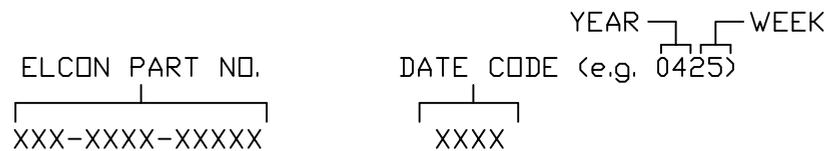


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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0242-04	A	NEW RELEASE	06/25/04

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



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 [0.062] ± 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 ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED;

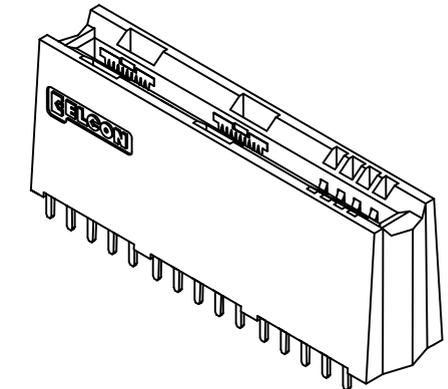
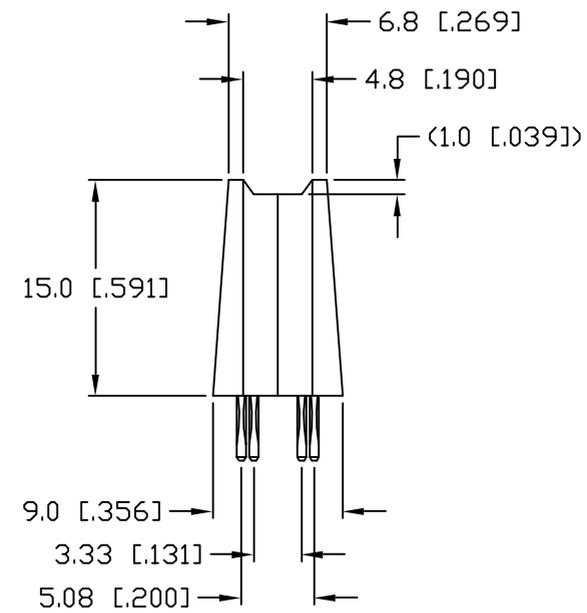
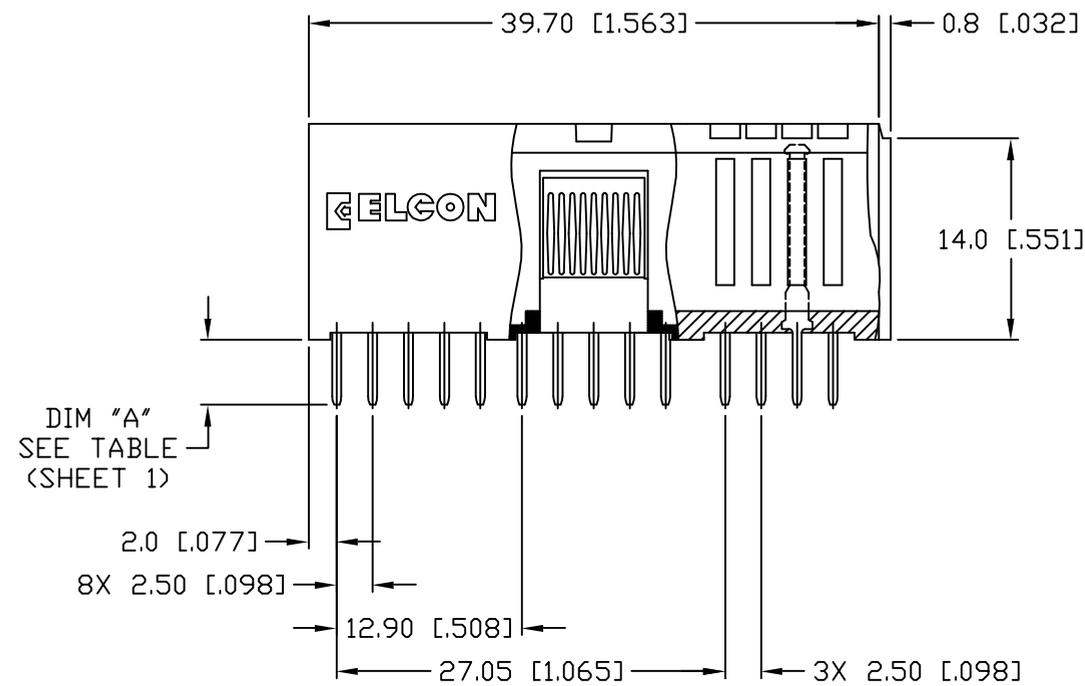
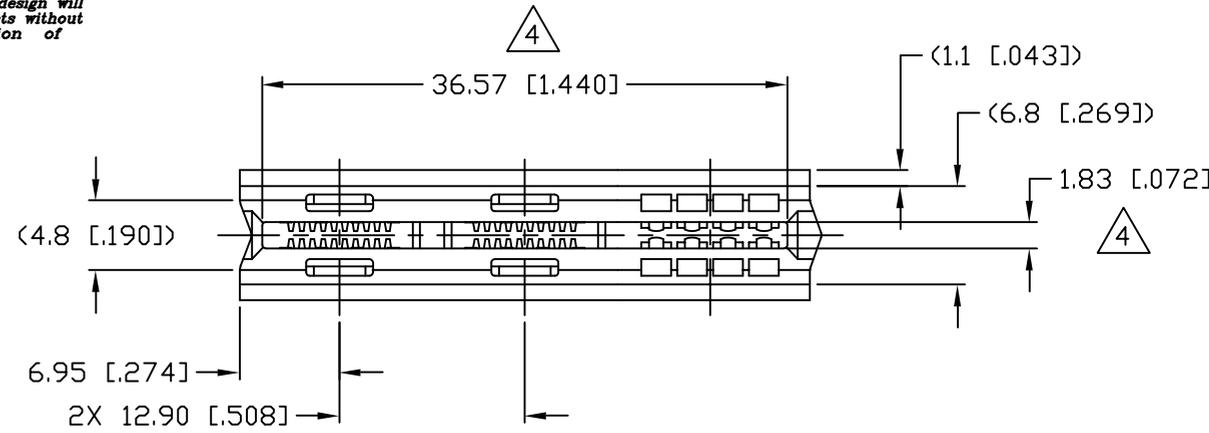
9. PART NUMBER INFORMATION

CONNECTOR	REFERENCE TYCO 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

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

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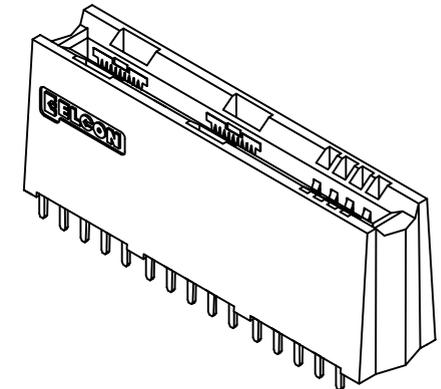
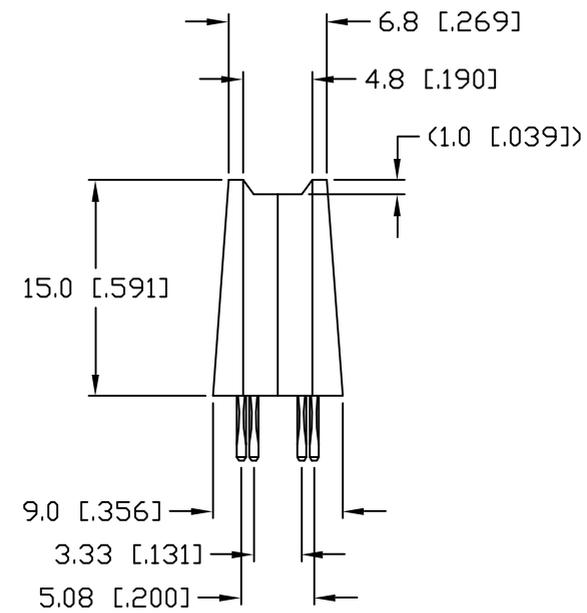
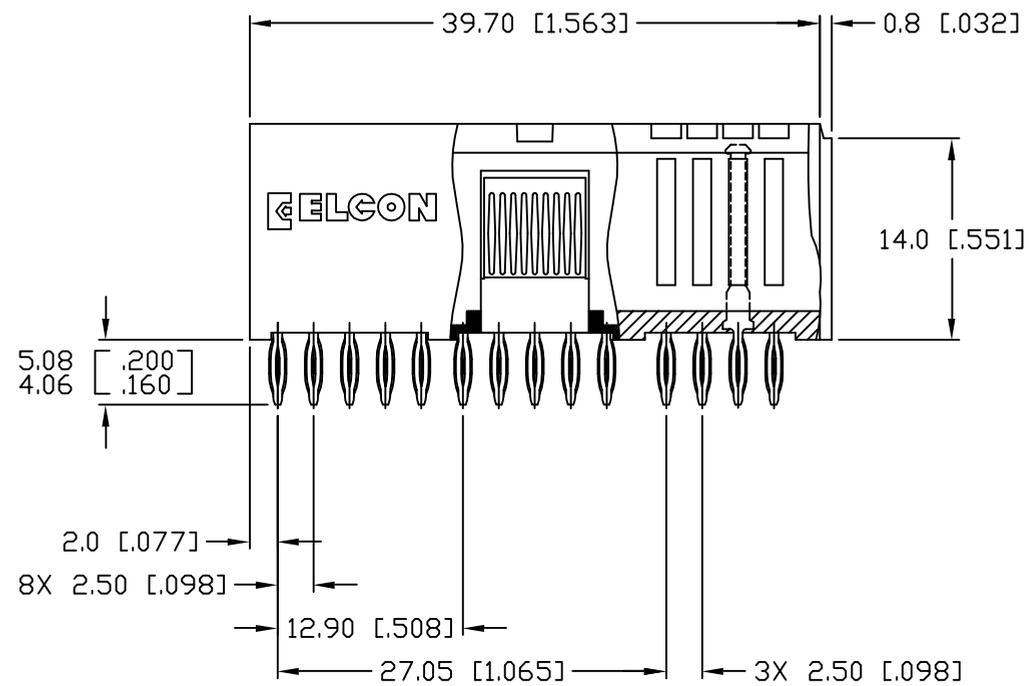
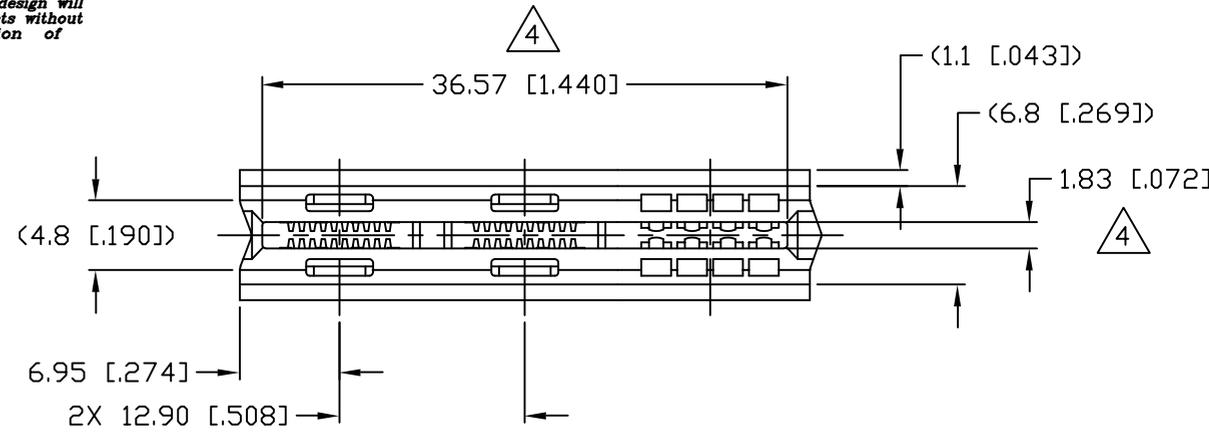
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← 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 HA NGUYEN	DATE 06/24/04	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED	APPROVED		TITLE SOCKET CONNECTOR, 3 SEG, CROWNEDGE STRAIGHT, 4 POWER, 8 SIGNAL, SOLDER PN: 284-0112-12100/284-0112-12300
	APPROVED	APPROVED D. CHAU	06/25/04	SIZE B
	DCA APPROVED M. ALIM	07/21/04	DWG NUMBER C = 6651290	REV. A
ACAD FILE NUMBER C6651290A.DWG			DWG SCALE 2=1 SH 2 OF 5	

