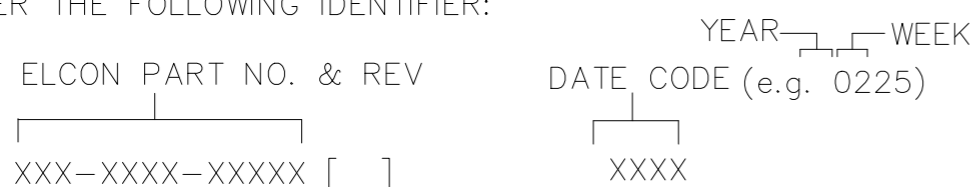


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REMOVE ONE SPARE SIGNAL PIN	01DEC2020	RY	SH

7. PART NUMBER INFORMATION: TYCO PN 1766200-1 (ELCON PN 284-0472-15000D). REFER TO TYCO PN 1766201-1 (ELCON PN 284-0482-15000D) FOR INFORMATION REGARDING THIS CONNECTOR HAVING AN OPPOSING END 20.5 MM POLARITY KEY DISTANCE.

6. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



5. OUTLINE SPECIFICATION WHEN USED WITH MATING BOARDS DESIGNED (5 OZ COPPER) FOR COMPARABLE OPERATION

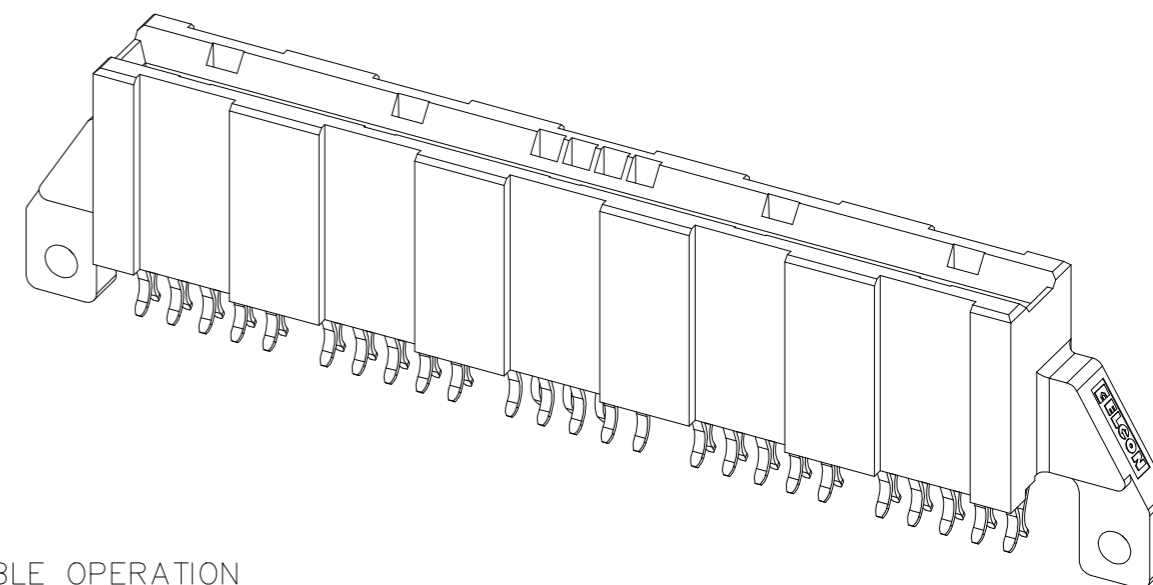
- CURRENT OF 17½ AMPS PER POWER CONTACT AT 30° TEMPERATURE RISE, 250 VOLTS.
- CURRENT OF 25 AMPS PER CONTACT UL
- CONNECTOR HOUSING GATHERABILITY OF 1.02[.040] AT ZERO DEGREES PRIOR TO MATE.
- MATING FORCES OF 15-20 POUNDS TYPICAL.
- KEY POLARIZED INSULATOR HOUSING
- HEAT DEFLECTION TEMPERATURE, SHORT DURATION, ABOVE 235°C.

