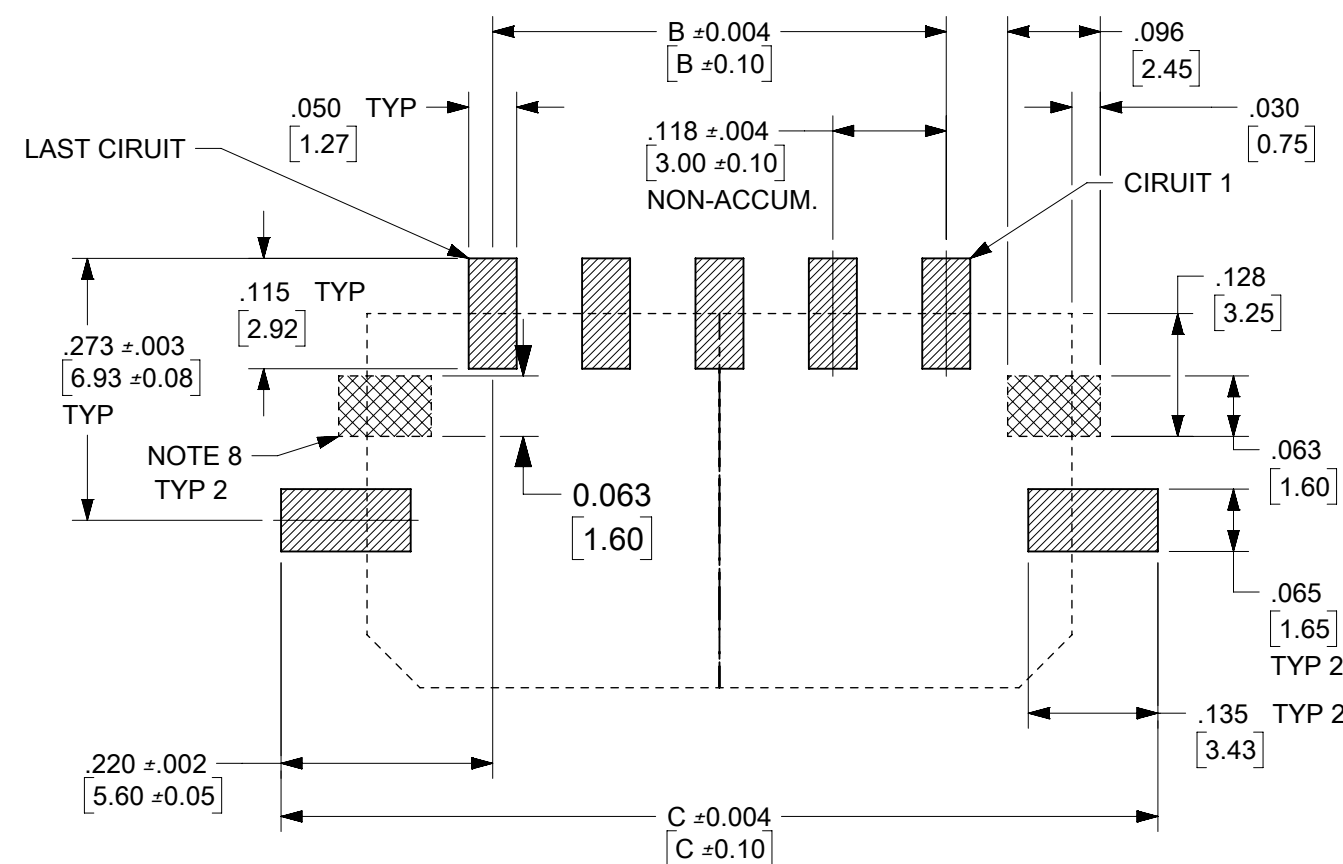
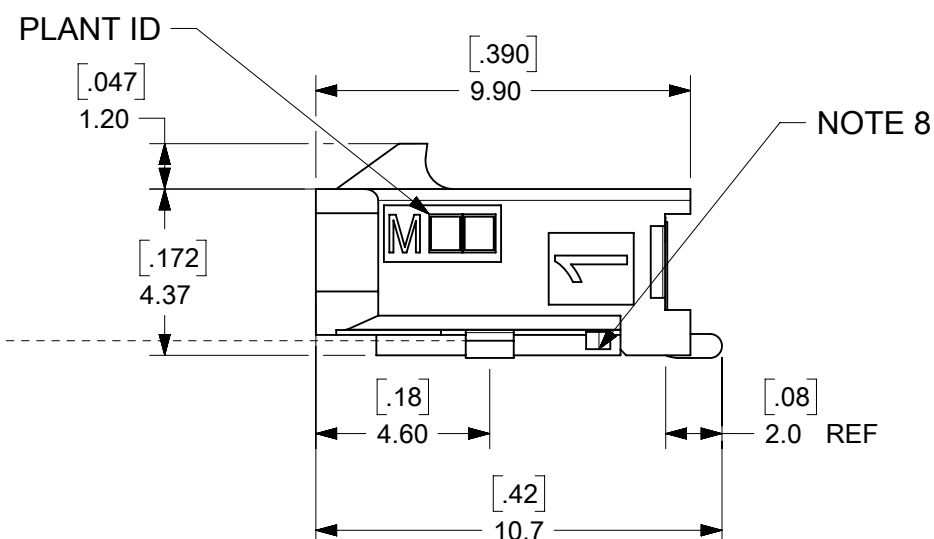
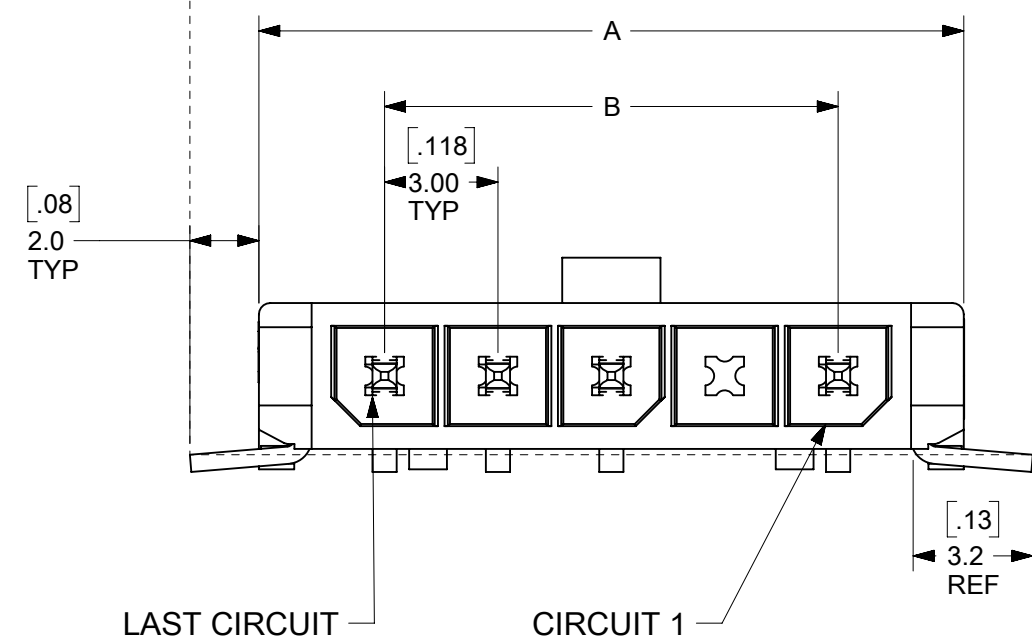
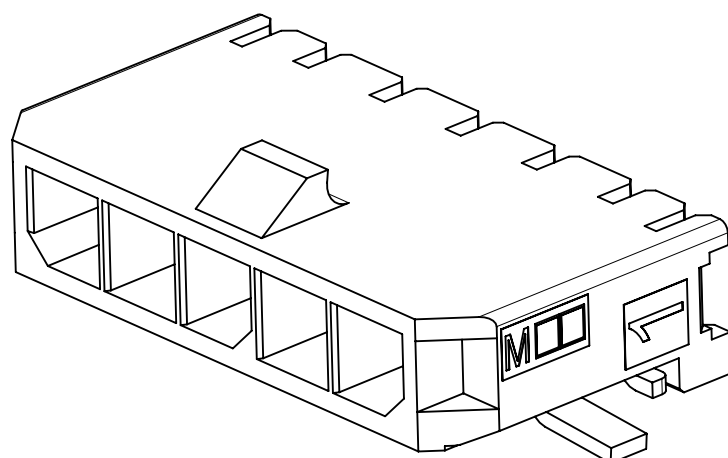
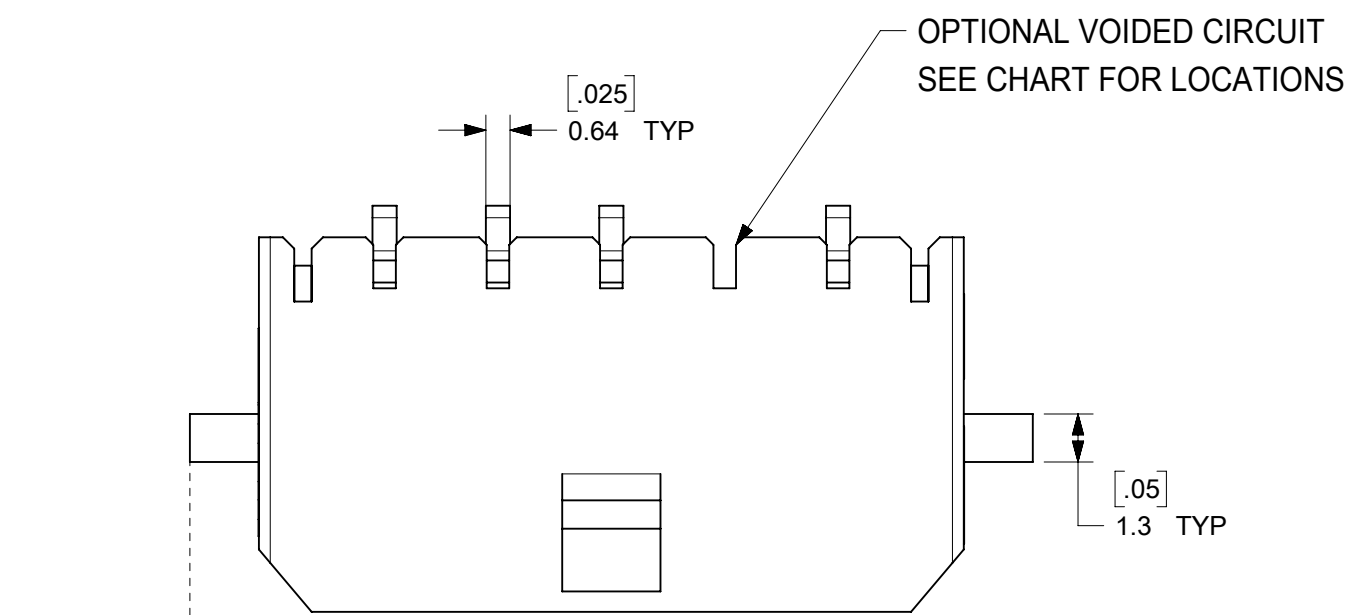




PCB LAYOUT: COMPONENT SIDE

2		1	
CKTS	A	B	C
2	$\frac{.380}{9.65}$	$\frac{.118}{3.00}$	$\frac{.559}{14.20}$
3	$\frac{.498}{12.65}$	$\frac{.236}{6.00}$	$\frac{.677}{17.20}$
4	$\frac{.616}{15.65}$	$\frac{.354}{9.00}$	$\frac{.795}{20.20}$
5	$\frac{.734}{18.65}$	$\frac{.472}{12.00}$	$\frac{.913}{23.20}$
6	$\frac{.852}{21.65}$	$\frac{.591}{15.00}$	$\frac{1.031}{26.20}$
7	$\frac{.970}{24.65}$	$\frac{.709}{18.00}$	$\frac{1.150}{29.20}$
8	$\frac{1.089}{27.65}$	$\frac{.827}{21.00}$	$\frac{1.268}{32.20}$
9	$\frac{1.207}{30.65}$	$\frac{.945}{24.00}$	$\frac{1.386}{35.20}$
10	$\frac{1.325}{33.65}$	$\frac{1.063}{27.00}$	$\frac{1.504}{38.20}$
11	$\frac{1.443}{36.65}$	$\frac{1.181}{30.00}$	$\frac{1.622}{41.20}$
12	$\frac{1.561}{39.65}$	$\frac{1.299}{33.00}$	$\frac{1.740}{44.20}$

