



| CKTS | DIM A | DIM B | DIM C |
|------|-------|-------|-------|
| 2 | .380 | .118 | .287 |
| | 9.65 | 3.00 | 7.30 |
| 3 | .498 | .236 | .405 |
| | 12.65 | 6.00 | 10.30 |
| 4 | .616 | .354 | .524 |
| | 15.65 | 9.00 | 13.30 |
| 5 | .734 | .472 | .642 |
| | 18.64 | 12.00 | 16.30 |
| 6 | .852 | .591 | .760 |
| | 21.64 | 15.00 | 19.30 |
| 7 | .970 | .709 | .878 |
| | 24.64 | 18.00 | 22.30 |
| 8 | 1.088 | .827 | .996 |
| | 27.64 | 21.00 | 25.30 |
| 9 | 1.206 | .945 | 1.114 |
| | 30.63 | 24.00 | 28.30 |
| 10 | 1.325 | 1.063 | 1.232 |
| | 33.66 | 27.00 | 31.30 |
| 11 | 1.443 | 1.181 | 1.350 |
| | 36.65 | 30.00 | 34.30 |
| 12 | 1.561 | 1.299 | 1.469 |
| | 39.65 | 33.00 | 37.30 |

- 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
* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC."
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN/LEAD
IN THE PC TAIL AREA.
 - 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.
 - A HIGHER TEMPERATURE GRADE MATERIAL (260C MAX. REFLOW TEMPERATURE) IS BEING
PHASED-IN BEGINNING AUGUST 2007. PARTS WILL BE TEMPORARILY IDENTIFIED WITH A
BLUE DOT ON THE PRIMARY SHIPPING CARTON LABEL UNTIL ALL CIRCUIT SIZES ARE
CONVERTED, AT WHICH TIME A FULL-CONVERSION DATE WILL BE IDENTIFIED IN PS-43650.

| CKTS | FINISH A | | FINISH B | | VOID CKT | FINISH C | |
|------|--------------|--|--------------|--|----------|--------------|--|
| | MATERIAL NO: | | MATERIAL NO: | | | MATERIAL NO: | |
| 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 | |
| 04 | 43650-1410 | | 43650-1410 | | 02 | 43650-1410 | |

LOCATION DETAIL
SEE NOTE #8

COPLANARITY DETAIL
SEE NOTE #7

RECEPTACLE #43645

MATED MICRO FIT CONNECTORS

| | | | | | | | |
|-----------------|--|-------|-----------------|------------|--|--------------|------------------------|
| QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | mm | INCH | IN/MM | | | | |
| ▽=0 | 4 PLACES ±--- | ±--- | DRAWN BY | DATE | TITLE | MATERIAL NO. | DOCUMENT NO. |
| ▽=0 | 3 PLACES ±--- | ±.010 | SAMIEC | 2000/07/07 | | | |
| ▽=0 | 2 PLACES ±0.25 | ±.014 | CHECKED BY | DATE | MATERIAL NO. | DOCUMENT NO. | SHEET NO. 1 OF 1 |
| ▽=0 | 1 PLACE ±0.36 | ±--- | MUELLER | 2000/07/07 | | | |
| | ANGULAR ±1/2° | | APPROVED BY | DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | EDGLEY | 2000/07/07 | | | |