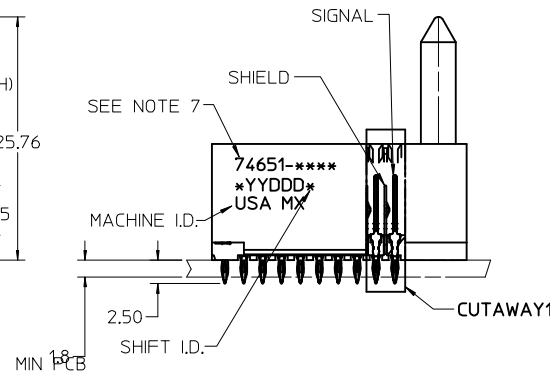
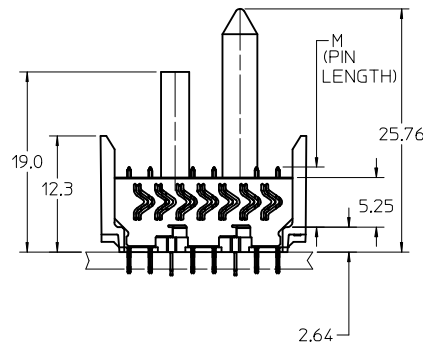
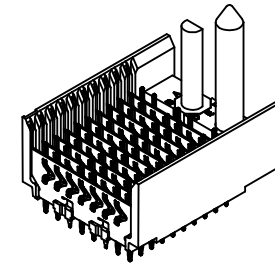
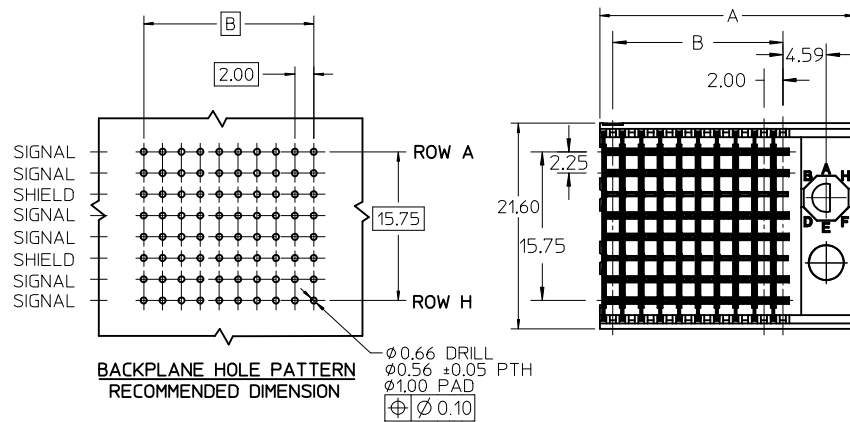




#### NOTES:

1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED.  
UL 94-0. COLOR BLACK. SIGNAL & SHIELD -HIGH  
PERFORMANCE 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 MATING LENGTHS CONSULT MOLEX FOR  
AVAILABILITY.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO  
SHEET 2.
6. PACKAGE PER PK-74061-003.
7. MARK PART NUMBER AND DATE CODE APPROXIMATELY  
WHERE SHOWN
8. MAPS (MOLEX ADVACED 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<br>EC NO: UCP2013-0687<br>DRAWINGS: 2012/08/24<br>CHKD:MMOLFE 2012/11/28<br>APPR:SMILLER 2012/12/14 | DESCRIPTION | QUALITY SYMBOLS<br><div><div>F=0</div><div>F=0</div><div>F=0</div></div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>2.5:1                                                                                                                | DESIGN UNITS<br>METRIC                                                           | THIRD ANGLE<br>PROJECTION |  |  |           |
|                                                                                                                          |             |                                                                          | <div><div>mm</div><div>INCH</div></div>              |  | DRAWN BY<br>MQWANG         |  | DATE<br>2001/03/26                                                                                                            | TITLE<br>HSD SALES ASSEMBLY<br>8 ROW SHIELD END<br>BACKPLANE<br><div>molex</div> |                           |  |  |           |
|                                                                                                                          |             |                                                                          | 4 PLACES ± --- ± ---                                 |  | CHECKED BY<br>JLAURX       |  | DATE<br>2001/04/01                                                                                                            |                                                                                  |                           |  |  |           |
|                                                                                                                          |             |                                                                          | 3 PLACES ± --- ± ---                                 |  | APPROVED BY                |  | DATE                                                                                                                          |                                                                                  |                           |  |  |           |
|                                                                                                                          |             |                                                                          | 2 PLACES ± --- ± ---                                 |  | CBIXLER                    |  | 2001/04/01                                                                                                                    |                                                                                  |                           |  |  |           |
|                                                                                                                          |             |                                                                          | 1 PLACE ± --- ± ---                                  |  | MATERIAL NO.               |  | DOCUMENT NO.                                                                                                                  |                                                                                  |                           |  |  | SHEET NO. |
|                                                                                                                          |             |                                                                          | 0 PLACE ± ±                                          |  | SEE SHEET 2                |  | SD-74651-002                                                                                                                  |                                                                                  | 1 OF 2                    |  |  |           |
|                                                                                                                          |             |                                                                          | ANGULAR ±1/2°                                        |  | SIZE                       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                  |                           |  |  |           |
|                                                                                                                          |             |                                                                          | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |                            |  |                                                                                                                               |                                                                                  |                           |  |  |           |

|                           |   |       |       |       |       |       |       |       |       |
|---------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|
| M/N<br>74651-( )          |   | -**1* | -**2* | -**3* | -**4* | -**5* | -**6* | -**7* | -**8* |
| KEYING PIN<br>ORIENTATION | 0 | A     | B     | C     | D     | E     | F     | G     | H     |

