



DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30μN 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-76155-003 FOR THE MATING HEADERS AND
SD-76500-002 FOR THE MATING RAM CONNECTORS
 8. REFER TO MOLEX PCB MOUNTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
 9. PART NUMBER 76160-5120 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 EC NO: UCP2013-5285 DRWN: LOFSKY CHKD: APPR: TELO | DESCRIPTION 2013/07/18 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | ▽=0 ▽=0 ▽=0 | mm | INCH | DRAWN BY JLAURX | DATE 2008/03/03 | TITLE | IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG molex | | |
| G1 | REV | 4 PLACES ± --- ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | CHECKED BY TELO | DATE 2008/03/03 | DOCUMENT NO. SD-76160-004 | | | |
| | | 3 PLACES ± --- ± --- | ANGULAR ±1/2° | | APPROVED BY JLAURX | DATE 2010/09/15 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | 2 PLACES ± 0.13 ± --- | SIZE | | SEE CHART | | | | | |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ϕ |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76160-***06 | 6 | 24 | 19.00 | 9.50 | 0.46 ± 0.04 |
| 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-***06 | 6 | 24 | 19.00 | 9.50 | 0.39 ± 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 & TAIL PLATING TYPE
5 = RIGHT 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 EC NO: UCP2013-5285 DRWN: COFSKY 2013/06/12 CHKD: 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 | 3:1 | METRIC | | |
| | $\nabla = 0$ | 4 PLACES \pm --- \pm --- | DRAWN BY DATE | TITLE IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG | | | |
| | $\nabla = 0$ | 3 PLACES \pm --- \pm --- | JLAURX 2008/03/03 | | | | |
| | 2 PLACES ± 0.13 \pm --- | CHECKED BY DATE | MATERIAL NO. DOCUMENT NO. SHEET NO. | | | | |
| | 1 PLACE ± 0.25 \pm --- | TELO 2008/03/03 | | | | | |
| | 0 PLACE \pm \pm --- | APPROVED BY DATE | SD-76160-004 2 OF 2 | | | | |
| | | JLAURX 2010/09/15 | | | | | |
| | | ANGULAR $\pm 1/2^\circ$ | SIZE C 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 | | | | | |