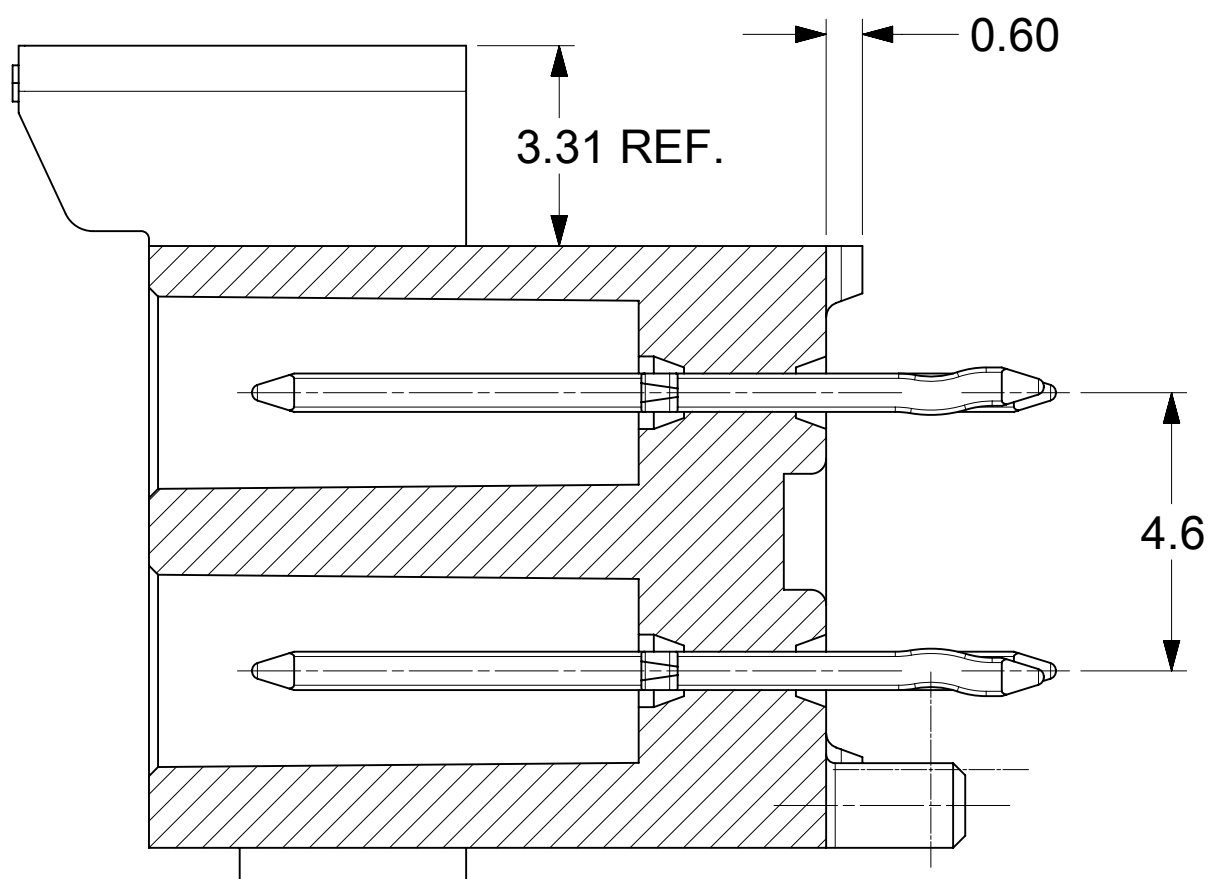
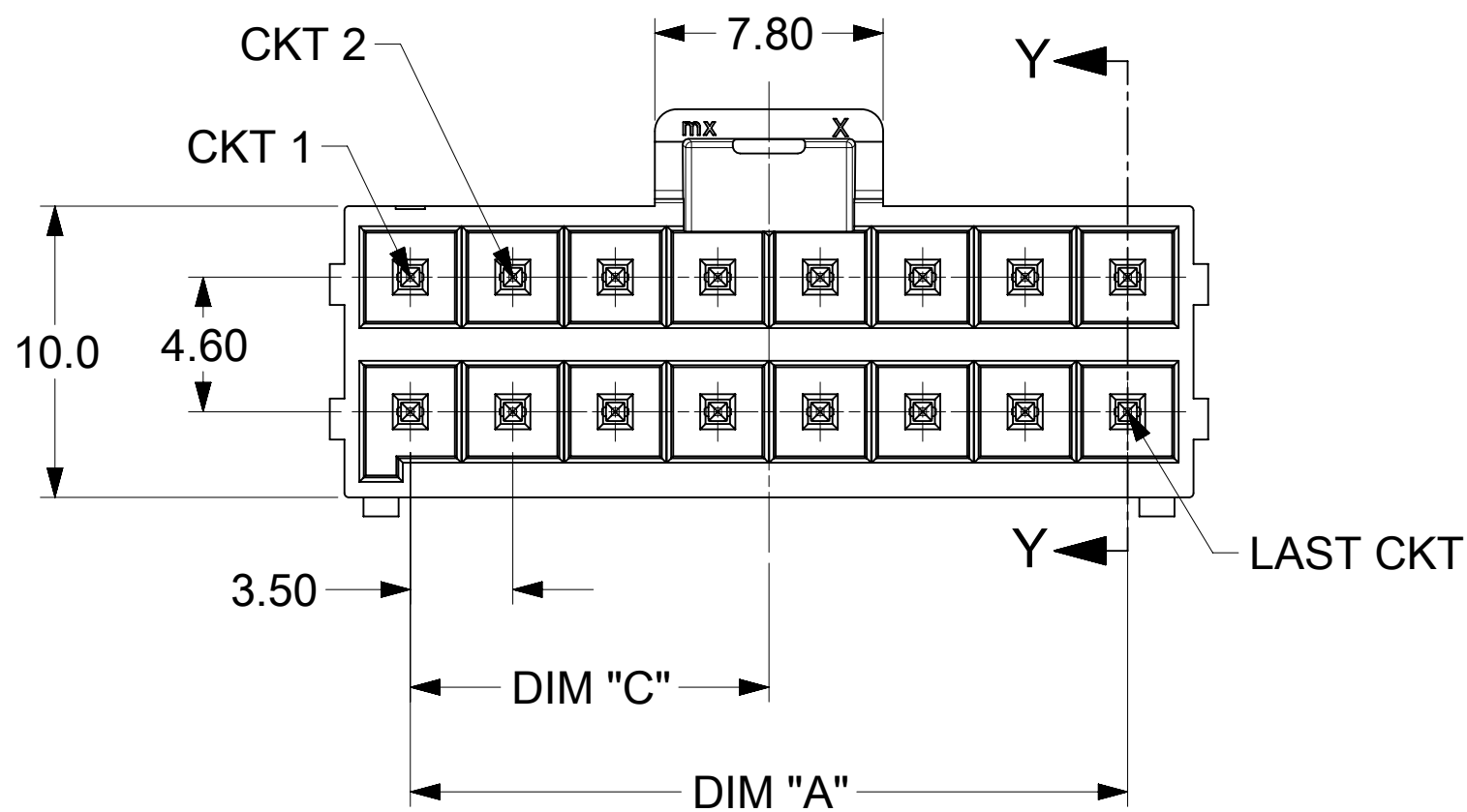
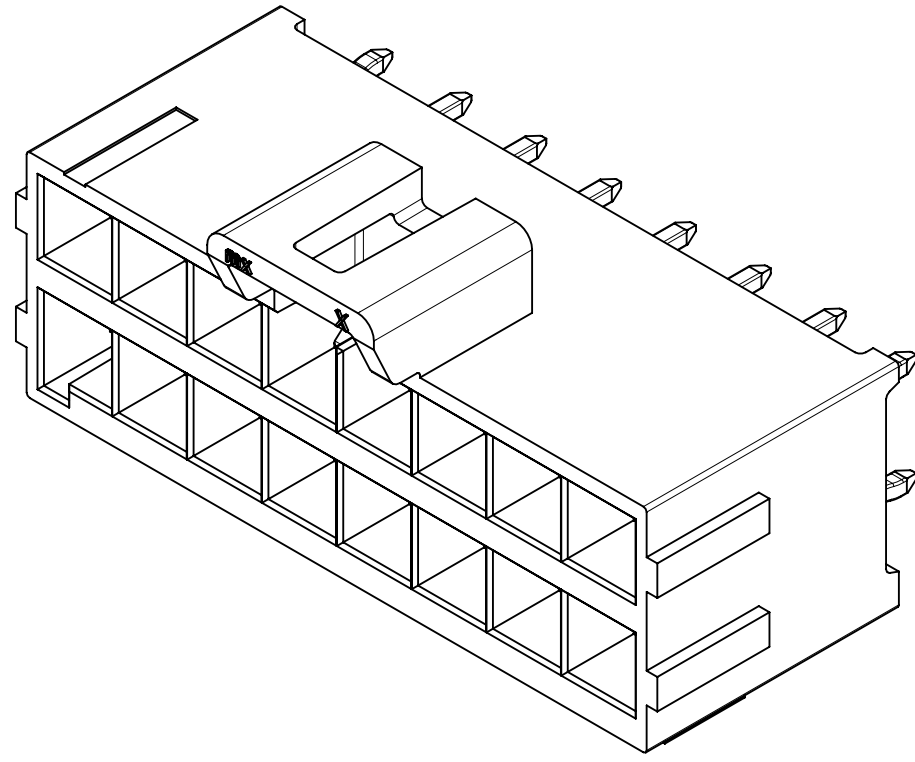
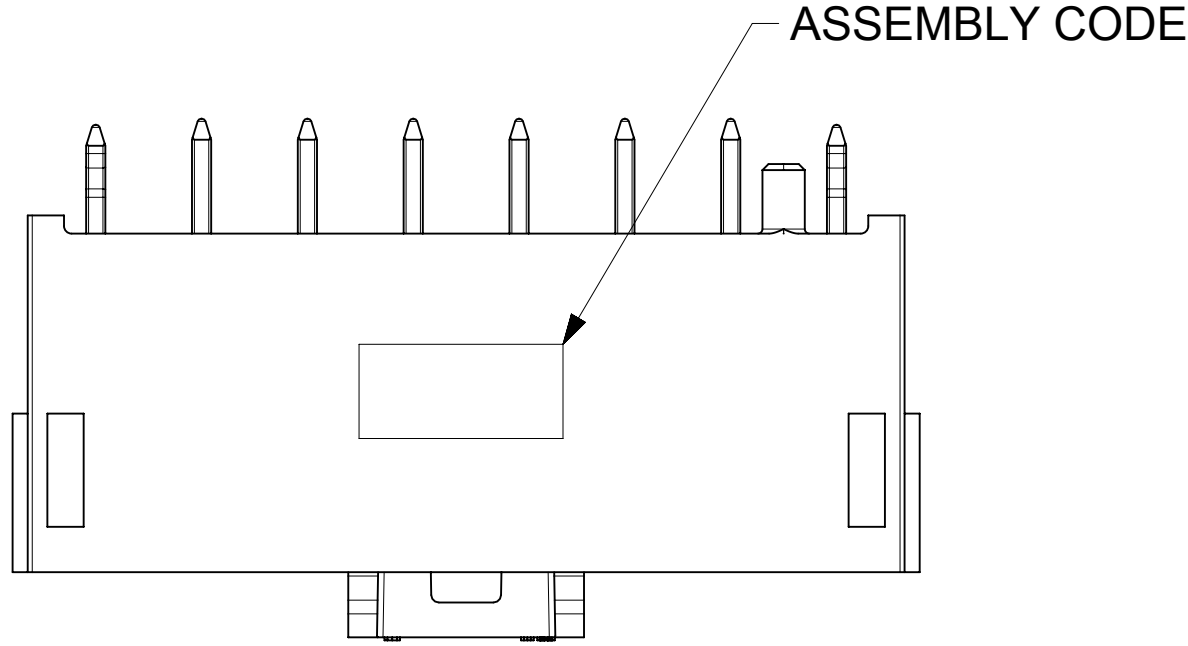
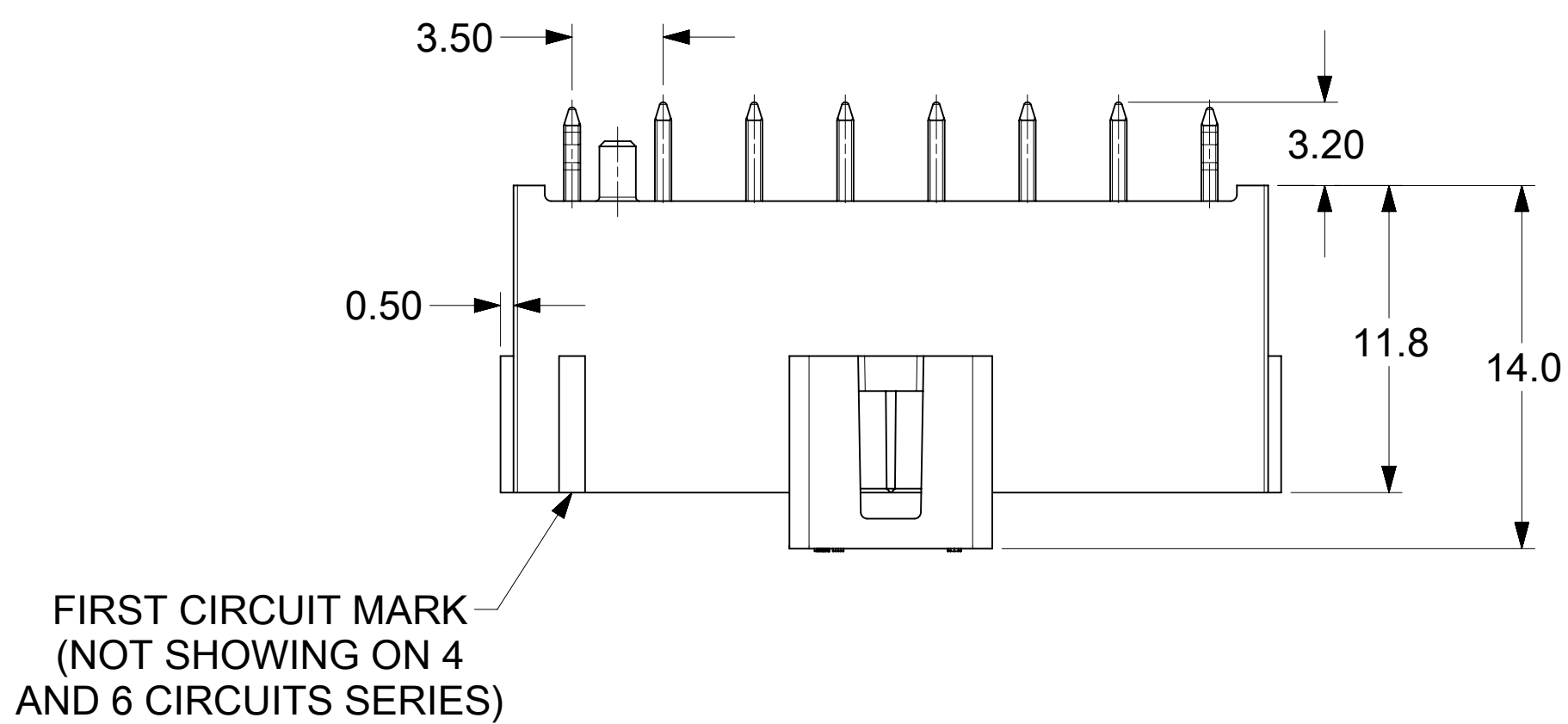
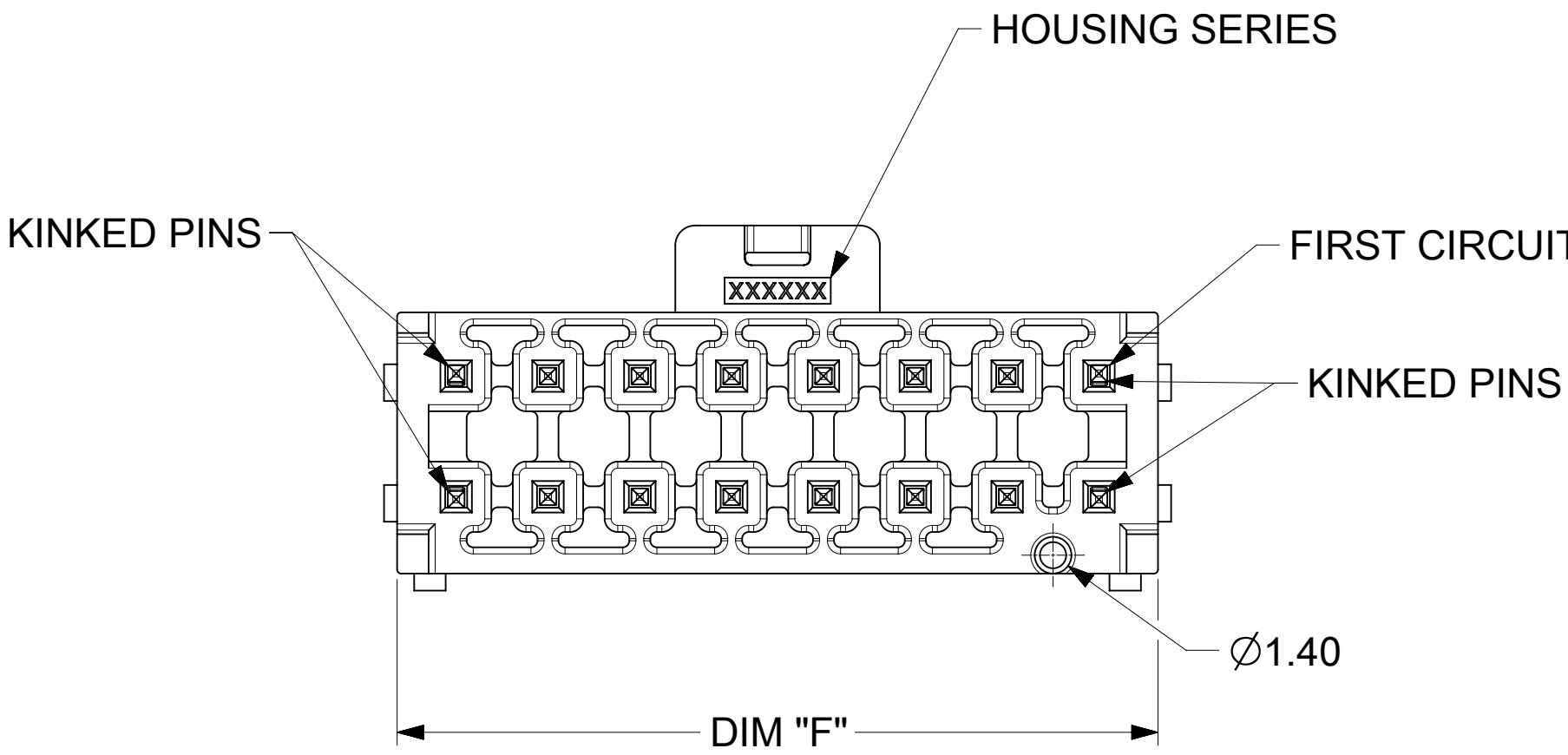


19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

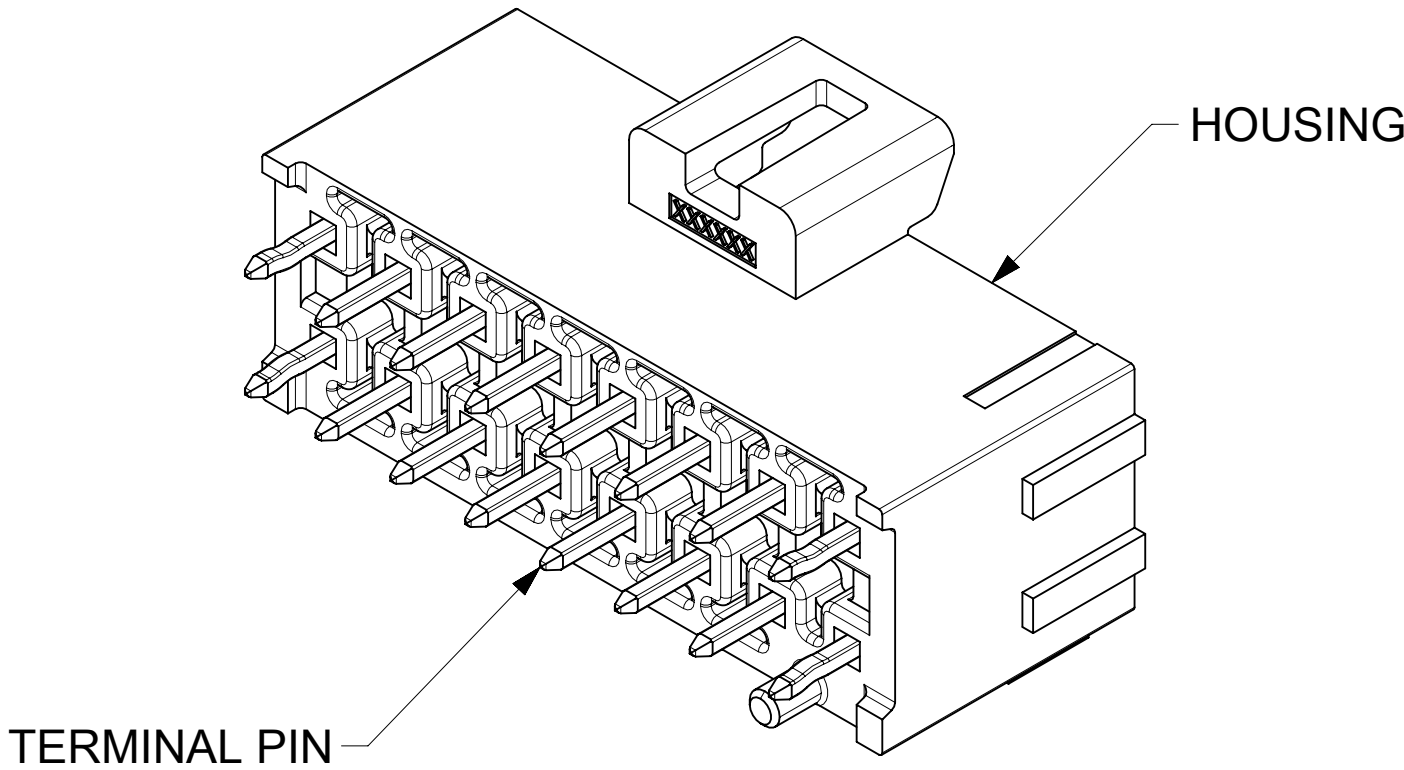
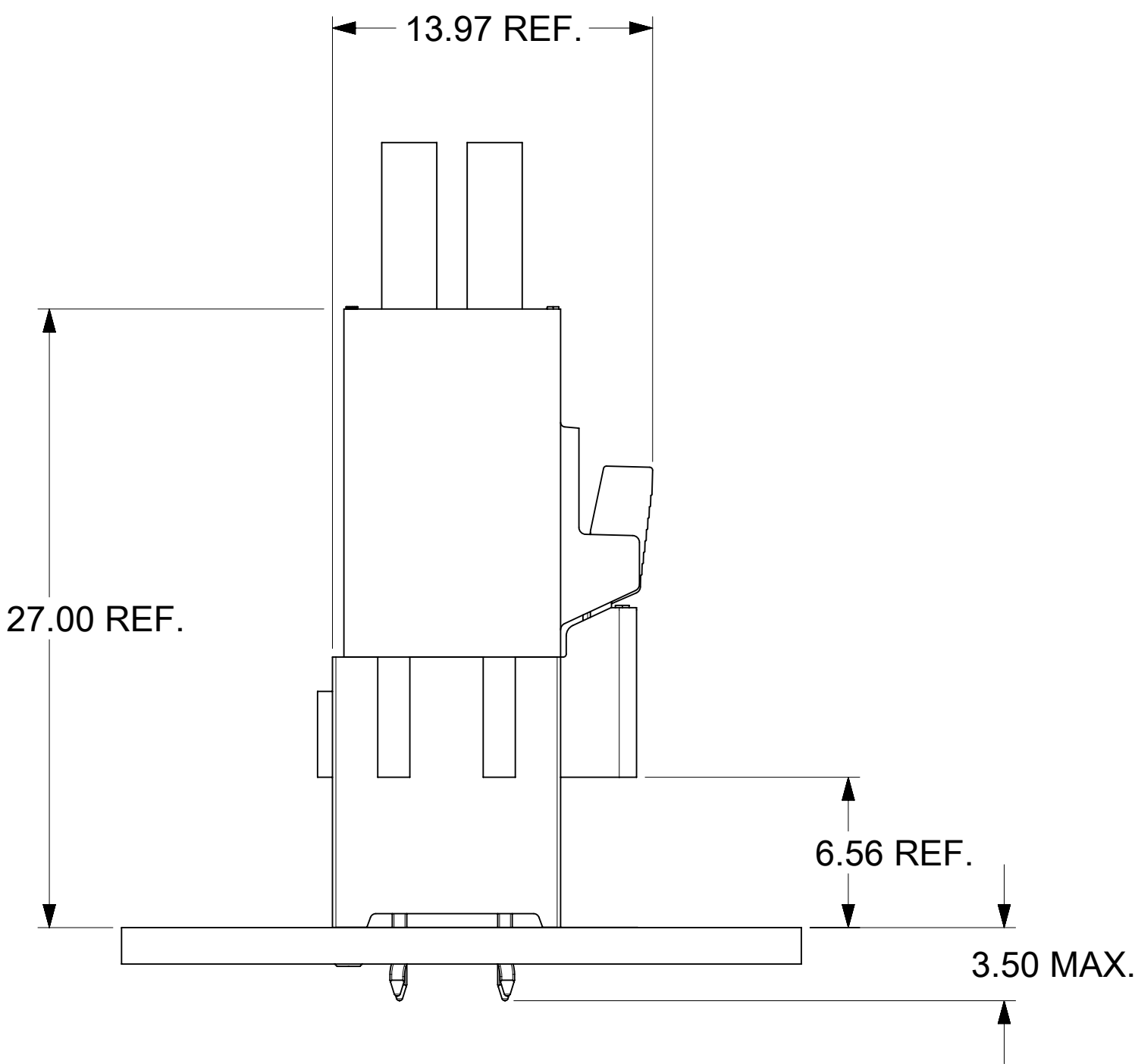


SECTION Y-Y
SCALE 8:1

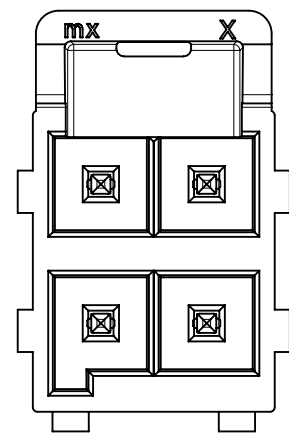


NOTES:

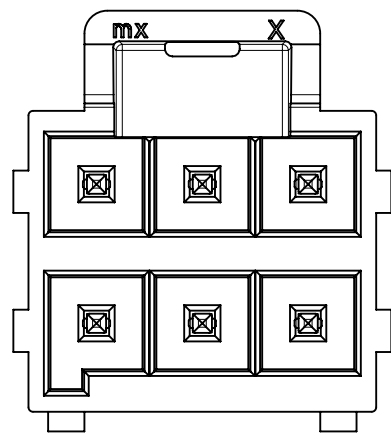
- MATERIAL :
HOUSING
OPTION 1: LCP BLACK, UL94 V-0
OPTION 2: LCP NATURAL, UL94 V-0
TERMINAL: COPPER ALLOY
- PLATING FINISH:
OPTION 1 - 1.52µm(60µin)-2.54µm(100µin) TIN OVER,
1.27µm(50µin)-2.54µm(100µin) NICKEL OVERALL,
OPTION 2 - 0.38µm(15µin) GOLD CONTACT AREA,
1.52µm(60µin)-2.54µm(100µin) TIN TAIL 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



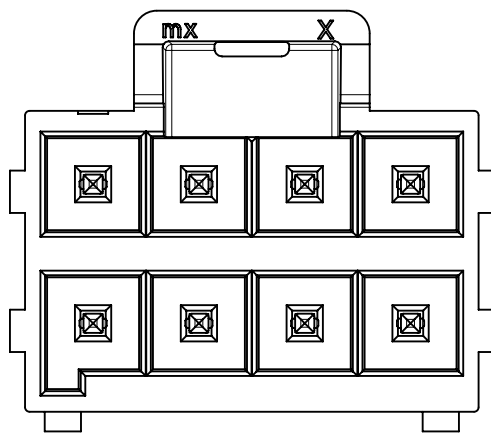
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
	mm	4:1								
	F A = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				ULTRA-FIT VERT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



