

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

**NOTES:**

1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK  
 TERMINAL MATERIAL: BRASS ALLOY

**2. 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.

3. PRODUCT SPECIFICATION: PS-43650  
 4. TAPE AND REEL PACKAGED : SEE MOLEX DRAWING PK-70873-07\*\*  
 5. MATES WITH: RECEPTACLE NUMBER 43645

6. 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.

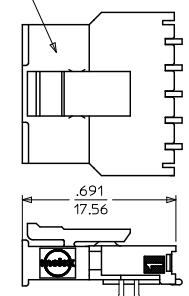
7. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A  
 FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY  
 ANY TERMINAL MUST NOT EXCEED .006/0.15

8. 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.

9. 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	

RECEPTACLE #43645



ADD 43650-1410 EC NO: UCP2011-0271 DRWINGIRAVANI 2010/07/29 CHK:SSUSEK 2010/07/29 APPROVAL:MLT 2010/08/16	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±.010 ±.010 3 PLACES ±.010 ±.010 2 PLACES ±.025 ±.014 1 PLACE ±.036 ±.014 ANGULAR ±1/2°	DRAWN BY SAMIEC DATE 2000/07/07	CHECKED BY MUELLER DATE 2000/07/07	APPROVED BY EDGLEY DATE 2000/07/07	TITLE MICRO FIT (3.0) SINGLE ROW / RIGHT ANGLE SMT / CLIPS / REEL		MOLEX INCORPORATED
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SD-43650-004		DOCUMENT NO. SD-43650-004		SHEET NO. 1 OF 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								