4. A REFERENCE DIMENSION (.XXX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION PURPOSES ONLY.

3. FINISHES:
 CONTACT PLATING: SELECTIVE GOLD PLATE PER MIL-G-45204, 0.00076 MM THICK OVER NICKEL 0.00127 THICK.
 PCB TERMINATION: SELECTIVE TIN PLATE PER ASTM-B545, OVER NICKEL PER QQ-N-290 (PRE-PRODUCTION TERMINATION MAY BE TIN/LEAD PLATED)

2. MATERIALS:
 INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK
 UL94V-0 FLAMMABILITY RATED
 (PRE-PRODUCTION PLASTIC MAYBE NON-REINFORCED, COLOR NATURAL)
 CONTACTS: COPPER ALLOY

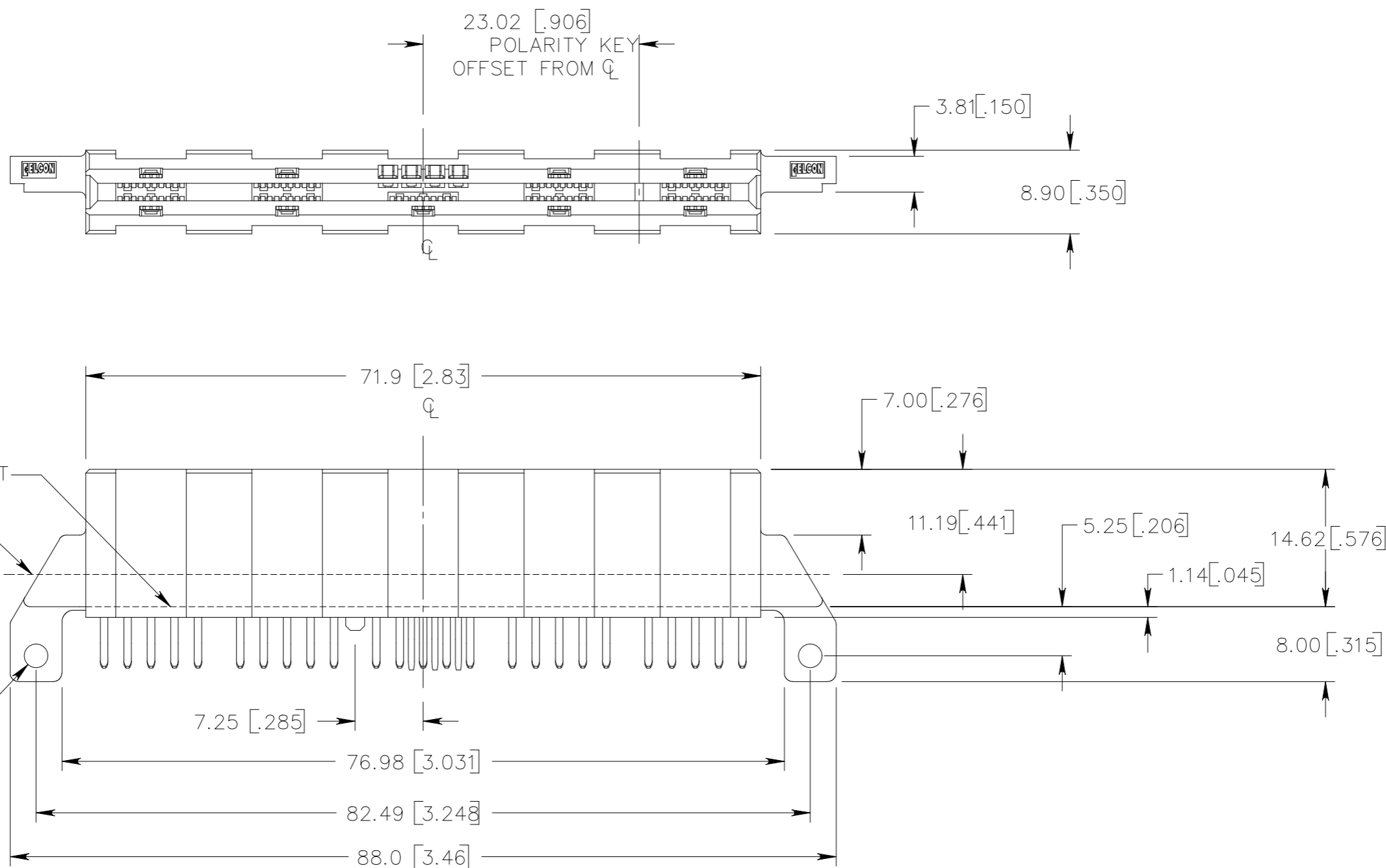
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.