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/(.00038) MIN. SELECT GOLD IN CONTACT AREA
.000100/(.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS
BOTH OVER .000050/(.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 & REEL PACKAGED PER MOLEX DRAWING 436500001-PK

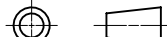
5. MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43645 & TPA RECEPTACLE 171850

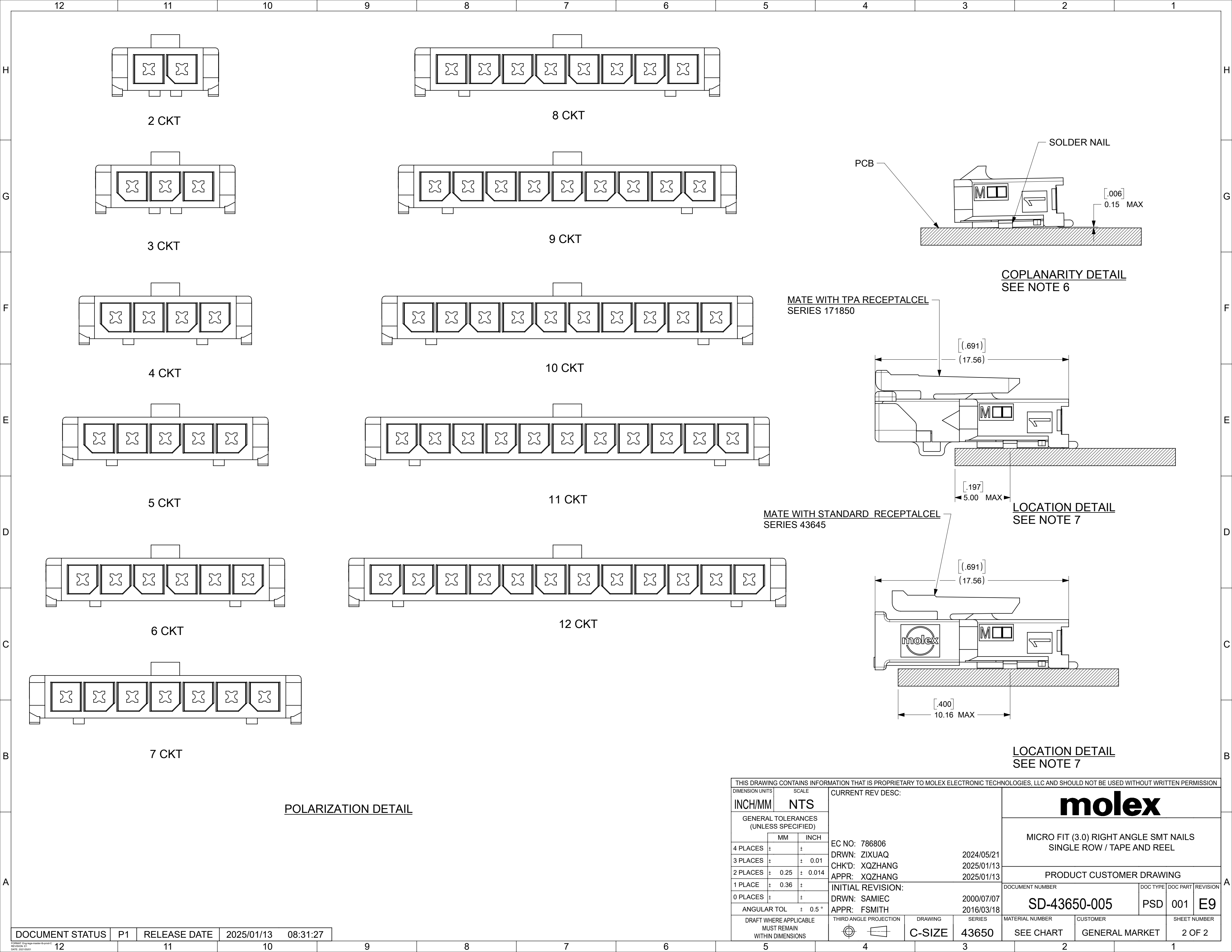
6. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL OR NAIL MUST NOT EXCEED .006/0.15
7. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB.
MATE WITH SERIES 43645 : HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB
MATE WITH SERIES 171850 : HEADER MUST BE PLACED WITHIN .197/(5.00) MAX. FROM EDGE OF PCB
AS SHOWN IN LOCATION DETAIL.
8. METAL TAB MAY BE FLUSH WITH PCB. NO EXPOSED TRACES OR VIAS ALLOWED NEAR THESE AREAS.

