



| CKTS | A              | B              | C              |
|------|----------------|----------------|----------------|
| 2    | .380<br>9.65   | .118<br>3.00   | .559<br>14.20  |
| 3    | .498<br>12.65  | .236<br>6.00   | .677<br>17.20  |
| 4    | .616<br>15.65  | .354<br>9.00   | .795<br>20.20  |
| 5    | .734<br>18.65  | .472<br>12.00  | .913<br>23.20  |
| 6    | .852<br>21.65  | .591<br>15.00  | 1.031<br>26.20 |
| 7    | .970<br>24.65  | .709<br>18.00  | 1.150<br>29.20 |
| 8    | 1.089<br>27.65 | .827<br>21.00  | 1.268<br>32.20 |
| 9    | 1.207<br>30.65 | .945<br>24.00  | 1.386<br>35.20 |
| 10   | 1.325<br>33.65 | 1.063<br>27.00 | 1.504<br>38.20 |
| 11   | 1.443<br>36.65 | 1.181<br>30.00 | 1.622<br>41.20 |
| 12   | 1.561<br>39.65 | 1.299<br>33.00 | 1.740<br>44.20 |

- 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 MICRO FIT (3.0) RECEPTACLE SERIES 43645
  - THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL OR NAIL 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     |  | VOID CKT | FINISH C     |  |
|------|--------------|--|--------------|--|----------|--------------|--|
|      | MATERIAL NO: |  | MATERIAL NO: |  |          | MATERIAL NO: |  |
| 02   | 43650-0212   |  | 43650-0213   |  |          | 43650-0214   |  |
| 03   | 43650-0312   |  | 43650-0313   |  |          | 43650-0314   |  |
| 04   | 43650-0412   |  | 43650-0413   |  |          | 43650-0414   |  |
| 05   | 43650-0512   |  | 43650-0513   |  |          | 43650-0514   |  |
| 06   | 43650-0612   |  | 43650-0613   |  |          | 43650-0614   |  |
| 07   | 43650-0712   |  | 43650-0713   |  |          | 43650-0714   |  |
| 08   | 43650-0812   |  | 43650-0813   |  |          | 43650-0814   |  |
| 09   | 43650-0912   |  | 43650-0913   |  |          | 43650-0914   |  |
| 10   | 43650-1012   |  | 43650-1013   |  |          | 43650-1014   |  |
| 11   | 43650-1112   |  | 43650-1113   |  |          | 43650-1114   |  |
| 12   | 43650-1212   |  | 43650-1213   |  |          | 43650-1214   |  |
| 04   |              |  | 43650-1413   |  | 02       |              |  |

|  |                                      |   |                       |                    |   |                     |                        |                        |                    |   |
|--|--------------------------------------|---|-----------------------|--------------------|---|---------------------|------------------------|------------------------|--------------------|---|
| CORRECT 220/5.60<br>EC NO: UCP/2011-1431<br>DRAWING/REV: 2010/11/18<br>CHKD/ISSUED: 2010/11/18<br>APPROVED: 2010/12/03<br>E2 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                       | DIMENSION STYLE    |   | SCALE<br>---        | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |                    |   |
|  |                                      |   | mm                    | INCH               | IN/MM   |                     |                        |                        |                    |   |
|  |                                      | 4 PLACES  | ±---                  | ±---               | DRAWN BY<br>SAMI EC                                       |                     |                        |                        | DATE<br>2000/07/07 | TITLE<br>MICRO FIT (3.0)<br>SINGLE ROW / RIGHT ANGLE<br>SMT / NAILS / REELS |
|  |                                      | 3 PLACES  | ±---                  | ±.010              | CHECKED BY<br>MUELLER                                     |                     |                        |                        | DATE<br>2000/07/07 | MATERIAL NO.<br>SD-43650-005  |
| 2 PLACES   | ±0.25                                | ±.014   | APPROVED BY<br>FSMITH | DATE<br>2010/12/03 | DOCUMENT NO.<br>SD-43650-005                              | SHEET NO.<br>1 OF 1 |                        |                        |                    |   |
| 1 PLACE  | ±0.36                                | ±---  | ANGULAR ±1/2°         |                    | DRAFT WHEN APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                     |                        |                        |                    |   |
| SIZE   |                                      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                    |   |                     |                        |                        |                    |   |