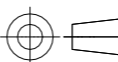


NOTES: UNLESS OTHERWISE SPECIFIED

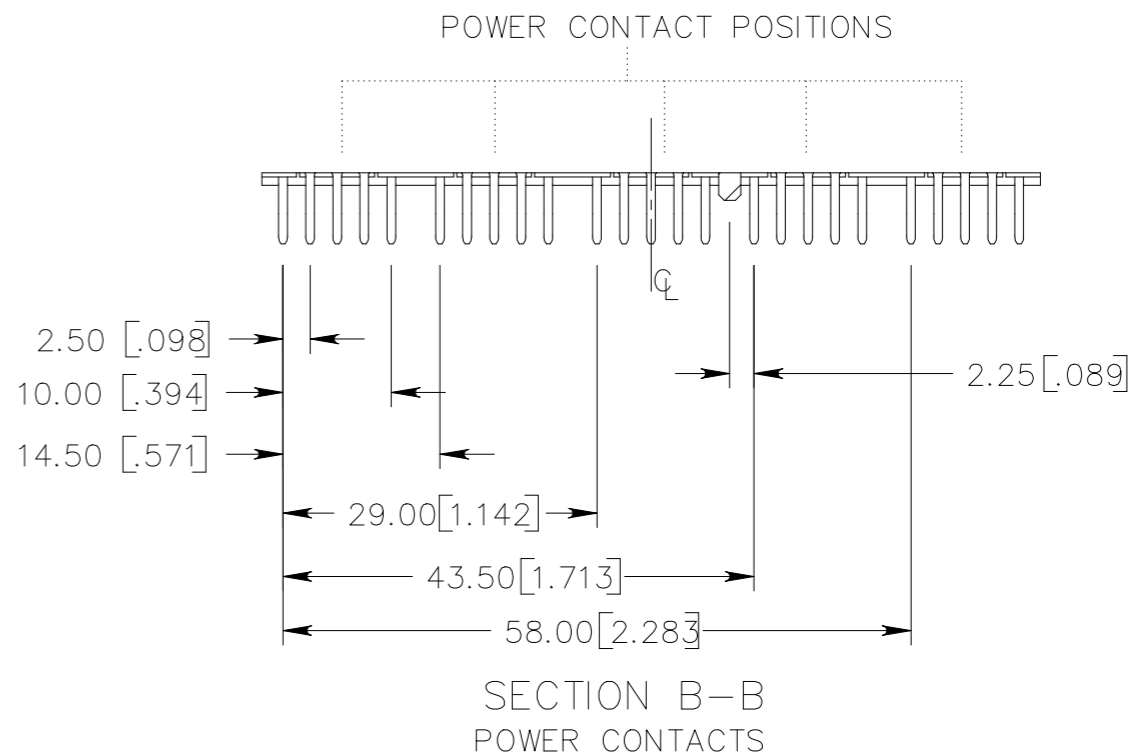
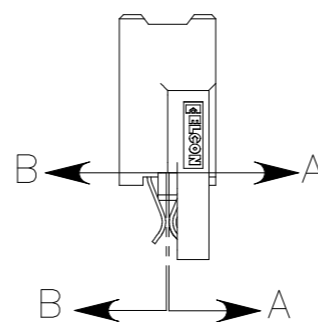
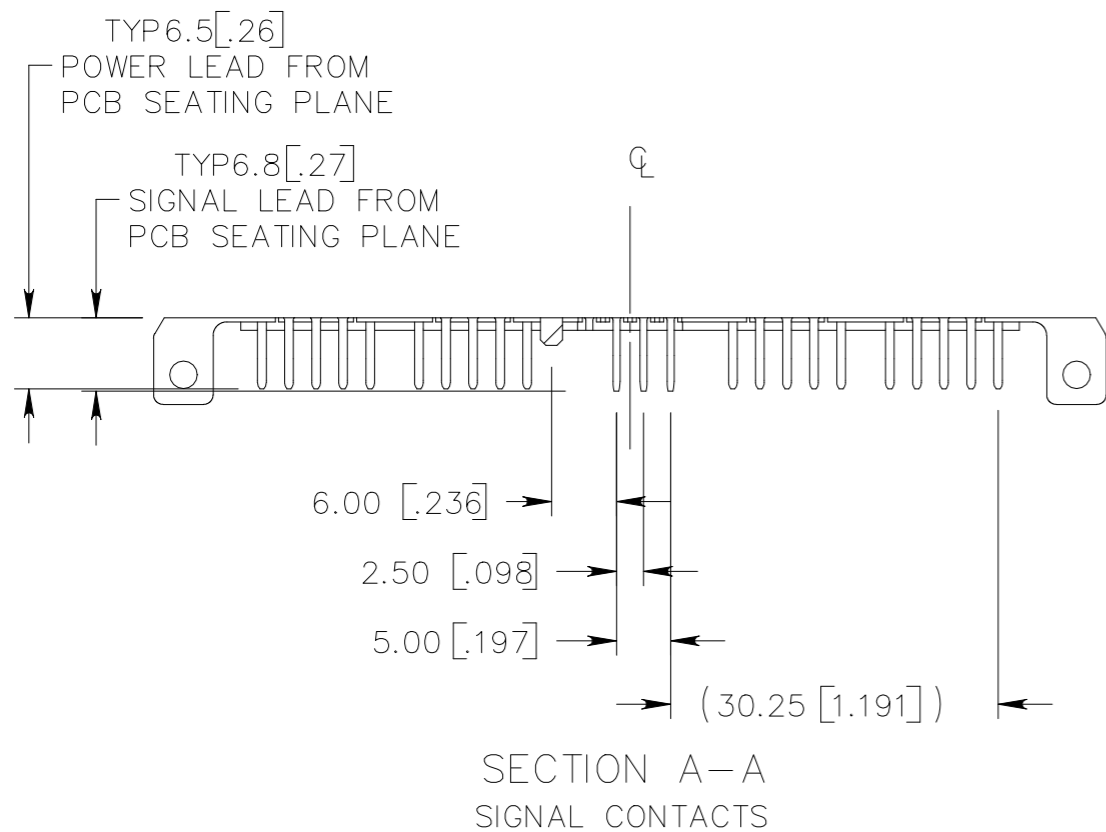
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU CHK -	01DEC2020	TE Connectivity NAME CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		APPLICATION SPEC	SIZE
MATERIAL		FINISH		WEIGHT	CAGE CODE
-		-		-	A300779
CUSTOMER DRAWING				DRAWING NO	RESTRICTED TO
				G-1766200	E
				SCALE	SHEET
				2:1	1 OF 5
				REV	1


