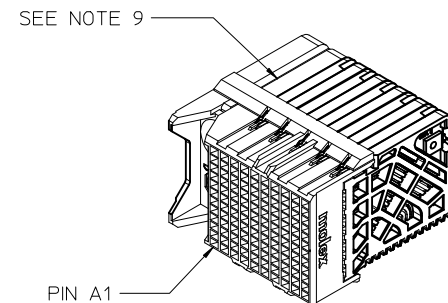




1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30MIN MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN  
ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS  
AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-610.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76155-002 FOR THE MATING HEADERS AND  
SD-76500-004 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING  
RECOMMENDATIONS.
9. PART NUMBER 76160-3120 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE  
WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm ±0.38  
THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4mm.

|                                                                                                            |                                                    |                                 |                                                            |        |                            |                                             |              |                                                                                                                               |                               |           |  |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------|------------------------------------------------------------|--------|----------------------------|---------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------|--|
| STANDARDIZATION<br>EC NO: UCP2013-5285<br>DRWN: IFOFSKY    2013/06/12<br>CHKD:<br>APPR: TELO    2013/07/18 | DESCRIPTION<br><br><br><br><br><br><br><br><br>REV | QUALITY SYMBOLS<br><br><br><br> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                                             | SCALE<br>3:1 | DESIGN UNITS<br>METRIC                                                                                                        | THIRD ANGLE<br>PROJECTION<br> |           |  |
|                                                                                                            |                                                    |                                 |                                                            | mm     | INCH                       | DRAWN BY    DATE<br>JLAURX    2008/03/03    |              | TITLE<br>IMPACT 100 OIHM DC<br>4 PAIR SIGNAL MODULE<br>GUIDE LEFT SALES DWG<br><br><b>molex</b>                               |                               |           |  |
|                                                                                                            |                                                    |                                 | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY    DATE<br>TELO    2008/03/03    |              |                                                                                                                               |                               |           |  |
|                                                                                                            |                                                    |                                 | 3 PLACES                                                   | ± ---  | ± ---                      | APPROVED BY    DATE<br>JLAURX    2010/09/15 |              |                                                                                                                               |                               |           |  |
|                                                                                                            |                                                    |                                 | 2 PLACES                                                   | ± 0.13 | ± ---                      | MATERIAL NO.                                |              | DOCUMENT NO.                                                                                                                  |                               | SHEET NO. |  |
|                                                                                                            |                                                    |                                 | 1 PLACE                                                    | ± 0.25 | ± ---                      | SEE CHART                                   |              | SD-76160-002                                                                                                                  |                               | 1 OF 2    |  |
|                                                                                                            |                                                    |                                 | 0 PLACE                                                    | ±      | ±                          | SIZE C                                      |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |           |  |
|                                                                                                            |                                                    |                                 | ANGULAR ±1/2°                                              |        |                            |                                             |              |                                                                                                                               |                               |           |  |
|                                                                                                            |                                                    |                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            |                                             |              |                                                                                                                               |                               |           |  |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH $\phi$         |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76160-**-06     | 6            | 24             | 19.00       | 9.50    | 0.46<br>$\pm 0.05$ |
| 76160-**-08     | 8            | 32             | 22.80       | 13.30   |                    |
| 76160-**-10     | 10           | 40             | 26.60       | 17.10   |                    |
| 76160-**-16     | 16           | 64             | 38.00       | 28.50   |                    |
| 76160-**-36     | 6            | 24             | 19.00       | 9.50    | 0.39<br>$\pm 0.05$ |
| 76160-**-38     | 8            | 32             | 22.80       | 13.30   |                    |
| 76160-**-20     | 10           | 40             | 26.60       | 17.10   |                    |
| 76160-**-26     | 16           | 64             | 38.00       | 28.50   |                    |

76160-\*\*\*\*

MODULE AND TAIL PLATING TYPE  
3 = LEFT GUIDED LEAD-FREE

POLARIZATION KEY ORIENTATION  
0 = NO KEY  
1 = A      5 = E  
2 = B      6 = F  
3 = C      7 = G  
4 = D      8 = H

# OF COLUMNS  
06 = 6 COL 0.46 PTH  
08 = 8 COL 0.46 PTH  
10 = 10 COL 0.46 PTH  
16 = 16 COL 0.46 PTH  
20 = 10 COL 0.39 PTH  
26 = 16 COL 0.39 PTH  
38 = 8 COL 0.39 PTH  
36 = 6 COL 0.39 PTH

|                                                                            |                          |                    |                                 |                                                                                                                                  |        |                 |                  |            |              |                        |           |  |
|----------------------------------------------------------------------------|--------------------------|--------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|------------------|------------|--------------|------------------------|-----------|--|
| SEE SHEET 1<br>EC NO: UCP2013-5285<br>DRWN: JCOFSKY<br>CHKD:<br>APPR: TELO | 2013/06/12<br>2013/07/18 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><br><br><br> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                            |        | DIMENSION STYLE |                  | SCALE      | DESIGN UNITS | THIRD ANGLE PROJECTION |           |  |
|                                                                            |                          |                    |                                 |                                                                                                                                  |        | MM ONLY         |                  | 3:1        | METRIC       |                        |           |  |
|                                                                            |                          |                    |                                 |                                                                                                                                  | mm     | INCH            | DRAWN BY DATE    |            | TITLE        |                        |           |  |
|                                                                            |                          |                    |                                 | 4 PLACES                                                                                                                         | ± ---  | ± ---           | JLAURX           | 2008/03/03 |              |                        |           |  |
|                                                                            |                          |                    |                                 | 3 PLACES                                                                                                                         | ± ---  | ± ---           | CHECKED BY DATE  |            |              |                        |           |  |
|                                                                            |                          |                    |                                 | 2 PLACES                                                                                                                         | ± 0.13 | ± ---           | TELO             | 2008/03/03 |              |                        |           |  |
|                                                                            |                          |                    |                                 | 1 PLACE                                                                                                                          | ± 0.25 | ± ---           | APPROVED BY DATE |            |              |                        |           |  |
|                                                                            |                          |                    |                                 | 0 PLACE                                                                                                                          | ±      | ±               | JLAURX           | 2010/09/15 |              |                        |           |  |
|                                                                            |                          |                    |                                 | ANGULAR ±1/2°                                                                                                                    |        |                 | MATERIAL NO.     |            | DOCUMENT NO. |                        | SHEET NO. |  |
|                                                                            |                          |                    |                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                       |        |                 | SEE CHART        |            | SD-76160-002 |                        | 2 OF 2    |  |
| H1                                                                         |                          |                    | SIZE                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                 |                  |            |              |                        |           |  |

molex