



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 MATTE TIN
ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS
AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-592.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-171065-0003 OR RSD-171062-XXXX FOR THE
MATING HEADERS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTIPAD AND
ROUTING RECOMMENDATIONS.
 9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO
PRESENCE OF PLUS CLIP.
 10. PART NUMBER 171070-5020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
 11. WHEN USING MOLEX SUPPLIED # 2-32 SCREW 73726-4000 (4.31mm±0.38
THREADABLE SCREW LENGTH), MIN. BOARD THICKNESS IS 1.6mm FOR
SCREW/BOSS FUNCTIONALITY.

| PRODUCTION RELEASE EC NO: UCP2013-3179 DRAWN:PREMO 2012/09/28 CHKD: CHKKD APPR:TELO 2013/02/01 REV: A | DESCRIPTION 2013/02/01 | QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>±---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>±---</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.13</td> <td>±---</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.25</td> <td>±---</td> </tr> </table> | | mm | INCH | 4 PLACES ± | --- | ±--- | 3 PLACES ± | --- | ±--- | 2 PLACES ± | 0.13 | ±--- | 1 PLACE ± | 0.25 | ±--- | DIMENSION STYLE MM ONLY | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|---|---------------------------|---|--|--------------------|---|------|------------|-----|------|------------|-----|------|------------|------|------|-----------|------|------|-----------------------------------|---------------------|-------------------------------|------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES ± | --- | ±--- | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES ± | --- | ±--- | | | | | | | | | | | | | | | | | | | |
| 2 PLACES ± | 0.13 | ±--- | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE ± | 0.25 | ±--- | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | DRAWN BY KBENES | DATE 2012/02/07 | TITLE IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE CHART | | | CHECKED BY TELO | DATE 2012/02/07 | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | |
| SIZE C | | | APPROVED BY TELO | DATE 2013/02/01 | DOCUMENT NO. SD-171070-0004 | | | | | | | | | | | | | | | | | |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ϕ |
|-----------------|--------------|----------------|-------------|---------|------------|
| 171070-5010 | 10 | 20 | 26.60 | 17.10 | 0.46 |
| 171070-5016 | 16 | 32 | 38.00 | 28.50 | +0.05 |
| 171070-5020 | 10 | 20 | 26.60 | 17.10 | 0.39 |
| 171070-5026 | 16 | 32 | 38.00 | 28.50 | +0.05 |

171070-*0**

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDED LEAD-FREE

OF COLUMNS
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 COL 0.39 PTH

| | | | | | | | |
|--|-----------------------|--|---|--|--------------|------------------------|--|
| SEE SHEET 1 EC NO: UCP2013-3179 DRAWN:TPREMO 2012/09/28 CHKD: APPR:TELO 2013/02/01 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | mm INCH | MM ONLY | 4:1 | METRIC | | |
| | | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG | | | |
| | | 3 PLACES ± --- ± --- | KBENES 2012/02/07 | | | | |
| | 2 PLACES ± 0.13 ± --- | CHECKED BY DATE | MATERIAL NO. DOCUMENT NO. SHEET NO. SEE CHART SD-171070-0004 2 OF 2 | | | | |
| | 1 PLACE ± 0.25 ± --- | TELO 2012/02/07 | | | | | |
| | 0 PLACE ± --- ± --- | APPROVED BY DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | TELO 2013/02/01 | | | | | |
| | | ANGULAR ±1/2° | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | |