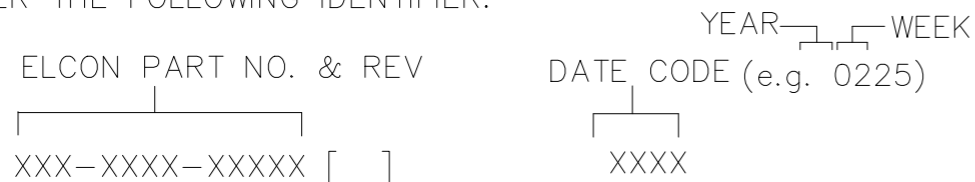


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REMOVE ONE SPARE SIGNAL PIN	01DEC2020	RY	SH

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

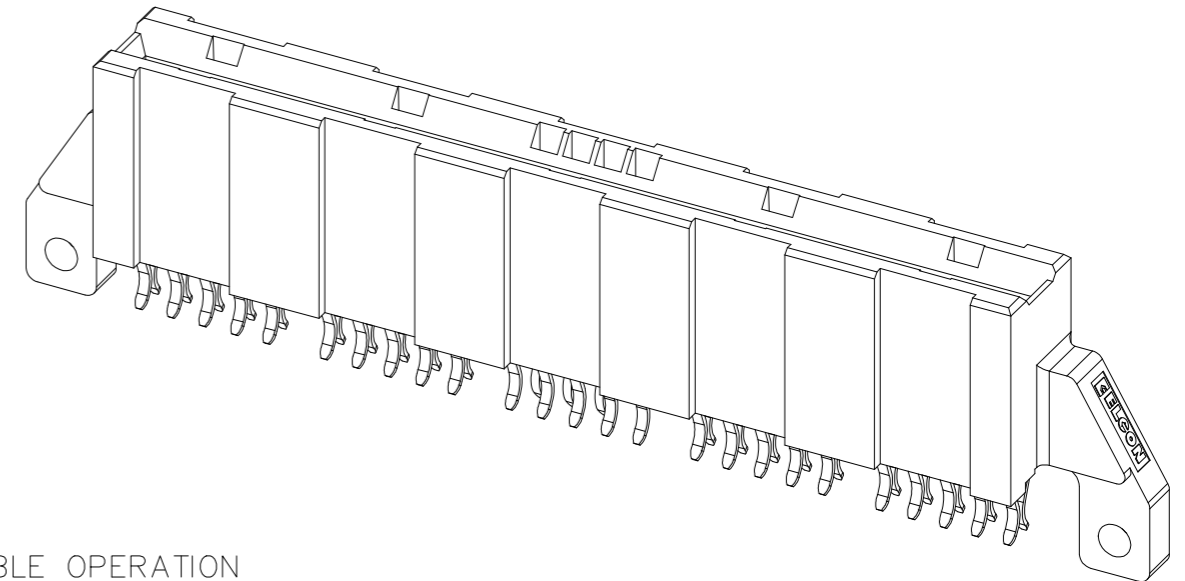
- CURRENT OF 17½ AMPS PER POWER CONTACT AT 30° TEMPERATURE RISE, 250 VOLTS.
- CURRENT OF 25 AMPS PER CONTACT UL
- CONNECTOR HOUSING GATHERABILITY OF 1.02[.040] AT ZERO DEGREES PRIOR TO MATE.
- MATING FORCES OF 15-20 POUNDS TYPICAL.
- KEY POLARIZED INSULATOR HOUSING
- HEAT DEFLECTION TEMPERATURE, SHORT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

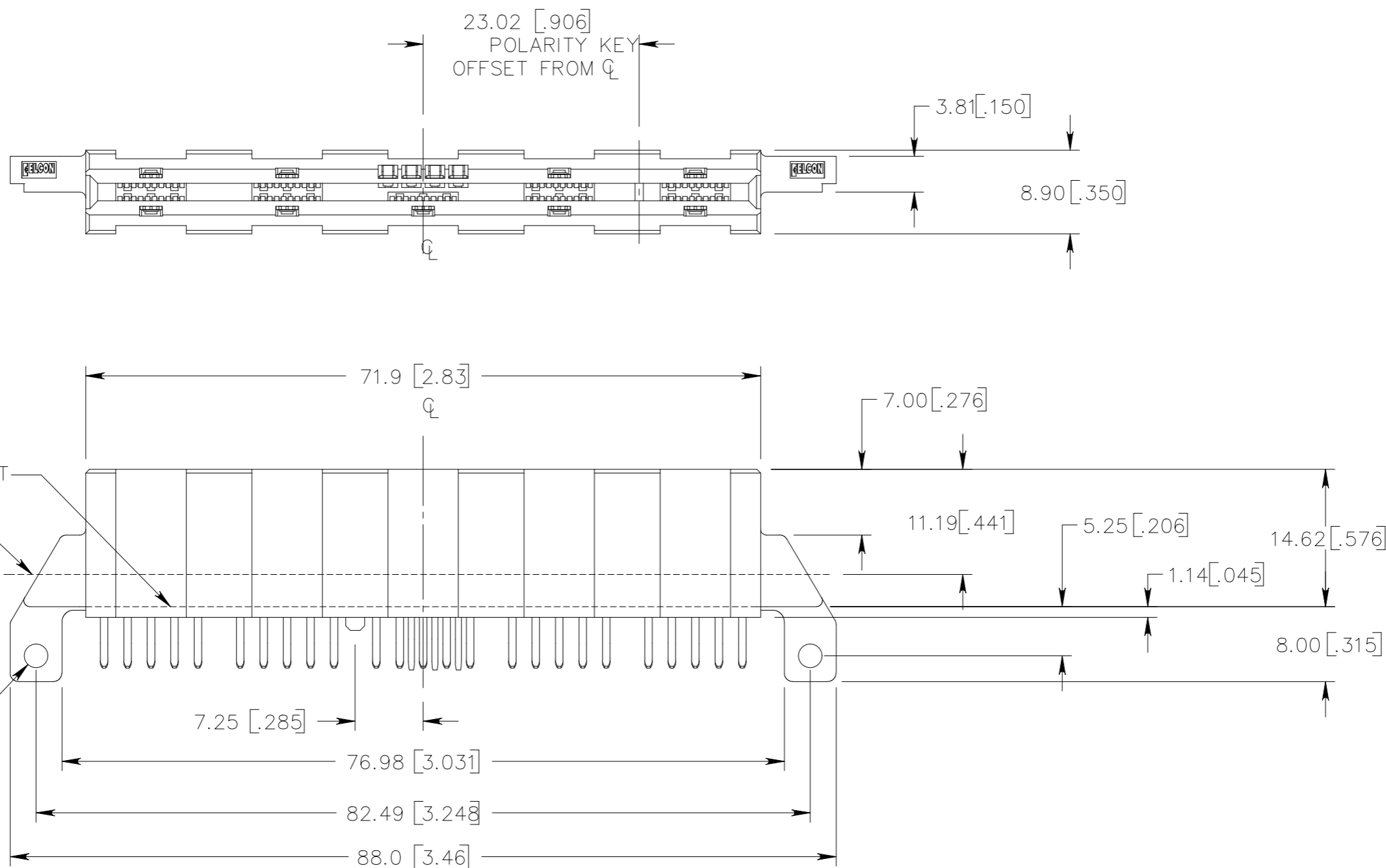
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.




