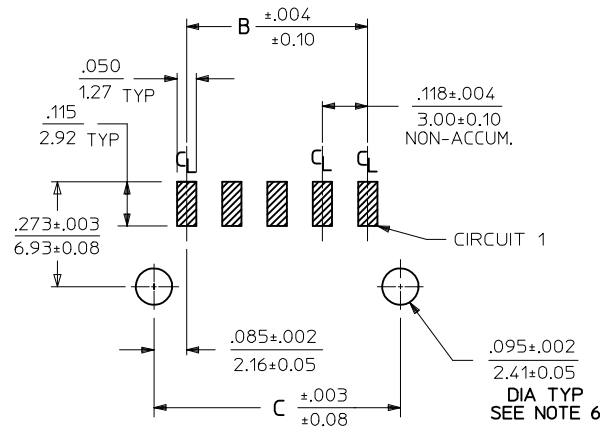
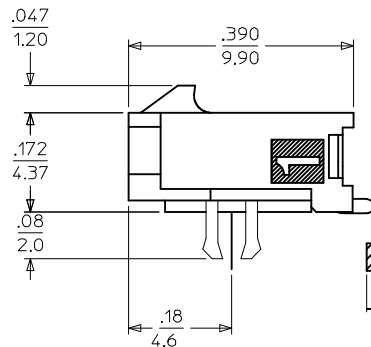
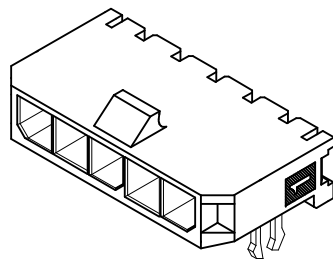
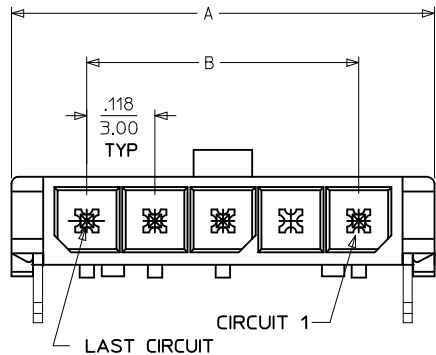
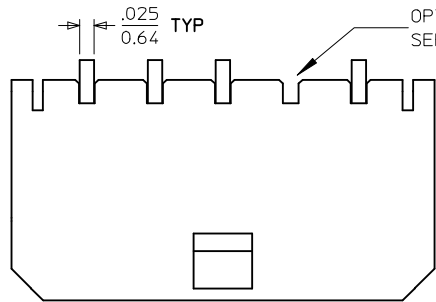
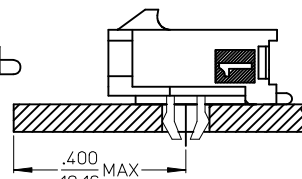
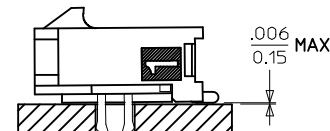




PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57



LOCATION DETAIL
SEE NOTE #8



COPLANARITY DETAIL
SEE NOTE #7

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:

- 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		

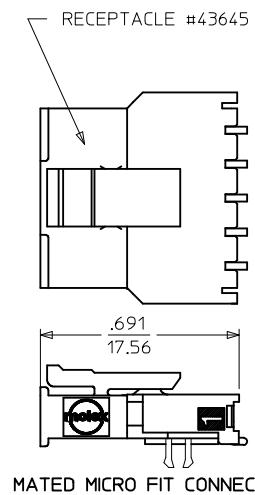
ADD 43650-1311
EC NO: UCP2014-1937
2013/11/12
DRWNG: B
CHKD: SSOUSEK
2013/11/18
APPR: FSMITH
2013/11/25
REV: D2

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± .014
1 PLACE ± 0.36 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM
DRAWN BY DATE
SAMIEC 2000/07/07
CHECKED BY DATE
MUELLER 2000/07/07
APPROVED BY DATE
EDGLEY 2000/07/07
MATERIAL NO.
SEE CHART
SIZE C

SCALE ---
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
MICRO FIT (3.0)
SINGLE ROW / RIGHT ANGLE
SMT / CLIPS / REEL
molex
DOCUMENT NO. SD-43650-004
SHEET NO. 1 OF 1
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MATED MICRO FIT CONNECTORS