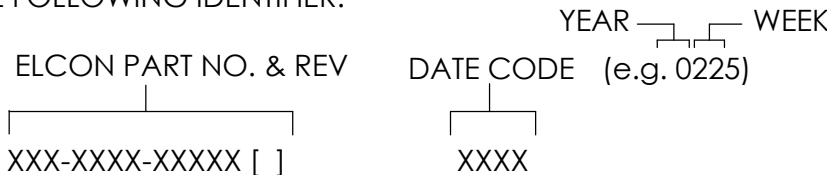


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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0211-04	A	INITIAL RELEASE DRAWING (PREVIOUSLY ESK-1692) ADDED INTEGRAL MOLDED POLARITY KEYS, OUTER/INNER	05/27/04
0S1Q-0320-04	B	CHG SOLDER LEAD GEOMETRY AND INCR LEAD LENGTH CHG ELCON PN TO 284-0472-15000B, WAS 284-0472-05000A	09/02/04
0S1Q-0360-04	C	RMV SIGNAL CONTACT NEAREST MOUNTING ALIGN FEATURE	10/18/04
0S1Q-0052-05	D	CHANGE TO REMAIN IN LINE WITH ASSEMBLY REVISION	02/23/05

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 $\pm 1.02[.040]$ 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.

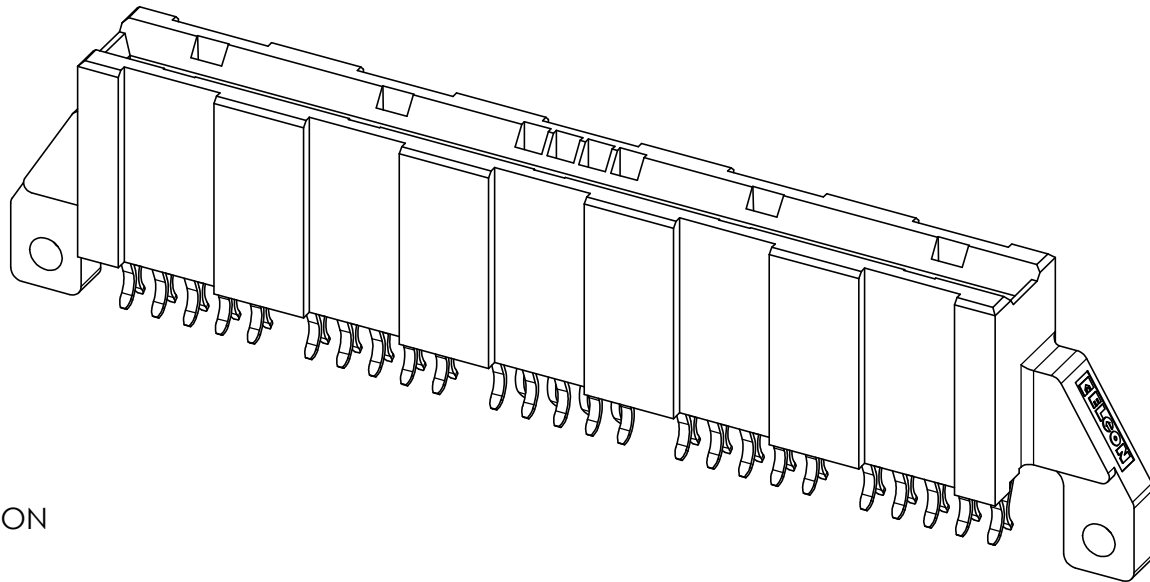
4. A REFERENCE DIMENSION (.XXX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION PURPOSES ONLY.

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.

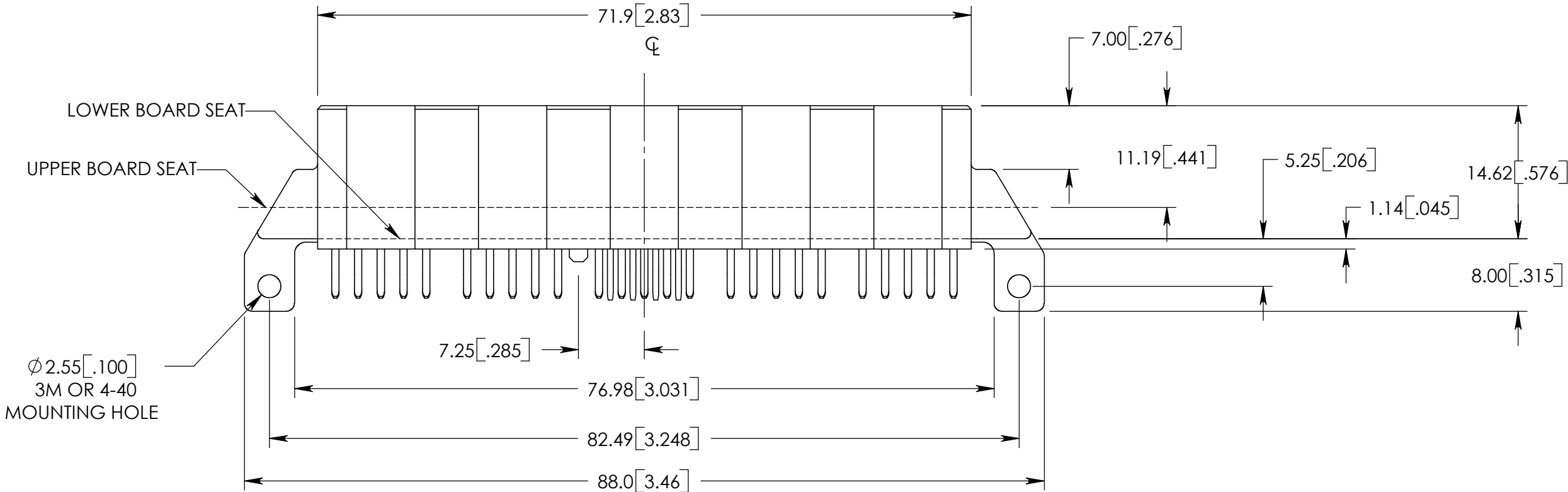
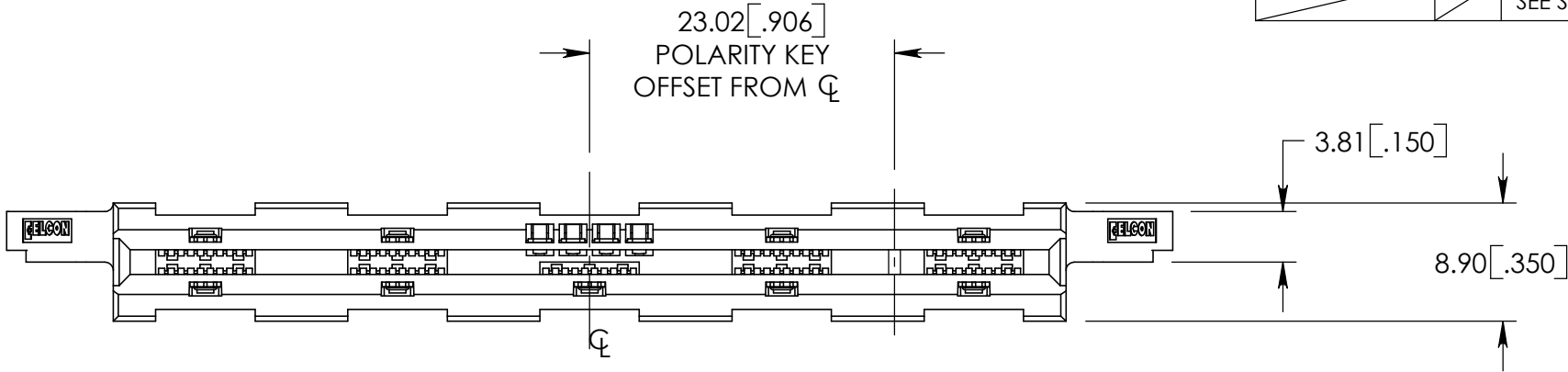
NOTES: UNLESS OTHERWISE SPECIFIED



↔ MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH] TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.13 [.005] .X ± 0.25 [.01]	DRAWN R. Larsen	DATE 05/25/04	tyco Electronics Tyco Electronics Corporation Menlo Park, CA 94025 ELCON		
	CHECKED		TITLE CROWN EDGE STRADDLEMOUNT CONNECTOR P4S2, POLARITY KEY 23 MM RT PN 284-0472-15000D (TIN PLATED LEADS) PN 284-0472-00900 (PRE-PRODUCTION)		
	APPROVED		SIZE B	DWG NUMBER C = 1766200	REV. D
	APPROVED D. CHAU	02/23/05			
	DCA APPROVED M. ALIM	02/24/05			
FILE NAME SC1766200D.SLDDRW	DWG SCALE: 2 = 1		SH 1 OF 5		

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

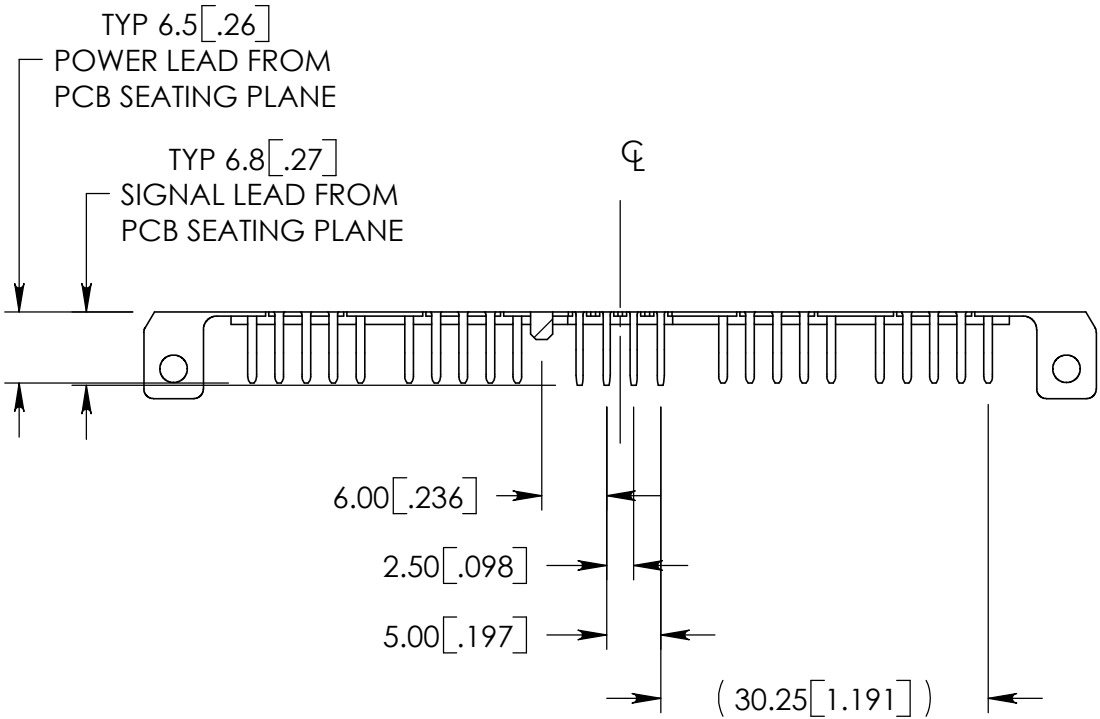


← MM INCH → OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH] TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.08 [.003] .X ± 0.2 [.008]	DRAWN R. Larsen	DATE 05/25/04	Tyco Electronics Corporation Menlo Park, CA 94025	
	CHECKED		TITLE CROWN EDGE STRADDLEMOUNT CONNECTOR P4S2, POLARITY KEY 23 MM RT PN 284-0472-15000D (TIN PLATED LEADS) PN 284-0472-00900 (PRE-PRODUCTION)	
	APPROVED			
	APPROVED D. CHAU	02/23/05		
	DCA APPROVED M. ALIM	02/24/05	SIZE B	DWG NUMBER C 1766200
FILE NAME SC1766200D.SLDDRW		DWG SCALE: 2 = 1		SH 2 OF 5

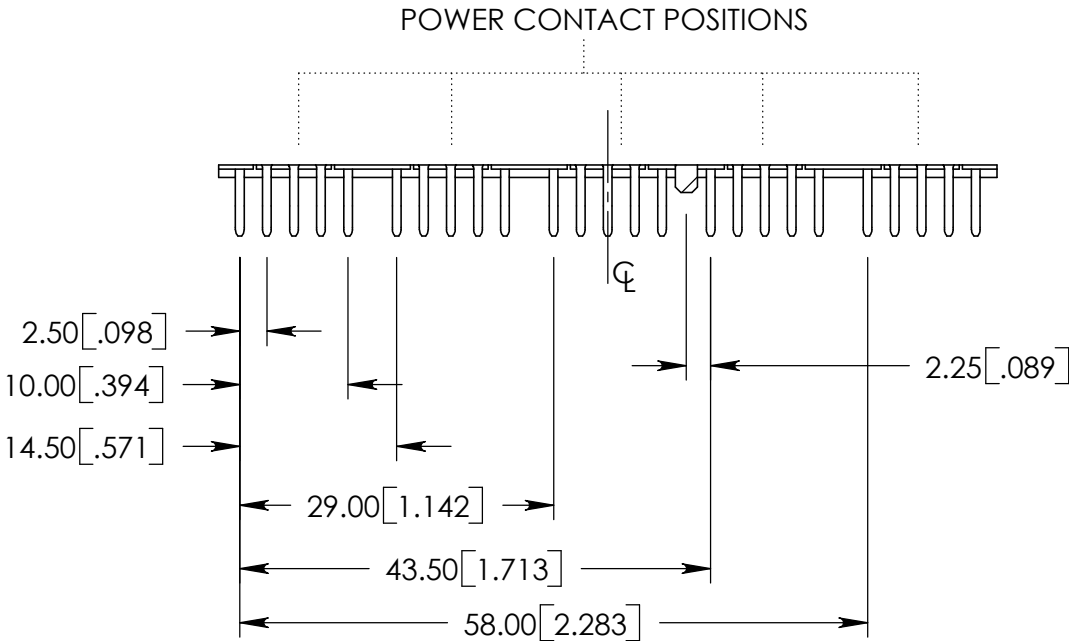
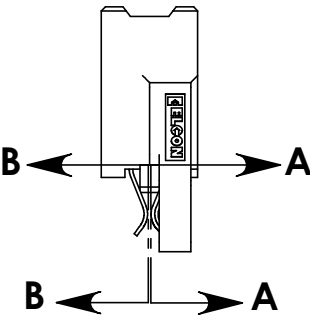
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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

B



SECTION A-A
SIGNAL CONTACTS



SECTION B-B
POWER CONTACTS

A

← MM INCH → OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH] TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.13 [.005] .X ± 0.25 [.01]	DRAWN R. Larsen	DATE 05/25/04	Tyco Electronics Corporation Menlo Park, CA 94025		
	CHECKED		TITLE CROWN EDGE STRADDLEMOUNT CONNECTOR P4S2, POLARITY KEY 23 MM RT PN 284-0472-15000D (TIN PLATED LEADS) PN 284-0472-00900 (PRE-PRODUCTION)		
	APPROVED				
	APPROVED D. CHAU	02/23/05			
	DCA APPROVED M. ALIM	02/24/05	SIZE B	DWG NUMBER C 1766200	REV D
FILE NAME SC1766200D.SLDDRW		DWG SCALE: 1.5 = 1		SH 3 OF 5	