P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



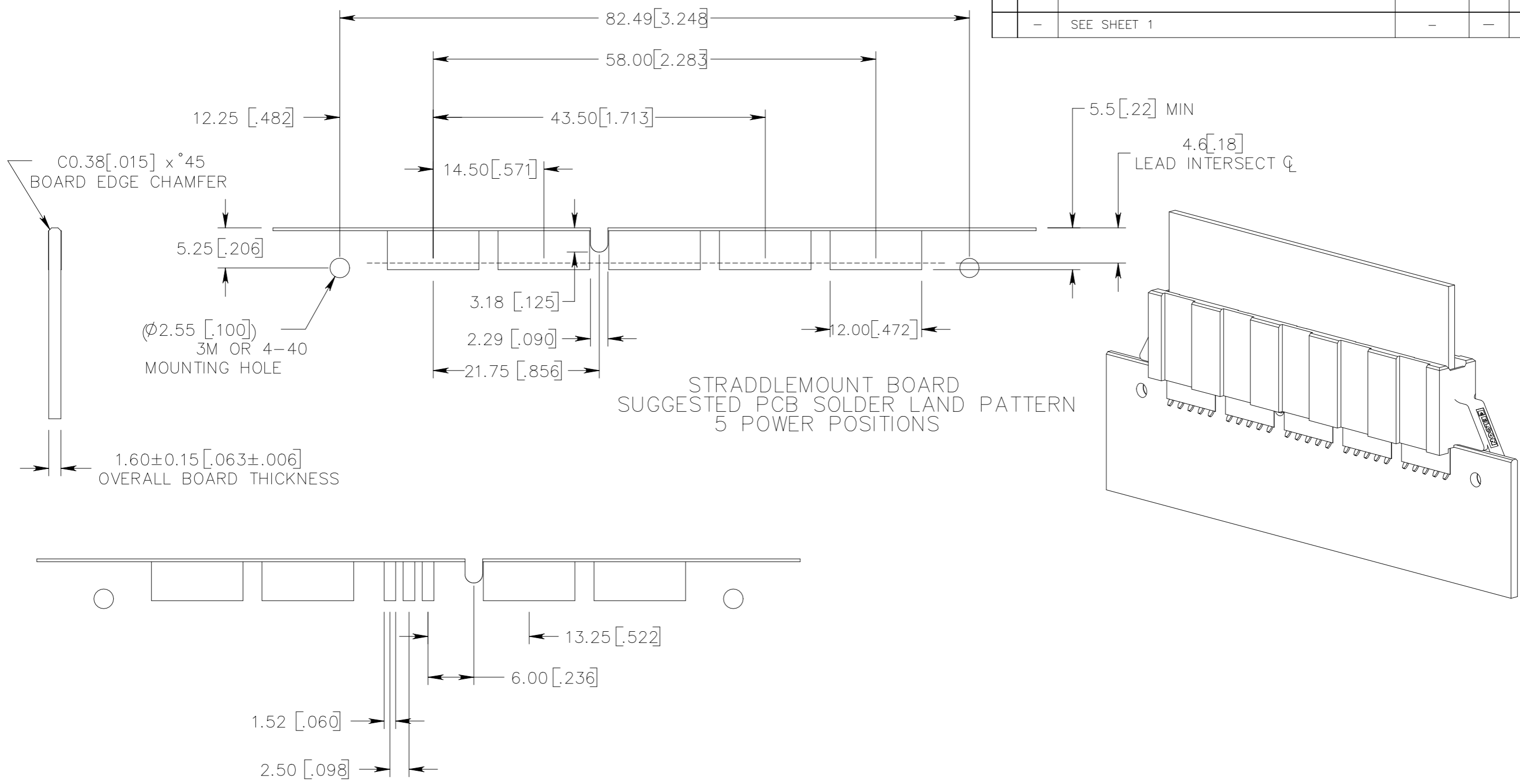
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU CHK -	01DEC2020	 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.20 2 PLC ± 0.08 3 PLC ± - 4 PLC ± - ANGLES ± 2.0			
MATERIAL -		FINISH -		NAME CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM	
		WEIGHT -		SIZE A3	CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO C-1766200	RESTRICTED TO E
		SCALE 2:1		SHEET 2 OF 5	REV 1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU 01DEC2020	 TE Connectivity		
DIMENSIONS: mm		CHK -			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 01DEC2020	CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM		
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		PRODUCT SPEC -	RESTRICTED TO		
MATERIAL -		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200
FINISH -		WEIGHT -	CUSTOMER DRAWING		SCALE 2:1
			SHEET 3 of 5		REV 1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

