

## Excellent Integrated System Limited

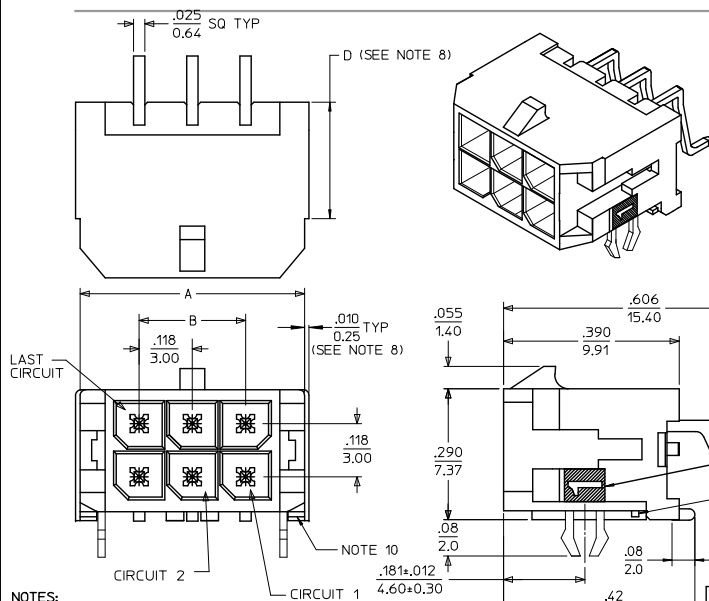
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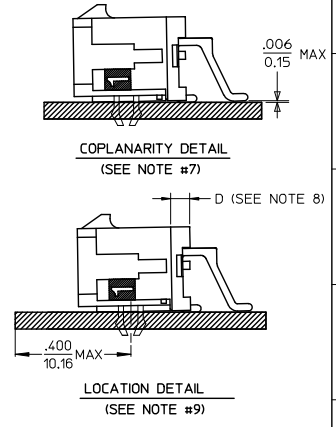


**NOTES:**

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0. COLOR: BLACK
- TERMINAL MATERIAL: BRASS ALLOY
- FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE. (FINISH IS BRIGHT IN APPEARANCE. THICKNESS AS APPLIED PRIOR TO REFLOW).  
B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA, .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS, BOTH OVER .000050/(0.00127) MIN. NICKEL PLATE.  
C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA, .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS, BOTH OVER .000050/(0.00127) MIN. NICKEL PLATE.  
D = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL PLATE.
- PRODUCT SPECIFICATION: PS-43045
- TAPE AND REEL PACK: SEE MOLEX DRAWING PK-70873-05\*\*
- MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43025
- TO MINIMIZE INSERTION FORCE OF MOUNTING CLIPS DURING ROBOTIC PLACEMENT THE HOLE DIAMETER SHOULD BE INCREASED TO .108±.002 / 2.74±0.05 AND THEN EVALUATED PER PLACEMENT EQUIPMENT.
- THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL MUST NOT EXCEED .006/0.15
- CIRCUIT SIZES 2-6: 'D' IS .265/6.74 FOR .010/0.25 STEP. CIRCUIT SIZES 8-24: 'D' IS .063/1.60 FOR .010/0.25 STEP.
- TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
- METAL TAB MAY BE FLUSH WITH PCB.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| CKTS | FINISH A   | VOID CKT  | FINISH B   | FINISH C   | FINISH D   |
|------|------------|-----------|------------|------------|------------|
| 02   | 43045-0206 |           | 43045-0207 | 43045-0208 | 43045-0303 |
| 04   | 43045-0406 |           | 43045-0407 | 43045-0408 | 43045-0503 |
| 06   | 43045-0606 |           | 43045-0607 | 43045-0608 | 43045-0703 |
| 08   | 43045-0806 |           | 43045-0807 | 43045-0808 | 43045-0903 |
| 10   | 43045-1006 |           | 43045-1007 | 43045-1008 | 43045-1103 |
| 12   | 43045-1206 |           | 43045-1207 | 43045-1208 | 43045-1303 |
| 14   | 43045-1406 |           | 43045-1407 | 43045-1408 | 43045-1503 |
| 16   | 43045-1606 |           | 43045-1607 | 43045-1608 | 43045-1703 |
| 18   | 43045-1806 |           | 43045-1807 | 43045-1808 | 43045-1903 |
| 20   | 43045-2006 |           | 43045-2007 | 43045-2008 | 43045-2103 |
| 22   | 43045-2206 |           | 43045-2207 | 43045-2208 | 43045-2303 |
| 24   | 43045-2406 |           | 43045-2407 | 43045-2408 | 43045-2503 |
| 12   | 43045-9206 | 3.4 9.10  |            |            |            |
| 16   | 43045-9606 | 4.5 12.13 |            |            |            |