4

3

2

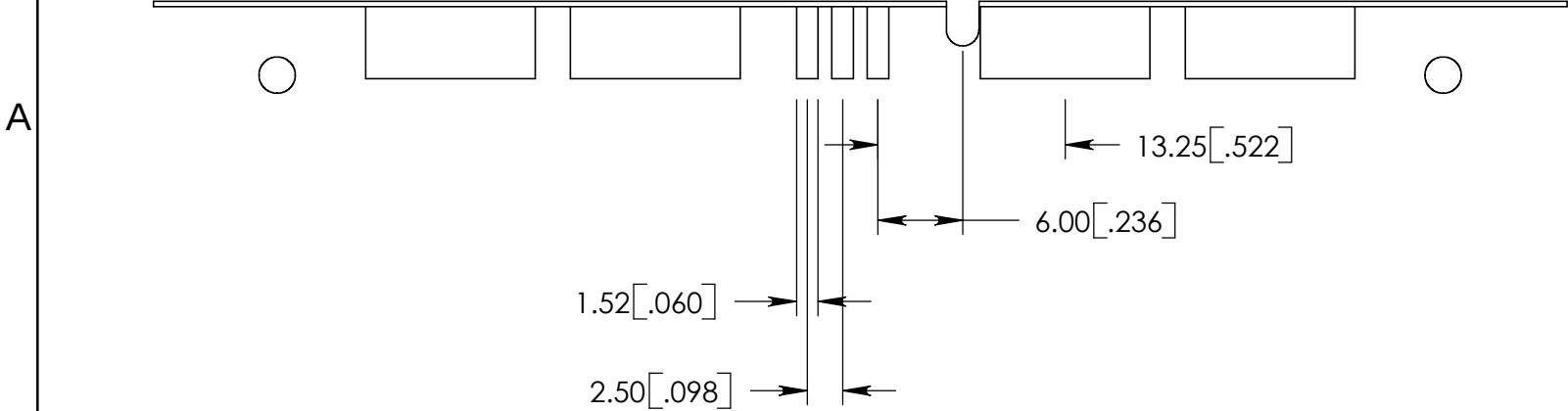
