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REVISIONS

EC	REV	DESCRIPTION	DATE
0S1Q-0064-05	A	NEW RELEASE	03/07/05

NOTES: UNLESS OTHERWISE SPECIFIED;

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

2. MATERIALS:

INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK, UL94V-0 FLAMMABILITY RATED.

SOLDER SIGNAL PIN: BRASS ALLOY.

POWER CONTACTS: PHOSPHOR-BRONZE ALLOY.
COPPER ALLOY.

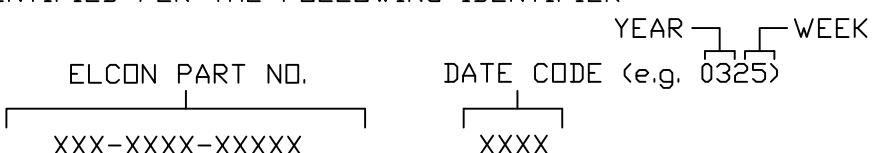
CROWN BANDS: BERYLLIUM-COPPER ALLOY.

3. FINISHES:

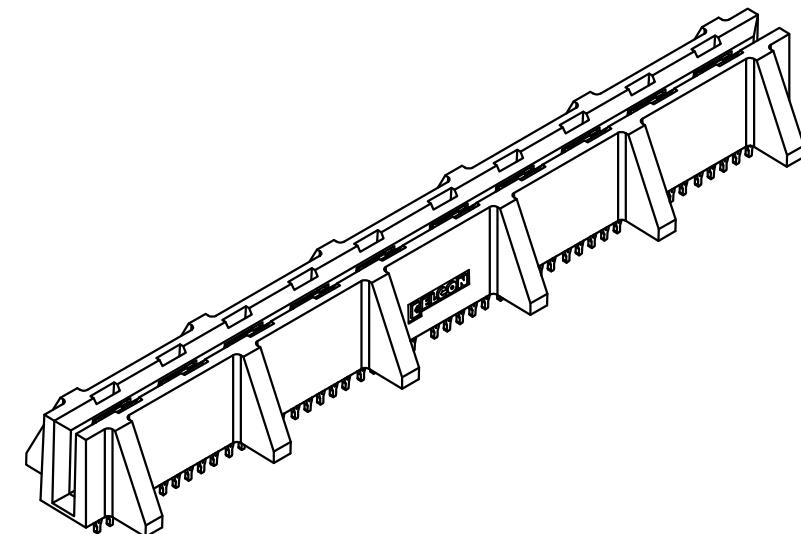
CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THK, OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THK. SOLDER TAILS, TIN/LEAD (90/10) PER ASTM B 545, .000100" MIN. THICK.

4) SOCKET CONNECTORS ACCEPT 1.60 [.062"] ±10% THK PC BOARD.

5) ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



6) POSITION P2, P3, P6, P7, AND P10 ARE UNPOPULATED.