74651-\*\*\*\*

NUMBER OF COLUMNS/  
PLATING

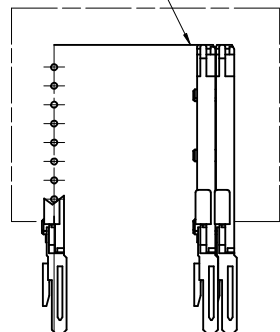
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
60 = 10 COLUMN MATTE TIN (MAPS)  
75 = 25 COLUMN MATTE TIN (MAPS)  
90 = 10 COLUMN MATTE TIN  
85 = 25 COLUMN MATTE TIN

CONTACT LOAD  
(PIN LENGTH)

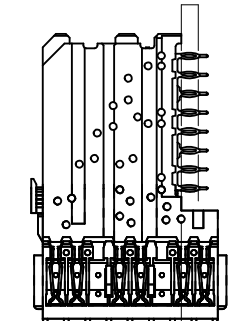
1 & 6 = 4.75  
2 & 7 = 6.25  
3 & 8 = 4.25  
4 & 9 = 5.15

| 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 |
|----------------|--------|-------------------------|---------------------|-------|-------|------|---------------------------------|--------------------------------|
| 74651-60*1     | 10     | 60                      | 10                  | 27.00 | 18.00 | 4.75 | 0.25 MAPS                       | 0.76-1.52                      |
| 74651-*0*1     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*0*6     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-75*1     | 25     | 150                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74651-*5*1     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*5*6     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-60*2     | 10     | 60                      | 10                  | 27.00 | 18.00 | 6.25 | 0.25 MAPS                       |                                |
| 74651-*0*2     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*0*7     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-75*2     | 25     | 150                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74651-*5*2     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*5*7     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-60*3     | 10     | 60                      | 10                  | 27.00 | 18.00 | 4.25 | 0.25 MAPS                       |                                |
| 74651-*0*3     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*0*8     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-75*3     | 25     | 150                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74651-*5*3     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*5*8     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-60*4     | 10     | 60                      | 10                  | 27.00 | 18.00 | 5.15 | 0.25 MAPS                       |                                |
| 74651-*0*4     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*0*9     |        |                         |                     |       |       |      | 1.27                            |                                |
| 74651-75*4     | 25     | 150                     | 25                  | 57.00 | 48.00 |      | 0.25 MAPS                       |                                |
| 74651-*5*4     |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-*5*9     |        |                         |                     |       |       |      | 1.27                            |                                |

DAUGHTERCARD  
CONNECTOR SIDE

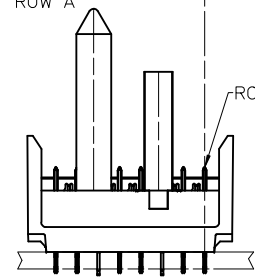
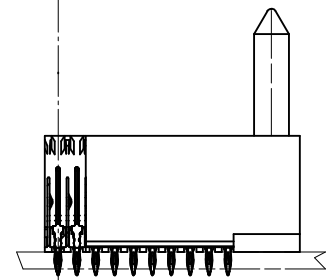


0.41  
SIGNAL TO SIGNAL



2.45  
TOP DAUGHTERCARD  
PCB TO CENTER OF  
ROW A

ROW A



|                                                                                                                 |     |             |                 |                                                            |                                        |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------|------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-0687<br>DRAWN BY: 2012/08/24<br>CHKD:MMOLFE 2012/11/28<br>APPR:SMILLER 2012/12/14 | REV | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                                        | DIMENSION STYLE<br>MM ONLY                                                                                                       |                                                              | SCALE<br>2.5:1 | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|                                                                                                                 |     |             |                 |                                                            |                                        |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            |                                        |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            |                                        |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            |                                        |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            | DRAWN BY DATE<br>MQWANG 2001/03/26     |                                                                                                                                  | TITLE<br>HSD SALES ASSEMBLY<br>8 ROW SHIELD END<br>BACKPLANE |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            | CHECKED BY DATE<br>JLAURX 2001/04/01   |                                                                                                                                  | molex                                                        |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            | APPROVED BY DATE<br>CBIXLER 2001/04/01 |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            | MATERIAL NO.                           |                                                                                                                                  |                                                              |                |                        |                                                                                                              |
|                                                                                                                 |     |             |                 |                                                            | ANGULAR ±1/2°                          |                                                                                                                                  | SEE TABLE                                                    |                | SD-74651-002           |                                                                                                              |
|                                                                                                                 |     |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                              |                |                        |                                                                                                              |

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