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REVISIONS			
EC	REV	DESCRIPTION	DATE
EC0-17-008524	A1	CLARIFY THE P/N AND LOGO	06/13/17

9. ELCON LOGO IS OPTIONAL

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

TE PART NO. YEAR WEEK
XXXXXXX-X XXXX 0425

7. RECOMMENDED PRESSING FIXTURE:
FIX00001 FOR COMPLIANT APPLICATION IS AVAILABLE.
PLEASE CONSULT FACTORY.

6. EXAMPLE PCB CONFIGURATION.

5. THIS CONFIGURATION WITH 3-SEGMENT SIGNAL CONNECTOR IS SHOWN FOR REFERENCE ONLY.
COMBINATION OF MULTIPLE NUMBERS OF 2 AND 3 SEGMENT MODULES COULD BE USED PER USER PREFERENCE.
OVERALL COMBINATION SHOULD NOT EXCEED 8.0" IN LENGTH.

4. SOCKETS ACCEPT 1.6 [.062] ± 10% THICK PC BOARD.

3. FINISHES:

CONTACTS: SELECTIVE GOLD PER MIL-G-45204,
.000030" MIN. THK,
OVER NICKEL PER QQ-N-290

TERMINALS: SELECTIVE TIN PER ASTM B-545,
OVER NICKEL PER QQ-N-290

2. MATERIALS:

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

POWER CONTACTS: COPPER ALLOY

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

NOTES: UNLESS OTHERWISE SPECIFIED;