9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

10. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

	FINISH A		FINISH B		FINISH C	
CKTS	MATERIAL NO:	VOID CKT	MATERIAL NO:	VOID CKT	MATERIAL NO:	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	43650-1312		02			
04			43650-1413	02		
04			43650-9413	02, 03		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex					
INCH/MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)								MICRO FIT (3.0) RIGHT ANGLE SMT NAILS SINGLE ROW / TAPE AND REEL					
	MM	INCH											
4 PLACES	±	±		PRODUCT CUSTOMER DRAWING									
3 PLACES	±	± 0.01											
2 PLACES	± 0.25	± 0.014											
1 PLACE	± 0.36	±		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION					
0 PLACES	±												
ANGULAR TOL ± 0.5 °				EC NO: 786806 DRWN: ZIXUAA 2024/05/21 CHK'D: XQZHANG 2025/01/13 APPR: XQZHANG 2025/01/13				SD-43650-005		PSD	001	E9	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE	43650	SEE CHART		GENERAL MARKET		1 OF 2	



2 CKT

8 CKT

3 CKT

9 CKT

4 CKT

10 CKT

5 CKT

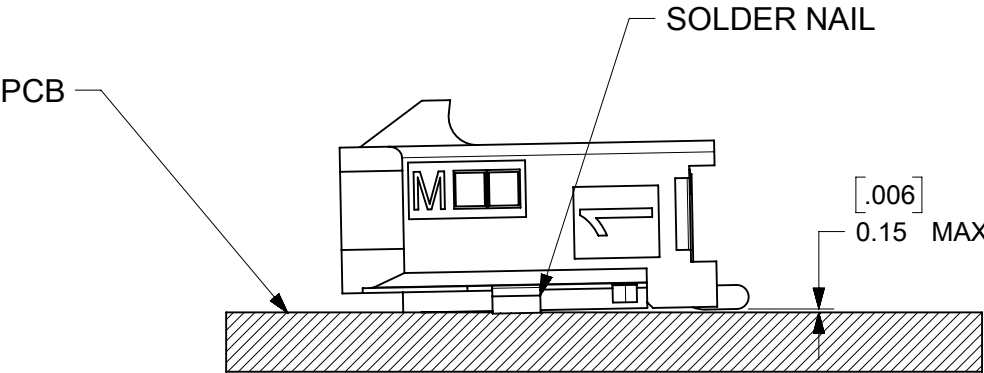
11 CKT

6 CKT

12 CKT

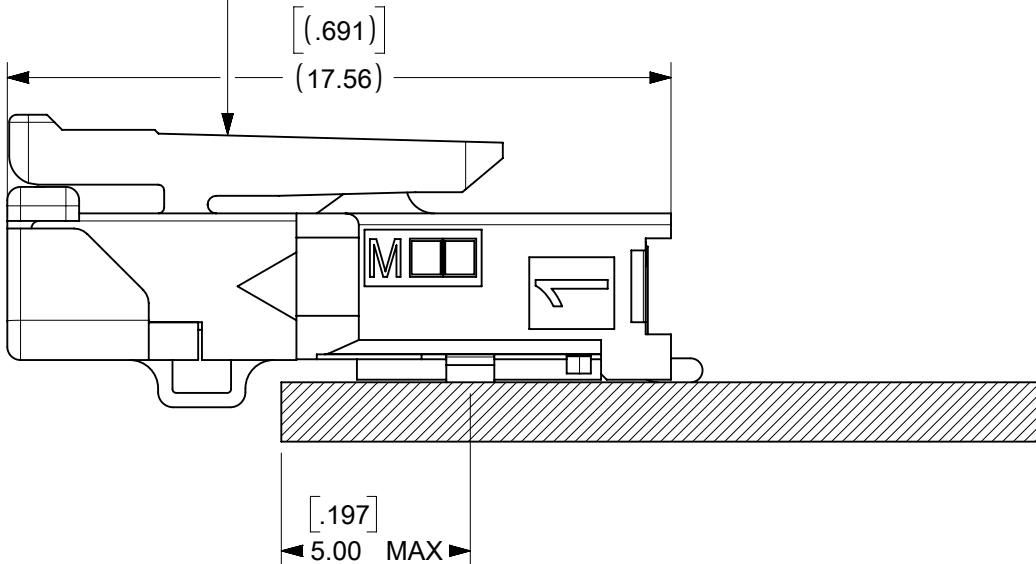
7 CKT

POLARIZATION DETAIL



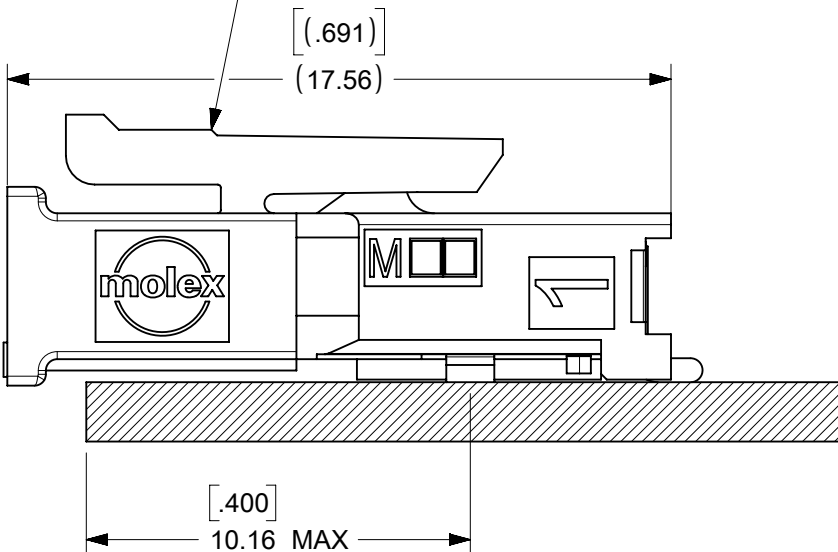
COPLANARITY DETAIL
SEE NOTE 6

MATE WITH TPA RECEPTALCEL
SERIES 171850

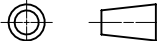


LOCATION DETAIL
SEE NOTE 7

MATE WITH STANDARD RECEPTALCEL
SERIES 43645



LOCATION DETAIL
SEE NOTE 7

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
INCH/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 786806 DRWN: ZIXUAQ CHK'D: XQZHANG APPR: XQZHANG 2024/05/21 2025/01/13 2025/01/13				MICRO FIT (3.0) RIGHT ANGLE SMT NAILS SINGLE ROW / TAPE AND REEL							
												MM		INCH	
4 PLACES		±						±							
3 PLACES		±						± 0.01							
2 PLACES		±	0.25					± 0.014							
1 PLACE		±	0.36					±							
0 PLACES		±													
ANGULAR TOL				± 0.5 °		INITIAL REVISION:				DOCUMENT NUMBER					
DRWN: SAMIEC				2000/07/07		SD-43650-005				DOC TYPE					
APPR: FSMITH				2016/03/18						DOC PART					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 43650		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/13	08:31:27
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