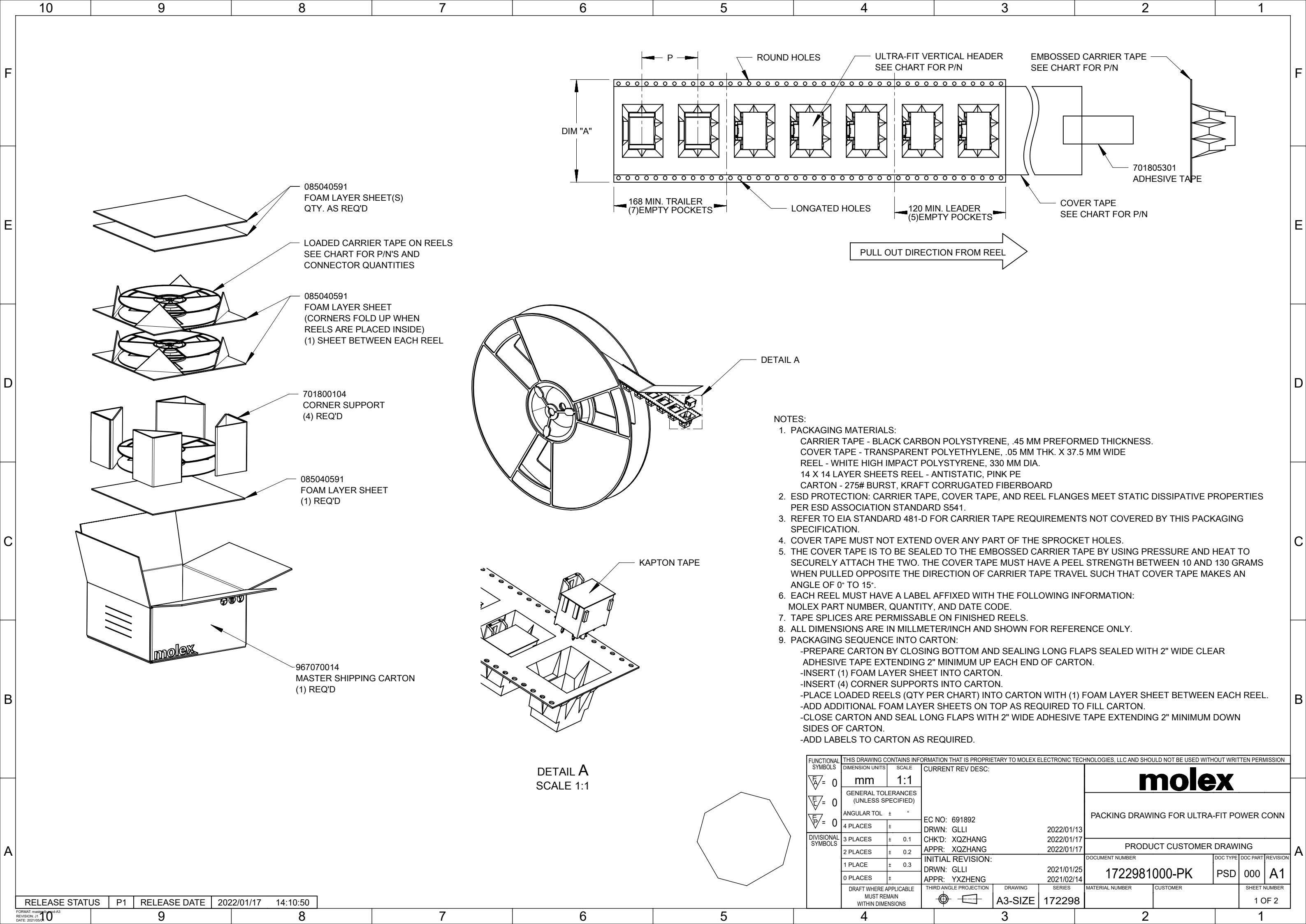
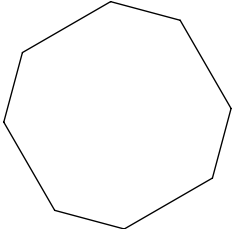


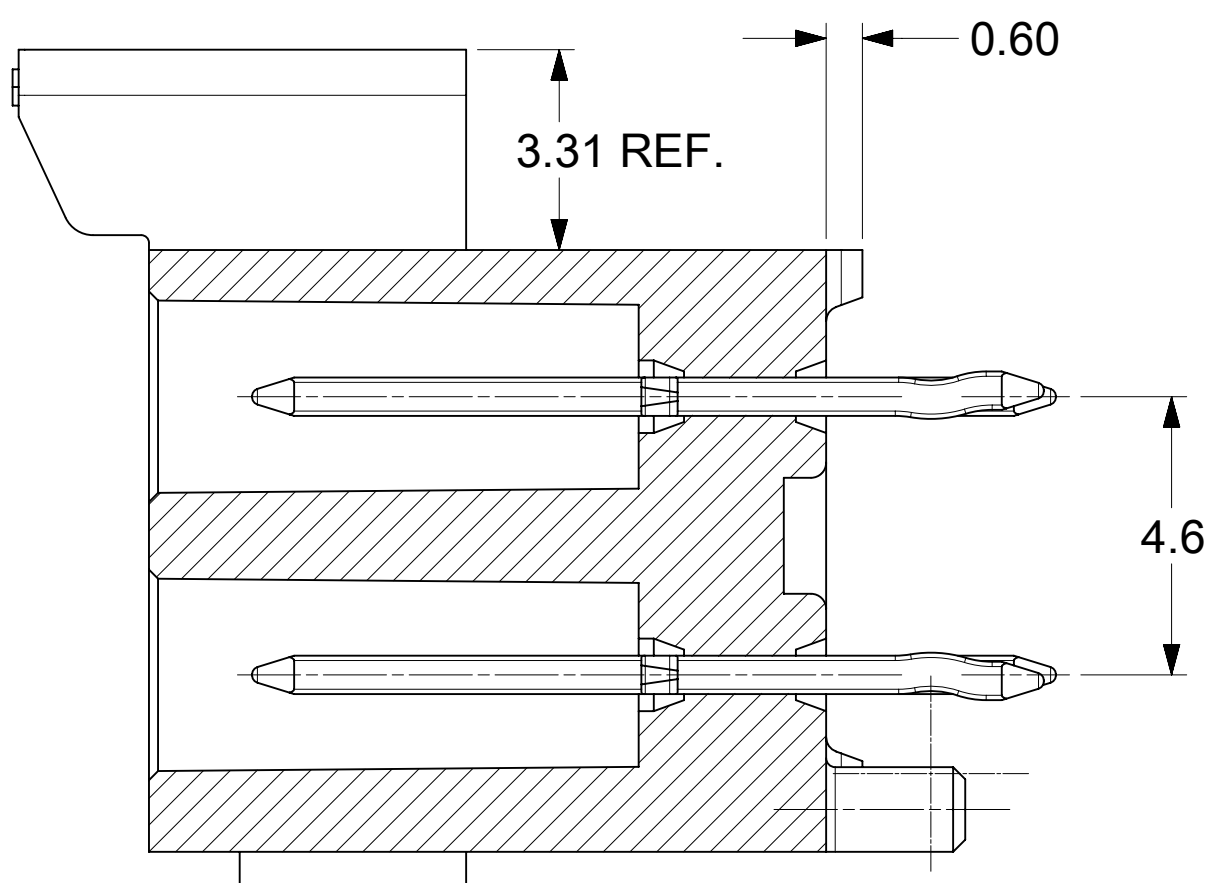
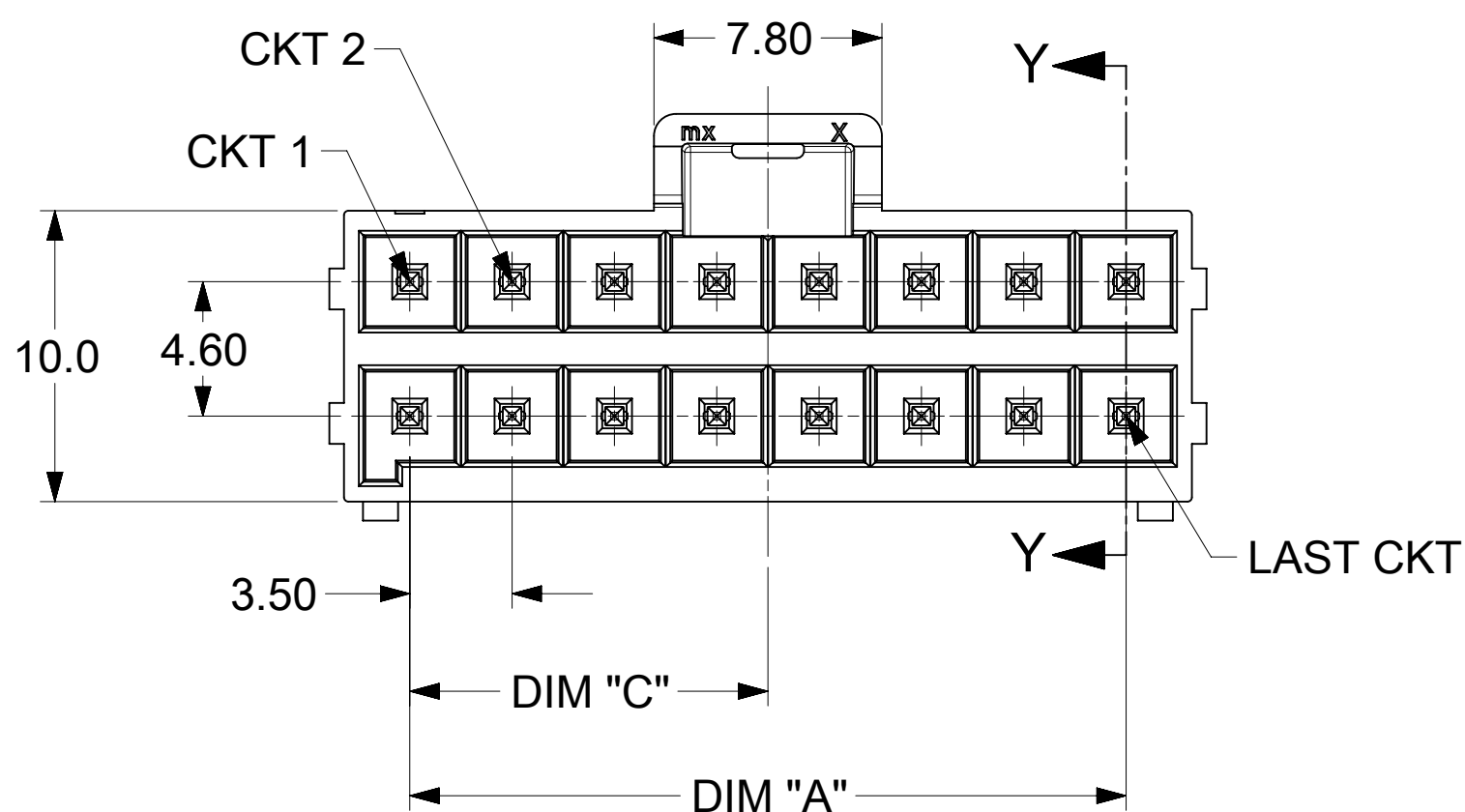
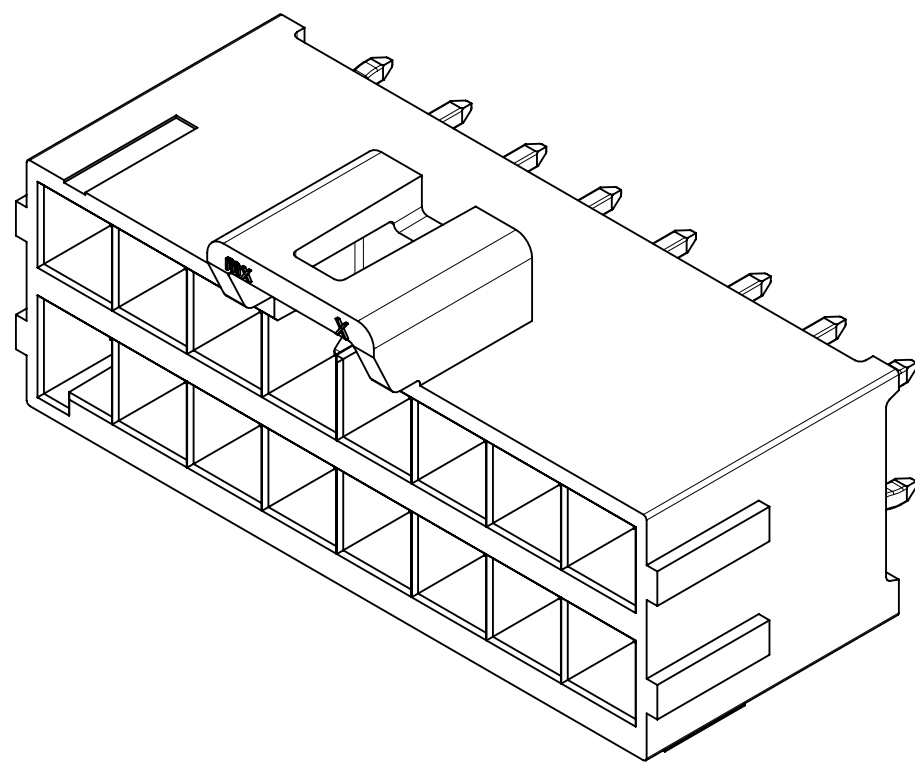
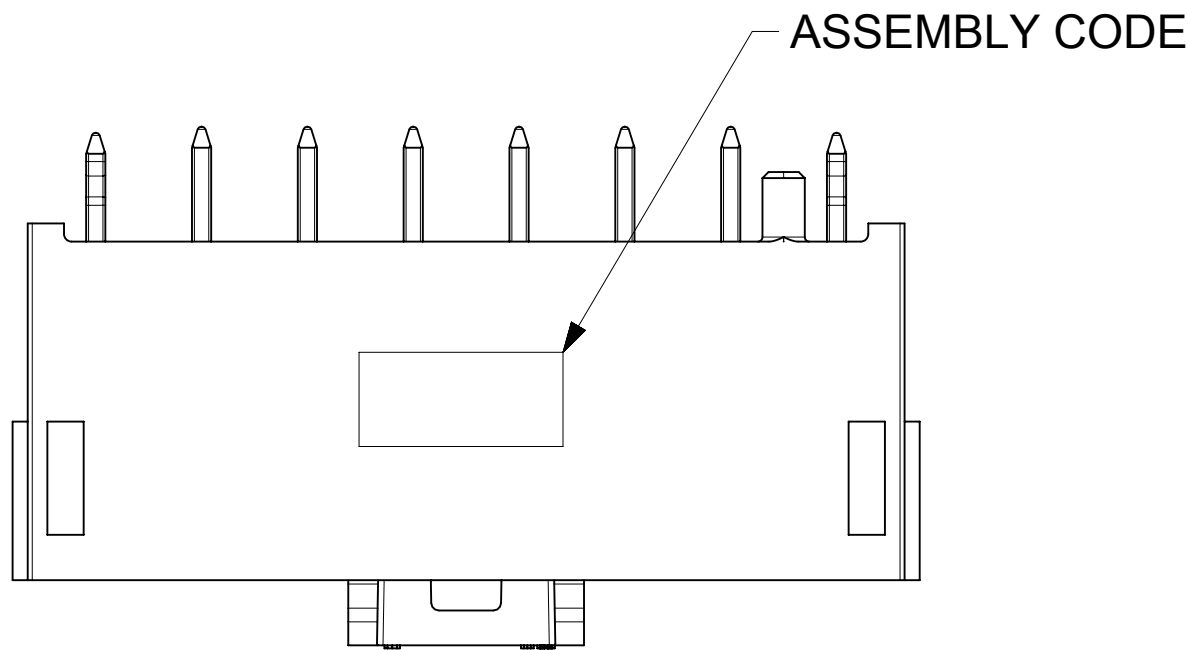
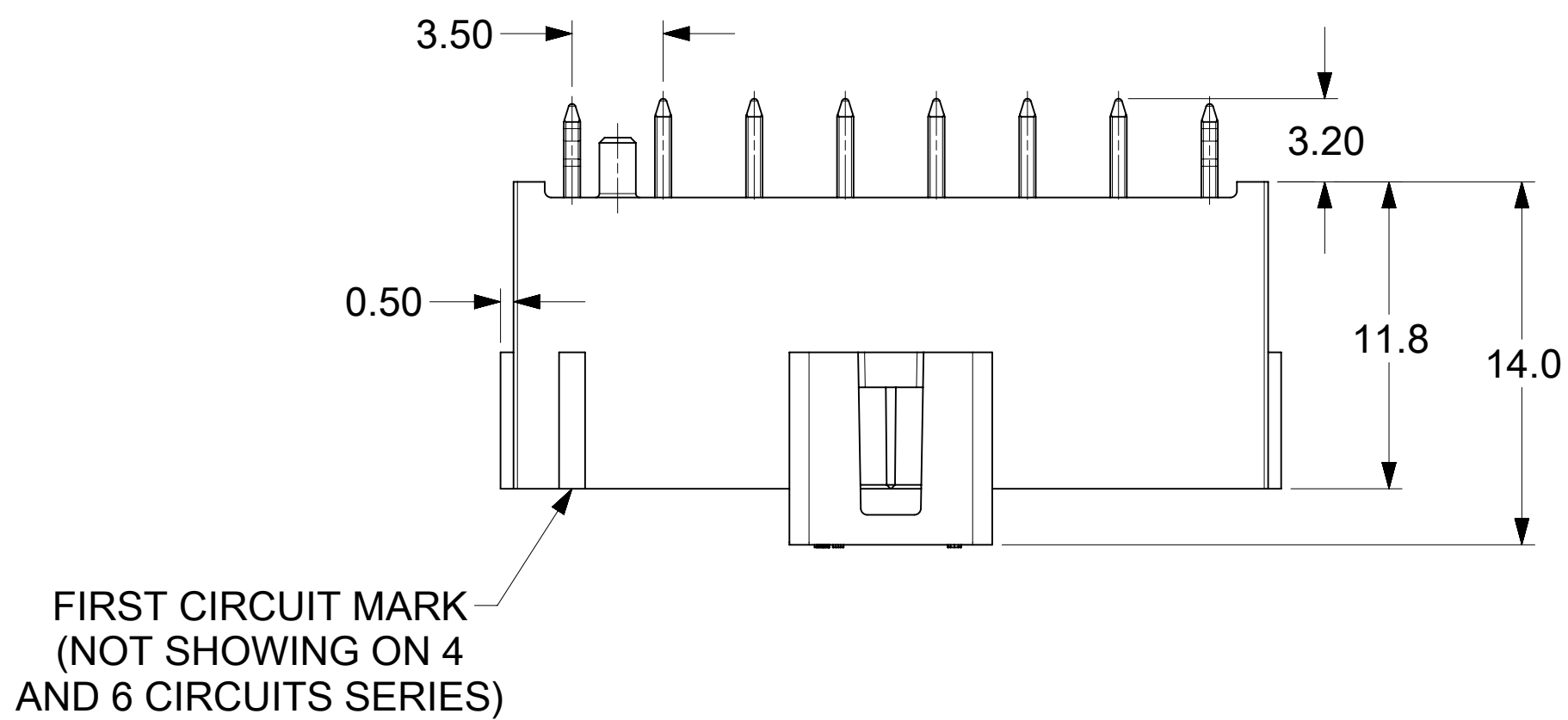


- NOTES:
- PACKAGING MATERIALS:
CARRIER TAPE - BLACK CARBON POLYSTYRENE, .45 MM PREFORMED THICKNESS.
COVER TAPE - TRANSPARENT POLYETHYLENE, .05 MM THK. X 37.5 MM WIDE
REEL - WHITE HIGH IMPACT POLYSTYRENE, 330 MM DIA.
14 X 14 LAYER SHEETS REEL - ANTISTATIC, PINK PE
CARTON - 275# BURST, KRAFT CORRUGATED FIBERBOARD
 - ESD PROTECTION: CARRIER TAPE, COVER TAPE, AND REEL FLANGES MEET STATIC DISSIPATIVE PROPERTIES PER ESD ASSOCIATION STANDARD S541.
 - REFER TO EIA STANDARD 481-D FOR CARRIER TAPE REQUIREMENTS NOT COVERED BY THIS PACKAGING SPECIFICATION.
 - COVER TAPE MUST NOT EXTEND OVER ANY PART OF THE SPROCKET HOLES.
 - THE COVER TAPE IS TO BE SEALED TO THE EMBOSSED CARRIER TAPE BY USING PRESSURE AND HEAT TO SECURELY ATTACH THE TWO. THE COVER TAPE MUST HAVE A PEEL STRENGTH BETWEEN 10 AND 130 GRAMS WHEN PULLED OPPOSITE THE DIRECTION OF CARRIER TAPE TRAVEL SUCH THAT COVER TAPE MAKES AN ANGLE OF 0° TO 15°.
 - EACH REEL MUST HAVE A LABEL AFFIXED WITH THE FOLLOWING INFORMATION:
MOLEX PART NUMBER, QUANTITY, AND DATE CODE.
 - TAPE SPLICES ARE PERMISSABLE ON FINISHED REELS.
 - ALL DIMENSIONS ARE IN MILLIMETER/INCH AND SHOWN FOR REFERENCE ONLY.
 - PACKAGING SEQUENCE INTO CARTON:
-PREPARE CARTON BY CLOSING BOTTOM AND SEALING LONG FLAPS SEALED WITH 2" WIDE CLEAR ADHESIVE TAPE EXTENDING 2" MINIMUM UP EACH END OF CARTON.
-INSERT (1) FOAM LAYER SHEET INTO CARTON.
-INSERT (4) CORNER SUPPORTS INTO CARTON.
-PLACE LOADED REELS (QTY PER CHART) INTO CARTON WITH (1) FOAM LAYER SHEET BETWEEN EACH REEL.
-ADD ADDITIONAL FOAM LAYER SHEETS ON TOP AS REQUIRED TO FILL CARTON.
-CLOSE CARTON AND SEAL LONG FLAPS WITH 2" WIDE ADHESIVE TAPE EXTENDING 2" MINIMUM DOWN SIDES OF CARTON.
-ADD LABELS TO CARTON AS REQUIRED.

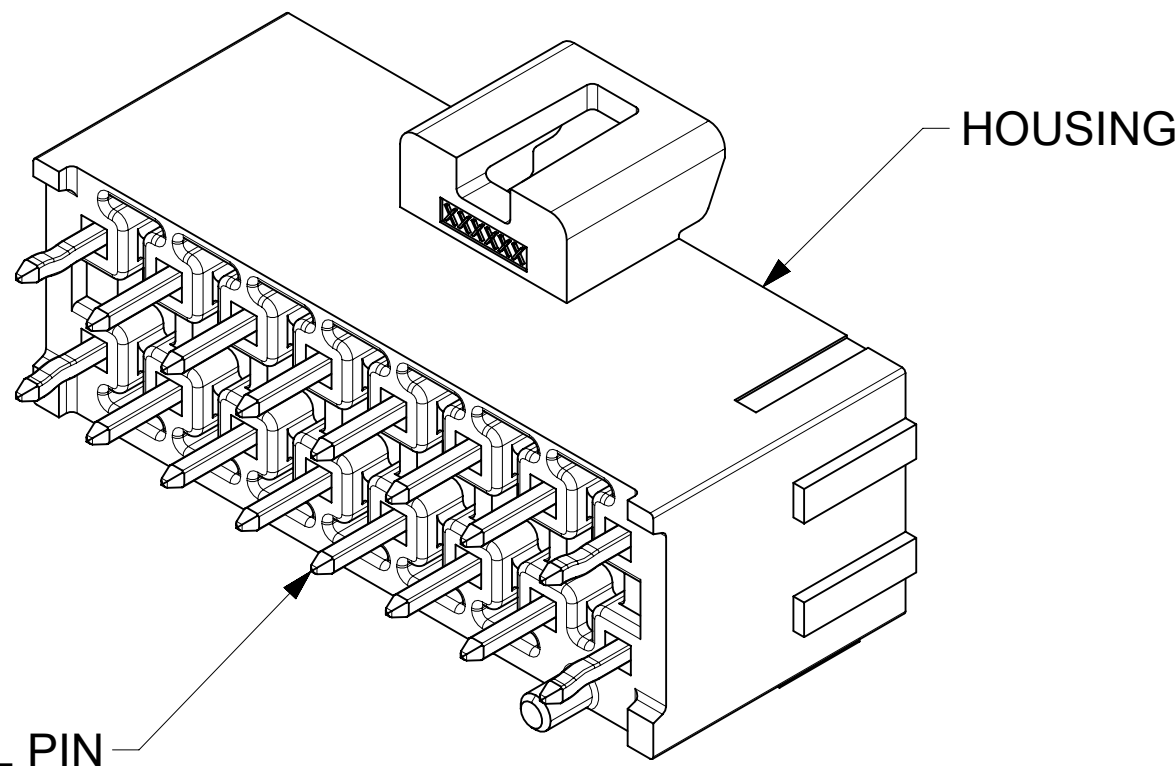
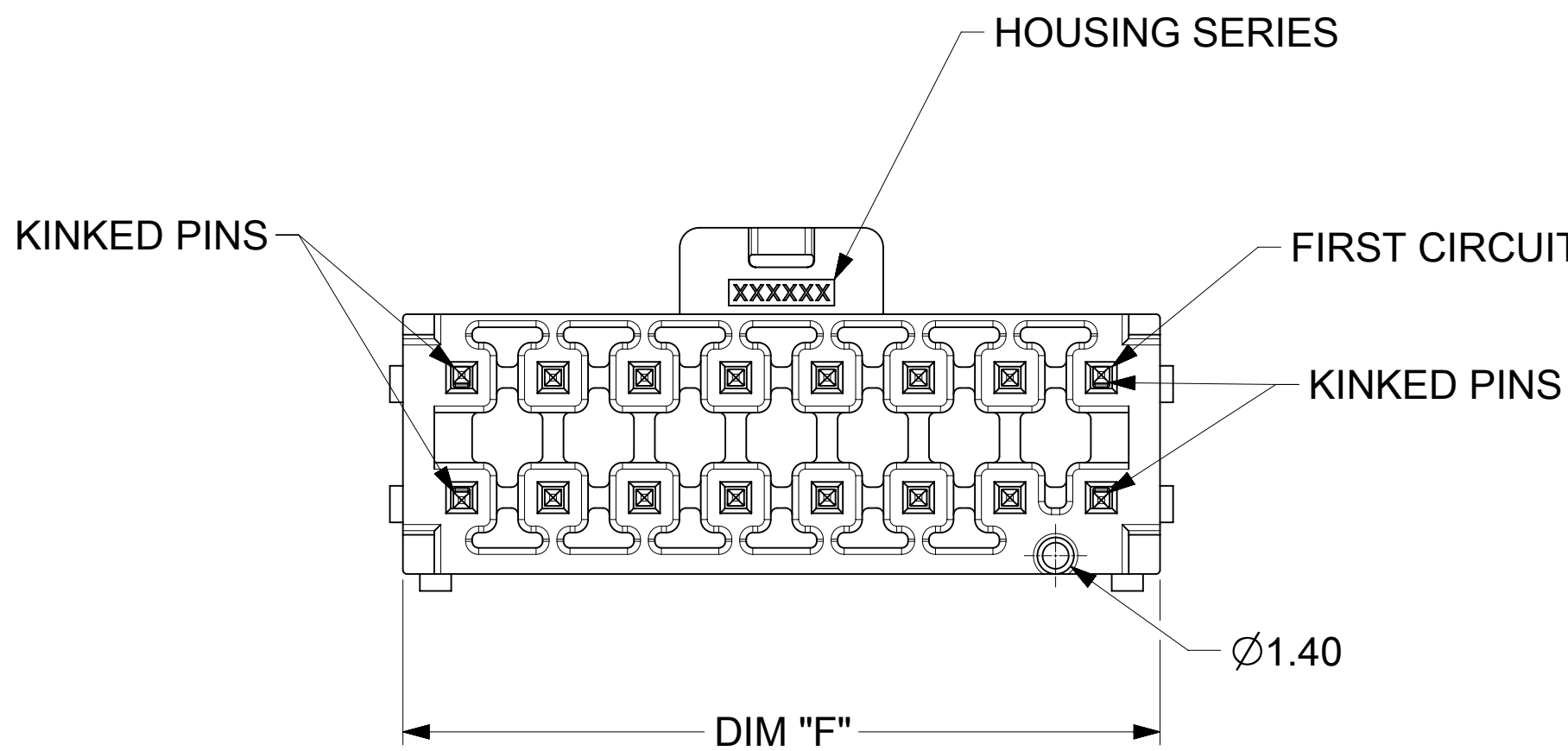
DETAIL A
SCALE 1:1



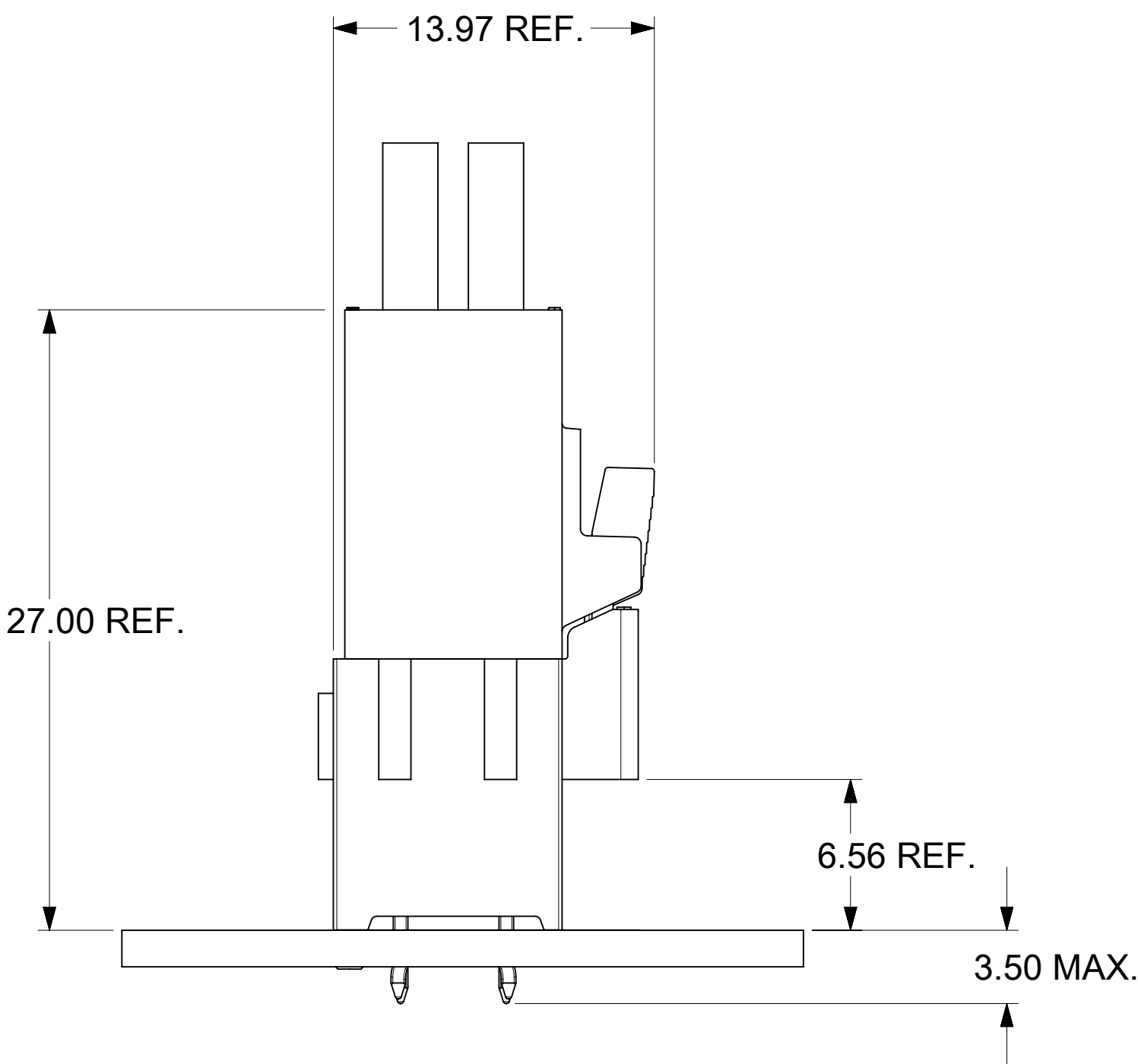
FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 691892 DRWN: GLLI 2022/01/13 CHK'D: XQZHANG 2022/01/17 APPR: XQZHANG 2022/01/17 INITIAL REVISION: DRWN: GLLI 2021/01/25 APPR: YXZHENG 2021/02/14								
		0	mm		1:1										
		0	GENERAL TOLERANCES (UNLESS SPECIFIED)												
		0	ANGULAR TOL		±	°									
DIVISIONAL SYMBOLS			4 PLACES		±		PACKING DRAWING FOR ULTRA-FIT POWER CONN								
			3 PLACES		±	0.1									
			2 PLACES		±	0.2									
			1 PLACE		±	0.3									
			0 PLACES		±										
DIVISIONAL SYMBOLS			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
							A3-SIZE	172298	1722981000-PK		PSD	000	A1		
											MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
															1 OF 2



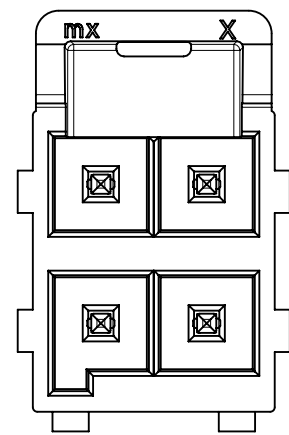
SECTION Y-Y
SCALE 8:1



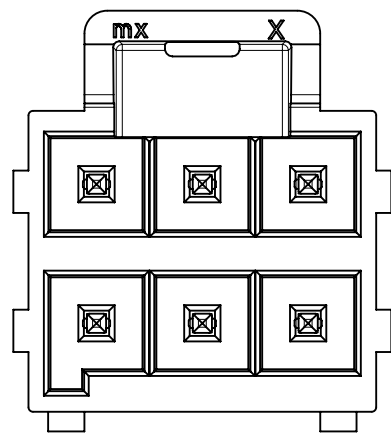
- NOTES:
- MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
 - PLATING FINISH:
OPTION 1 - 1.52µm(60µin)-2.54µm(100µin) TIN OVER,
1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL,
OPTION 2 - 0.38µm(15µin) GOLD CONTACT AREA.
1.52µm(60µin)-2.54µm(100µin) TIN TAIL AREA OVER,
1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL.
OPTION 3 - 0.76µm(30µin) GOLD CONTACT AREA,
1.52µm(60µin)-2.54µm(100µin) TIN TAIL AREA OVER,
1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL.
 - PACKAGE SPECIFICATION REFER TO CHART IN SHEET 3.
 - PRODUCT SPECIFICATION PS-172323-0001.
 - PART MATES WITH MOLEX RECEPTACLE HOUSING 172258 AND 172262.
 - PART CONFORMS TO CLASS "C" REQUIREMENTS OF SPECIFICATION PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE HOLES AND FRONT SURFACE.
 - DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
 - APPLICATION SPECIFICATION: AS-172323-0001



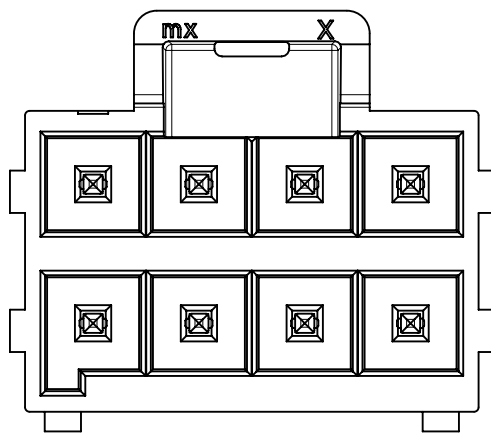
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
F A = 0	DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex ULTRA-FIT VERT HEADER 4-16 CKTS DUAL ROW KINKED PINS				
	mm	4:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
F C = 0	ANGULAR TOL		±	°	EC NO: 693485 DRWN: GLLI 2022/01/21 CHK'D: XQZHANG 2022/01/26 APPR: XQZHANG 2022/01/26						
F P = 0	4 PLACES	±									
DIVISIONAL SYMBOLS	3 PLACES	±									
	2 PLACES	±	0.25	INITIAL REVISION: DRWN: DROSCA 2014/03/04 APPR: JCOMERCI 2014/04/24							
	1 PLACE	±	0.5								
	0 PLACES	±									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
					D-SIZE	172298	SD-172298-1000		PSD	000	D1
									GENERAL MARKET	1 OF 3	



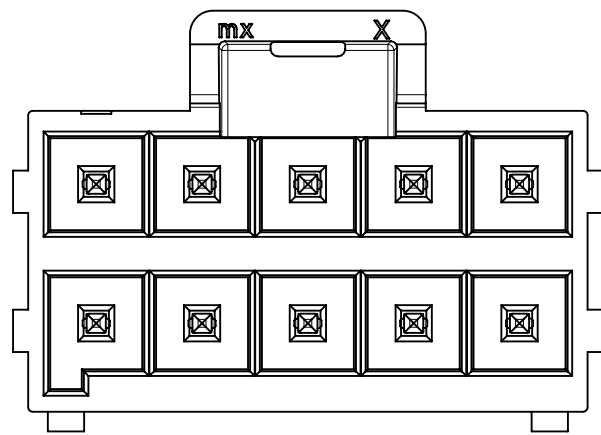
4 CKT



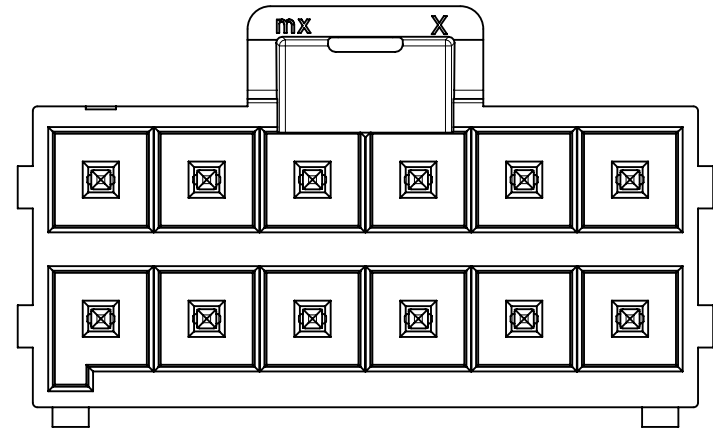
6 CKT



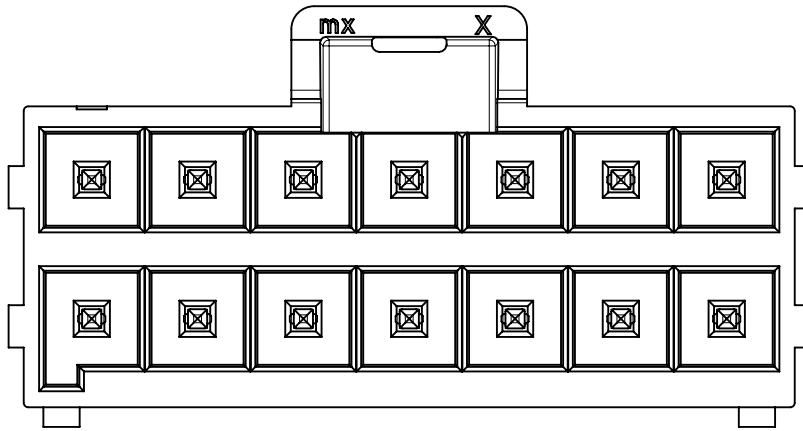
8 CKT



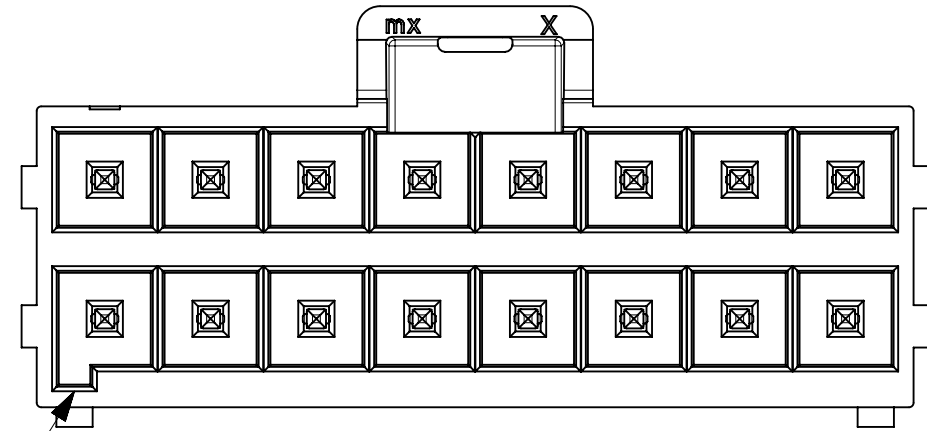
10 CKT



12 CKT

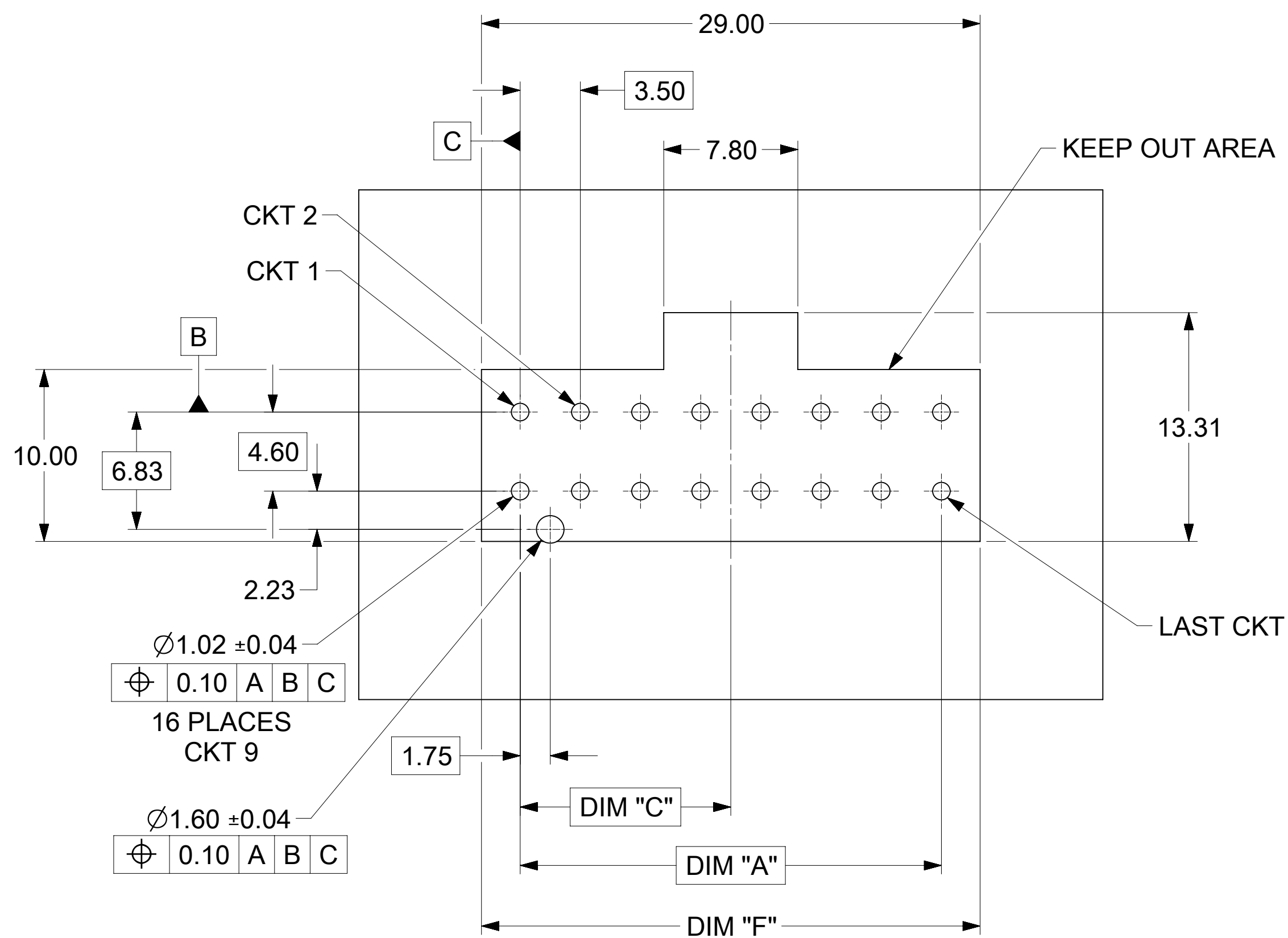


14 CKT



16 CKT

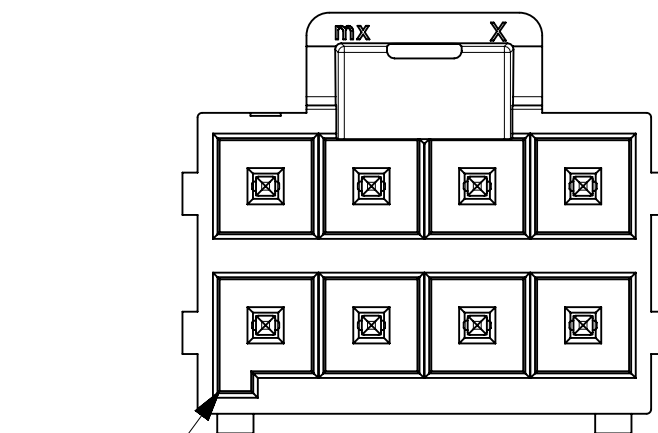
KEY A
(BLACK)



PCB LAYOUT COMPONENT SIDE
RECOMMENDED PCB THICKNESS 1.60MM-2.40MM

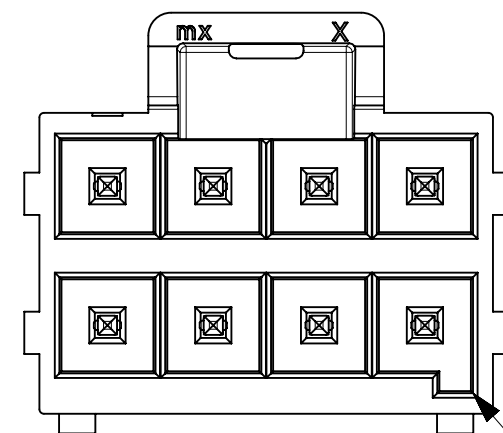
NOTE: DATUM -A- IS ON PCB COMPONENT SIDE

COLOR OPTION



KEY A

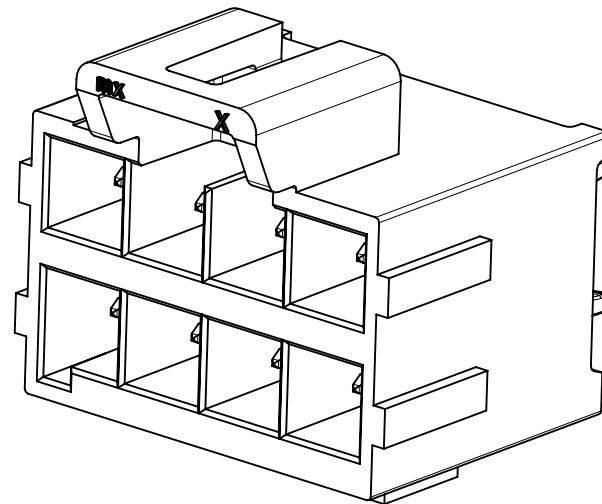
BLACK



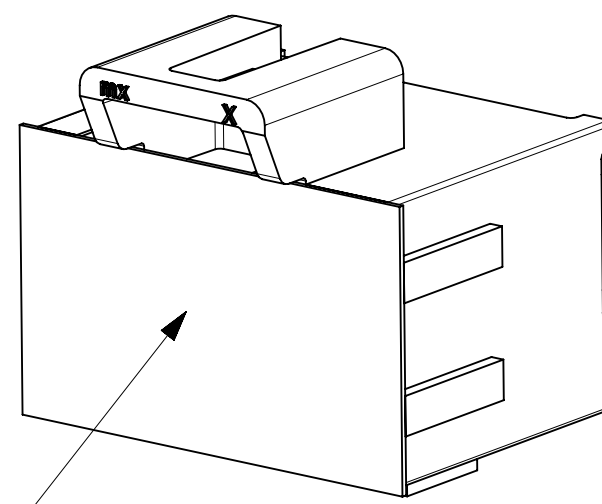
KEY B

NATURAL

KAPTON OPTION

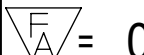


WITHOUT KAPTON



KAPTON

WITH KAPTON

FUNCTIONAL SYMBOLS	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				
		= 0	mm	4:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
	ANGULAR TOL		±	°			ULTRA-FIT VERT HEADER 4-16 CKTS DUAL ROW KINKED PINS				
	4 PLACES		±								
	DIVISIONAL SYMBOLS	3 PLACES		±	2022/01/21		PRODUCT CUSTOMER DRAWING				
		2 PLACES		±	0.25	2022/01/26					
		1 PLACE		±	0.5	2014/03/04		DOCUMENT NUMBER		DOC TYPE	DOC PART
0 PLACES		±	2014/04/24		SD-172298-1000		PSD	000	D1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						D-SIZE 172298				GENERAL MARKET	2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/26	13:35:15
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M		19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1											
	TIN PLATING							15 MICROINCH GOLD PLATING							30 MICROINCH GOLD PLATING																
	PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.	PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.	PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C	COLOR	PACKAGING SPEC.				
L	172298-1104	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001	172298-1204	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001	172298-1304	WITHOUT	4	KEY A	3.50	8.00	1.75	BLACK	TRAY PK-172298-9001				
	172298-1106	WITHOUT	6	KEY A	7.00	11.50	3.50			172298-1206	WITHOUT	6	KEY A	7.00	11.50	3.50			172298-1306	WITHOUT	6	KEY A	7.00	11.50	3.50						
	172298-1108	WITHOUT	8	KEY A	10.50	15.00	5.25			172298-1208	WITHOUT	8	KEY A	10.50	15.00	5.25			172298-1308	WITHOUT	8	KEY A	10.50	15.00	5.25						
	172298-1110	WITHOUT	10	KEY A	14.00	18.50	7.00			172298-1210	WITHOUT	10	KEY A	14.00	18.50	7.00			172298-1310	WITHOUT	10	KEY A	14.00	18.50	7.00						
	172298-1112	WITHOUT	12	KEY A	17.50	22.00	8.75			172298-1212	WITHOUT	12	KEY A	17.50	22.00	8.75			172298-1312	WITHOUT	12	KEY A	17.50	22.00	8.75						
K	172298-1114	WITHOUT	14	KEY A	21.00	25.50	10.50	NATURAL		172298-1214	WITHOUT	14	KEY A	21.00	25.50	10.50	NATURAL		172298-1314	WITHOUT	14	KEY A	21.00	25.50	10.50	NATURAL					
	172298-1116	WITHOUT	16	KEY A	24.50	29.00	12.25			172298-1216	WITHOUT	16	KEY A	24.50	29.00	12.25			172298-1316	WITHOUT	16	KEY A	24.50	29.00	12.25						
	172298-2104	WITHOUT	4	KEY B	3.50	8.00	1.75			172298-2204	WITHOUT	4	KEY B	3.50	8.00	1.75			172298-2304	WITHOUT	4	KEY B	3.50	8.00	1.75						
	172298-2106	WITHOUT	6	KEY B	7.00	11.50	3.50			172298-2206	WITHOUT	6	KEY B	7.00	11.50	3.50			172298-2306	WITHOUT	6	KEY B	7.00	11.50	3.50						
	172298-2108	WITHOUT	8	KEY B	10.50	15.00	5.25			172298-2208	WITHOUT	8	KEY B	10.50	15.00	5.25			172298-2308	WITHOUT	8	KEY B	10.50	15.00	5.25						
J	172298-2110	WITHOUT	10	KEY B	14.00	18.50	7.00	BLACK		172298-2210	WITHOUT	10	KEY B	14.00	18.50	7.00	BLACK		172298-2310	WITHOUT	10	KEY B	14.00	18.50	7.00	BLACK					
	172298-2112	WITHOUT	12	KEY B	17.50	22.00	8.75			172298-2212	WITHOUT	12	KEY B	17.50	22.00	8.75			172298-2312	WITHOUT	12	KEY B	17.50	22.00	8.75						
	172298-2114	WITHOUT	14	KEY B	21.00	25.50	10.50			172298-2214	WITHOUT	14	KEY B	21.00	25.50	10.50			172298-2314	WITHOUT	14	KEY B	21.00	25.50	10.50						
	172298-2116	WITHOUT	16	KEY B	24.50	29.00	12.25			172298-2216	WITHOUT	16	KEY B	24.50	29.00	12.25			172298-2316	WITHOUT	16	KEY B	24.50	29.00	12.25						
	172298-7104	WITH	4	KEY A	3.50	8.00	1.75			172298-7204	WITH	4	KEY A	3.50	8.00	1.75			172298-7304	WITH	4	KEY A	3.50	8.00	1.75						
H	172298-7106	WITH	6	KEY A	7.00	11.50	3.50	BLACK	172298-7206	WITH	6	KEY A	7.00	11.50	3.50	BLACK	172298-7306	WITH	6	KEY A	7.00	11.50	3.50	BLACK							
	172298-7108	WITH	8	KEY A	10.50	15.00	5.25		172298-7208	WITH	8	KEY A	10.50	15.00	5.25		172298-7308	WITH	8	KEY A	10.50	15.00	5.25								
	172298-7110	WITH	10	KEY A	14.00	18.50	7.00		172298-7210	WITH	10	KEY A	14.00	18.50	7.00		172298-7310	WITH	10	KEY A	14.00	18.50	7.00								
	172298-7112	WITH	12	KEY A	17.50	22.00	8.75		172298-7212	WITH	12	KEY A	17.50	22.00	8.75		172298-7312	WITH	12	KEY A	17.50	22.00	8.75								
	172298-7114	WITH	14	KEY A	21.00	25.50	10.50		172298-7214	WITH	14	KEY A	21.00	25.50	10.50		172298-7314	WITH	14	KEY A	21.00	25.50	10.50								
G	172298-7116	WITH	16	KEY A	24.50	29.00	12.25	BLACK	172298-7216	WITH	16	KEY A	24.50	29.00	12.25	BLACK	172298-7316	WITH	16	KEY A	24.50	29.00	12.25	BLACK							
	172298-8104	WITHOUT	4	KEY A	3.50	8.00	1.75		172298-8204	WITHOUT	4	KEY A	3.50	8.00	1.75		172298-8304	WITHOUT	4	KEY A	3.50	8.00	1.75								
	172298-8106	WITHOUT	6	KEY A	7.00	11.50	3.50		172298-8206	WITHOUT	6	KEY A	7.00	11.50	3.50		172298-8306	WITHOUT	6	KEY A	7.00	11.50	3.50								
	172298-8108	WITHOUT	8	KEY A	10.50	15.00	5.25		172298-8208	WITHOUT	8	KEY A	10.50	15.00	5.25		172298-8308	WITHOUT	8	KEY A	10.50	15.00	5.25								
	172298-8110	WITHOUT	10	KEY A	14.00	18.50	7.00		172298-8210	WITHOUT	10	KEY A	14.00	18.50	7.00		172298-8310	WITHOUT	10	KEY A	14.00	18.50	7.00								
F	172298-8112	WITHOUT	12	KEY A	17.50	22.00	8.75	NATURAL	172298-8212	WITHOUT	12	KEY A	17.50	22.00	8.75	NATURAL	172298-8312	WITHOUT	12	KEY A	17.50	22.00	8.75	NATURAL							
	172298-8114	WITHOUT	14	KEY A	21.00	25.50	10.50		172298-8214	WITHOUT	14	KEY A	21.00	25.50	10.50		172298-8314	WITHOUT	14	KEY A	21.00	25.50	10.50								
	172298-8116	WITHOUT	16	KEY A	24.50	29.00	12.25		172298-8216	WITHOUT	16	KEY A	24.50	29.00	12.25		172298-8316	WITHOUT	16	KEY A	24.50	29.00	12.25								
	172298-3104	WITH	4	KEY B	3.50	8.00	1.75		172298-3204	WITH	4	KEY B	3.50	8.00	1.75		172298-3304	WITH	4	KEY B	3.50	8.00	1.75								
	172298-3106	WITH	6	KEY B	7.00	11.50	3.50		172298-3206	WITH	6	KEY B	7.00	11.50	3.50		172298-3306	WITH	6	KEY B	7.00	11.50	3.50								
E	172298-3108	WITH	8	KEY B	10.50	15.00	5.25	NATURAL	172298-3208	WITH	8	KEY B	10.50	15.00	5.25	NATURAL	172298-3308	WITH	8	KEY B	10.50	15.00	5.25	NATURAL							
	172298-3110	WITH	10	KEY B	14.00	18.50	7.00		172298-3210	WITH	10	KEY B	14.00	18.50	7.00		172298-3310	WITH	10	KEY B	14.00	18.50	7.00								
	172298-3112	WITH	12	KEY B	17.50	22.00	8.75		172298-3212	WITH	12	KEY B	17.50	22.00	8.75		172298-3312	WITH	12	KEY B	17.50	22.00	8.75								
	172298-3114	WITH	14	KEY B	21.00	25.50	10.50		172298-3214	WITH	14	KEY B	21.00	25.50	10.50		172298-3314	WITH	14	KEY B	21.00	25.50	10.50								
	172298-3116	WITH	16	KEY B	24.50	29.00	12.25		172298-3216	WITH	16	KEY B	24.50	29.00	12.25		172298-3316	WITH	16	KEY B	24.50	29.00	12.25								
D	172298-4104	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL	172298-4204	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL	172298-4304	WITHOUT	4	KEY B	3.50	8.00	1.75	NATURAL							
	172298-4106	WITHOUT	6	KEY B	7.00	11.50	3.50		172298-4206	WITHOUT	6	KEY B	7.00	11.50	3.50		172298-4306	WITHOUT	6	KEY B	7.00	11.50	3.50								
	172298-4108	WITHOUT	8	KEY B	10.50	15.00	5.25		172298-4208	WITHOUT	8	KEY B	10.50	15.00	5.25		172298-4308	WITHOUT	8	KEY B	10.50	15.00	5.25								
	172298-4110	WITHOUT	10	KEY B	14.00	18.50	7.00		172298-4210	WITHOUT	10	KEY B	14.00	18.50	7.00		172298-4310	WITHOUT	10	KEY B	14.00	18.50	7.00								
	172298-4112	WITHOUT	12	KEY B	17.50	22.00	8.75		172298-4212	WITHOUT	12	KEY B	17.50	22.00	8.75		172298-4312	WITHOUT	12	KEY B	17.50	22.00	8.75								
C	172298-4114	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL	172298-4214	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL	172298-4314	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL							
	172298-4116	WITHOUT	16	KEY B	24.50	29.00	12.25		172298-4216	WITHOUT	16	KEY B	24.50	29.00	12.25		172298-4316	WITHOUT	16	KEY B	24.50	29.00	12.25								
B																															
A																															