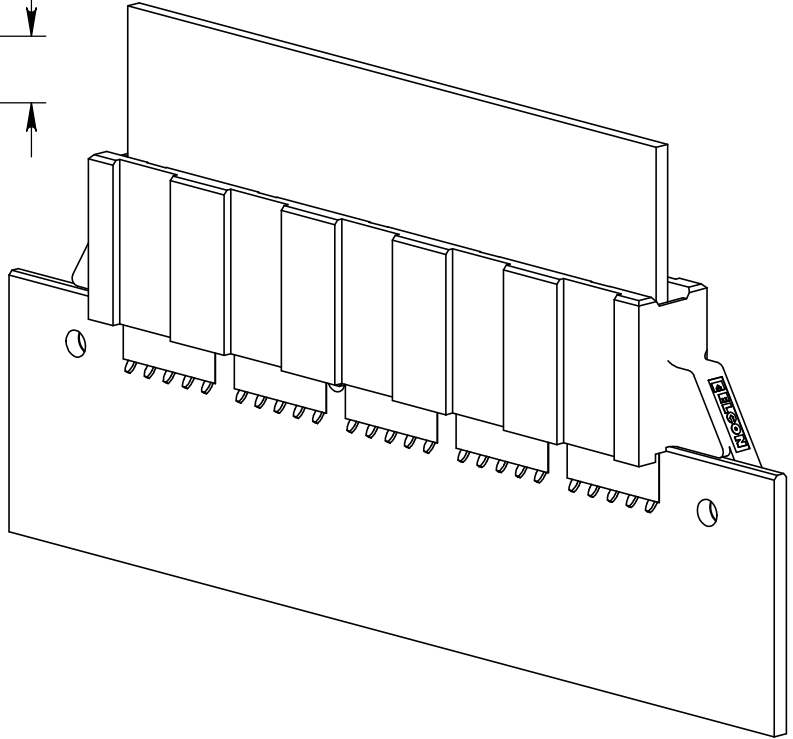
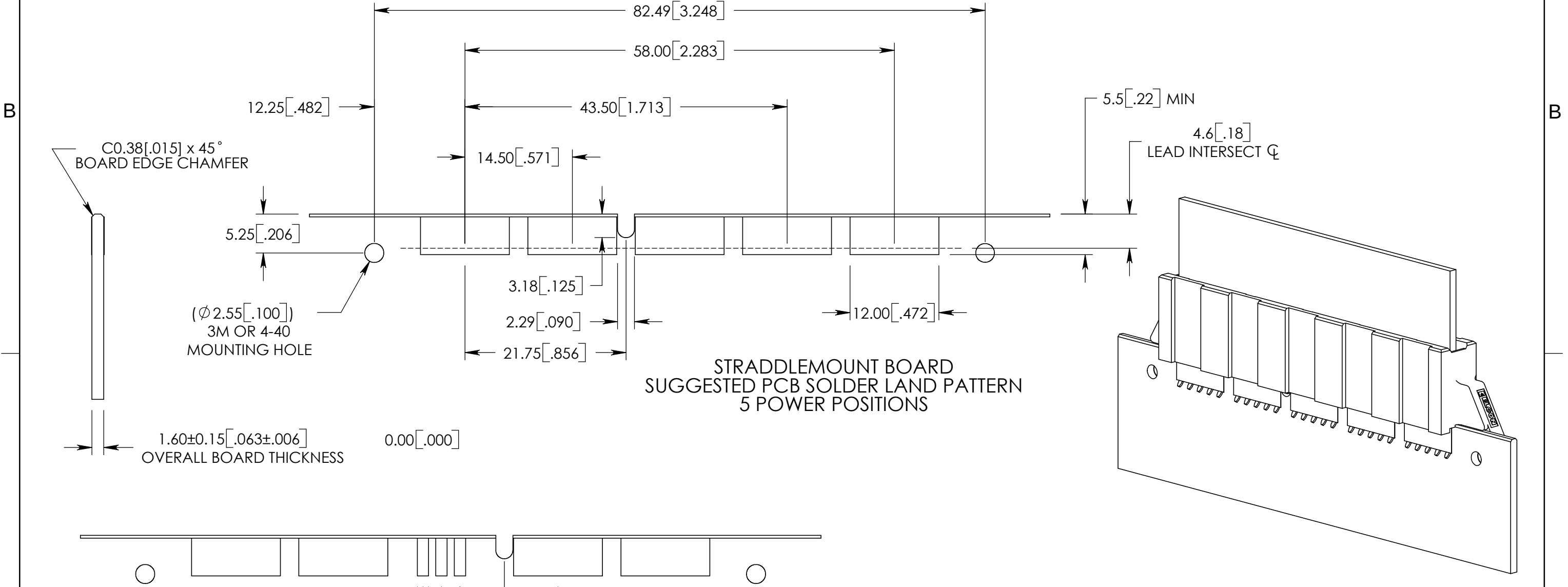
1

