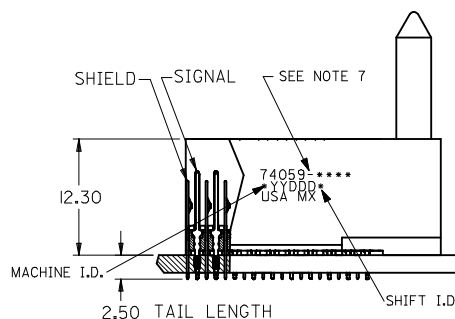
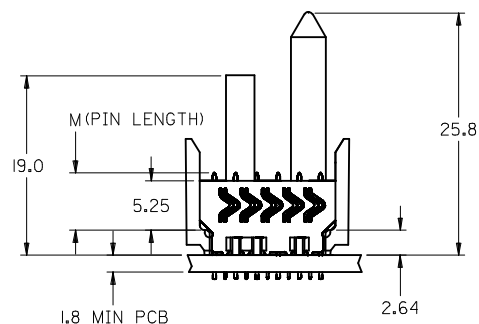
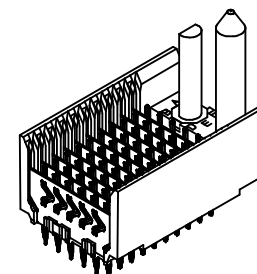
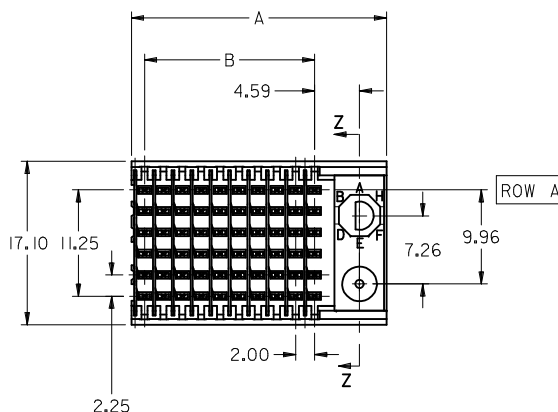
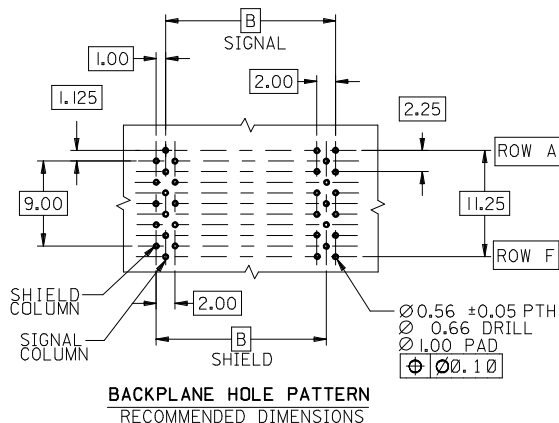




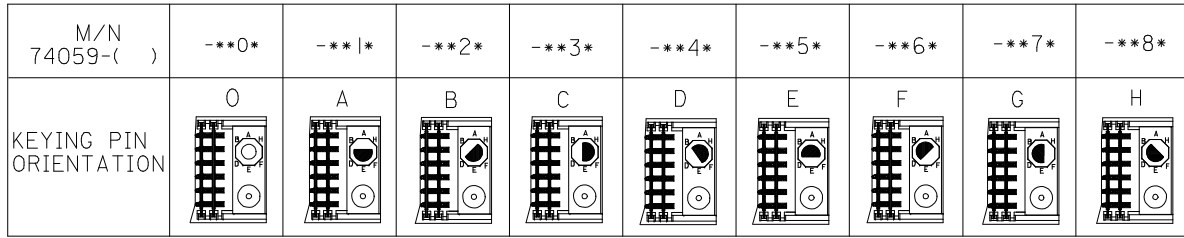
#### NOTES:

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 AND 3
6. PACKAGE PER PK-74058-003
7. MARK PART WITH PART NUMBER & DATE  
CODE APPROXIMATELY WHERE SHOWN
8. MAPS (MOLEX ADVANCED PLATING SYSTEM).

THE PRIMARY CARTON WITH A LABEL STATING  
"ELV AND RoHS COMPLAINT" IS LEAD FREE.  
CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

|                                                                                                                                  |             |                                                                 |                                                            |  |                            |                              |                                                                              |                        |                        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|--|----------------------------|------------------------------|------------------------------------------------------------------------------|------------------------|------------------------|--|--|
| LEAD FREE CONVERSION<br>EC NO: UCP2013-0687<br>2012/08/21<br>DRAWNGES<br>CHKD:MMOLFE<br>APPR:SMILLER<br>2012/11/21<br>2012/12/14 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |  | DIMENSION STYLE<br>MM ONLY |                              | SCALE<br>2.5:1                                                               | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |
|                                                                                                                                  |             |                                                                 |                                                            |  | DRAWN BY<br>JMETLTON       | DATE<br>2010/05/20           | TITLE<br>VHDM 6 ROW<br>SHIELD END BACKPLANE<br>SALES DRAWING<br><b>molex</b> |                        |                        |  |  |
|                                                                                                                                  |             |                                                                 |                                                            |  | CHECKED BY<br>SDANNELLEY   | DATE<br>2010/05/20           |                                                                              |                        |                        |  |  |
|                                                                                                                                  |             |                                                                 |                                                            |  | APPROVED BY<br>SMILLER     | DATE<br>2010/07/14           |                                                                              |                        |                        |  |  |
|                                                                                                                                  |             |                                                                 |                                                            |  | MATERIAL NO.<br>SEE SHT 2  | DOCUMENT NO.<br>SD-74059-002 |                                                                              |                        |                        |  |  |
|                                                                                                                                  |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |                            |                              |                                                                              |                        |                        |  |  |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

