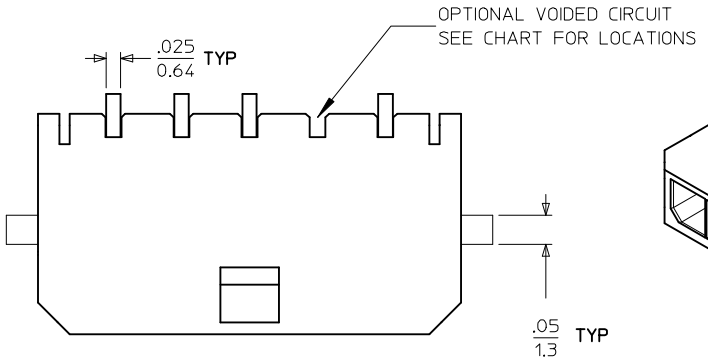
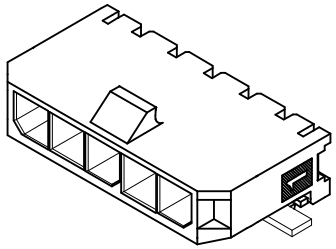
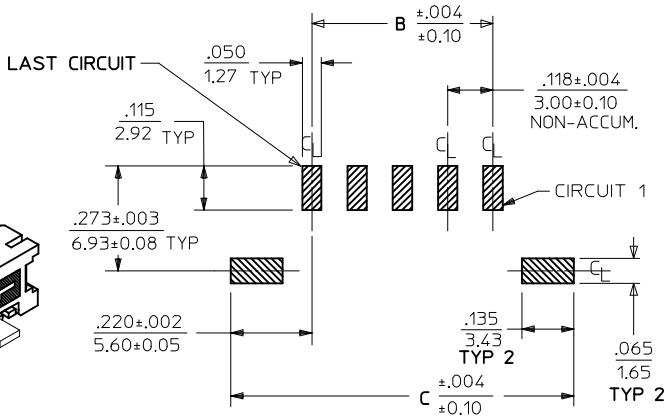
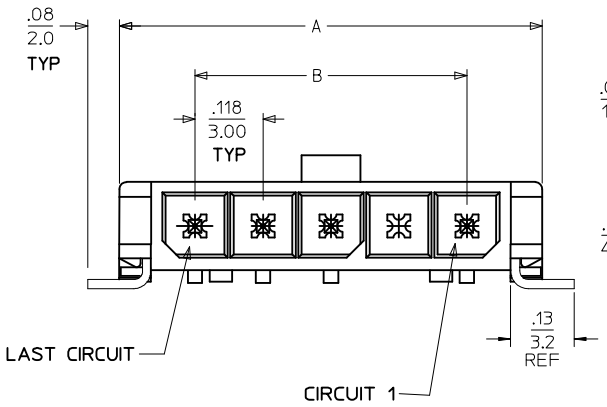


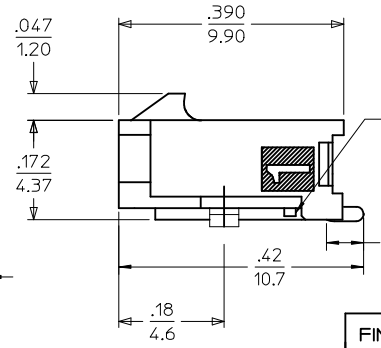


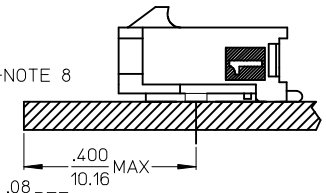


PCB LAYOUT: COMPONENT SIDE

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

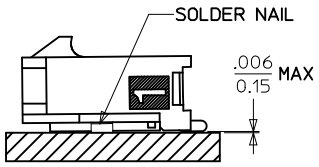






LOCATION DETAIL

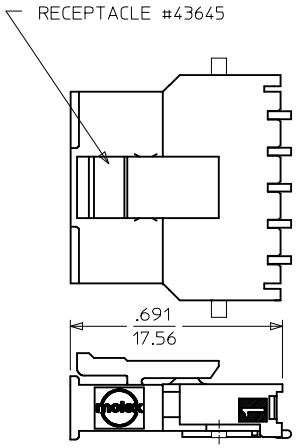
SEE NOTE #7



COPLANARITY DETAIL

SEE NOTE #6

CKTS	FINISH A MATERIAL NO:	FINISH B MATERIAL NO:	FINISH B VOID CKT	FINISH C MATERIAL NO:	FINISH C VOID CKT
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	
03				43650-1314	02
04		43650-1413	02		
04		43650-9413	02, 03		



MATED MICRO FIT CONNECTOR

NOTES:

1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK
   TERMINAL MATERAIL: BRASS ALLOY
2. FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER .000050/(0.00127) MIN. NICKEL
   (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
   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
3. PRODUCT SPECIFICATION: PS-43650
4. TAPE AND REEL PACKAGED : SEE MOLEX DRAWING PK-70873-07**
5. MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43645
6. 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
7. 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.
8. METAL TAB MAY BE FLUSH WITH PCB.
9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

REVISE FINISH A
EC NO: UCP2016-2946
DRWN:BAPPELDORN 2016/01/28
CHKD: JDFOX 2016/01/28
APPR:FSMITH 2016/03/18
DESCRIPTION
E5
REV

QUALITY SYMBOLS
E =0
E =0
E =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

SCALE: ---

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

DRAWN BY	SAMIEC	DATE 2000/07/07
CHECKED BY	MUELLER	DATE 2000/07/07
APPROVED BY	FSMITH	DATE 2016/03/18

TITLE: MICRO FIT (3.0) SINGLE ROW / RIGHT ANGLE SMT / NAILS / REELS

molex

MATERIAL NO.: SEE CHART

DOCUMENT NO.: SD-43650-005

SHEET NO.: 1 OF 1

SIZE: C

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