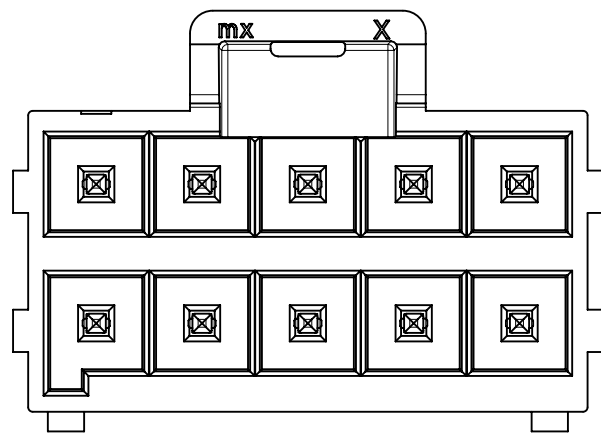
4 CKT



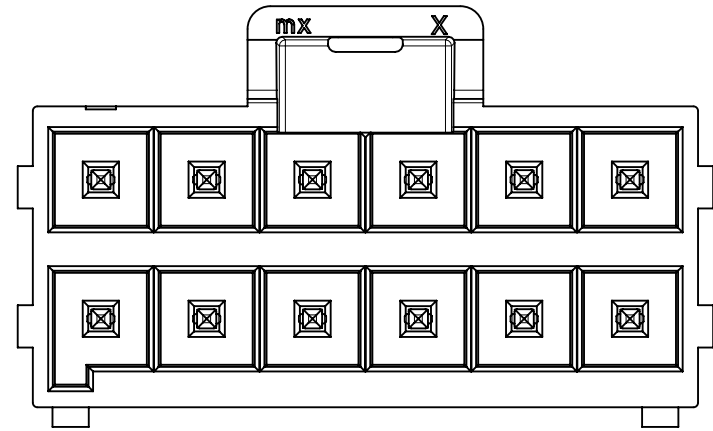
6 CKT



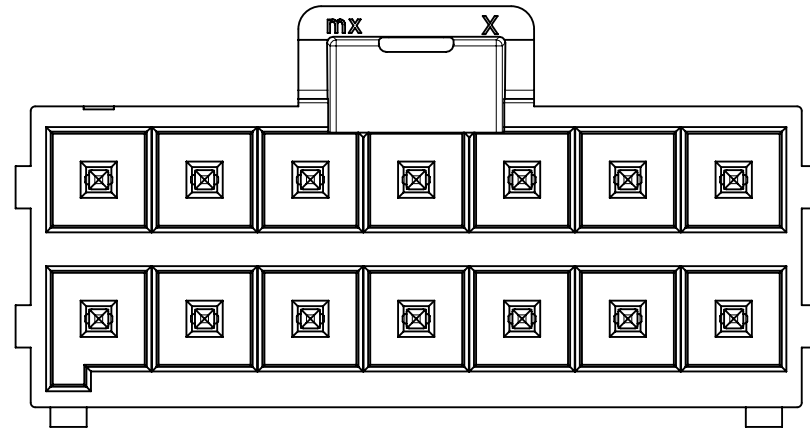
8 CKT



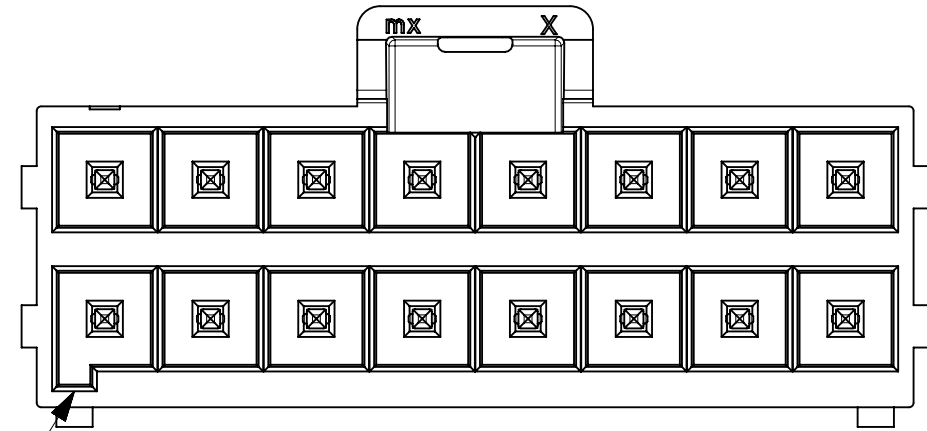
10 CKT



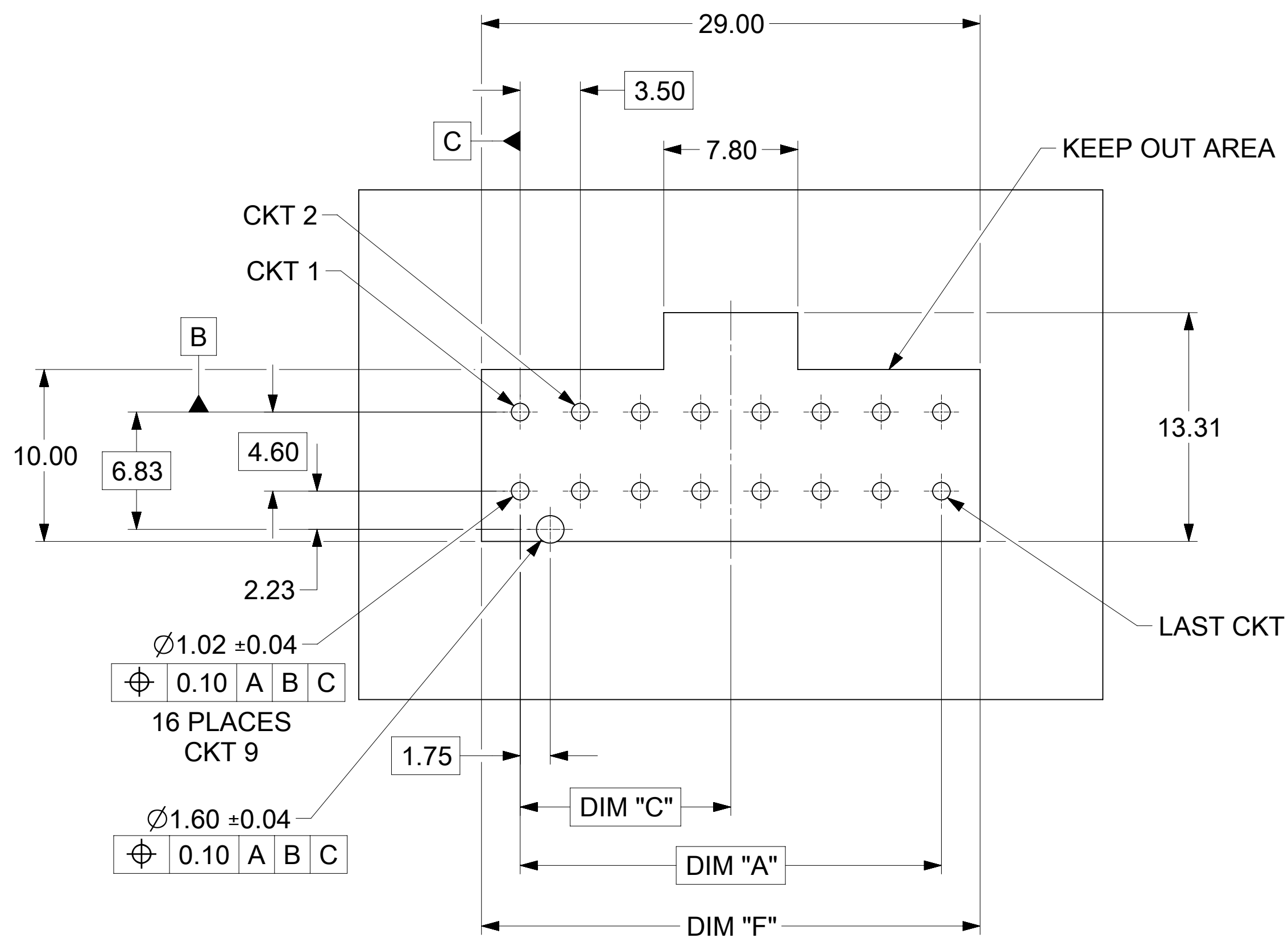
12 CKT



14 CKT



16 CKT



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
	 WITHOUT KAPTON	 KAPTON WITH KAPTON

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS	mm	SCALE	4:1	CURRENT REV DESC:					
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 693485					
	ANGULAR TOL ± °				DRWN: GLLI 2022/01/21					
	4 PLACES ±				CHK'D: XQZHANG 2022/01/26					
	3 PLACES ±				APPR: XQZHANG 2022/01/26					
	2 PLACES ± 0.25				INITIAL REVISION:					
	1 PLACE ± 0.5				DRWN: DROSCA 2014/03/04					
	0 PLACES ±				APPR: JCOMERCI 2014/04/24					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES		
								D-SIZE	172298	

molex			
ULTRA-FIT VERT HEADER 4-16 CKTS DUAL ROW KINKED PINS			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172298-1000	PSD	000	D1
MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
	GENERAL MARKET		2 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2022/01/26	13:35:15
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M	TIN PLATING							COLOR	PACKAGING SPEC.	15 MICROINCH GOLD PLATING	COLOR	PACKAGING SPEC.	30 MICROINCH GOLD PLATING							COLOR	PACKAGING SPEC.						
	PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C						PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F	DIM C			PART NO.	KAPTON OPTION	CIRCUIT SIZE	KEY OPTION	DIM A	DIM F
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		
	172298-1114	WITHOUT	14	KEY A	21.00	25.50	10.50			172298-1214	WITHOUT	14	KEY A	21.00	25.50	10.50			172298-1314	WITHOUT	14	KEY A	21.00	25.50	10.50		
	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		