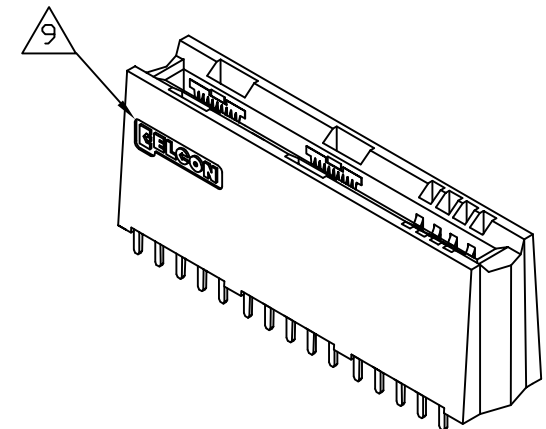
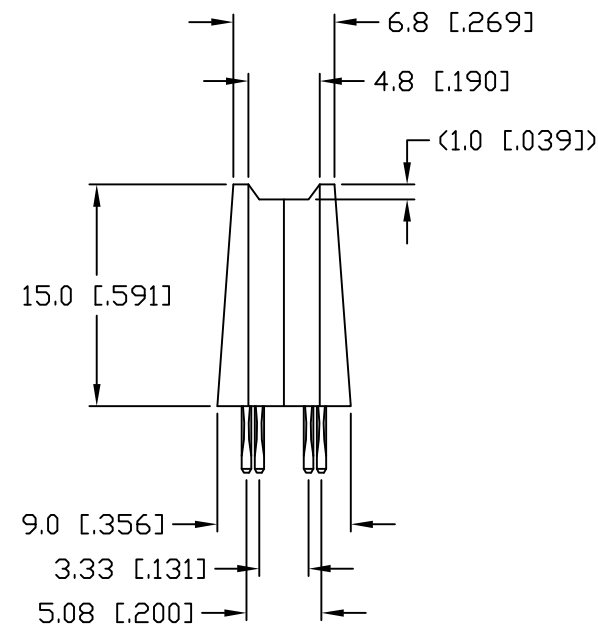
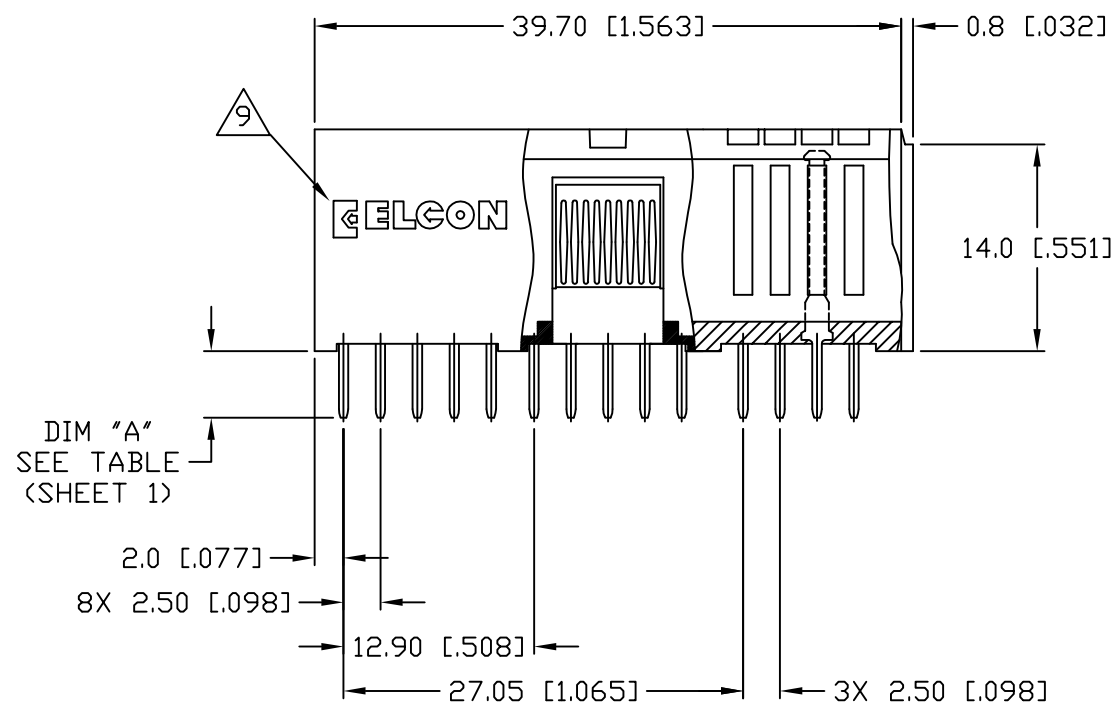
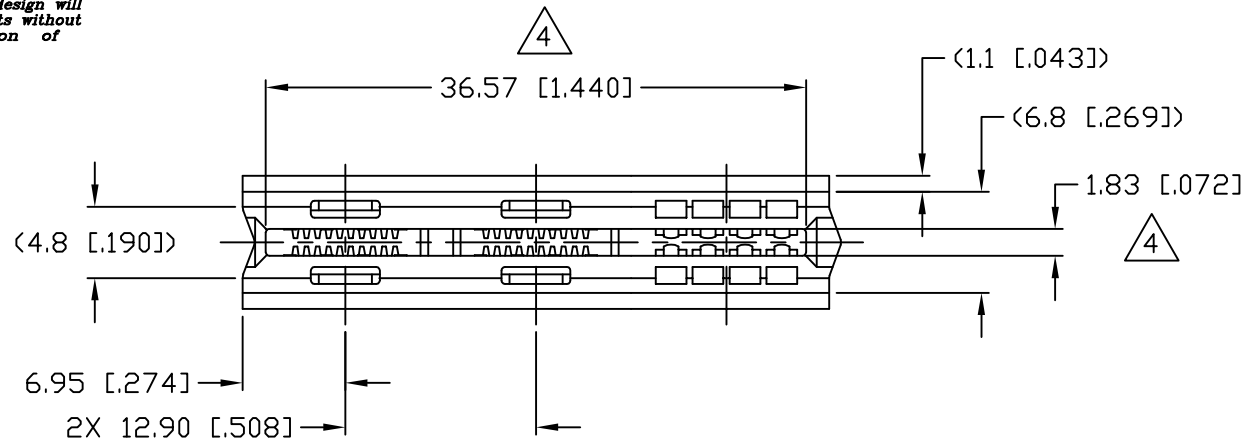
9. PART NUMBER INFORMATION

