 4.75      | 0.25 MAPS                 | 0.76-1.52                |  |   |  |
| 74057-9006  |        |                      |                  |       |       |           | 1.27                      |                          |  |   |  |
| 74057-6501  | 15     | 90                   | 15               | 30.00 | 28.00 |           | 0.25 MAPS                 |                          |  |   |  |
| 74057-9501  |        |                      |                  |       |       |           | 0.76                      |                          |  |   |  |
| 74057-9506  |        |                      |                  |       |       |           | 1.27                      |                          |  |   |  |
| 74057-7001  | 25     | 150                  | 25               | 50.00 | 48.00 |           | 0.25 MAPS                 |                          |  |   |  |
| 74057-8506  |        |                      |                  |       |       |           | 1.27                      |                          |  |   |  |
| 74057-6002  | 10     | 60                   | 10               | 20.00 | 18.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-9002  |        |                      |                  |       |       | 0.76      |                           |                          |  |   |  |
| 74057-9007  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-6502  | 15     | 90                   | 15               | 30.00 | 28.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-9502  |        |                      |                  |       |       | 0.76      |                           |                          |  |   |  |
| 74057-9507  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-7002  | 25     | 150                  | 25               | 50.00 | 48.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-8507  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-6003  | 10     | 60                   | 10               | 50.00 | 48.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-9003  |        |                      |                  |       |       | 0.76      |                           |                          |  |   |  |
| 74057-9008  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-6503  | 15     | 90                   | 15               | 30.00 | 28.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-9503  |        |                      |                  |       |       | 0.76      |                           |                          |  |   |  |
| 74057-9508  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-7003  | 25     | 150                  | 25               | 50.00 | 48.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-8508  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-6504  | 15     | 90                   | 15               | 30.00 | 28.00 | 0.25 MAPS |                           |                          |  |   |  |
| 74057-9504  |        |                      |                  |       |       | 0.76      |                           |                          |  |   |  |
| 74057-9509  |        |                      |                  |       |       | 1.27      |                           |                          |  |   |  |
| 74057-8509  | 25     | 150                  | 25               | 50.00 | 48.00 | 1.27      |                           |                          |  |   |  |

| PART<br>NUMBER | COLUMN | NUMBER<br>OF SIGNAL<br>PIN | NUMBER<br>OF<br>SHIELD | A     | B     | M    | GOLD<br>THICKNESS<br>MICROMETER | TIN<br>THICKNESS<br>MICROMETER |
|----------------|--------|----------------------------|------------------------|-------|-------|------|---------------------------------|--------------------------------|
| 74057-1006     | 10     | 60                         | 10                     | 20.00 | 18.00 | 4.75 | 1.27                            | 0.76-1.52                      |
| 74057-1501     | 15     | 90                         | 15                     | 30.00 | 28.00 |      | 0.76                            |                                |
| 74057-1506     |        |                            |                        |       |       |      | 1.27                            |                                |
| 74057-2506     | 25     | 150                        | 25                     | 50.00 | 48.00 |      | 1.27                            |                                |
| 74057-1002     | 10     | 60                         | 10                     | 20.00 | 18.00 | 6.25 | 0.76                            |                                |
| 74057-1502     | 15     | 90                         | 15                     | 30.00 | 28.00 |      | 0.76                            |                                |
| 74057-1507     |        |                            |                        |       |       |      | 1.27                            |                                |
| 74057-1008     | 10     | 60                         | 10                     | 20.00 | 18.00 | 4.25 | 1.27                            |                                |
| 74057-1503     | 15     | 90                         | 15                     | 30.00 | 28.00 |      | 0.76                            |                                |
| 74057-1508     |        |                            |                        |       |       |      | 1.27                            |                                |
| 74057-2508     | 25     | 150                        | 25                     | 50.00 | 48.00 |      | 1.27                            |                                |
| 74057-1009     | 10     | 60                         | 10                     | 20.00 | 18.00 | 5.15 | 1.27                            |                                |
| 74057-1504     | 15     | 90                         | 15                     | 30.00 | 28.00 |      | 0.76                            |                                |
| 74057-1509     |        |                            |                        |       |       |      | 1.27                            |                                |

LEAD FREE  
(FORMERLY TIN/LEAD) CHART



74057 - \* \* 0 \*

NUMBER OF COLUMNS/PLATING  
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
15 = 15 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
60 = 10 COLUMN MATTE TIN (MAPS)  
65 = 15 COLUMN MATTE TIN (MAPS)  
70 = 25 COLUMN MATTE TIN (MAPS)  
90 = 10 COLUMN MATTE TIN  
95 = 15 COLUMN MATTE TIN  
85 = 25 COLUMN MATTE TIN