K	172298-2110	WITHOUT	10	KEY B	14.00	18.50	7.00	NATURAL	TAPE REEL 1722981000-PK	172298-2210	WITHOUT	10	KEY B	14.00	18.50	7.00	NATURAL	TAPE REEL 1722981000-PK	172298-2310	WITHOUT	10	KEY B	14.00	18.50	7.00	NATURAL	TAPE REEL 1722981000-PK
	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		
	172298-7106	WITH	6	KEY A	7.00	11.50	3.50			172298-7206	WITH	6	KEY A	7.00	11.50	3.50			172298-7306	WITH	6	KEY A	7.00	11.50	3.50		
	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		
J	172298-7116	WITH	16	KEY A	24.50	29.00	12.25	BLACK	TAPE REEL 1722981000-PK	172298-7216	WITH	16	KEY A	24.50	29.00	12.25	BLACK	TAPE REEL 1722981000-PK	172298-7316	WITH	16	KEY A	24.50	29.00	12.25	BLACK	TAPE REEL 1722981000-PK
	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		
	172298-8112	WITHOUT	12	KEY A	17.50	22.00	8.75			172298-8212	WITHOUT	12	KEY A	17.50	22.00	8.75			172298-8312	WITHOUT	12	KEY A	17.50	22.00	8.75		
	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		
H	172298-3108	WITH	8	KEY B	10.50	15.00	5.25	NATURAL	TAPE REEL 1722981000-PK	172298-3208	WITH	8	KEY B	10.50	15.00	5.25	NATURAL	TAPE REEL 1722981000-PK	172298-3308	WITH	8	KEY B	10.50	15.00	5.25	NATURAL	TAPE REEL 1722981000-PK
	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		
	172298-4104	WITHOUT	4	KEY B	3.50	8.00	1.75			172298-4204	WITHOUT	4	KEY B	3.50	8.00	1.75			172298-4304	WITHOUT	4	KEY B	3.50	8.00	1.75		
	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		
G	172298-4114	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL	TAPE REEL 1722981000-PK	172298-4214	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL	TAPE REEL 1722981000-PK	172298-4314	WITHOUT	14	KEY B	21.00	25.50	10.50	NATURAL	TAPE REEL 1722981000-PK
	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		
F																								F			
E																								E			
D																								D			
C																								C			
B																								B			
A																								A			