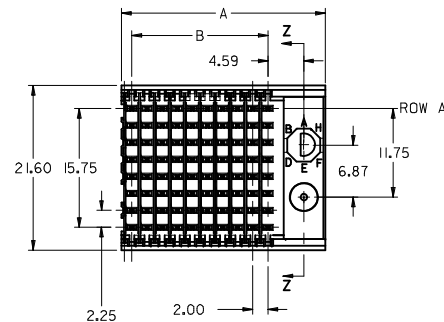


1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999
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 2012/08/23<br>CHKD:MOLFE 2012/11/16<br>APPR:SMILLER 2012/11/16 |             | QUALITY SYMBOLS<br><br><br><br><br><br> | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>MM ONLY                                                                                                    |                   | SCALE<br>2.5:1     | DESIGN UNITS<br>METRIC                                                   | THIRD ANGLE PROJECTION |           |
|                                                                                                                         | DESCRIPTION |                                         |                                       | mm                                                         | INCH                                                                                                                          | DRAWN BY DATE     | TITLE              | VHDM 8 ROW<br>SHIELD END BACKPLANE<br>SALES ASSEMBLY<br><br><b>molex</b> |                        |           |
|                                                                                                                         |             |                                         | 4 PLACES                              | +---                                                       | +---                                                                                                                          | MWANG 1998/11/12  |                    |                                                                          |                        |           |
|                                                                                                                         |             |                                         | 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<br>MUST REMAIN<br>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 |       |       |       |       |       |       |       |       |       |       |

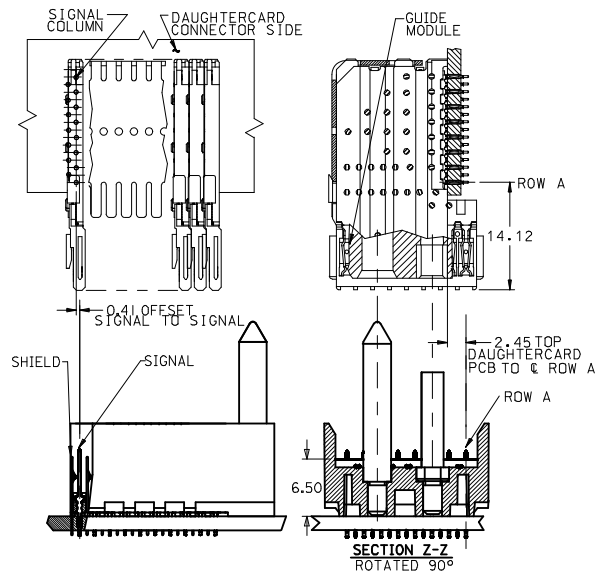
NO GUIDE PIN  
NO KEYING PIN

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

DRWNGES 2012/08/23

CHKD:MMOLFE 2012/11/26

APPR:SMILLER 2012/12/14

REV

QUALITY SYMBOLS

DESCRIPTION

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 |

MATERIAL NO.

SEE TABLE

SIZE

C

SCALE

2.5:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

VHDM 8 ROW SHIELD END BACKPLANE SALES ASSEMBLY

molex

DOCUMENT NO.

SD-74062-002

SHEET NO.

2 OF 2