B

A

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



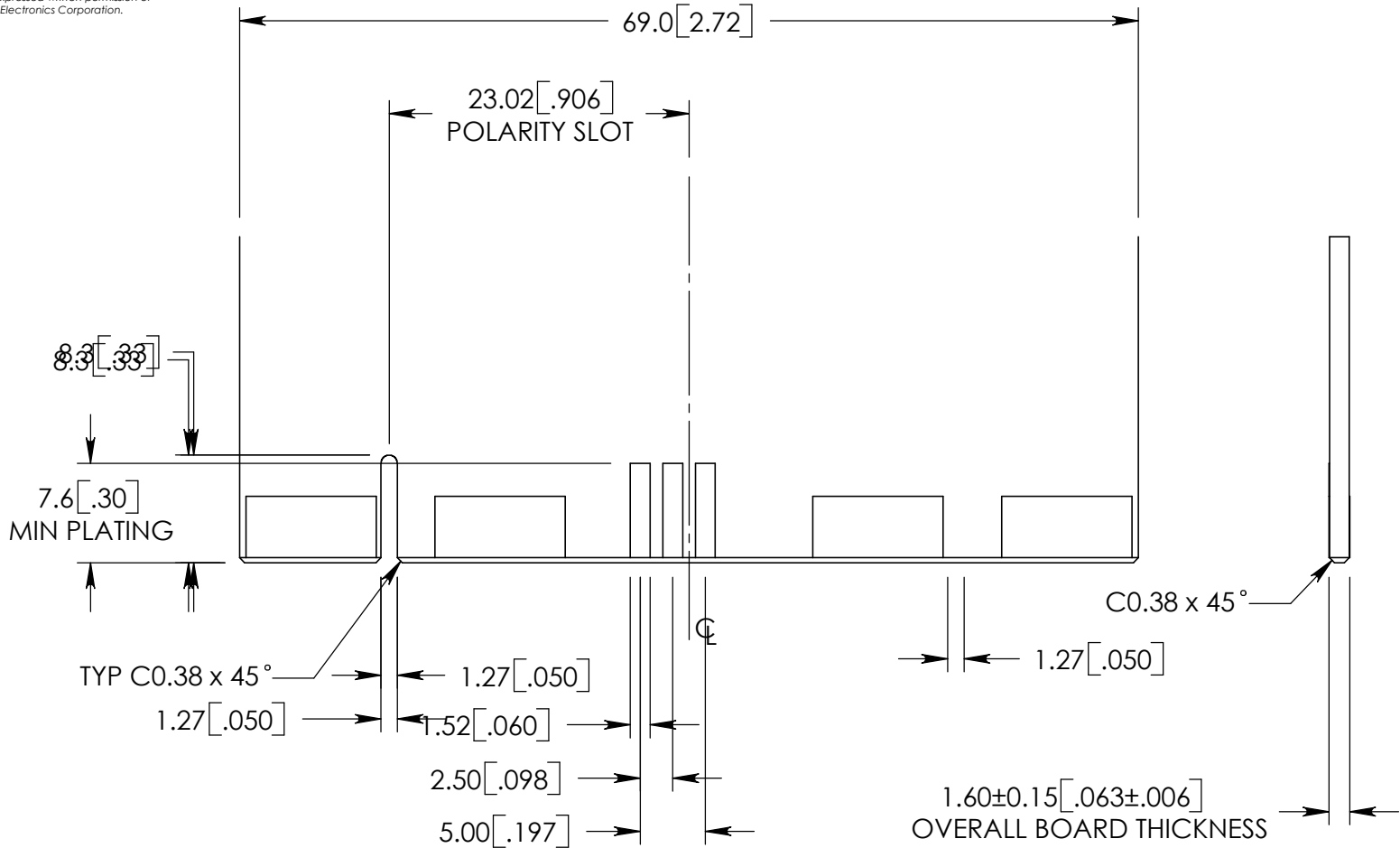
← MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH] TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.08 [.003] .X ± 0.2 [.008]	DRAWN R. Larsen	DATE 05/25/04	tyco Electronics Tyco Electronics Corporation Menlo Park, CA 94025 ELCON	TITLE CROWN EDGE STRADDLEMOUNT CONNECTOR P4S2, POLARITY KEY 23 MM RT MOUNTING PCB SOLDER LAND GUIDELINES	
	CHECKED		SIZE B		DWG NUMBER C 1766200
	APPROVED		REV D		
	APPROVED D. CHAU	02/23/05	FILE NAME SC1766200D.SLDDRW		DWG SCALE: 2 = 1
	DCA APPROVED M. ALIM	02/24/05	SH 4 OF 5		

