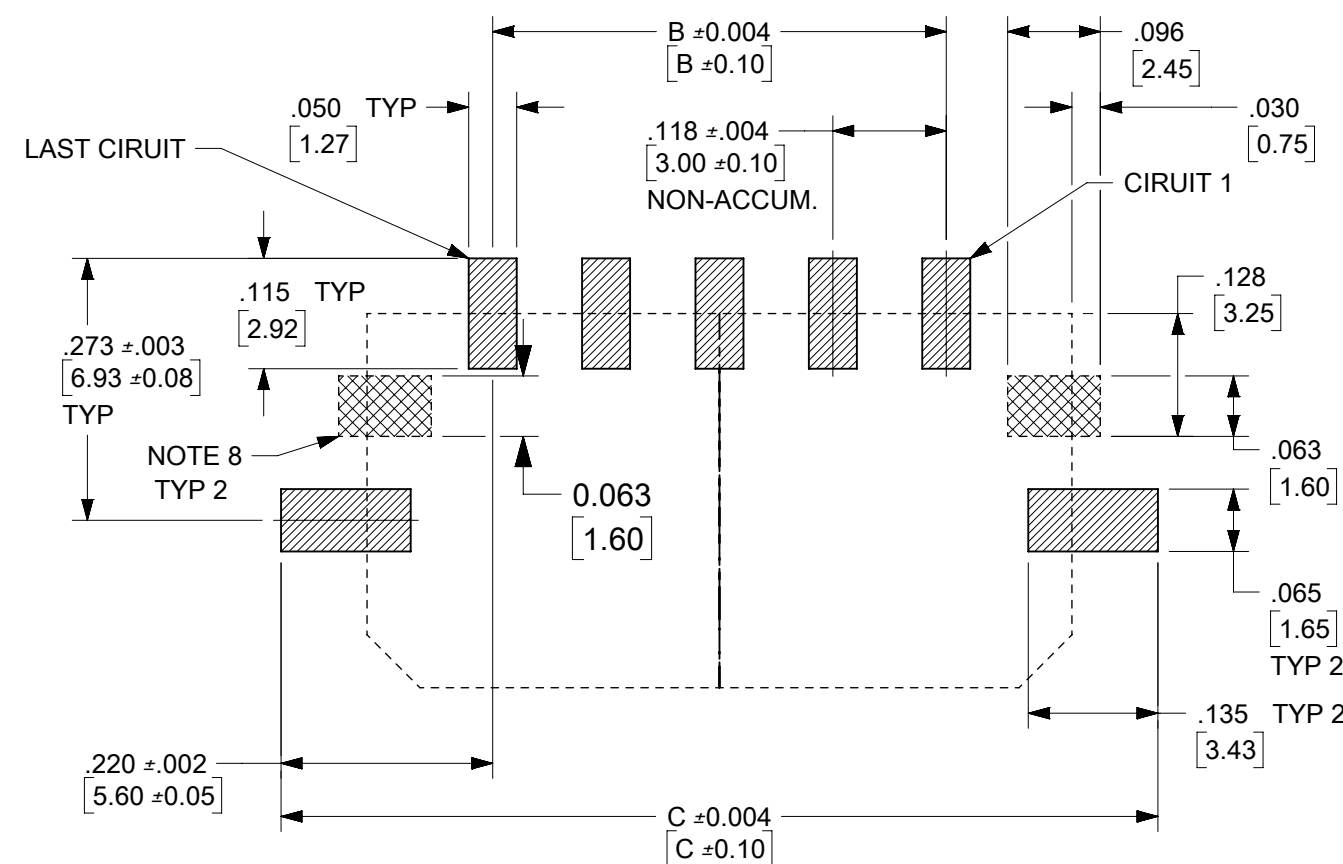
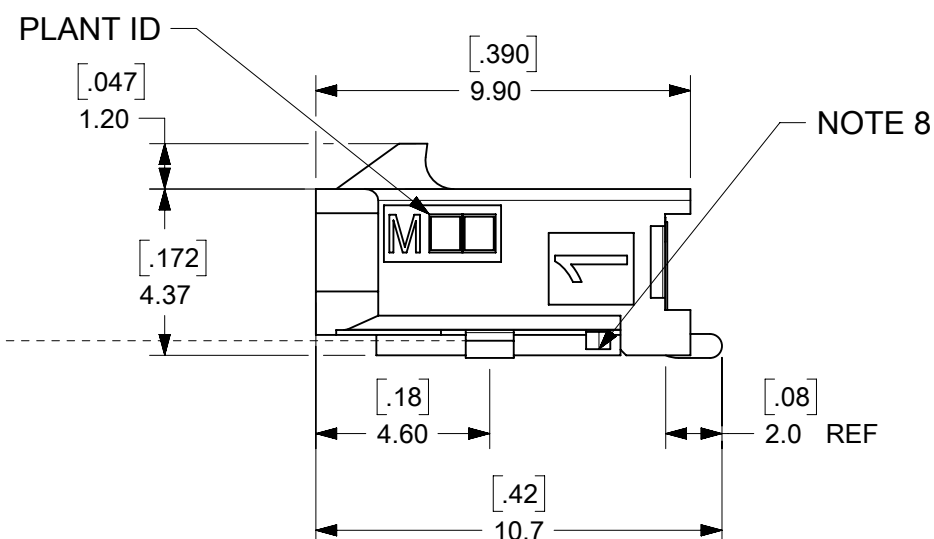