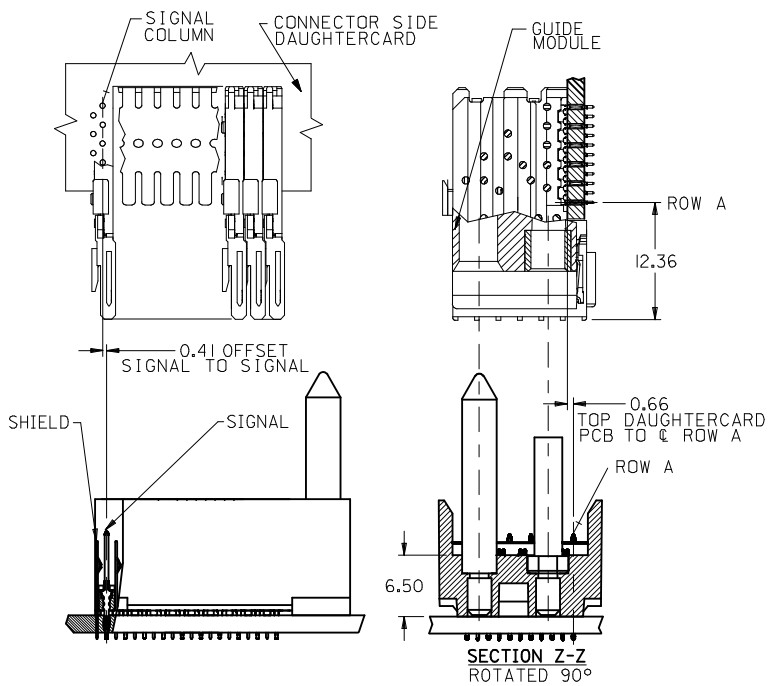


74059 - \* \* \* \*

NUMBER OF COLUMNS/PLATING

10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
21 = 11 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
60 = 10 COLUMN MATTE TIN (MAPS)  
71 = 11 COLUMN MATTE TIN (MAPS)  
75 = 25 COLUMN MATTE TIN (MAPS)  
90 = 10 COLUMN MATTE TIN  
81 = 11 COLUMN MATTE TIN  
85 = 25 COLUMN MATTE TIN

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



| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M    | GOLD THICKNESS MICROMETER | TIN THICKNESS MICROMETER |
|-------------|--------|----------------------|------------------|-------|-------|------|---------------------------|--------------------------|
| 74059-60*1  | 10     | 60                   | 10               | 27.00 | 18.00 | 4.75 | 0.25 MAPS                 | 0.76-152                 |
| 74059-*0*1  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*0*6  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-75*1  | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*5*1  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*5*6  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-60*2  | 10     | 60                   | 10               | 27.00 | 18.00 | 4.25 | 0.25 MAPS                 |                          |
| 74059-*0*2  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*0*7  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-75*2  | 25     | 150                  | 25               | 57.00 | 48.00 | 5.15 | 0.25 MAPS                 |                          |
| 74059-*5*2  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*5*7  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-60*3  | 10     | 60                   | 10               | 27.00 | 18.00 | 4.75 | 0.25 MAPS                 |                          |
| 74059-*0*3  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*0*8  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-75*3  | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*5*3  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*5*8  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-60*4  | 10     | 60                   | 10               | 27.00 | 18.00 | 5.15 | 0.25 MAPS                 |                          |
| 74059-*0*4  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*0*9  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-75*4  | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*5*4  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*5*9  |        |                      |                  |       |       |      | 1.27                      |                          |

| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M    | GOLD THICKNESS MICROMETER | TIN THICKNESS MICROMETER |
|-------------|--------|----------------------|------------------|-------|-------|------|---------------------------|--------------------------|
| 74059-71*1  | 11     | 66                   | 11               | 29.00 | 20.00 | 4.75 | 0.25 MAPS                 | 0.76-152                 |
| 74059-*1*1  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*6  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-71*2  | 11     | 66                   | 11               | 29.00 | 20.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*1*2  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*7  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-71*3  | 11     | 66                   | 11               | 29.00 | 20.00 | 4.25 | 0.25 MAPS                 |                          |
| 74059-*1*3  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*8  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74059-71*4  | 11     | 66                   | 11               | 29.00 | 20.00 | 5.15 | 0.25 MAPS                 |                          |
| 74059-*1*4  |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*9  |        |                      |                  |       |       |      | 1.27                      |                          |

SEE SHEET 1

DRWNGES 2012/08/21

EC NO: UCP2013-0687

CHKD:MMWLF 2012/11/21

APPR:SMILLER 2012/12/14

REV

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.10 ± ---

1 PLACE ± 0.25 ± ---

0 PLACE ± ±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

JMELTON 2010/05/20

CHECKED BY

DATE

SDANNELLEY 2010/05/20

APPROVED BY

DATE

SMILLER 2010/07/14

SCALE

2.5:1

TITLE

VHDM 6 ROW SHIELD END BACKPLANE SALES DRAWING

molex

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

MATERIAL NO.

DOCUMENT NO.

SEE TABLE SD-74059-002

SHEET NO.

2 OF 2

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