CONNECTOR	REFERENCE TE PN	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM "A"	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6651290-2	284-0112-12100	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6651290-3	284-0112-12300	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK
SOCKET	6651290-1	284-0112-11300	COMPLIANT TAIL	5.08 [.200] 4.06 [.160]	2.3 [.093] OR THICKER	1.6 [.062] THICK

← MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN HA NGUYEN	DATE 06/24/04	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWNEDGE PN: 284-0112-12100/284-0112-12300 PN: 284-0112-11300		
	APPROVED D. CHAU	06/25/04	SIZE B	DWG NUMBER C = 6651290	REV. A1
	DCA APPROVED M. ALIM	07/21/04			
ACAD FILE NUMBER C6651290A.DWG		DWG SCALE 2=1		SH 1 OF 5	

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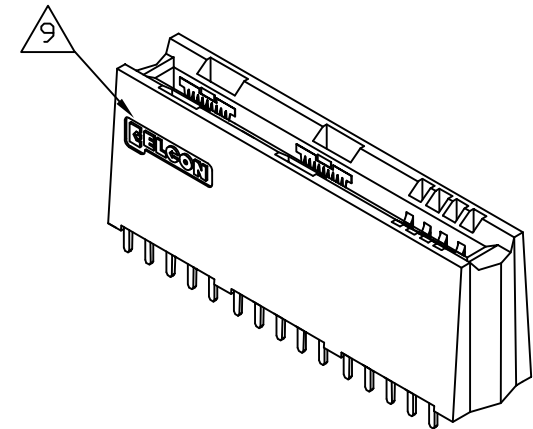
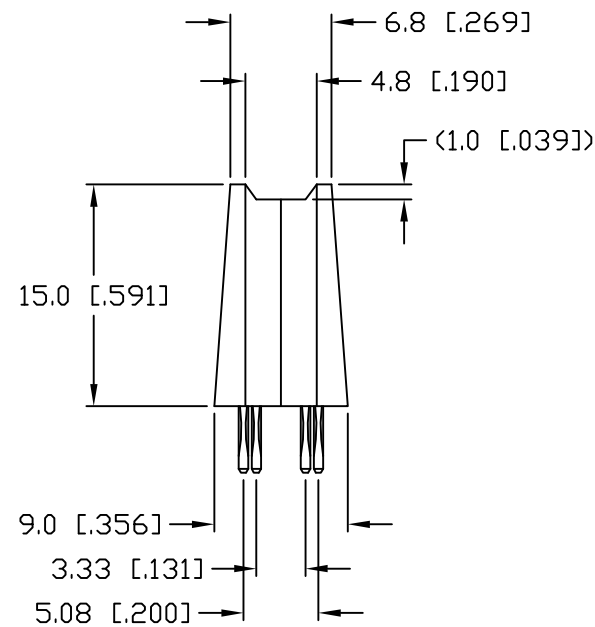
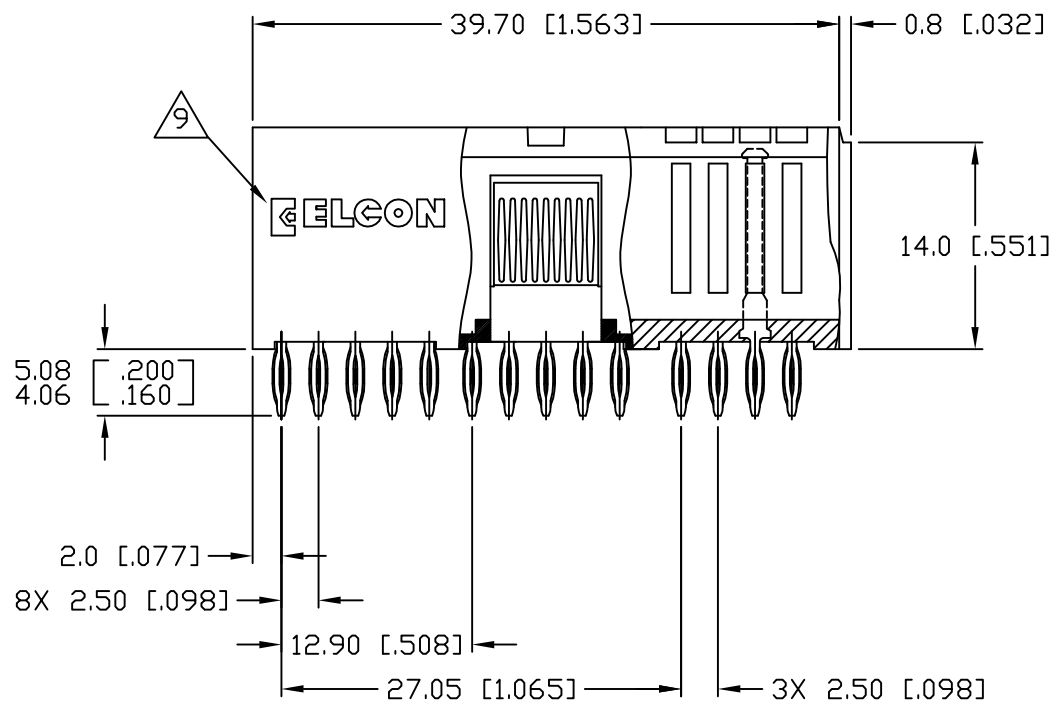
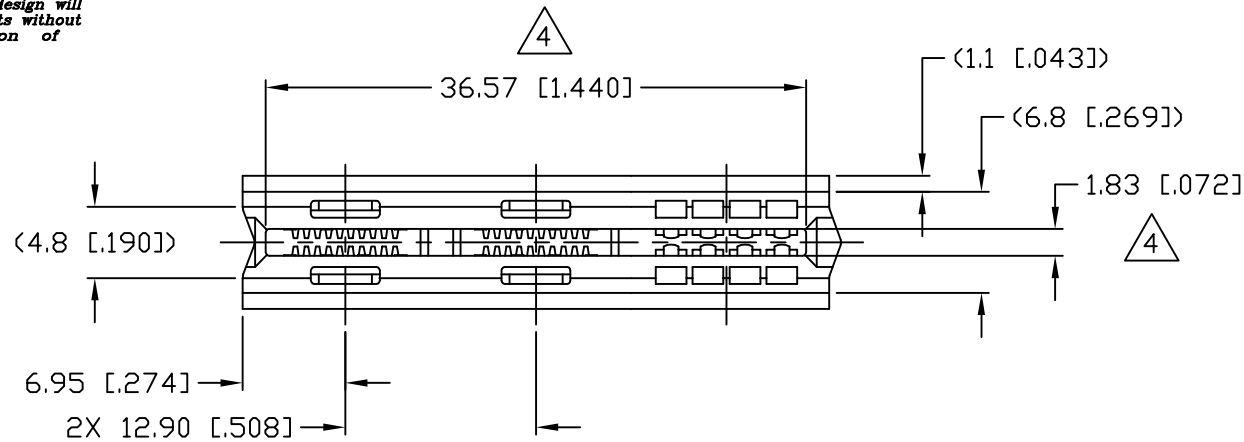
REVISIONS			
EC	REV	DESCRIPTION	DATE
SEE SHEET 1			