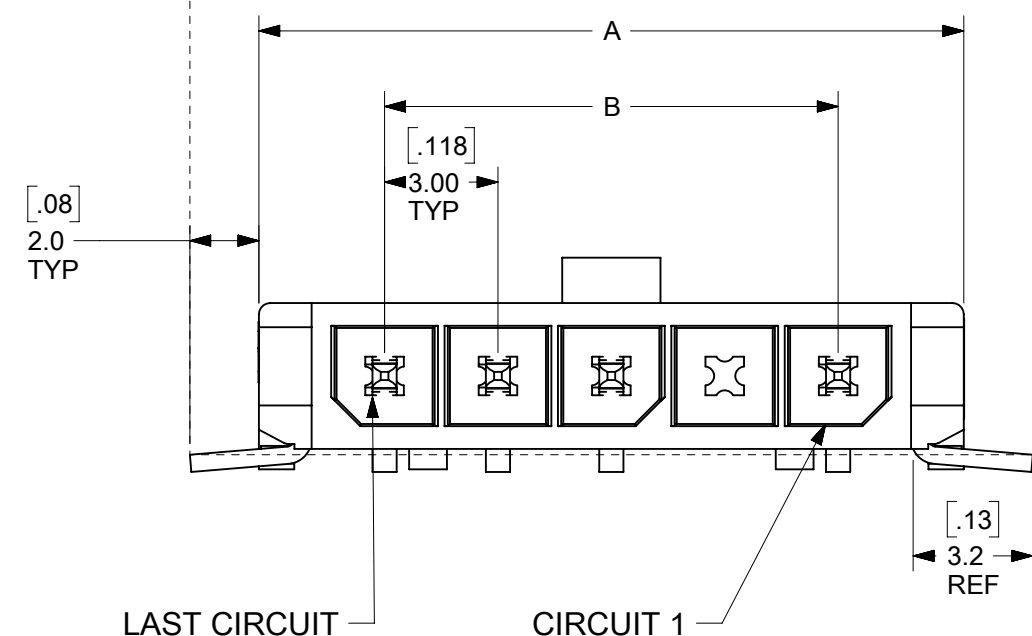
