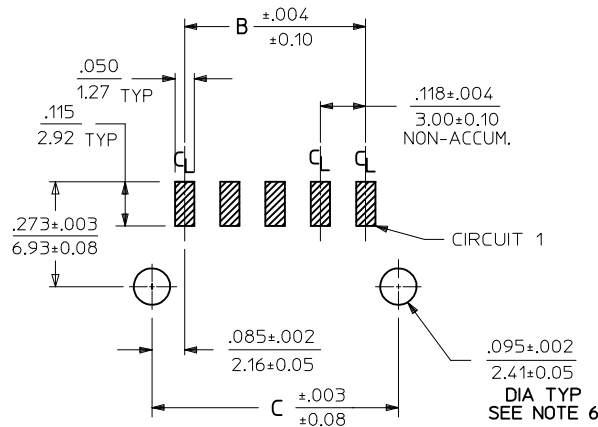
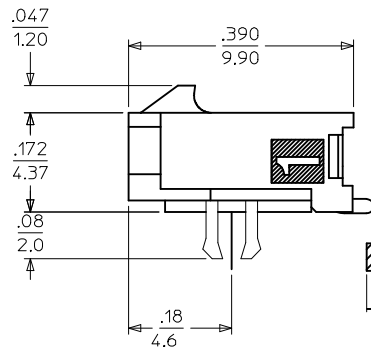
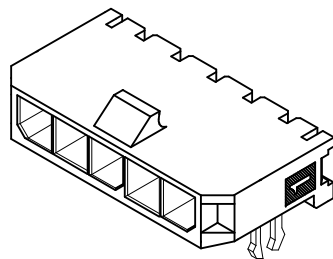
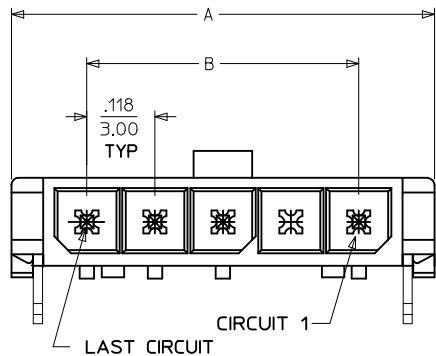
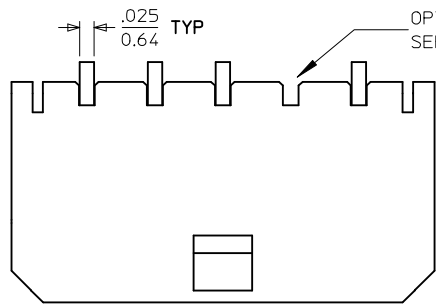
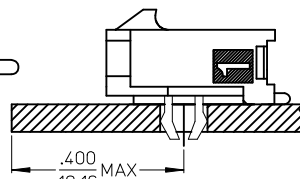
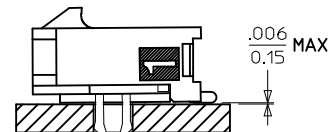




PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/1.57

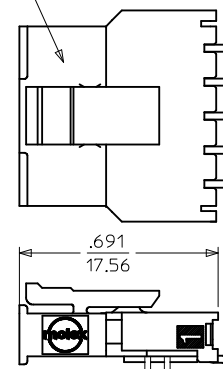


LOCATION DETAIL  
SEE NOTE #8



COPLANARITY DETAIL  
SEE NOTE #7

RECEPTACLE #43645



MATED MICRO FIT CONNECTORS

#### NOTES:

- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINAL MATERIAL: BRASS ALLOY
- FINISH:  
A = .000100/(0.00254) MIN. BRIGHT TIN OVER  
.000050/(0.00127) MIN. NICKEL  
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) NICKEL OVERALL  
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) NICKEL OVERALL
- PRODUCT SPECIFICATION: PS-43650
- TAPE AND REEL PACKAGED : SEE MOLEX DRAWING PK-70873-07\*\*
- MATES WITH: RECEPTACLE NUMBER 43645
- TO MINIMIZE INSERTION FORCE ON MOUNTING CLIPS DURING ROBOTIC PLACEMENT, HOLE DIAMETER SPECIFICATIONS MUST BE INCREASED MAKING THEM MORE COMPATIBLE WITH PICK AND PLACE EQUIPMENT. HOLE DIAMETERS SHOULD BE INCREASED TO APPROXIMATELY .100±.002/(2.54±0.05) AND 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 ANY TERMINAL MUST NOT EXCEED .006/0.15
- 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.
- PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| CKTS | FINISH A     |  | FINISH B     |          | FINISH C     |          |
|------|--------------|--|--------------|----------|--------------|----------|
|      | MATERIAL NO: |  | MATERIAL NO: | VOID CKT | MATERIAL NO: | VOID CKT |
| 02   | 43650-0209   |  | 43650-0210   |          | 43650-0211   |          |
| 03   | 43650-0309   |  | 43650-0310   |          | 43650-0311   |          |
| 04   | 43650-0409   |  | 43650-0410   |          | 43650-0411   |          |
| 05   | 43650-0509   |  | 43650-0510   |          | 43650-0511   |          |
| 06   | 43650-0609   |  | 43650-0610   |          | 43650-0611   |          |
| 07   | 43650-0709   |  | 43650-0710   |          | 43650-0711   |          |
| 08   | 43650-0809   |  | 43650-0810   |          | 43650-0811   |          |
| 09   | 43650-0909   |  | 43650-0910   |          | 43650-0911   |          |
| 10   | 43650-1009   |  | 43650-1010   |          | 43650-1011   |          |
| 11   | 43650-1109   |  | 43650-1110   |          | 43650-1111   |          |
| 12   | 43650-1209   |  | 43650-1210   |          | 43650-1211   |          |
| 03   |              |  |              |          | 43650-1311   | 02       |
| 04   |              |  | 43650-1410   | 02       |              |          |

|                                                                                                                              |                 |             |                                                            |        |                          |                       |                    |                                                                                                                                  |                                                                                                                 |                     |
|------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|------------------------------------------------------------|--------|--------------------------|-----------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------|
| ADD 43650-1311<br>EC NO: UCP2014-1937<br>2013/11/12<br>DRWNG: B<br>CHKD: SSOUSEK<br>2013/11/18<br>APPR: FSMITH<br>2013/11/25 | QUALITY SYMBOLS | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM |                       | SCALE<br>---       | DESIGN UNITS<br>METRIC                                                                                                           |  THIRD ANGLE<br>PROJECTION |                     |
|                                                                                                                              |                 |             |                                                            | mm     | INCH                     | DRAWN BY<br>SAMIEC    | DATE<br>2000/07/07 | TITLE<br><br>MICRO FIT (3.0)<br>SINGLE ROW / RIGHT ANGLE<br>SMT / CLIPS / REEL                                                   |                                                                                                                 |                     |
|                                                                                                                              |                 |             | 4 PLACES                                                   | ± ---  | ± ---                    | CHECKED BY<br>MUELLER | DATE<br>2000/07/07 |                                                                                                                                  |                                                                                                                 |                     |
|                                                                                                                              |                 |             | 3 PLACES                                                   | ± ---  | ± .010                   | APPROVED BY<br>EDGLEY | DATE<br>2000/07/07 |                                                                                                                                  |                                                                                                                 |                     |
|                                                                                                                              |                 |             | 2 PLACES                                                   | ± 0.25 | ± .014                   | MATERIAL NO.          | DOCUMENT NO.       |                                                                                                                                  |                                                                                                                 |                     |
|                                                                                                                              |                 |             | 1 PLACE                                                    | ± 0.36 | ± ---                    | SEE CHART             |                    |                                                                                                                                  |                                                                                                                 | SD-43650-004        |
|                                                                                                                              |                 |             | 0 PLACE                                                    | ±      |                          | SIZE C                |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                 |                     |
|                                                                                                                              |                 |             | ANGULAR ±1/2°                                              |        |                          |                       |                    |                                                                                                                                  |                                                                                                                 |                     |
|                                                                                                                              |                 |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                          |                       |                    |                                                                                                                                  |                                                                                                                 | SHEET NO.<br>1 OF 1 |
|                                                                                                                              |                 |             | D2                                                         | REV    |                          |                       |                    |                                                                                                                                  |                                                                                                                 |                     |