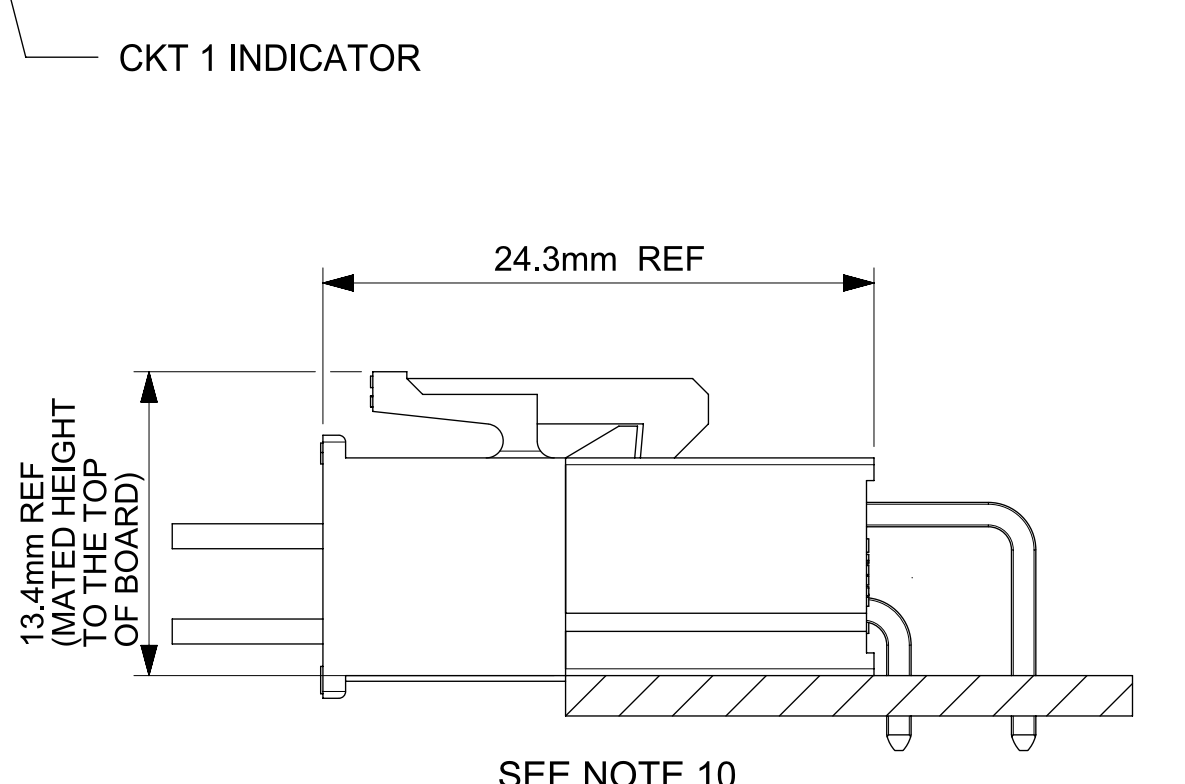
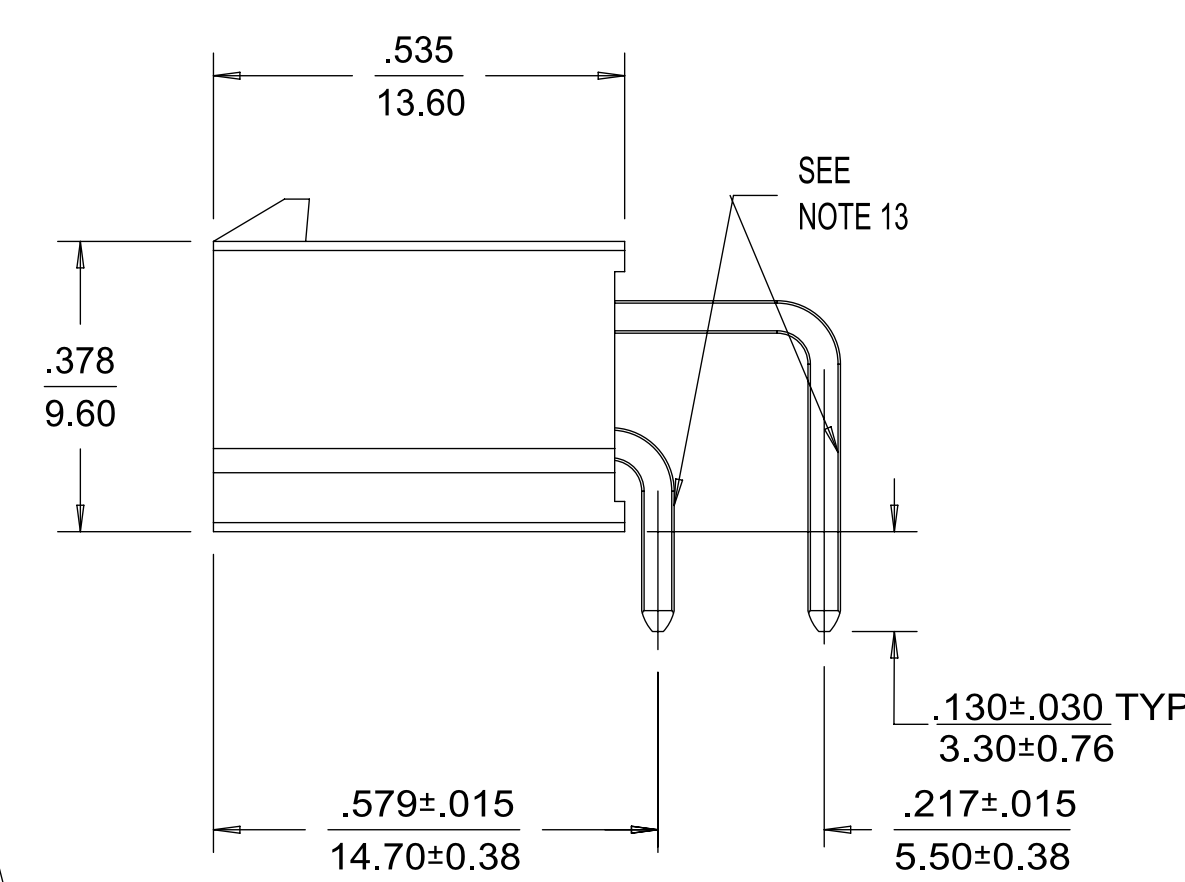
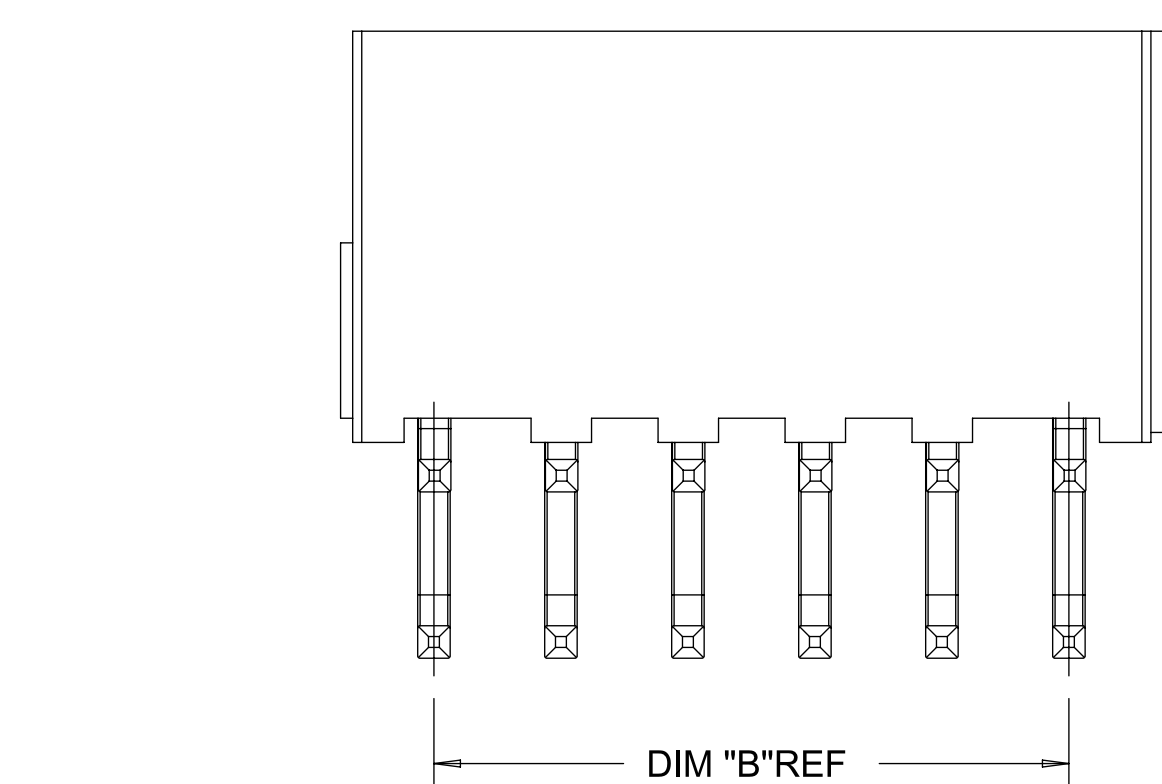
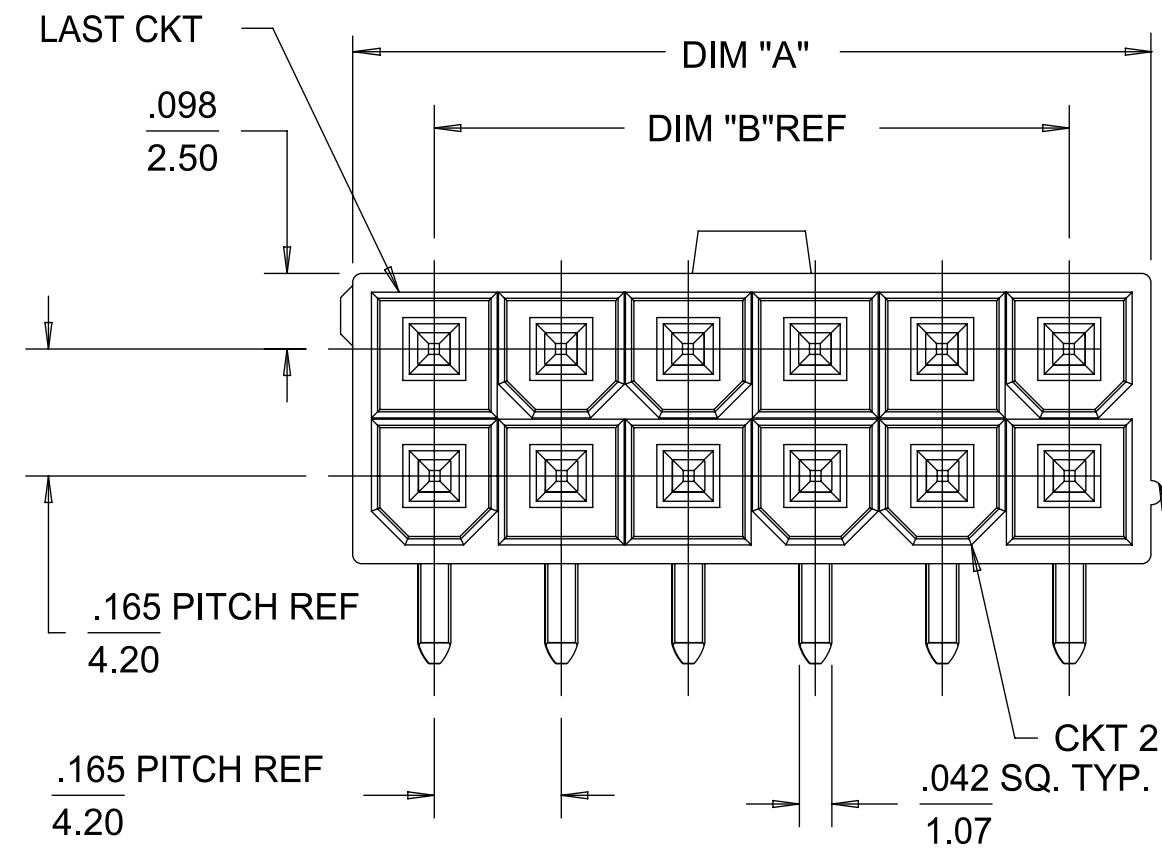
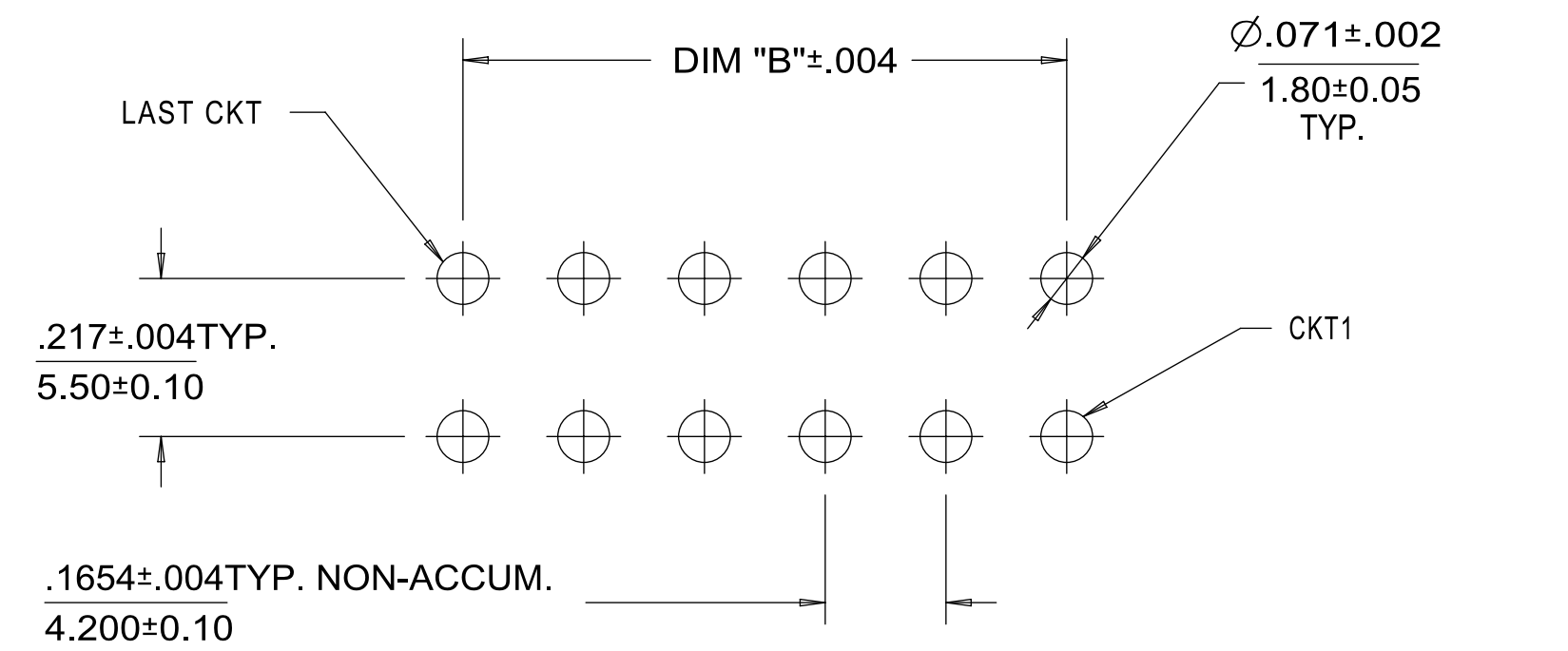


12		11		10		9		8		7		
	COLOR = BLACK								COLOR = NATURAL			
	TIN PLATING				GOLD PLATING				TIN PLATING			
CKT SIZE	TRAY PACK MATERIAL NUMBER		TAPE & REEL MATERIAL NUMBER		TRAY PACK MATERIAL NUMBER		TAPE & REEL MATERIAL NUMBER		TRAY PACK MATERIAL NUMBER		DIM "A"	DIM "B"
4		46991-1004		46991-4004	X	46991-2004		46991-3004			.38/9.6	.165/4.20
6		46991-1006		46991-4006	X	46991-2006	X	46991-3006			.54/13.8	.331/8.40
8		46991-1008		46991-4008		46991-2008		46991-3008			.71/18.0	.496/12.60
10		46991-1010		46991-4010	X	46991-2010	X	46991-3010	X	46991-1110	.87/22.2	.661/16.80
12		46991-1012	X	46991-4012		46991-2012	X	46991-3012			1.04/26.4	.827/21.00
14	X	46991-1014	X	46991-4014	X	46991-2014	X	46991-3014			1.21/30.6	.992/25.20
16	X	46991-1016	X	46991-4016	X	46991-2016	X	46991-3016			1.37/34.8	1.160/29.40
18	X	46991-1018	X	46991-4018	X	46991-2018	X	46991-3018			1.54/39.0	1.323/33.60
20	X	46991-1020	X	46991-4020	X	46991-2020	X	46991-3020			1.70/43.2	1.488/37.80
22	X	46991-1022	X	46991-4022	X	46991-2022	X	46991-3022			1.87/47.4	1.654/42.00
24		46991-1024		46991-4024	X	46991-2024	X	46991-3024			2.03/51.6	1.819/46.20

SEE SHEET 2 FOR PART NUMBERS WITH VOIDS & MFBL
X DESIGNATES NOT TOOLED



- NOTES:
1. MATERIAL:
HOUSING - LIQUID CRYSTAL POLYMER (LCP),UL94 V-0, COLOR: SEE CHART.
TERMINAL - BRASS
 2. TERMINAL PLATING: TIN = .000100/0.00254 MATTE TIN OVER
.000050/0.00127 NICKEL OVERALL
GOLD= .000030/0.00076 MIN. SELECT GOLD OVER
.000100/0.00254 MIN. SELECT MATTE TIN OVER
.000050/0.00127 MIN NICKEL OVERALL
 3. PRODUCT SPECIFICATION: PS-5556-001 OR PS-45750-001.
 4. PACKAGING SPECIFICATION: TRAY PACKED PER PK-5569-003 OR
TAPE AND REEL PACKAGED PER PK-46991-001.
 5. PART MATES WITH MINIFIT JR RECEPTACLE SERIES 5557
 6. DISCOLORIZATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT
OF THE CARRIER. THIS DISCOLORIZTION IS A NON-FUNCTIONAL AREA OF
THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
 7. CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
 8. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
 9. PART IS INTENDED FOR PIN IN PASTE REFLOW SOLDER ONLY.
 - 10.TO AVOID INTERFERENCE BETWEEN THE RECEPTACLE AND PCB. HEADER MUST
BE PLACED AT THE EDGE OF PCB AS SHOWN.
 - 11.PIN RETENTION IN HOUSING IS 2.2 LBS/1 KG MIN. BOTH
DIRECTIONS FOR TIN PLATING.
PIN RETENTION IN HOUSING IS 1.0 LBS/0.45 KG MIN. BOTH
DIRECTIONS FOR GOLD PLATING.
 - 12.THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
 - 13.FORMING MARKS ON PINS ARE ACCEPTABLE.
 - 14.CIRCUITS SHOWN PROVIDE THE MATE-FIRST/BREAK-LAST FEATURE.
SEE CHART ON SHEET 2 FOR SPECIFIC CIRCUIT LOCATIONS.
 - 15.TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON
PART NUMBER AND/OR TOOL.



RECOMMENDED PCB HOLE LAYOUT FOR .070/1.78 MAX THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE

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: ADD THE CONNECTOR MATING HEIGHT VIEW			molex MINIFIT RTC RIGHT ANGLE HEADER ASSEMBLY W/O MOUNTING PEGS					
INCH/mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
	MM	INCH										
4 PLACES	±		±	STATUS: Production DRWN: Xiao Wei Wang2026-07-07 CHK'D: Xiao Wei Wang2026-07-08 APPR: Xue Qing Zhang2026-07-08			PRODUCT CUSTOMER DRAWING					
3 PLACES	±	± 0.0100										
2 PLACES	± 0.250	± 0.015										
1 PLACE	± 0.38	±		INITIAL REVISION: DRWN: JKLOSTERMEIE2008/12/19 APPR: FSMITH2008/12/15			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±	±					SD-46991-001		PSD	000	D	
ANGULAR TOL		±	3°									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						C-SIZE	46991	SEE CHART		GENERAL MARKET		1 OF 2

[illegible]