MM OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025	
	HA NGUYEN	06/24/04		
	CHECKED		TITLE	
	APPROVED		SOCKET CONNECTOR, 3 SEG, CROWNEDGE STRAIGHT, 4 POWER, 8 SIGNAL, SOLDER PN: 284-0112-12100/284-0112-12300	
	APPROVED		SIZE	DWG NUMBER
	D. CHAU	06/25/04	B	C = 6651290
	DCA APPROVED	07/21/04		REV. A1
ACAD FILE NUMBER C6651290A.DWG			DWG SCALE 2=1	SH 2 OF 5

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		SEE SHEET 1	

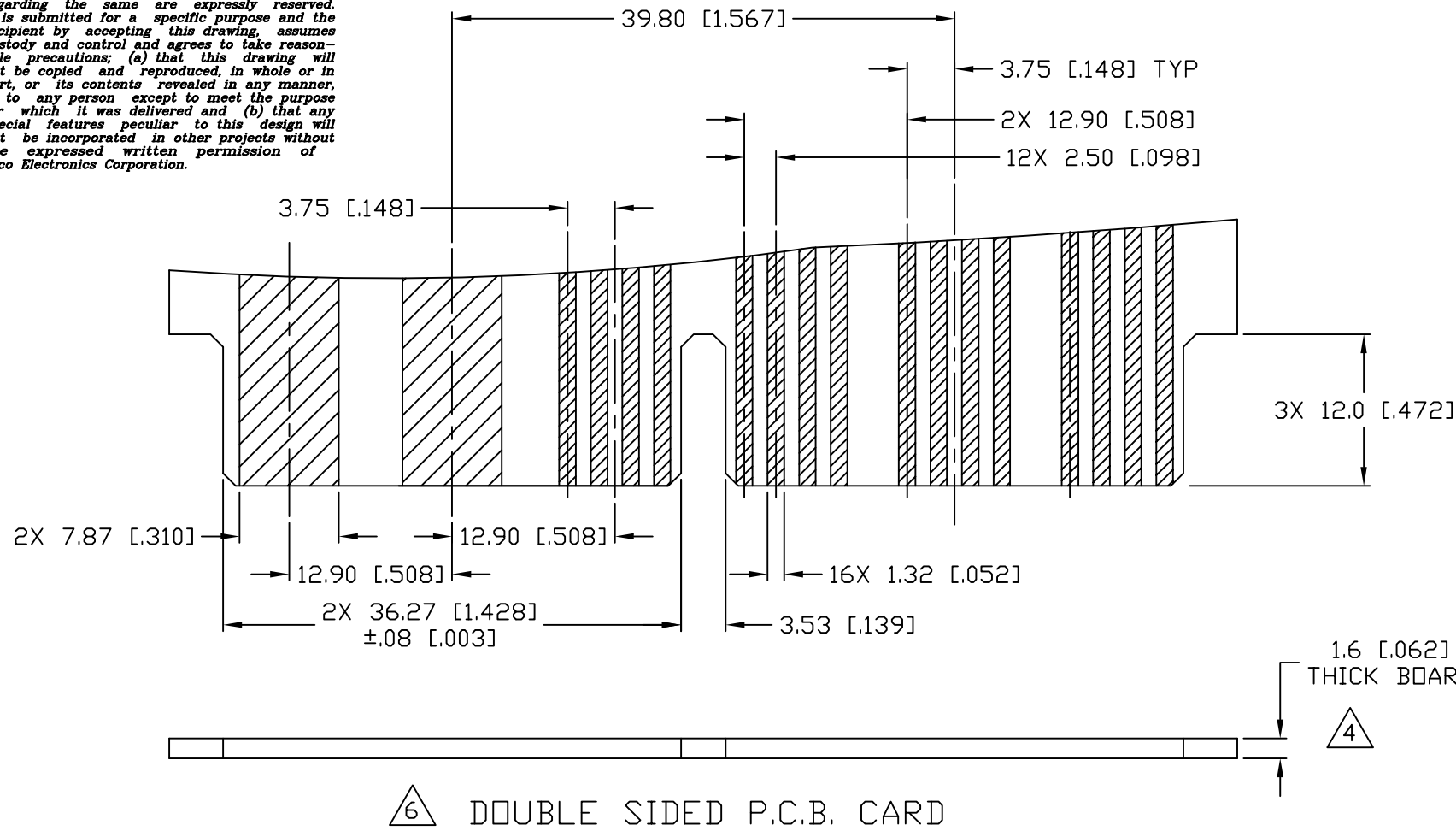


MM OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025	
	HA NGUYEN	06/24/04		
	CHECKED		TITLE	
	APPROVED		SOCKET CONNECTOR, 3 SEG, CROWNEDGE STRAIGHT, 4 PWR, 8 SIGNAL, COMPLIANT PN: 284-0112-11300	
	APPROVED		SIZE	DWG NUMBER
	D. CHAU	06/25/04	B	C = 6651290
	DCA APPROVED	07/21/04		REV. A1
ACAD FILE NUMBER		C6651290A.DWG		DWG SCALE 2=1 SH 3 OF 5

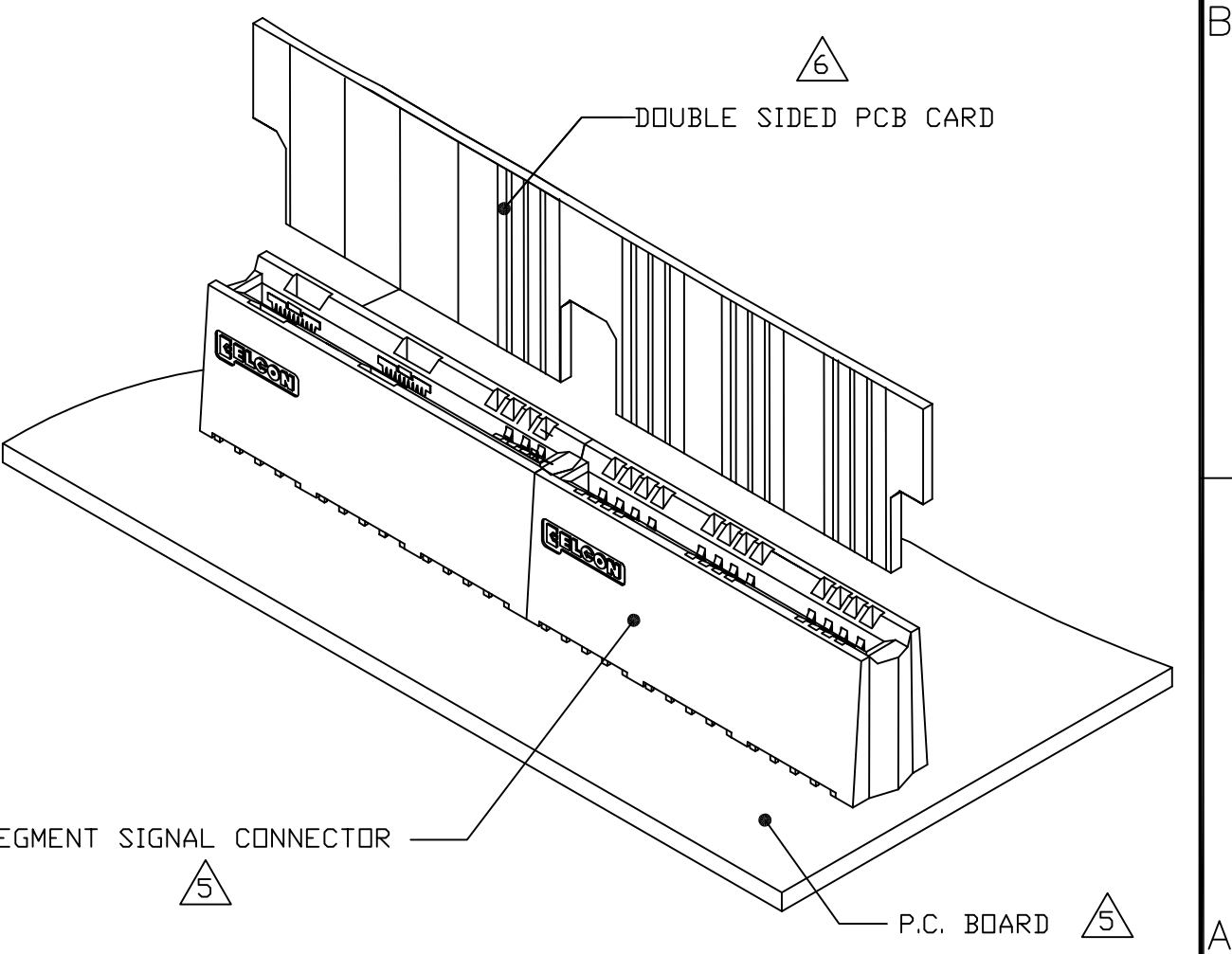
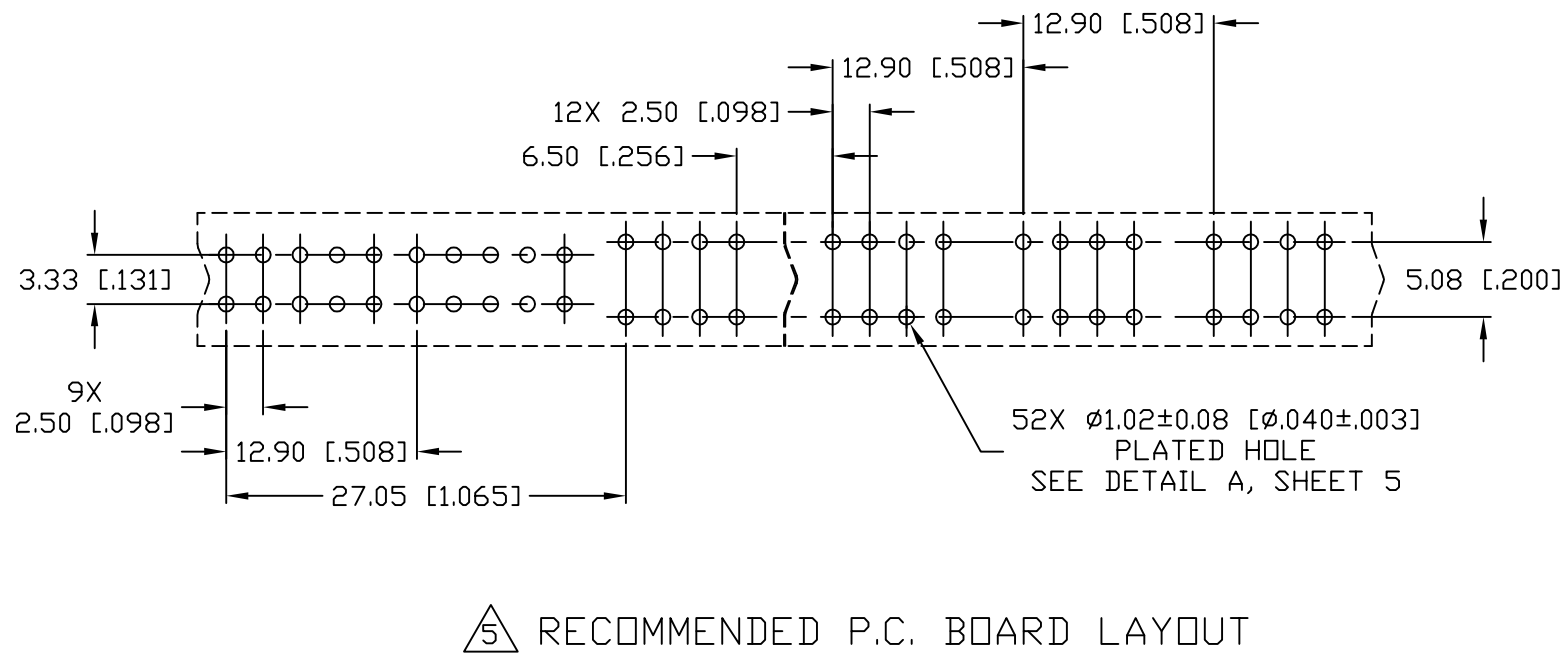
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SEE SHEET 1			