**NOTES: UNLESS OTHERWISE SPECIFIED**

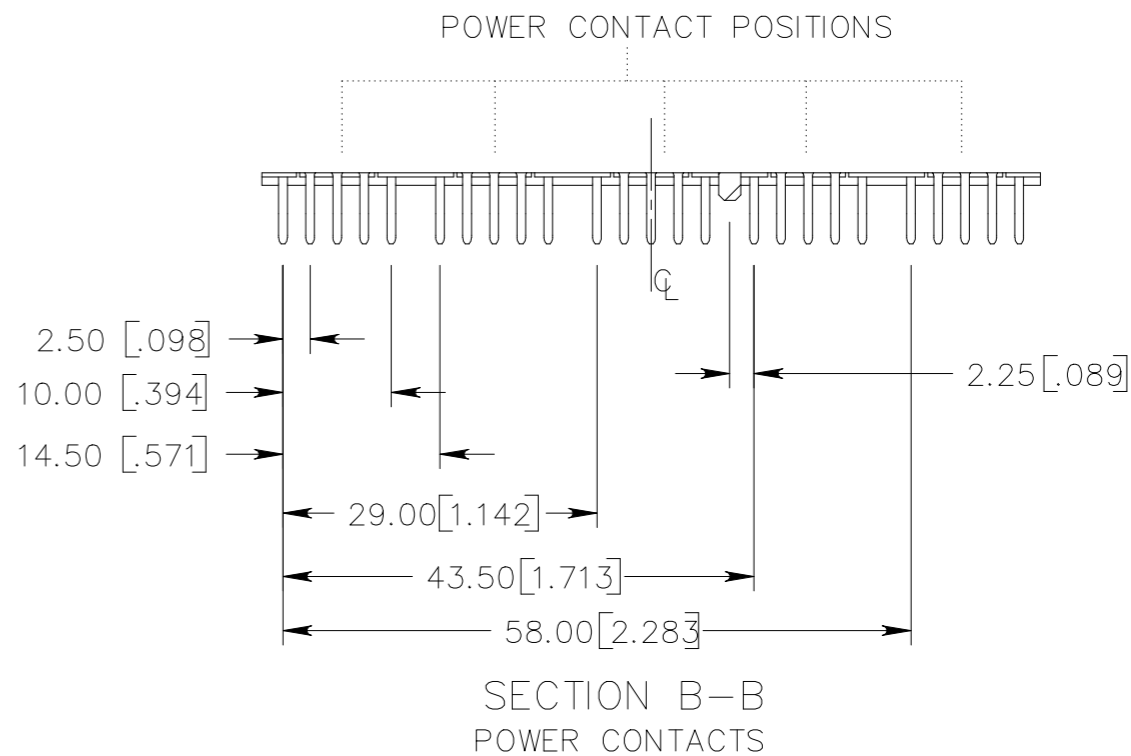
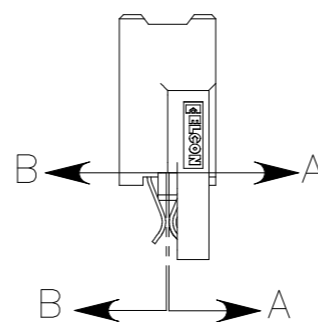
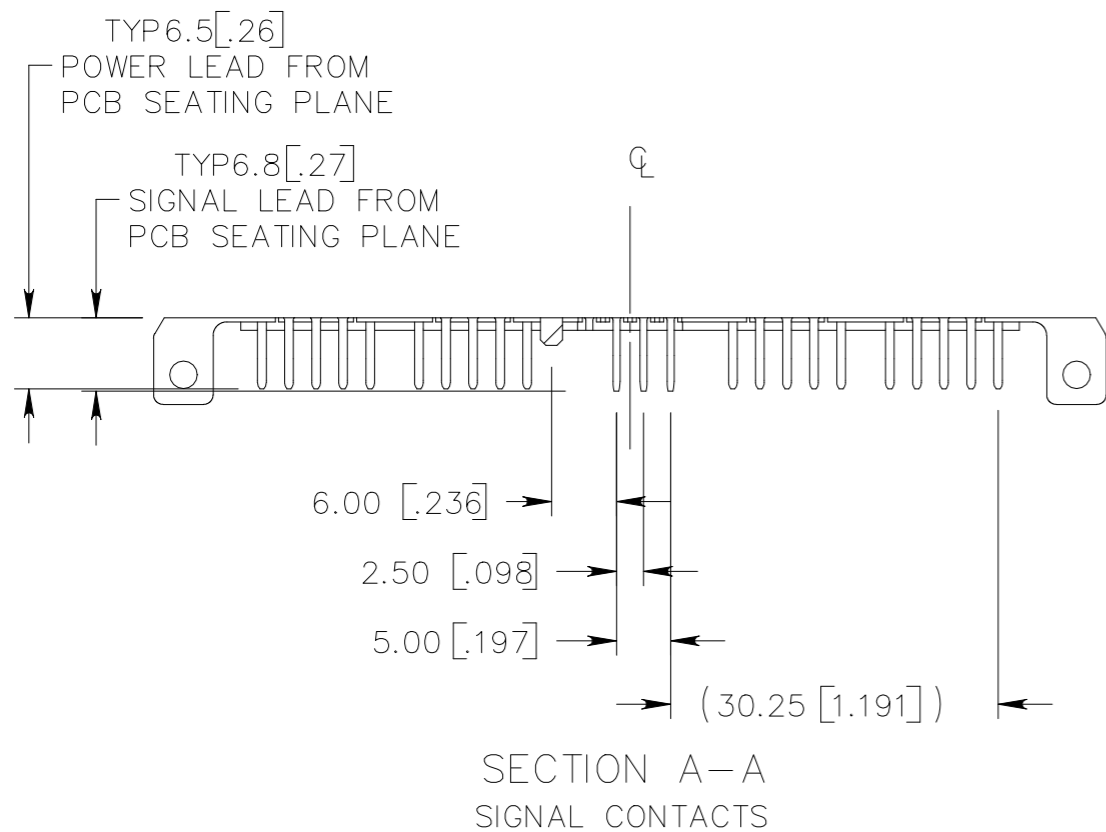
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU CHK -	01DEC2020	TE Connectivity NAME CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± - 4 PLC ± - ANGLES ± 2.0			
MATERIAL -		FINISH -		APPLICATION SPEC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

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



