

NOTES:

1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL 94 V-0. COLOR: BLACK. SIGNAL & SHIELD -COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA, SELECTIVE MATTE TIN (Sn) ON TAILS, NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
6. PACKAGE PER PK-74696-003.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPECIFICATION PS-45499-002.
9. MAPS (MOLEX ADVANCED PLATING SYSTEM).

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

|                         |                 |
|-------------------------|-----------------|
| LEAD FREE CONVERSION    | QUALITY SYMBOLS |
| EC NO: UCP2013-0687     | ▽=0             |
| DRWINGES 2012/08/21     | ▽=0             |
| CHKD:WOLFE 2012/11/21   | ▽=0             |
| APPR:SMILLER 2012/12/14 |                 |
| REV                     | DESCRIPTION     |

|  |         |
|--|---------|
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |         |
| mm   | INCH    |
| 4 PLACES ± .005                                      | ± .0004 |
| 3 PLACES ± .004                                      | ± .0003 |
| 2 PLACES ± .003                                      | ± .0002 |
| 1 PLACE ± .002                                       | ± .0001 |
| 0 PLACE ±  | ±       |
| ANGULAR ±1/2°  |         |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         |

|                 |            |
|-----------------|------------|
| DIMENSION STYLE |            |
| MM ONLY         |            |
| DRAWN BY        | DATE       |
| MOWANG          | 2001/10/10 |
| CHECKED BY      | DATE       |
| NMARTIN         | 2001/10/12 |
| APPROVED BY     | DATE       |
| CBIXLER         | 2001/10/12 |
| MATERIAL NO.    |            |
| SEE SHEET 2     |            |
| SIZE            |            |
| C               |            |

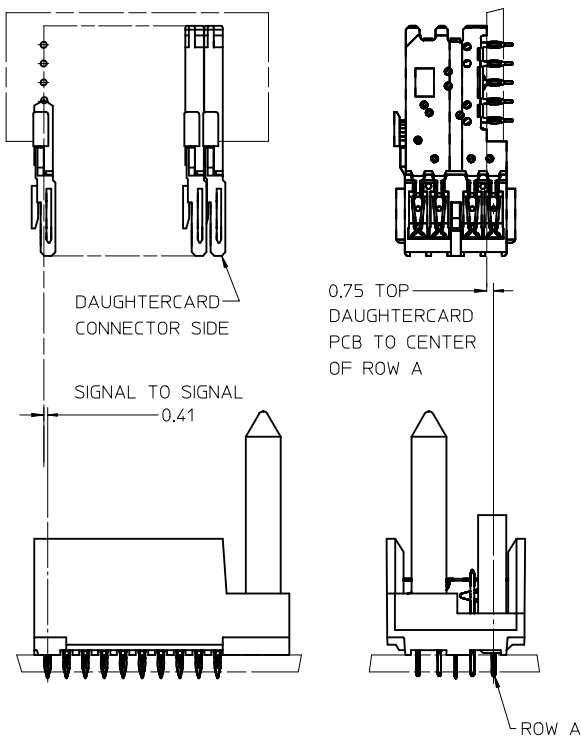
|  |              |                        |
|--|--------------|------------------------|
| SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 2.5:1  | METRIC       |                        |
| TITLE  |              |                        |
| HSD SALES ASSEMBLY<br>ADVANCED MATE 5 ROW<br>SHIELD END BACKPLANE  |              |                        |
| molex  |              |                        |
| DOCUMENT NO.   | SHEET NO.    |                        |
| SD-74697-003   | 1 OF 2       |                        |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |

|                           |        |        |        |        |        |        |        |        |        |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| P/N<br>74697-( )          | ---*0* | ---*1* | ---*2* | ---*3* | ---*4* | ---*5* | ---*6* | ---*7* | ---*8* |
| KEYING PIN<br>ORIENTATION |        |        |        |        |        |        |        |        |        |

74697-\*\*\*\*\*

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

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



| PART NUMBER | COLUMN | NUMBER OF SIGNAL PIN | NUMBER OF SHIELD | A     | B     | M    | GOLD THICKNESS MICROMETER | TIN THICKNESS MICROMETER |
|-------------|--------|----------------------|------------------|-------|-------|------|---------------------------|--------------------------|
| 74697-61*1  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*1*1  | 10     | 40                   | 10               | 27.00 | 18.00 | 4.75 | 0.76                      | 0.76-1.52                |
| 74697-*1*6  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-76*1  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*6*1  | 25     | 100                  | 25               | 57.00 | 48.00 | 6.25 | 0.76                      |                          |
| 74697-*6*6  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-61*2  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*1*2  | 10     | 40                   | 10               | 27.00 | 18.00 | 4.25 | 0.76                      |                          |
| 74697-*1*7  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-76*2  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*6*2  | 25     | 100                  | 25               | 57.00 | 48.00 | 5.15 | 0.76                      |                          |
| 74697-*6*7  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-61*3  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*1*3  | 10     | 40                   | 10               | 27.00 | 18.00 | 4.25 | 0.76                      |                          |
| 74697-*1*8  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-76*3  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*6*3  | 25     | 100                  | 25               | 57.00 | 48.00 | 5.15 | 0.76                      |                          |
| 74697-*6*8  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-61*4  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*1*4  | 10     | 40                   | 10               | 27.00 | 18.00 | 5.15 | 0.76                      |                          |
| 74697-*1*9  |        |                      |                  |       |       |      | 1.27                      |                          |
| 74697-76*4  |        |                      |                  |       |       |      | 0.25 MAPS                 |                          |
| 74697-*6*4  | 25     | 100                  | 25               | 57.00 | 48.00 |      | 0.76                      |                          |
| 74697-*6*9  |        |                      |                  |       |       |      | 1.27                      |                          |

|  |                     |  |   |  |                              |                        |
|--|---------------------|--|---|--|------------------------------|------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-0687<br>DRAWINGS 2012/08/21<br>CHKD:MWOLFE 2012/11/21<br>APPR:SMILLER 2012/12/14 | QUALITY SYMBOLS     | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE<br>MM ONLY  | SCALE<br>2.5:1   | DESIGN UNITS<br>METRIC       | THIRD ANGLE PROJECTION |
|  | ▽=0                 | mm INCH  | DRAWN BY DATE<br>MQWANG 2001/10/10  | TITLE<br>HSD SALES ASSEMBLY<br>ADVANCED MATE 5 ROW<br>SHIELD END BACKPLANE |                              |                        |
|  | ▽=0                 | 4 PLACES ± --- ± ---                                 | CHECKED BY DATE<br>NMARTIN 2001/10/12   |  |                              |                        |
|  | ▽=0                 | 3 PLACES ± --- ± ---                                 | APPROVED BY DATE<br>CBIXLER 2001/10/12  | MATERIAL NO.   | DOCUMENT NO.<br>SD-74697-003 | SHEET NO.<br>2 OF 2    |
|  | ▽=0                 | 2 PLACES ± --- ± ---                                 | ANGULAR ±1/2°   | SEE TABLE  |                              |                        |
| ▽=0  | 1 PLACE ± --- ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                              |                        |