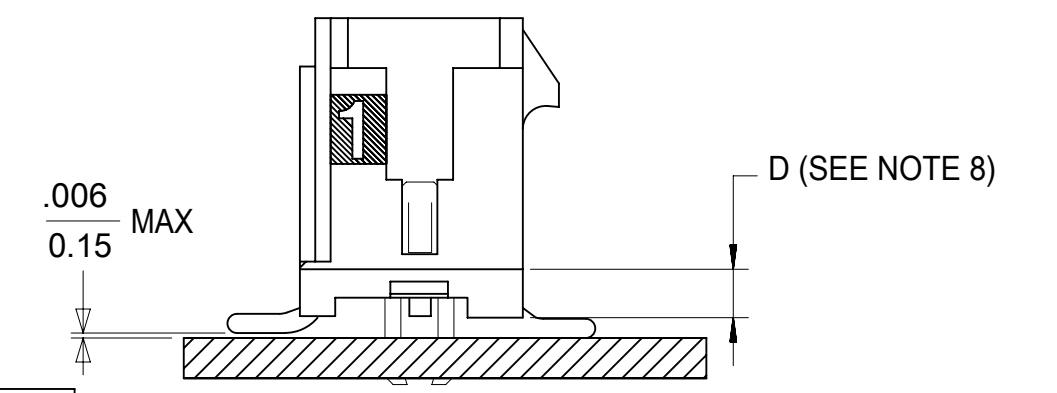
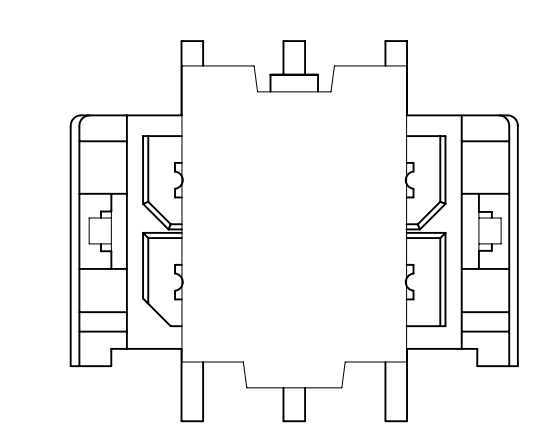


PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/1.57



COPLANARITY DETAIL  
SEE NOTE #7



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

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

- 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.
  - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

|      | 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   |

|         |  |   |                                    |
|---------|--|---|------------------------------------|
| SYMBOLS |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                    |
| ▽ = 0   | IN / MM  | SCALE   | CURRENT REV DESC: CORRECT GRAPHICS |
| ▽ = 0   | NTS  |   |                                    |
| ▽ = 0   | GENERAL TOLERANCES (UNLESS SPECIFIED)                |   |                                    |
| ▽ = 0   | 4 PLACES   | ±   |                                    |
| ▽ = 0   | 3 PLACES   | ±   | 0.01                               |
| ▽ = 0   | 2 PLACES   | ±   | 0.25 ± 0.014                       |
| ▽ = 0   | 1 PLACE  | ±   | 0.36 ±                             |
| ▽ = 0   | 0 PLACES   | ±   |                                    |
| ▽ = 0   | ANGULAR TOL  | ±   | 0.5 °                              |
| ▽ = 0   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | THIRD ANGLE PROJECTION             |
|         |  | DRAWING   | SERIES                             |
|         |  | C-SIZE  | 43045                              |
|         |  | EC NO: 609742   | DRWN: MPETROVICH 2018/09/25        |
|         |  | CHK'D: SSOUSEK 2018/12/28   | APPR: FSMITH 2019/01/02            |
|         |  | INITIAL REVISION:   | DRWN: SAMIEC 2000/03/15            |
|         |  |   | APPR: FSMITH 2016/08/03            |
|         |  | DOCUMENT NUMBER   | DOC TYPE   DOC PART   REVISION     |
|         |  | SD-43045-006  | PSD   001   G4                     |
|         |  | MATERIAL NUMBER   | CUSTOMER                           |
|         |  | SEE CHART   | GENERAL MARKET                     |
|         |  |   | SHEET NUMBER                       |
|         |  |   | 1 OF 1                             |