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

B

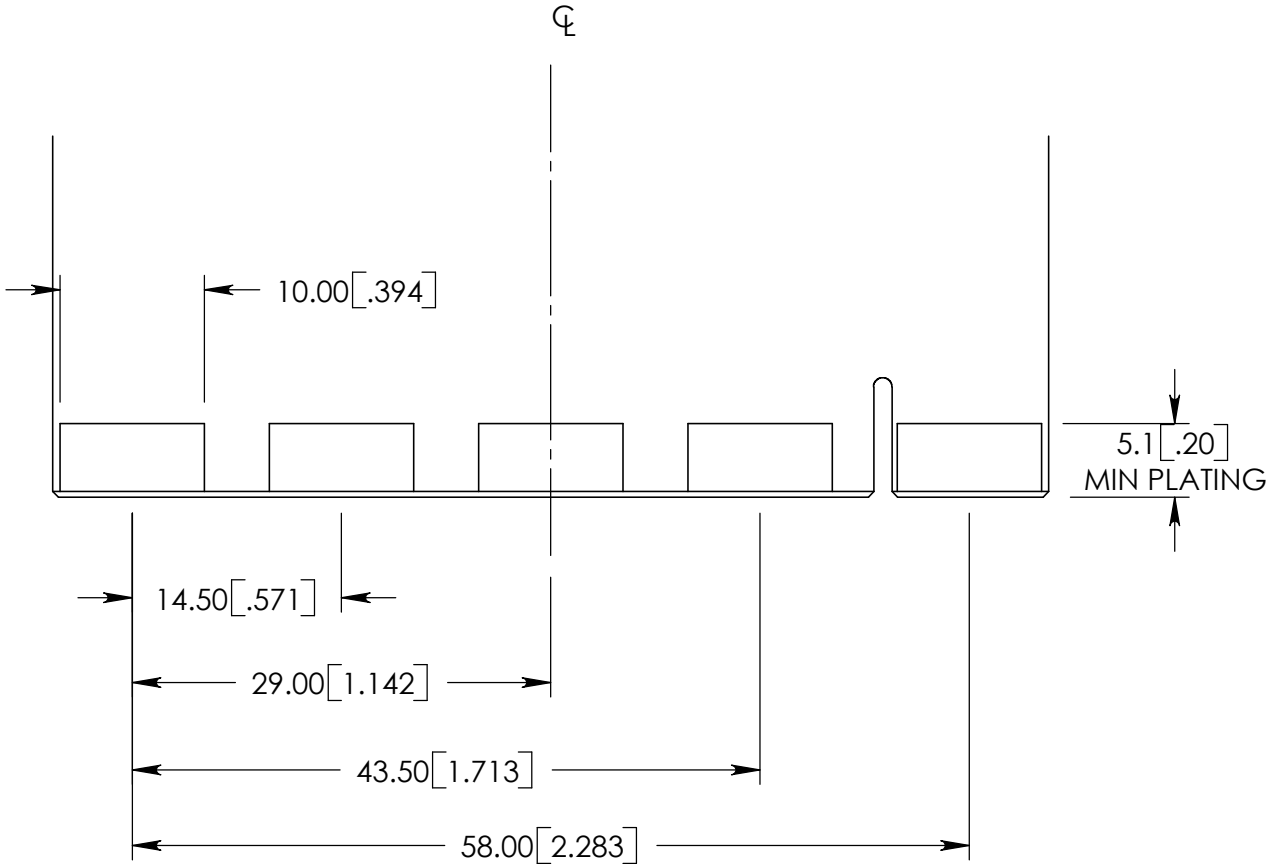
A



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

B

A



MATING BOARD
SUGGESTED PCB CONTACT LAND PATTERN
5 POWER POSITIONS

← MM INCH → OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCH] TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.08 [.003] .X ± 0.2 [.008]	DRAWN R. Larsen	DATE 05/25/04	 Tyco Electronics Corporation Menlo Park, CA 94025		
	CHECKED		TITLE CROWN EDGE STRADDLEMOUNT CONNECTOR P4S2, POLARITY KEY 23 MM RT MATING PCB CONTACT LAND GUIDELINES		
	APPROVED				
	APPROVED D. CHAU	02/23/05			
	DCA APPROVED M. ALIM	02/24/05	SIZE B	DWG NUMBER C = 1766200	REV D
FILE NAME	SC1766200D.SLDDRW		DWG SCALE: 2 = 1	SH 5 OF 5	

4

3

2

1



**Стандарт
Электрон
Связь**

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Электронная почта: sales@st-electron.ru

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