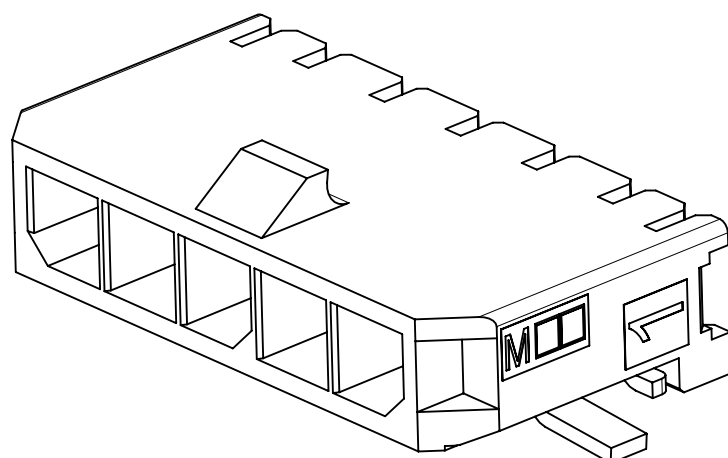
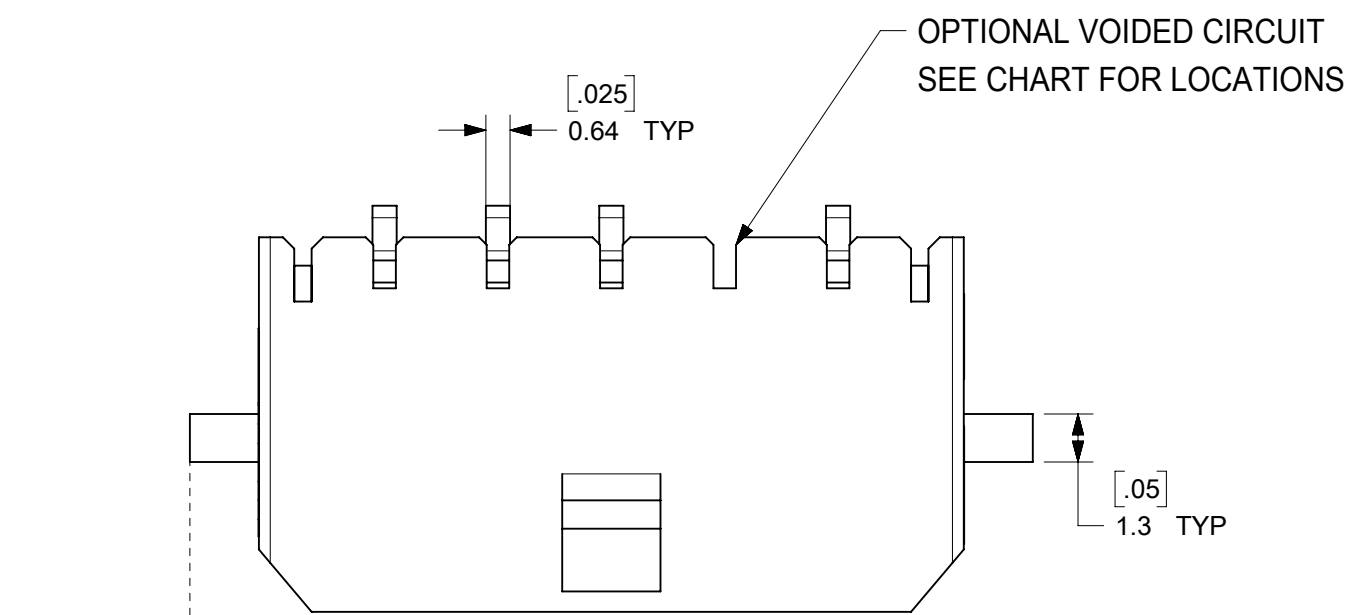




PCB LAYOUT: COMPONENT SIDE

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

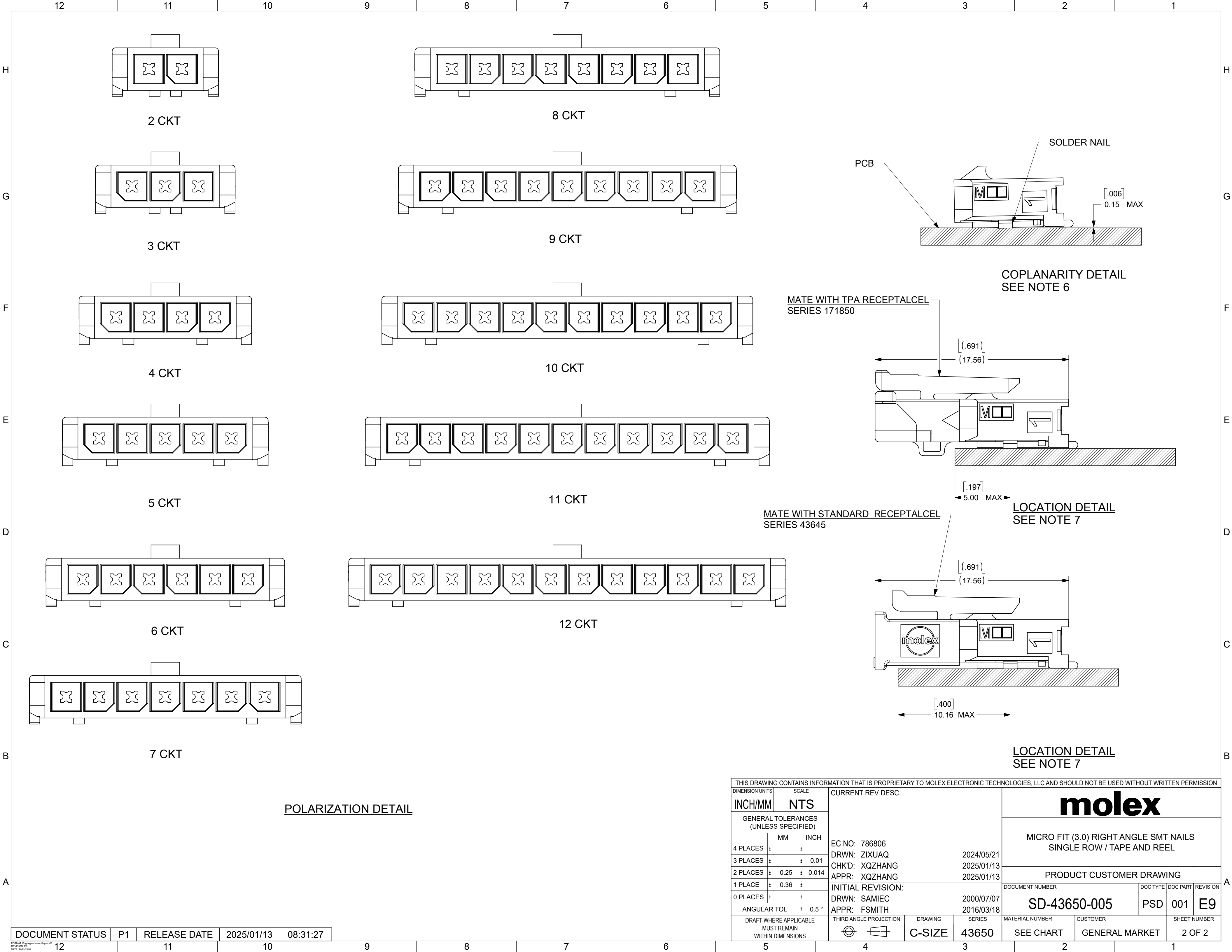
6. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL OR NAIL MUST NOT EXCEED .006/0.15
7. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB.
MATE WITH SERIES 43645 : HEADER MUST BE PLACED WITHIN .400/(10.16) 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	±	±		EC NO: 786806										
3 PLACES	±	± 0.01		DRWN: ZIXUAQ 2024/05/21										
2 PLACES	± 0.25	± 0.014		CHK'D: XQZHANG 2025/01/13										
1 PLACE	± 0.36	±		APPR: XQZHANG 2025/01/13		PRODUCT CUSTOMER DRAWING								
0 PLACES	±			INITIAL REVISION:		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION			
ANGULAR TOL ± 0.5 °				DRWN: SAMIEC 2000/07/07		SD-43650-005			PSD	001	E9			
APPR: FSMITH 2016/03/18														
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