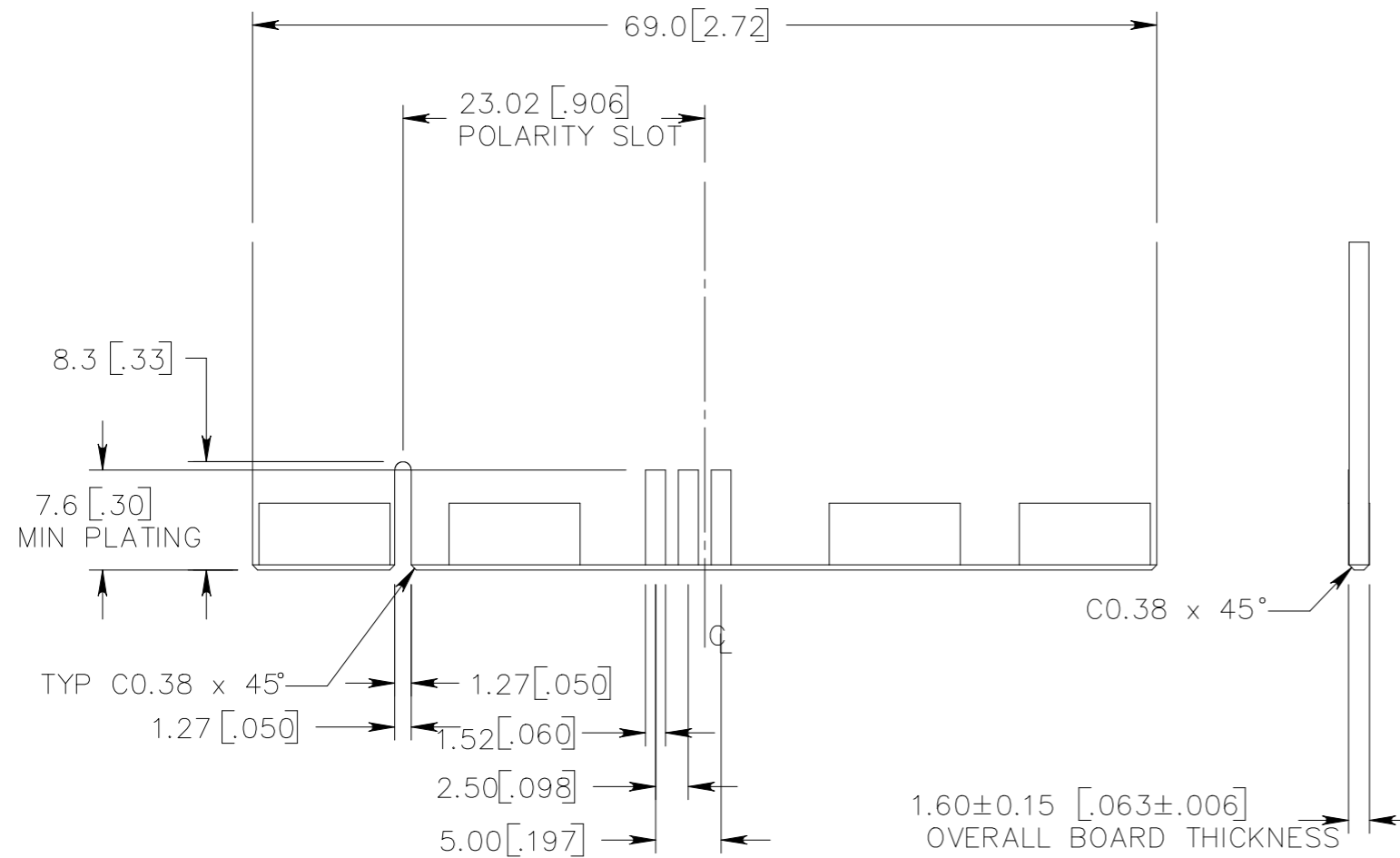


STRADDLEMOUNT BOARD SUGGESTED PCB SOLDER LAND PATTERN 5 POWER POSITIONS

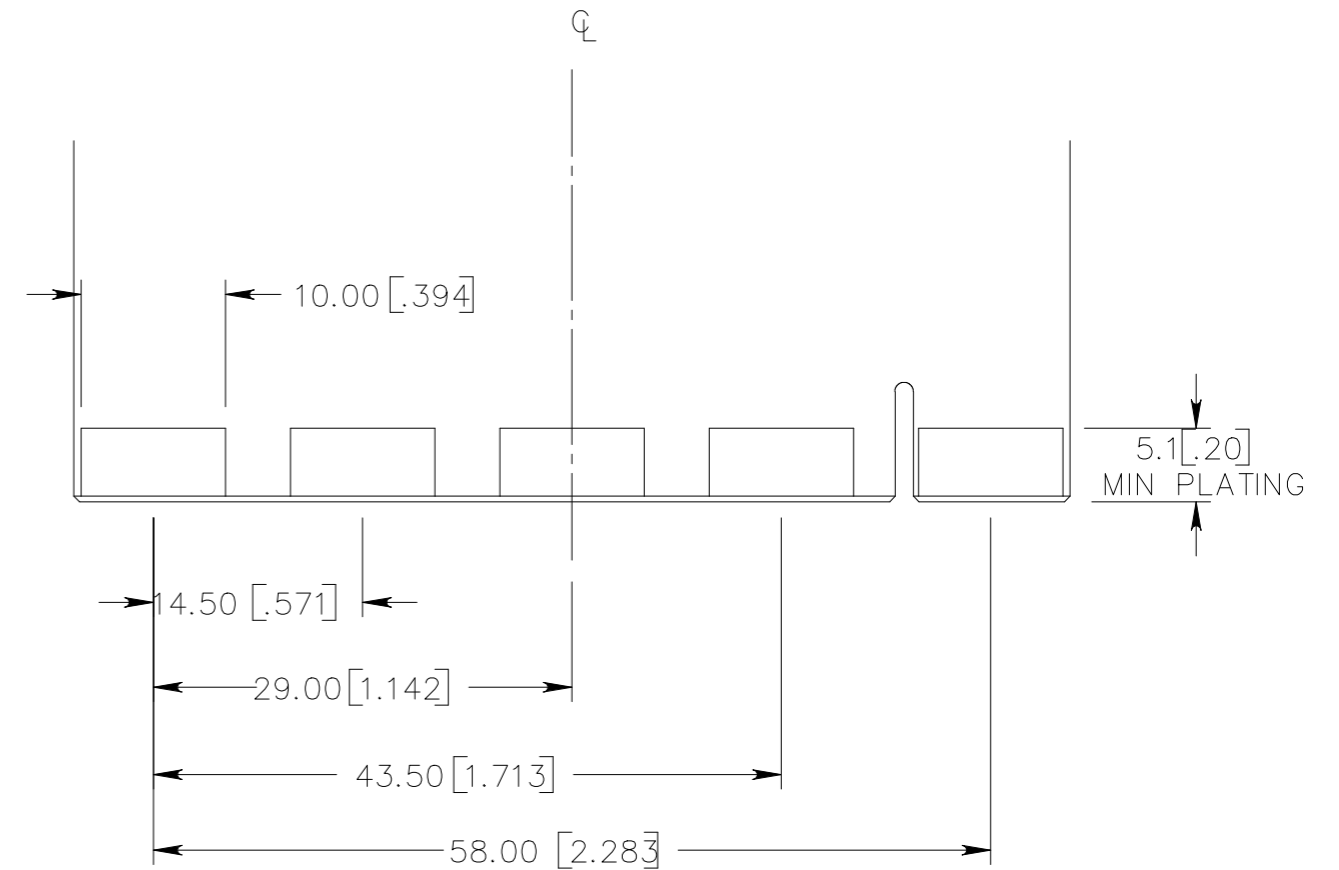
STRADDLEMOUNT BOARD SUGGESTED PCB SOLDER LAND PATTERN 4 POWER & 3 SIGNAL POSITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU 01DEC2020	TE Connectivity			
DIMENSIONS: mm		CHK -				NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 01DEC2020	CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM			
0 PLC ± - 1 PLC ± 0.20 2 PLC ± 0.08 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		PRODUCT SPEC -	RESTRICTED TO E			
MATERIAL -		FINISH -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200
CUSTOMER DRAWING			WEIGHT 0	SCALE 2:1	SHEET 4 OF 5	REV 1

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



MATING BOARD
SUGGESTED PCB CONTACT LAND PATTERN
4 POWER & 3 SIGNAL POSITIONS



MATING BOARD
SUGGESTED PCB CONTACT LAND PATTERN
5 POWER POSITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU 01DEC2020	TE Connectivity			
DIMENSIONS: mm		CHK -				NAME
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 01DEC2020	CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM			
0 PLC ± - 1 PLC ± 0.20 2 PLC ± 0.08 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		PRODUCT SPEC -	APPLICATION SPEC -			
MATERIAL -		FINISH -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200	RESTRICTED TO E
CUSTOMER DRAWING			SCALE 2:1	SHEET 5 OF 5	REV 1	

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