PIN HEIGHT  
1 & 6 = 4.75  
2 & 7 = 6.25  
3 & 8 = 4.25  
4 & 9 = 5.15

|                                                                                                                                               |   |       |      |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|--------------------------------------------------------------------------------------------------------------------------------|--|---------|--------|-------------------------------------------------|--|----------------|----------|--------------|
| 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516673                                                              |  |         |        | <div>molex</div>                                |  |                |          |              |
| MM                                                                                                                                            |   | 2.5:1 |      |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |      | STATUS: Production<br>DRWN: Sampreet S Mirajkar 2026-02-09<br>CHK'D: Ganesh Rao B 2026-03-18<br>APPR: Gurunandan GA 2026-03-20 |  |         |        | VHDM 6 ROW<br>OPEN END BACKPLANE SALES ASSEMBLY |  |                |          |              |
|                                                                                                                                               |   | MM    | INCH |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 2 PLACES                                                                                                                                      | ± | 0.250 | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 1 PLACE                                                                                                                                       | ± | 0.38  | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 0 PLACES                                                                                                                                      |   | ±     |      | INITIAL REVISION:<br>DRWN: MWANG 1998/11/09<br>APPR: SMILLER 2012/05/23                                                        |  |         |        | DOCUMENT NUMBER                                 |  | DOC TYPE       | DOC PART | REVISION     |
| ANGULAR TOL                                                                                                                                   |   | ±     | 0.5° |                                                                                                                                |  |         |        | SD-74057-002                                    |  | PSD            | 001      | N6           |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   |       |      | THIRD ANGLE PROJECTION                                                                                                         |  | DRAWING | SERIES | MATERIAL NUMBER                                 |  | CUSTOMER       |          | SHEET NUMBER |
|                                                          |   |       |      |                                           |  | C-SIZE  | 74057  | SEE TABLE                                       |  | GENERAL MARKET |          | 2 OF 3       |

|    |    |    |   |   |   |   |   |   |   |   |   |
|----|----|----|---|---|---|---|---|---|---|---|---|
| 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| H  |    |    |   |   |   |   |   |   |   |   | H |
| G  |    |    |   |   |   |   |   |   |   |   | G |
| F  |    |    |   |   |   |   |   |   |   |   | F |
| E  |    |    |   |   |   |   |   |   |   |   | E |
| D  |    |    |   |   |   |   |   |   |   |   | D |
| C  |    |    |   |   |   |   |   |   |   |   | C |
| B  |    |    |   |   |   |   |   |   |   |   | B |
| A  |    |    |   |   |   |   |   |   |   |   | A |

| DATE       | REV | DESCRIPTION                                                                            |
|------------|-----|----------------------------------------------------------------------------------------|
| 2022/06/22 | N3  | DRAWING MIGRATED TO NEW SHEET FORMAT<br>REMOVED OBSOLETE PART NUMBER AS PER PCN#509989 |
| 2022/07/14 | N4  | DRAWING MIGRATION AS MODEL IN THE DRAWING VIEW IS UPDATED                              |
| 2025/11/14 | N5  | REMOVED OBSOLETE PART NUMBER:<br>74057-9001                                            |
| 2026/02/09 | N6  | REMOVED OBSOLETE PART NUMBERS:<br>74057-1004<br>74057-8502<br>74057-8504<br>74057-9009 |

|                                                                                                                                               |    |       |      |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|------|--------------------------------------------------------------------------------------------------------------------------------|--|---------|--------|-------------------------------------------------|--|----------------|----------|--------------|
| 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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516673                                                              |  |         |        | <div>molex</div>                                |  |                |          |              |
| MM                                                                                                                                            |    | 1:1   |      |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |       |      | STATUS: Production<br>DRWN: Sampreet S Mirajkar 2026-02-09<br>CHK'D: Ganesh Rao B 2026-03-18<br>APPR: Gurunandan GA 2026-03-20 |  |         |        | VHDM 6 ROW<br>OPEN END BACKPLANE SALES ASSEMBLY |  |                |          |              |
|                                                                                                                                               | MM | INCH  |      |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 4 PLACES                                                                                                                                      | ±  |       | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 3 PLACES                                                                                                                                      | ±  |       | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 2 PLACES                                                                                                                                      | ±  | 0.250 | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 1 PLACE                                                                                                                                       | ±  | 0.38  | ±    |                                                                                                                                |  |         |        |                                                 |  |                |          |              |
| 0 PLACES                                                                                                                                      | ±  |       | ±    | INITIAL REVISION:<br>DRWN: MWANG 1998/11/09<br>APPR: SMILLER 2012/05/23                                                        |  |         |        | DOCUMENT NUMBER                                 |  | DOC TYPE       | DOC PART | REVISION     |
| ANGULAR TOL                                                                                                                                   |    | ±     | 0.5° |                                                                                                                                |  |         |        | SD-74057-002                                    |  | PSD            | 001      | N6           |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |       |      | THIRD ANGLE PROJECTION                                                                                                         |  | DRAWING | SERIES | MATERIAL NUMBER                                 |  | CUSTOMER       |          | SHEET NUMBER |
|                                                          |    |       |      |                                           |  | C-SIZE  | 74057  | SEE TABLE                                       |  | GENERAL MARKET |          | 3 OF 3       |