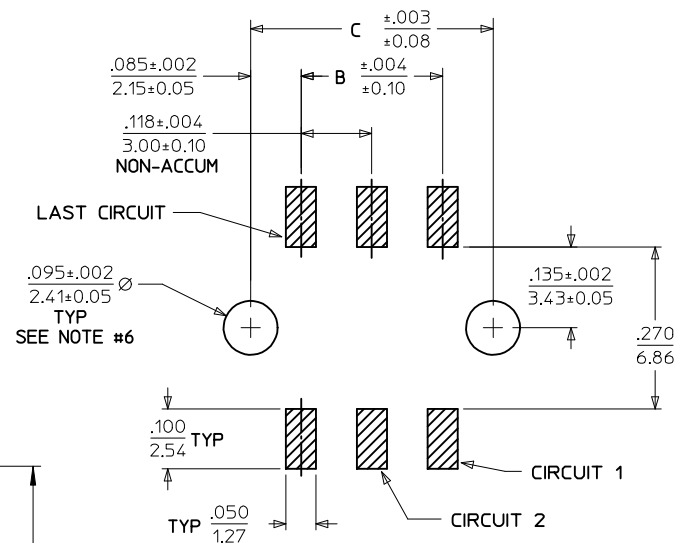
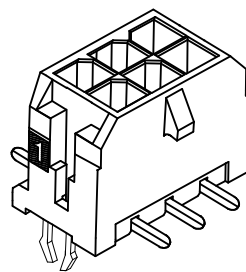
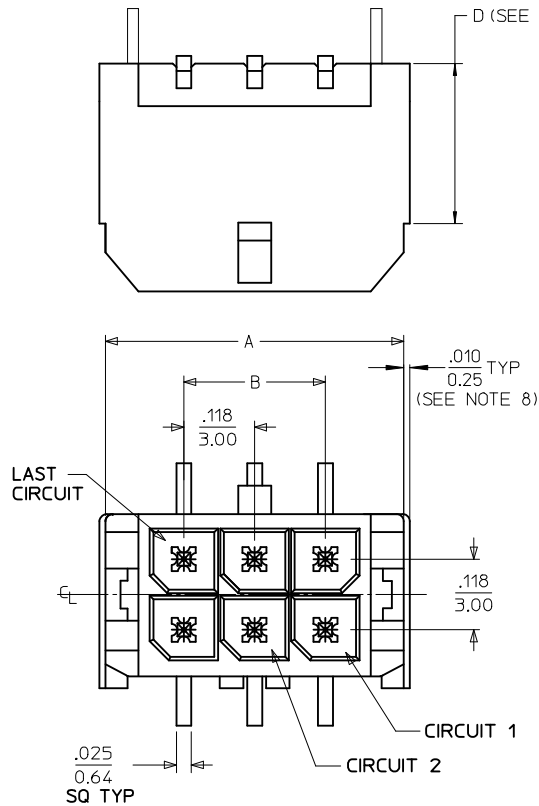
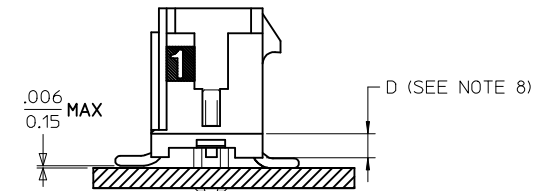
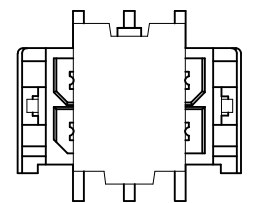




PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/157



COPLANARITY DETAIL  
SEE NOTE #7



SHOWN WITH DISPOSABLE CAP  
(FOR REMOVAL FROM TAPE & REEL PACKAGING)  
SEE NOTE #4

- NOTES:
- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0, COLOR: BLACK  
TERMINAL MATERIAL: BRASS ALLOY
  - FINISH: A = .000060/(0.00152) MIN. REFLOW 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 0.265/6.74 FOR .010/0.25 STEP.  
CIRCUIT SIZES 8-24: "D" IS .063/1.60 FOR .010/0.25 STEP.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

|      | FINISH A     | FINISH B     | FINISH C     | FINISH D     |
|------|--------------|--------------|--------------|--------------|
| CKTS | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: |
| 02   | 43045-0215   | 43045-0216   | 43045-0217   | 43045-0320   |
| 04   | 43045-0415   | 43045-0416   | 43045-0417   | 43045-0520   |
| 06   | 43045-0615   | 43045-0616   | 43045-0617   | 43045-0720   |
| 08   | 43045-0815   | 43045-0816   | 43045-0817   | 43045-0920   |
| 10   | 43045-1015   | 43045-1016   | 43045-1017   | 43045-1120   |
| 12   | 43045-1215   | 43045-1216   | 43045-1217   | 43045-1320   |
| 14   | 43045-1415   | 43045-1416   | 43045-1417   | 43045-1520   |
| 16   | 43045-1615   | 43045-1616   | 43045-1617   | 43045-1720   |
| 18   | 43045-1815   | 43045-1816   | 43045-1817   | 43045-1920   |
| 20   | 43045-2015   | 43045-2016   | 43045-2017   | 43045-2120   |
| 22   | 43045-2215   | 43045-2216   | 43045-2217   | 43045-2320   |
| 24   | 43045-2415   | 43045-2416   | 43045-2417   | 43045-2520   |

|                                                                                                                             |                                      |                                                                                                                                                                                                                                                     |                                                                                                                                                  |                                                                  |                                                                                           |                              |                     |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------|---------------------|
| ADD FINISH D<br>EC NO: UCP2017-0274<br>DRAWN:SLAFTER 2016/07/29<br>CHKD:SSOUSEK 2016/07/29<br>APPR:FSM1TH 2016/08/03<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± 0.25 ± .014<br>1 PLACE ± 0.36 ± ---<br>0 PLACE ± --- ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<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>FSM1TH 2016/08/03 | SCALE<br>---<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>MICRO FIT (3.0)<br>DUAL ROW VERTICAL SMT<br>HEADER W/CLIPS ASS'Y<br><b>molex</b> | DOCUMENT NO.<br>SD-43045-006 | SHEET NO.<br>1 OF 1 |
|                                                                                                                             |                                      |                                                                                                                                                                                                                                                     |                                                                                                                                                  |                                                                  |                                                                                           |                              |                     |
|                                                                                                                             |                                      |                                                                                                                                                                                                                                                     |                                                                                                                                                  |                                                                  |                                                                                           |                              |                     |
|                                                                                                                             |                                      |                                                                                                                                                                                                                                                     |                                                                                                                                                  |                                                                  |                                                                                           |                              |                     |