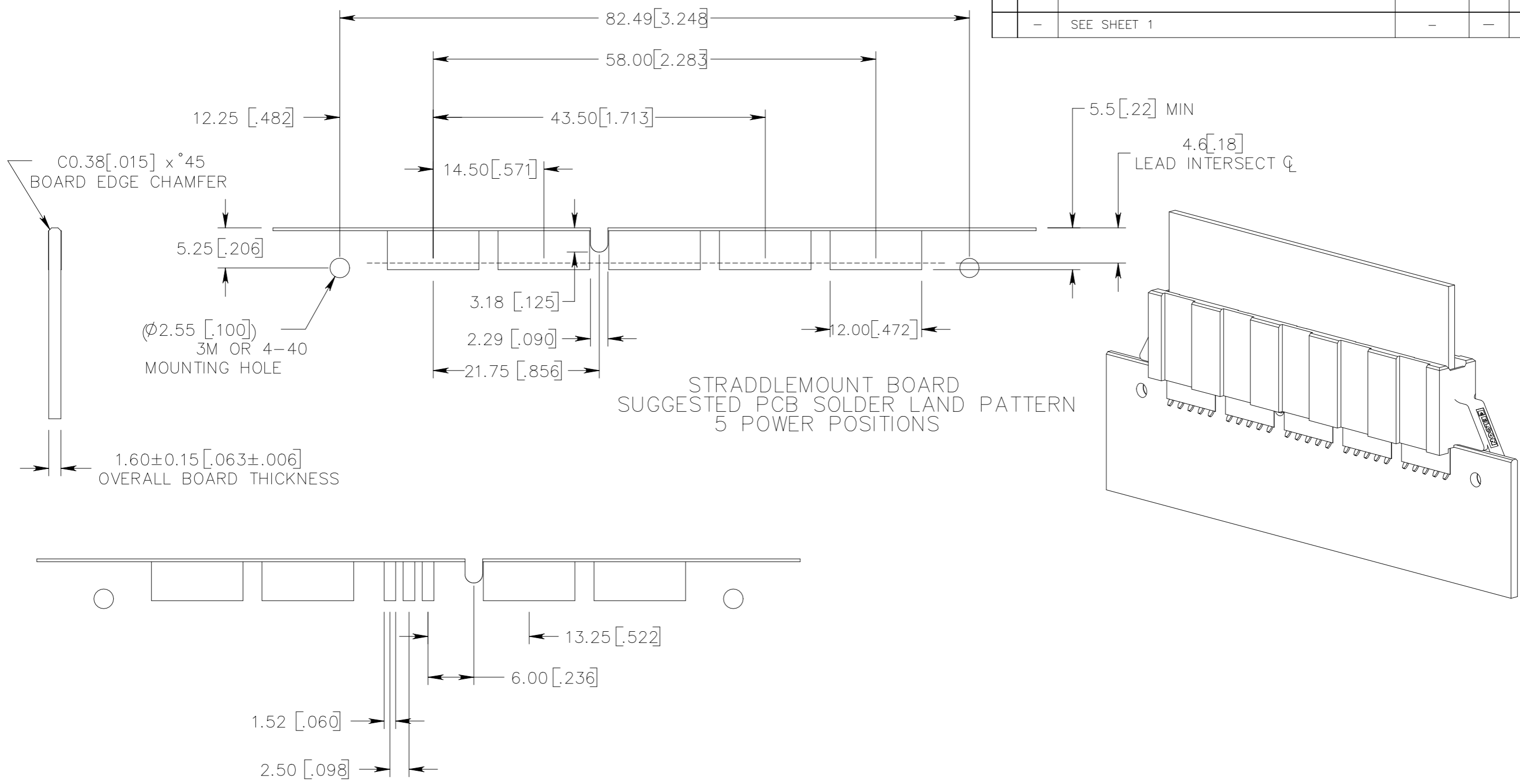
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU 01DEC2020	 TE Connectivity				
DIMENSIONS: mm		CHK -				NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 01DEC2020	CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM				
0 PLC ± - 1 PLC ± 0.20 2 PLC ± 0.08 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		PRODUCT SPEC -	RESTRICTED TO				
MATERIAL -		FINISH -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200	
