

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

NOTES:

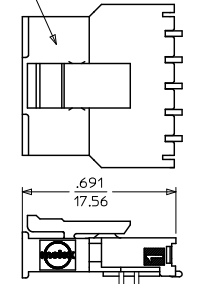
- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINAL MATERIAL: BRASS ALLOY
- FINISH:  
A = .000100/(0.00254) MIN. BRIGHT TIN OVER  
.000050/(0.00127) MIN. NICKEL  
B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA  
.000100/(0.00254) MIN. SELECT MATTE TIN ON 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.

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

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		02		

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):		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ±.010	3 PLACES ±.010	2 PLACES ±.014	1 PLACE ±.036	ANGULAR ±1/2°	DRAWN BY SAMIEC	DATE 2000/07/07	TITLE MICRO FIT (3.0) SINGLE ROW / RIGHT ANGLE SMT / CLIPS / REEL
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO. SD-43650-004		DOCUMENT NO. 1 OF 1	

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