



DAUGHTERCARD HOLE PATTERN  
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μM MIN 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-76155-001 FOR THE MATING HEADERS AND SD-76500-001 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. PART NUMBER 76160-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.

|   |                 |  |                                       |   |   |                        |
|---|-----------------|--|---------------------------------------|---|---|------------------------|
| STANDARDIZATION<br>EC NO: UCP2013-5285<br>DRAWN: LOFSKY 2013/06/12<br>CHKD:<br>APPR:TELO 2013/07/18 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE<br><b>MM ONLY</b>     | SCALE<br><b>3:1</b>   | DESIGN UNITS<br><b>METRIC</b>   | THIRD ANGLE PROJECTION |
|   | ▽=0             | mm INCH  | DRAWN BY DATE<br>JLAURX 2008/03/03    | TITLE<br><b>IMPACT 100 OHM DC<br/>4 PAIR SIGNAL MODULE<br/>UNGUIDED SALES DRAWING</b> | <b>molex</b>  | SHEET NO.<br>1 OF 2    |
|   | ▽=0             | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ± | CHECKED BY DATE<br>TELO 2008/03/03    | DOCUMENT NO.<br><b>SD-76160-001</b>   |   |                        |
|   | ▽=0             | ANGULAR ±1/2°  | APPROVED BY DATE<br>JLAURX 2010/09/15 | SIZE<br><b>SEE CHART</b>  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |
| REV<br><b>G1</b>  | DESCRIPTION     | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   | MATERIAL NO.                          |   |   |                        |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH $\phi$         |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76160-*006      | 6            | 24             | 11.40       | 9.50    | 0.46<br>$\pm 0.05$ |
| 76160-*008      | 8            | 32             | 15.20       | 13.30   |                    |
| 76160-*010      | 10           | 40             | 19.00       | 17.10   |                    |
| 76160-*016      | 16           | 64             | 30.40       | 28.50   |                    |
| 76160-*036      | 6            | 24             | 11.40       | 9.50    | 0.39<br>$\pm 0.05$ |
| 76160-*038      | 8            | 32             | 15.20       | 13.30   |                    |
| 76160-*020      | 10           | 40             | 19.00       | 17.10   |                    |
| 76160-*026      | 16           | 64             | 30.40       | 28.50   |                    |

76160-\*0\*\*

1 = OPEN LEAD-FREE

# 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

|  |                               |  |  |   |              |                        |
|--|-------------------------------|--|--|---|--------------|------------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2013-5285<br>DRWN: COFSKY 2013/06/12<br>CHKD:<br>APPR: TELO 2013/07/18 | QUALITY SYMBOLS               | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE  | SCALE   | DESIGN UNITS | THIRD ANGLE PROJECTION |
|  | $\nabla = 0$                  | mm INCH  | MM ONLY  | 4:1   | METRIC       |                        |
|  | $\nabla = 0$                  | 4 PLACES $\pm$ --- $\pm$ ---                         | DRAWN BY DATE  | TITLE<br><b>IMPACT 100 OHM DC<br/>         4 PAIR SIGNAL MODULE<br/>         UNGUIDED SALES DRAWING</b><br><br><b>molex</b><br>DOCUMENT NO. SD-76160-001 SHEET NO. 2 OF 2 |              |                        |
|  | $\nabla = 0$                  | 3 PLACES $\pm$ --- $\pm$ ---                         | CHECKED BY DATE  |   |              |                        |
|  | 2 PLACES $\pm 0.13$ $\pm$ --- | TELO 2008/03/03                                      |  |   |              |                        |
|  | 1 PLACE $\pm 0.25$ $\pm$ ---  | APPROVED BY DATE                                     |  |   |              |                        |
|  | 0 PLACE $\pm$ $\pm$ ---       | JLAURX 2010/09/15                                    |  |   |              |                        |
|  |                               | ANGULAR $\pm 1/2^\circ$                              | MATERIAL NO.   |   |              |                        |
|  |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART  |   |              |                        |
|  |                               |  | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |              |                        |