		WEIGHT -	CUSTOMER DRAWING		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	SIZE A3 CAGE CODE 00779 DRAWING NO C-1766200		
0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± - 4 PLC ± - ANGLES ± 2.0		PRODUCT SPEC -			
MATERIAL -		FINISH -	SCALE 2:1 SHEET 3 OF 5 REV 1		
		WEIGHT -			

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

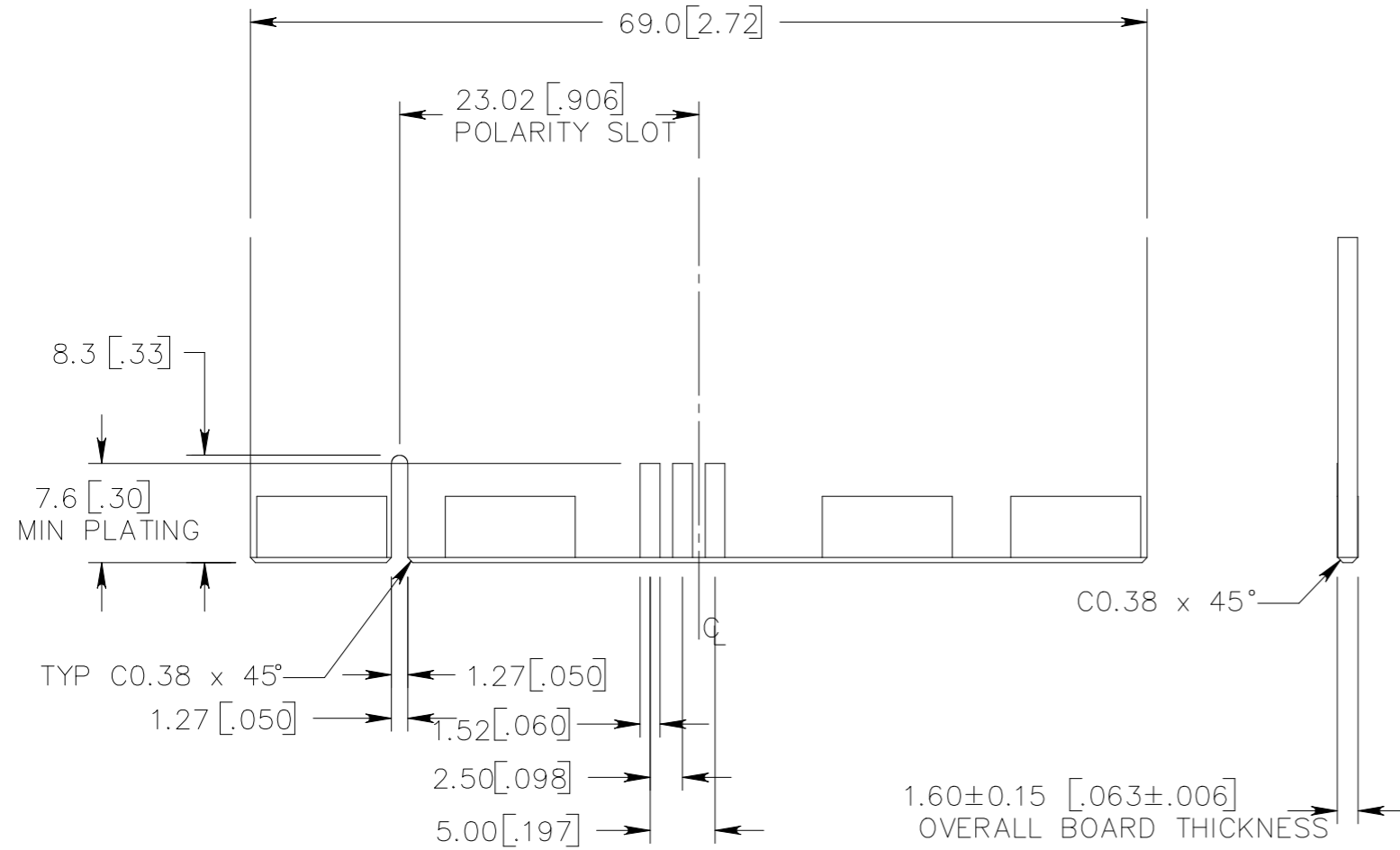


STRADDLE MOUNT BOARD  
SUGGESTED PCB SOLDER LAND PATTERN  
5 POWER POSITIONS

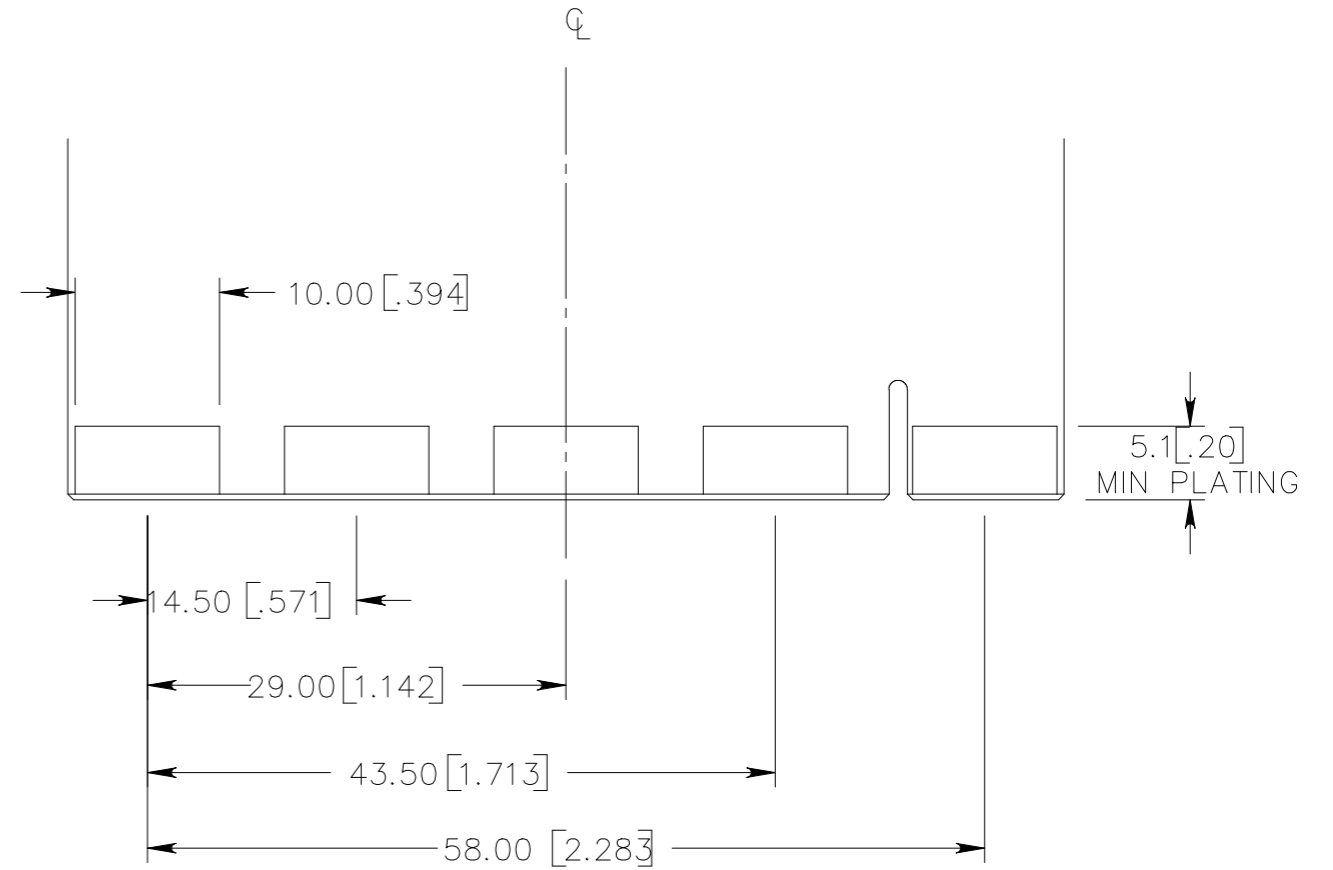
STRADDLE MOUNT BOARD  
SUGGESTED PCB SOLDER LAND PATTERN  
4 POWER & 3 SIGNAL POSITIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RICHARD YU 01DEC2020	 <b>TE Connectivity</b>				
DIMENSIONS: mm		CHK -					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 01DEC2020	NAME				
<ul style="list-style-type: none"> <li>0 PLC ± -</li> <li>1 PLC ± 0.20</li> <li>2 PLC ± 0.08</li> <li>3 PLC ± -</li> <li>4 PLC ± -</li> <li>ANGLES ± 2.0</li> </ul>		PRODUCT SPEC -	CROWN EDGE STRADDLE P4S2, POLARITY KEY 23 MM				
MATERIAL -		FINISH -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200	RESTRICTED TO E
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				
<ul style="list-style-type: none"> <li>0 PLC ± -</li> <li>1 PLC ± 0.20</li> <li>2 PLC ± 0.08</li> <li>3 PLC ± -</li> <li>4 PLC ± -</li> <li>ANGLES ± 2.0</li> </ul>		PRODUCT SPEC -	RESTRICTED TO				
MATERIAL -		FINISH -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779	DRAWING NO C-1766200	E
CUSTOMER DRAWING			WEIGHT 0	SCALE 2:1	SHEET 5 OF 5	REV 1	