|                                                                                                                                    |                                             |                                                                                                                                                                               |  |                                                                                                                                                         |  |                                                                                       |  |                                                                                                     |  |                            |  |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|----------------------------|--|
| <b>REVISE FINISH A</b><br>EC NO: UCP2016-2797<br>DRAWN: LAFTER 2016/01/15<br>CHKD: JDOX 2016/01/15<br>APPR: SMITH 2016/02/26<br>G5 | <b>QUALITY SYMBOLS</b><br>∇=0<br>∇=0<br>∇=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b><br>mm INCH<br>4 PLACES ±.005 ±.002<br>3 PLACES ±.005 ±.010<br>2 PLACES ±.005 ±.014<br>1 PLACE ±.005 ±.014<br>0 PLACE ±.005 ±.014 |  | <b>DIMENSION STYLE</b><br>IN/MM<br>DRAWN BY DATE<br>SAMIEC 2000/03/15<br>CHECKED BY DATE<br>MUELLER 2000/03/15<br>APPROVED BY DATE<br>FSMITH 2016/02/26 |  | <b>SCALE</b><br>---<br><b>DESIGN UNITS</b><br>METRIC<br><b>THIRD ANGLE PROJECTION</b> |  | <b>TITLE</b><br>MICRO FIT (3.0)<br>DUAL ROW RIGHT ANGLE SMT<br>HEADER W/CLIPS ASS'Y<br><b>molex</b> |  | <b>SHEET NO.</b><br>1 OF 1 |  |
|                                                                                                                                    |                                             | <b>ANGULAR ±1/2°</b><br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                                  |  | <b>SEE CHART</b><br>SIZE C                                                                                                                              |  | <b>DOCUMENT NO.</b><br>SD-43045-003                                                   |  |                                                                                                     |  |                            |  |
|                                                                                                                                    |                                             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                 |  |                                                                                                                                                         |  |                                                                                       |  |                                                                                                     |  |                            |  |
|                                                                                                                                    |                                             |                                                                                                                                                                               |  |                                                                                                                                                         |  |                                                                                       |  |                                                                                                     |  |                            |  |



| CKTS | A     | B     | C     |
|------|-------|-------|-------|
| 02   | .262  | .169  | .169  |
|      | 6.65  | NA    | 4.30  |
| 04   | .380  | .118  | .287  |
|      | 9.65  | 3.00  | 7.30  |
| 06   | .498  | .236  | .405  |
|      | 12.65 | 6.00  | 10.30 |
| 08   | .616  | .354  | .524  |
|      | 15.65 | 9.00  | 13.30 |
| 10   | .734  | .472  | .642  |
|      | 18.65 | 12.00 | 16.30 |
| 12   | .852  | .591  | .760  |
|      | 21.65 | 15.00 | 19.30 |
| 14   | .970  | .709  | .878  |
|      | 24.65 | 18.00 | 22.30 |
| 16   | 1.088 | .827  | .996  |
|      | 27.65 | 21.00 | 25.30 |
| 18   | 1.206 | .945  | 1.114 |
|      | 30.65 | 24.00 | 28.30 |
| 20   | 1.325 | 1.063 | 1.232 |
|      | 33.65 | 27.00 | 31.30 |
| 22   | 1.443 | 1.181 | 1.350 |
|      | 36.65 | 30.00 | 34.30 |
| 24   | 1.561 | 1.299 | 1.469 |
|      | 39.65 | 33.00 | 37.30 |