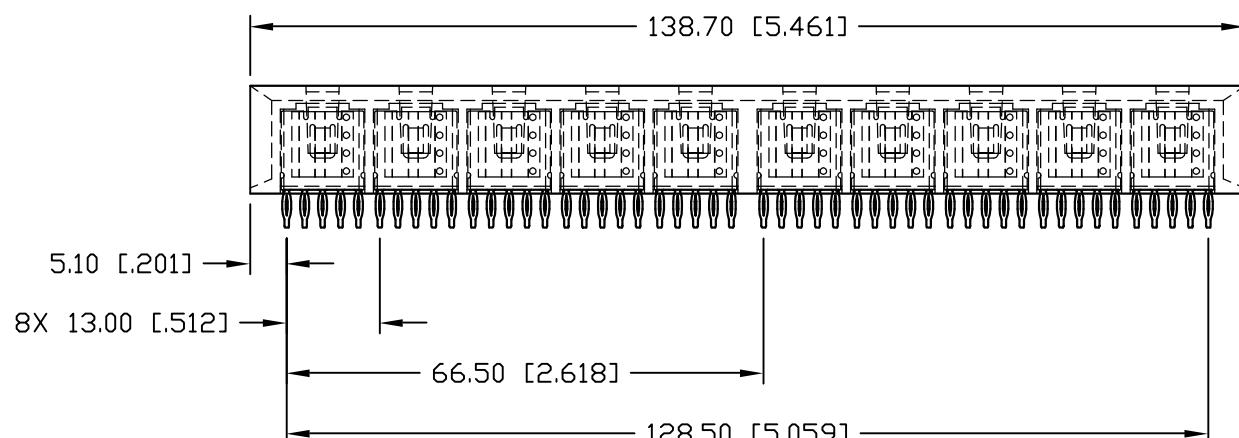
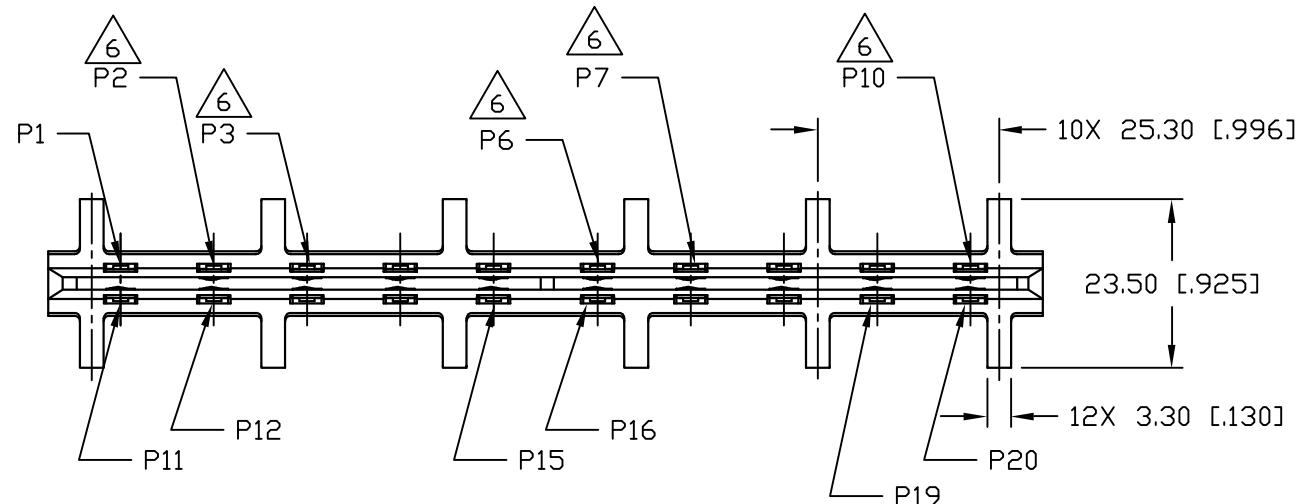
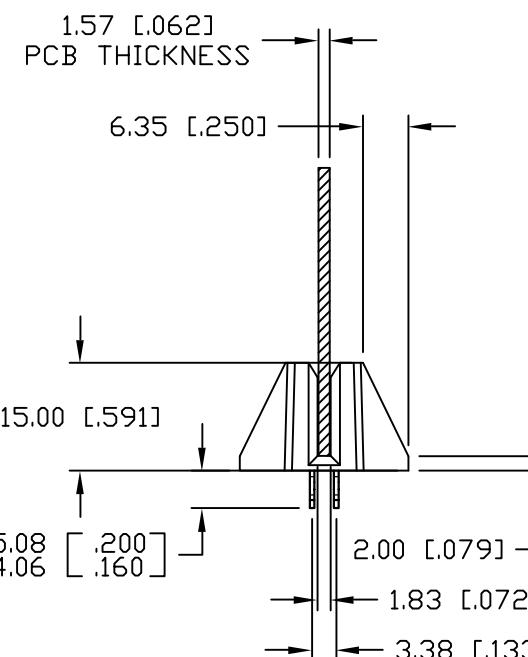


 THIRD ANGLE PROJECTION	DRAWN	DATE	 tyco Electronics	TITLE CONNECTOR, SOCKET SIDE ENTRY, CROWN EDGE PN: 284-0542-01302
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		SIZE B	DWG NUMBER C = 1766611
	APPROVED			
TOLERANCES ANGLES ± .5°	APPROVED		REV. A	
	D. CHAU	03/07/05		
DECIMALS .XX ± .25 [.010]	DCA APPROVED		DWG SCALE 1 = 1	SH 1 OF 3
	M. ALIM	03/14/05		
ACAD FILE NUMBER C1766611A.DWG				