B



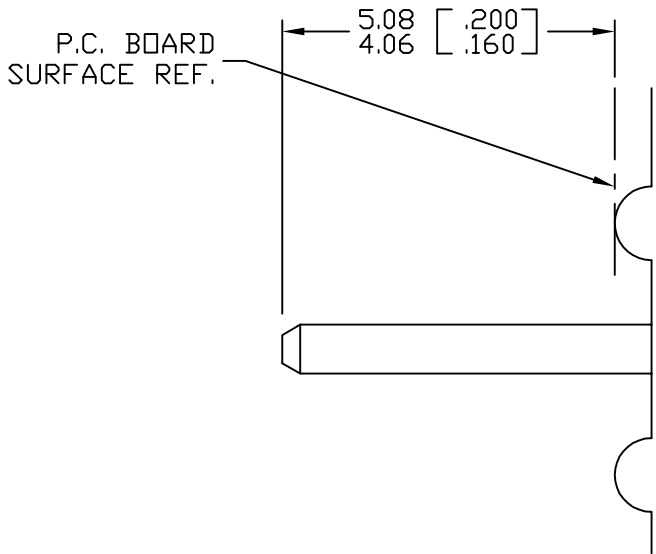
A



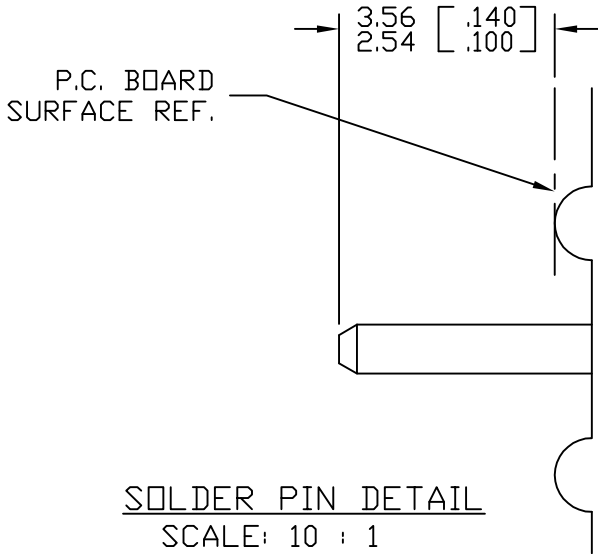
MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN HA NGUYEN	DATE 06/24/04	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON
	CHECKED		TITLE USER INFORMATION RECOMMENDED PC BOARD LAYOUT CROWNEDGE
	APPROVED		SIZE B
	APPROVED D. CHAU	06/25/04	DWG NUMBER C = 6651290
	DCA APPROVED M. ALIM	07/21/04	REV. A1
ACAD FILE NUMBER C6651290A.DWG			DWG SCALE 2=1 SH 4 OF 5

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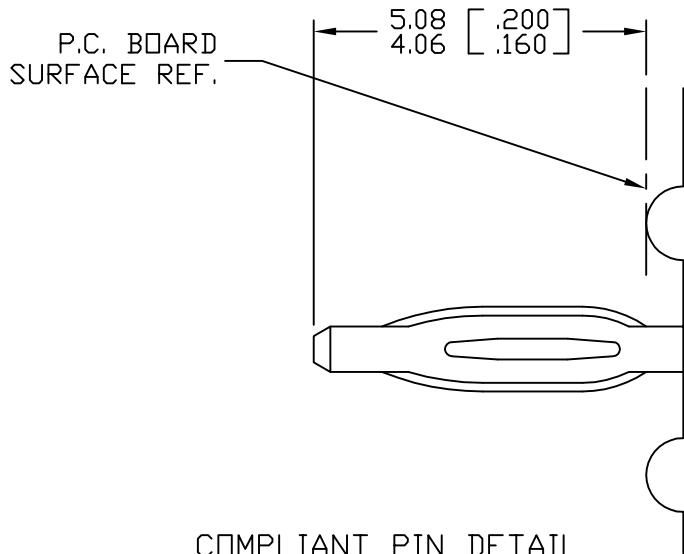
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SOLDER PIN DETAIL
SCALE: 10 : 1



SOLDER PIN DETAIL
SCALE: 10 : 1



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]

RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER OR COMPLIANT PRESS FIT
FINISHED HOLE: $\varnothing 1.02$ [.040] $\pm .08$ [.003]
DRILLED HOLE: $\varnothing 1.15$ [.0453] $\pm .013$ [.0005]
COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

DETAIL A

MM OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XX $\pm .25$ [.010] .X $\pm .5$ [.020]	DRAWN HA NGUYEN	DATE 06/24/04	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE USER INFORMATION SOLDER & COMPLIANT TERMINATION CROWNEDGE	
	APPROVED		SIZE B	DWG NUMBER C = 6651290
	APPROVED D. CHAU	06/25/04	REV. A1	
DCA APPROVED M. ALIM		07/21/04		
ACAD FILE NUMBER C6651290A.DWG			DWG SCALE 2=1	SH 5 OF 5

Mouser Electronics

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