

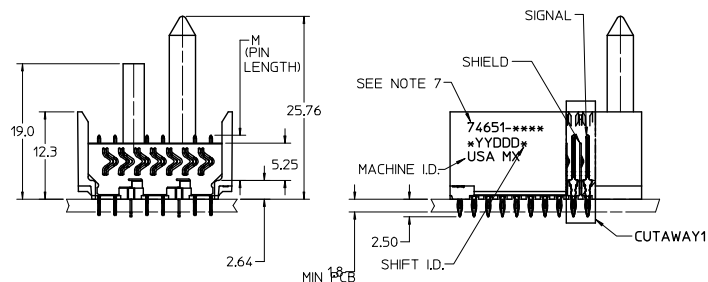
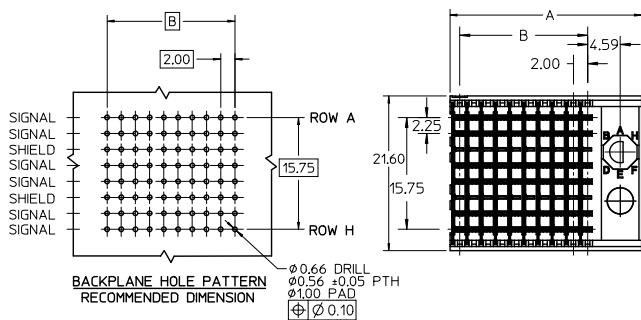
## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0746511022](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**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 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<br>EC NO: UCP2015-0687<br>DRAWN BY<br>2012/08/24<br>CHK:KIMLIE<br>2012/11/28<br>APPR:SMILLER<br>2012/12/14 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                                                                                                                                  | DIMENSION STYLE<br>MM ONLY |                    | SCALE<br>2.5:1                                               | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |
|                                                                                                                                 |             |                                          | mm                                                         | INCH                                                                                                                             | DRAWN BY<br>MOWANG         | DATE<br>2001/03/26 | TITLE<br>HSD SALES ASSEMBLY<br>8 ROW SHIELD END<br>BACKPLANE |                        |                           |
|                                                                                                                                 |             |                                          | 4 PLACES ±                                                 | ±                                                                                                                                | CHECKED BY<br>JLAURX       | DATE<br>2001/04/01 | <b>molex</b>                                                 |                        |                           |
|                                                                                                                                 |             |                                          | 3 PLACES ±                                                 | ±                                                                                                                                | APPROVED BY                | DATE               |                                                              |                        |                           |
|                                                                                                                                 |             |                                          | 2 PLACES ±                                                 | ±                                                                                                                                | CBI XLER                   | 2001/04/01         |                                                              |                        |                           |
|                                                                                                                                 |             |                                          | 1 PLACE ±                                                  | ±                                                                                                                                |                            |                    |                                                              |                        |                           |
|                                                                                                                                 |             |                                          | 0 PLACE ±                                                  | ±                                                                                                                                |                            |                    |                                                              |                        |                           |
|                                                                                                                                 |             |                                          | ANGULAR ±1/2°                                              |                                                                                                                                  | MATERIAL NO.               | DOCUMENT NO.       | SHEET NO.                                                    |                        |                           |
|                                                                                                                                 |             |                                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                  | SEE SHEET 2                | SD-74651-002       | 1 OF 2                                                       |                        |                           |
|                                                                                                                                 |             |                                          | REV                                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                    |                                                              |                        |                           |

| 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      |

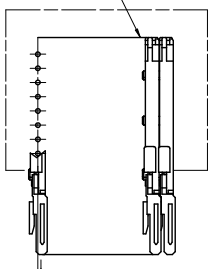
74651-\*\*\*

NUMBER OF COLUMNS/  
PLATING

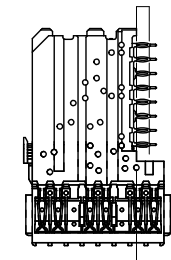
10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)  
60 = 10 COLUMN MATTE TIN (MAPS)  
75 = 25 COLUMN MATTE TIN (MAPS)  
90 = 10 COLUMN MATTE TIN  
85 = 25 COLUMN MATTE TIN

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

DAUGHTERCARD  
CONNECTOR SIDE



0.41  
SIGNAL TO SIGNAL



2.45  
TOP DAUGHTERCARD  
PCB TO CENTER OF  
ROW A

ROW A

| 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 | 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 | 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 | 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                       |                                |
| 74651-0*5      |        |                         |                     |       |       |      | 0.76                            |                                |
| 74651-0*9      |        |                         |                     |       |       |      | 1.27                            |                                |

|                                                                                                                         |                                                                                                                                                                                                                                                                            |                                       |                                                                                                                                         |                    |                                                                                     |                        |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|
| SEE SHEET 1<br>EC NO: UCP2013-0667<br>DRAWINGS<br>CHKD:MOLIFE<br>APPR:SMULVER<br>2012/08/24<br>2012/11/28<br>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<br> =0<br> =0 |                                       | mm INCH                                                                                                                                 | DRAWN BY DATE      | HSD SALES ASSEMBLY<br>8 ROW SHIELD END<br>BACKPLANE<br><b>molex</b><br>SD-74651-002 |                        |                                                                                                              |
|                                                                                                                         |                                                                                                                                                                                                                                                                            | 4 PLACES                              | ± ±                                                                                                                                     | MOWANG 2001/03/26  |                                                                                     |                        |                                                                                                              |
|                                                                                                                         |                                                                                                                                                                                                                                                                            | 3 PLACES                              | ± ±                                                                                                                                     | CHECKED BY DATE    |                                                                                     |                        |                                                                                                              |
|                                                                                                                         |                                                                                                                                                                                                                                                                            | 2 PLACES                              | ± ±                                                                                                                                     | JLAURX 2001/04/01  |                                                                                     |                        |                                                                                                              |
|                                                                                                                         |                                                                                                                                                                                                                                                                            | 1 PLACE                               | ± ±                                                                                                                                     | APPROVED BY DATE   |                                                                                     |                        |                                                                                                              |
|                                                                                                                         |  =0                                                                                                                                                                                     | 0 PLACE                               | ± ±                                                                                                                                     | CBIXLER 2001/04/01 | SHEET NO. 2 OF 2                                                                    |                        |                                                                                                              |
|                                                                                                                         | ANGULAR ±1/2°                                                                                                                                                                                                                                                              |                                       |                                                                                                                                         |                    |                                                                                     |                        |                                                                                                              |
|                                                                                                                         | REV                                                                                                                                                                                                                                                                        | DESCRIPTION                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                              |                    | SEE TABLE                                                                           |                        |                                                                                                              |
|                                                                                                                         |                                                                                                                                                                                                                                                                            |                                       | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    | DOCUMENT NO. SD-74651-002                                                           |                        |                                                                                                              |