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REVISIONS

EC	REV	DESCRIPTION	DATE
SEE SHEET 1			

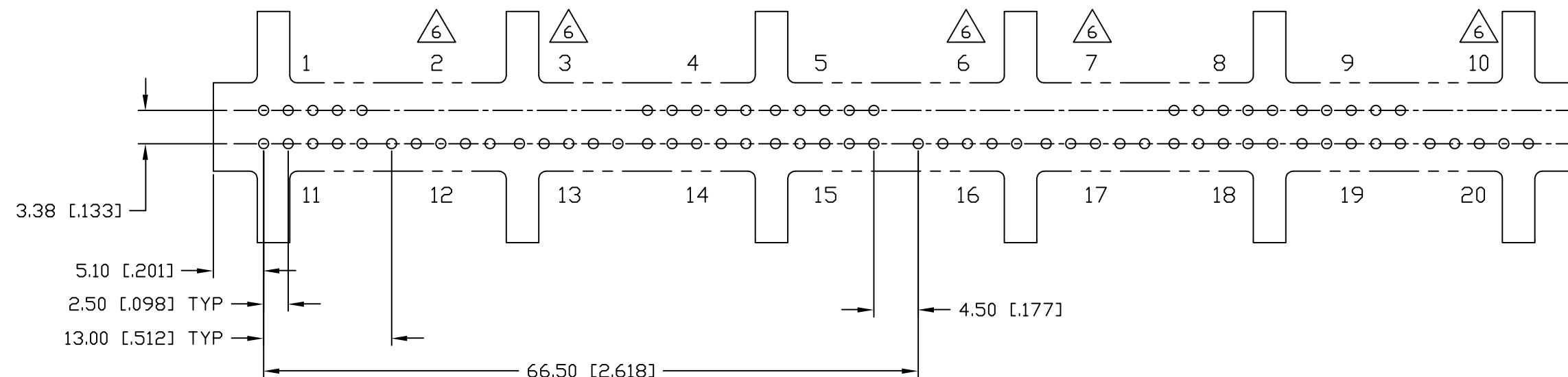


 THIRD ANGLE PROJECTION	DRAWN	DATE	 Tyco Electronics
	CHECKED	11/29/04	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	03/07/05	
.XX $\pm .25$ [.010]	DCA APPROVED		
.X $\pm .5$ [.020]	M. ALIM	03/14/05	
	ACAD FILE NUMBER	C1766611A.DWG	
			DWG SCALE 1=1 SH 2 OF 3

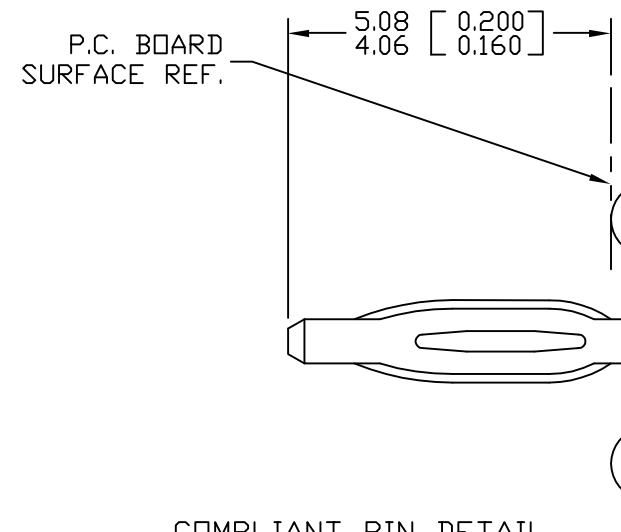
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REVISIONS

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		SEE SHEET 1	SEE SHEET 1

SUGGESTED PCB LAYOUT

SCALE 2=1

RECOMMENDED PRINTED CIRCUIT HOLEFINISHED HOLE: $\varnothing 1.02$ [0.040] $\pm .08$ [0.003]DRILLED HOLE: $\varnothing 1.15$ [0.0453] $\pm .013$ [0.005]

COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)

COMPLIANT PIN DETAIL

SCALE: 10 : 1

INSERTION/EXTRACTION FORCES

MAXIMUM PUSH IN: 133.3N PER PIN

[30 LBS]

MINIMUM PUSH OUT: 44.4N PER PIN

[10 LBS]

 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	DRAWN	DATE	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
 APPROVED	APPROVED		ELCON	TITLE USER INFORMATION COMPLIANT TAIL TERMINATION AND PCB LAYOUT
	APPROVED			
 DECIMALS .XX $\pm .25$ [.010]	D. CHAU	03/07/05	ELCON	SIZE DWG NUMBER C = 1766611 REV. A
	DCA APPROVED M. ALIM	03/14/05		
ACAD FILE NUMBER			C1766611A.DWG	DWG SCALE 1=1 SH 3 OF 3

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1766611-1](#)