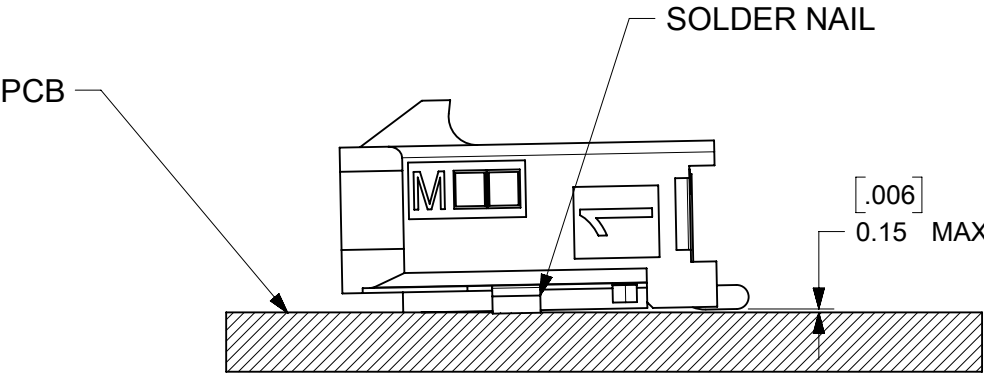
11 CKT

6 CKT

12 CKT

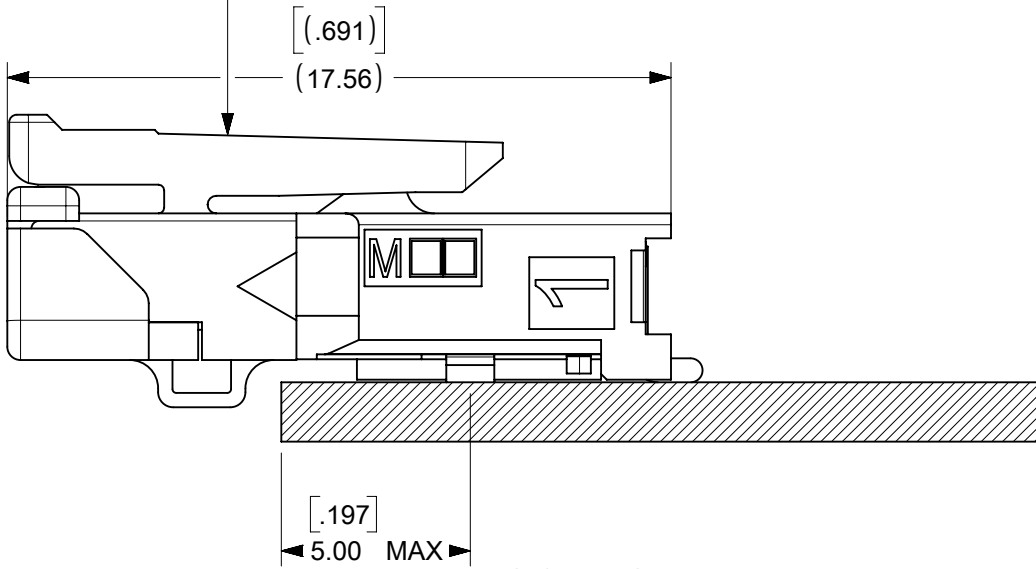
7 CKT

POLARIZATION DETAIL



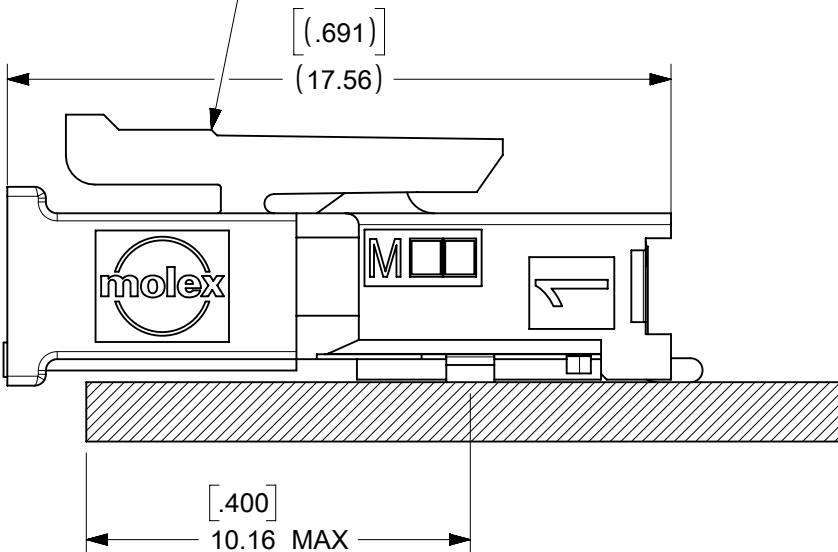
COPPLANARITY DETAIL
SEE NOTE 6

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		EC NO: 786806 DRWN: ZIXUAQ2024/05/21 CHK'D: XQZHANG2025/01/13 APPR: XQZHANG2025/01/13 INITIAL REVISION: DRWN: SAMIEC2000/07/07 APPR: FSMITH2016/03/18 THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE43650							
INCH/MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH								
4 PLACES	±		±								
3 PLACES	±		± 0.01								
2 PLACES	±	0.25	± 0.014								
1 PLACE	±	0.36	±								
0 PLACES	±		±								
ANGULAR TOL		±	0.5 °								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MOLEX MICRO FIT (3.0) RIGHT ANGLE SMT NAILS SINGLE ROW / TAPE AND REEL PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-43650-005 DOC TYPE PSD DOC PART 001 REVISION E9 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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