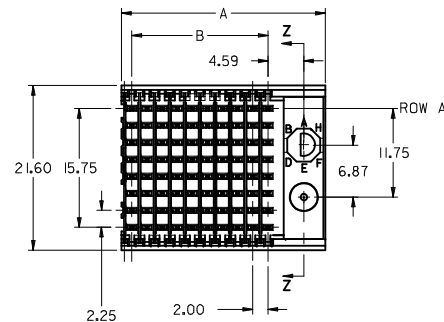


1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999
4. FOR MIXED CONTACT LENGTHS CONSULT  
MOLEX FOR AVAILABILITY
5. FOR SPECIFIC MATERIAL NUMBERS & MATING  
INFORMATION REFER TO SHEET 2
6. PACKAGE PER PK-74061-003
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>DRAWINGS<br>CHIKDOWOLFEE<br>APPR: SCHILLER | 2012/08/23  | 2012/11/26        | 2012/11/14                                                                                                                    |                    |                            |                   |                |                                                                          |                        |  |  |
|                                                                                            | DESCRIPTION | QUALITY SYMBOLS   | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |                    | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>2.5:1 | DESIGN UNITS<br>METRIC                                                   | THIRD ANGLE PROJECTION |  |  |
|                                                                                            |             | = ∅<br>= ∅<br>= ∅ |                                                                                                                               | mm                 | INCH                       | DRAWN BY DATE     |                | TITLE                                                                    |                        |  |  |
|                                                                                            |             |                   | 4 PLACES                                                                                                                      | +---               | +---                       | MWANG 1998/11/12  |                | VHDM 8 ROW<br>SHIELD END BACKPLANE<br>SALES ASSEMBLY<br><br><b>molex</b> |                        |  |  |
|                                                                                            |             |                   | 3 PLACES                                                                                                                      | +---               | +---                       | CHECKED BY DATE   |                |                                                                          |                        |  |  |
|                                                                                            |             |                   | 2 PLACES                                                                                                                      | +---               | +---                       | JLAURX 1998/11/12 |                |                                                                          |                        |  |  |
|                                                                                            | 1 PLACE     |                   | +---                                                                                                                          | +---               | APPROVED BY DATE           |                   |                |                                                                          |                        |  |  |
|                                                                                            | 0 PLACE     | +---              | +---                                                                                                                          | CBIXLER 1998/11/12 |                            |                   |                |                                                                          |                        |  |  |
|                                                                                            | REV         |                   | ANGULAR ±1/2°                                                                                                                 |                    | MATERIAL NO.               |                   | DOCUMENT NO.   |                                                                          | SHEET NO.              |  |  |
|                                                                                            |             |                   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          |                    | SEE SHEET 2                |                   | SD-74062-002   |                                                                          | 1 OF 2                 |  |  |
|                                                                                            |             | SIZE C            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                            |                   |                |                                                                          |                        |  |  |

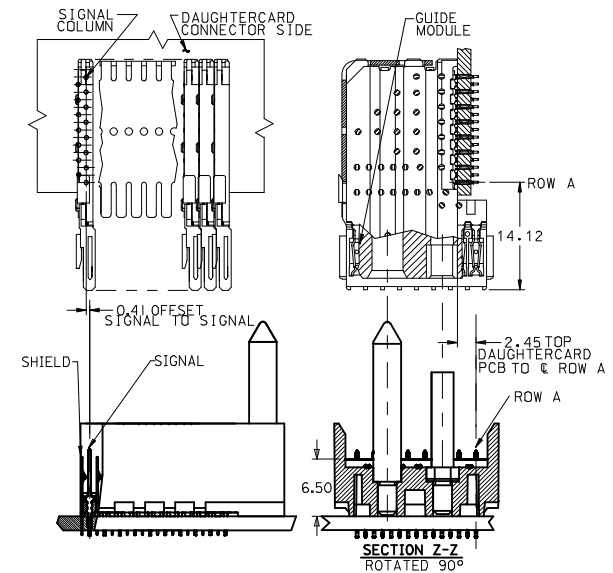
|                           |       |       |       |       |       |       |       |       |       |       |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| M/N<br>74062-( )          | ---0* | ---1* | ---2* | ---3* | ---4* | ---5* | ---6* | ---7* | ---8* | ---9* |
| KEYING PIN<br>ORIENTATION |       |       |       |       |       |       |       |       |       |       |

NO GUIDE PIN  
NO KEYING PIN

74062 - \* \* \* \*

NUMBER OF COLUMNS/PLATING  
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
60 = 10 COLUMN MATTE TIN (MAPS)  
75 = 25 COLUMN MATTE TIN (MAPS)  
90 = 10 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



| PART<br>NUMBER | COLUMN | NUMBER OF<br>SIGNAL PIN | NUMBER OF<br>SHIELD | A     | B     | M    | GOLD<br>THICKNESS<br>MICROMETER | TIN<br>THICKNESS<br>MICROMETER |
|----------------|--------|-------------------------|---------------------|-------|-------|------|---------------------------------|--------------------------------|
| 74062-60*1     | 10     | 80                      | 10                  | 27.00 | 18.00 | 4.75 | 0.25 MAPS                       | 0.76-1.52                      |
| 74062-*0*1     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*0*6     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-75*1     | 25     | 200                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74062-*5*1     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*5*6     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-60*2     | 10     | 80                      | 10                  | 27.00 | 18.00 | 6.25 | 0.25 MAPS                       |                                |
| 74062-*0*2     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*0*7     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-75*2     | 25     | 200                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74062-*5*2     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*5*7     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-60*3     | 10     | 80                      | 10                  | 27.00 | 18.00 | 4.25 | 0.25 MAPS                       |                                |
| 74062-*0*3     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*0*8     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-75*3     | 25     | 200                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74062-*5*3     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*5*8     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-60*4     | 10     | 80                      | 10                  | 27.00 | 18.00 | 5.15 | 0.25 MAPS                       |                                |
| 74062-*0*4     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*0*9     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74062-75*4     | 25     | 200                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74062-*5*4     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74062-*5*9     |        |                         |                     |       |       |      | 1.27                            |                                |

SEE SHEET 1  
EC NO: UCP2013-0687  
DRAWINGS 2012/08/23  
CHKD:MMOLFE 2012/11/26  
APPR:SMILLER 2012/12/14

QUALITY SYMBOLS  
=0  
=0  
=0

DESCRIPTION  
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± --- ± ---  
1 PLACE ± --- ± ---  
0 PLACE ± --- ± ---  
ANGULAR ±1/2°  
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
MWANG 1998/11/12  
CHECKED BY DATE  
JLAURX 1998/11/12  
APPROVED BY DATE  
CBIXLER 1998/11/12

SCALE  
2.5:1  
TITLE  
VHDM 8 ROW  
SHIELD END BACKPLANE  
SALES ASSEMBLY  
molex

DESIGN UNITS  
METRIC  
THIRD ANGLE PROJECTION

MATERIAL NO.  
SEE TABLE

DOCUMENT NO.  
SD-74062-002

SHEET NO.  
2 OF 2