

**molex**

|                           |       |       |       |       |       |       |       |       |       |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| P/N<br>74059-( )          | -**0* | -**1* | -**2* | -**3* | -**4* | -**5* | -**6* | -**7* | -**8* |
| KEYING PIN<br>ORIENTATION |       |       |       |       |       |       |       |       |       |

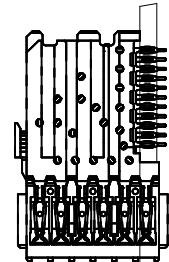
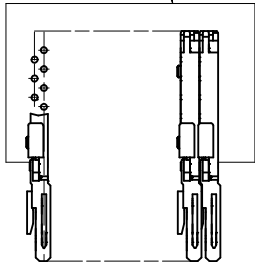
74059-\*\*\*\*

NUMBER OF COLUMNS/PLATING  
 11 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
 26 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
 61 = 10 COLUMN MATTE TIN (MAPS)  
 76 = 25 COLUMN MATTE TIN (MAPS)  
 91 = 10 COLUMN MATTE TIN  
 86 = 25 COLUMN MATTE TIN

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

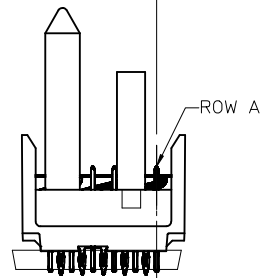
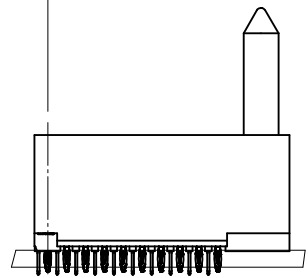
| PART NUMBER       | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M    | GOLD THICKNESS MICROMETER | TIN THICKNESS MICROMETER |
|-------------------|--------|----------------------|------------------|-------|-------|------|---------------------------|--------------------------|
| <b>74059-61*1</b> | 10     | 60                   | 10               | 27.00 | 18.00 | 4.75 | 0.25 MAPS                 | 0.76-1.52                |
| 74059-*1*1        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*6        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-76*1</b> | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*6*1        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*6*6        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-61*2</b> | 10     | 60                   | 10               | 27.00 | 18.00 | 4.25 | 0.25 MAPS                 |                          |
| 74059-*1*2        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*7        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-76*2</b> | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*6*2        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*6*7        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-61*3</b> | 10     | 60                   | 10               | 27.00 | 18.00 | 4.25 | 0.25 MAPS                 |                          |
| 74059-*1*3        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*8        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-76*3</b> | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*6*3        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*6*8        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-61*4</b> | 10     | 60                   | 10               | 27.00 | 18.00 | 5.15 | 0.25 MAPS                 |                          |
| 74059-*1*4        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*1*9        |        |                      |                  |       |       |      | 1.27                      |                          |
| <b>74059-76*4</b> | 25     | 150                  | 25               | 57.00 | 48.00 | 6.25 | 0.25 MAPS                 |                          |
| 74059-*6*4        |        |                      |                  |       |       |      | 0.76                      |                          |
| 74059-*6*9        |        |                      |                  |       |       |      | 1.27                      |                          |

DAUGHTERCARD  
CONNECTOR SIDE



0.41 OFFSET  
SIGNAL TO  
SIGNAL

0.66 TOP  
DAUGHTERCARD  
PCB TO CENTER  
OF ROW A



|   |                 |  |  |  |   |                        |
|---|-----------------|--|--|--|---|------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-0687<br>IDRAWINGES 2012/08/22<br>CHKD:MOLLE 2012/11/28<br>APPR:SMILLER 2012/12/14 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE<br><b>MM ONLY</b>      | SCALE<br><b>2.5:1</b>  | DESIGN UNITS<br><b>METRIC</b>                                     | THIRD ANGLE PROJECTION |
|   | ▽=0             | mm INCH  | DRAWN BY DATE<br>MOWANG 2001/10/01     | TITLE  | VHDM SALES ASSEMBLY<br>6 ROW ADVANCE MATE<br>SHIELD END BACKPLANE |                        |
|   | ▽=0             | 4 PLACES ± --- ± ---                                 | CHECKED BY DATE<br>NMARTIN 2001/10/02  | <b>molex</b><br>DOCUMENT NO. SD-74059-003  |   |                        |
|   | ▽=0             | 3 PLACES ± --- ± ---                                 | APPROVED BY DATE<br>CBIXLER 2001/10/02 |  |   |                        |
| REV   | DESCRIPTION     | ANGULAR ±1/2°  | MATERIAL NO.                           | SIZE   | SHEET NO. 2 OF 2  |                        |
|   |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                        |