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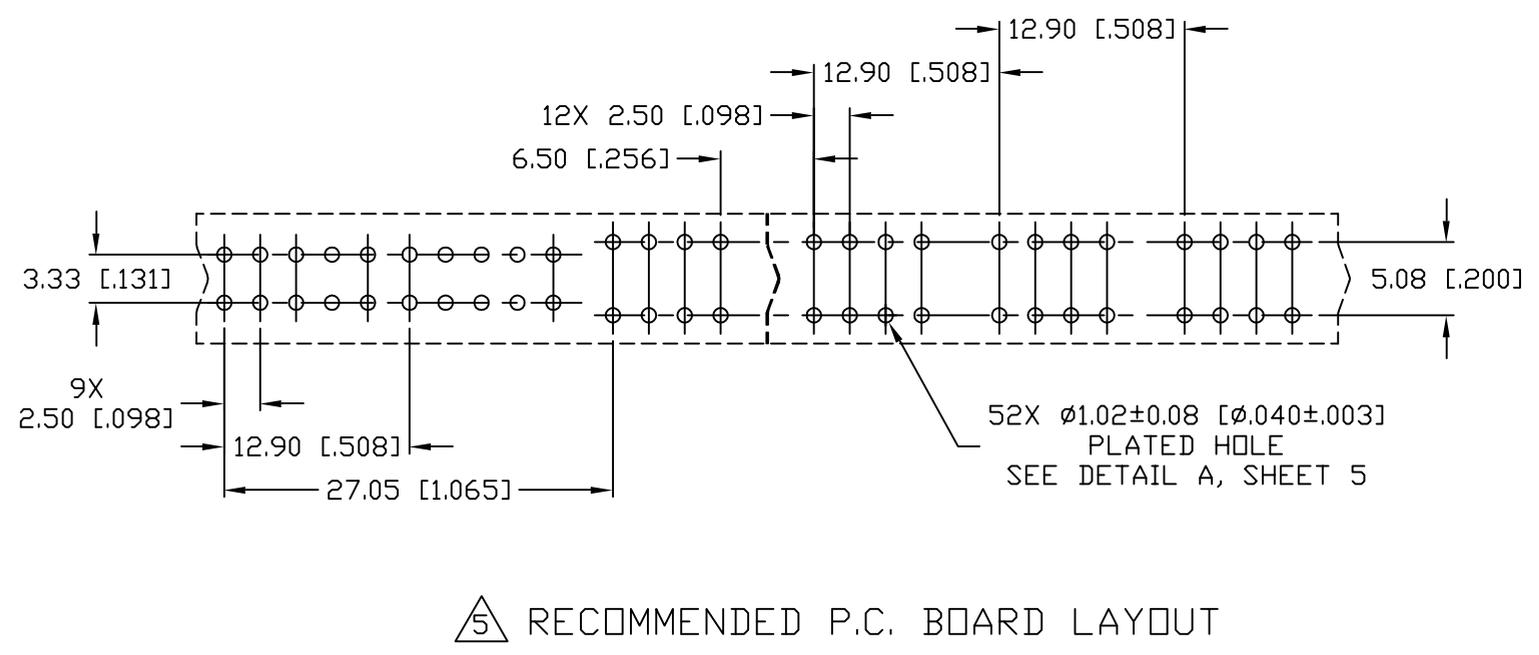
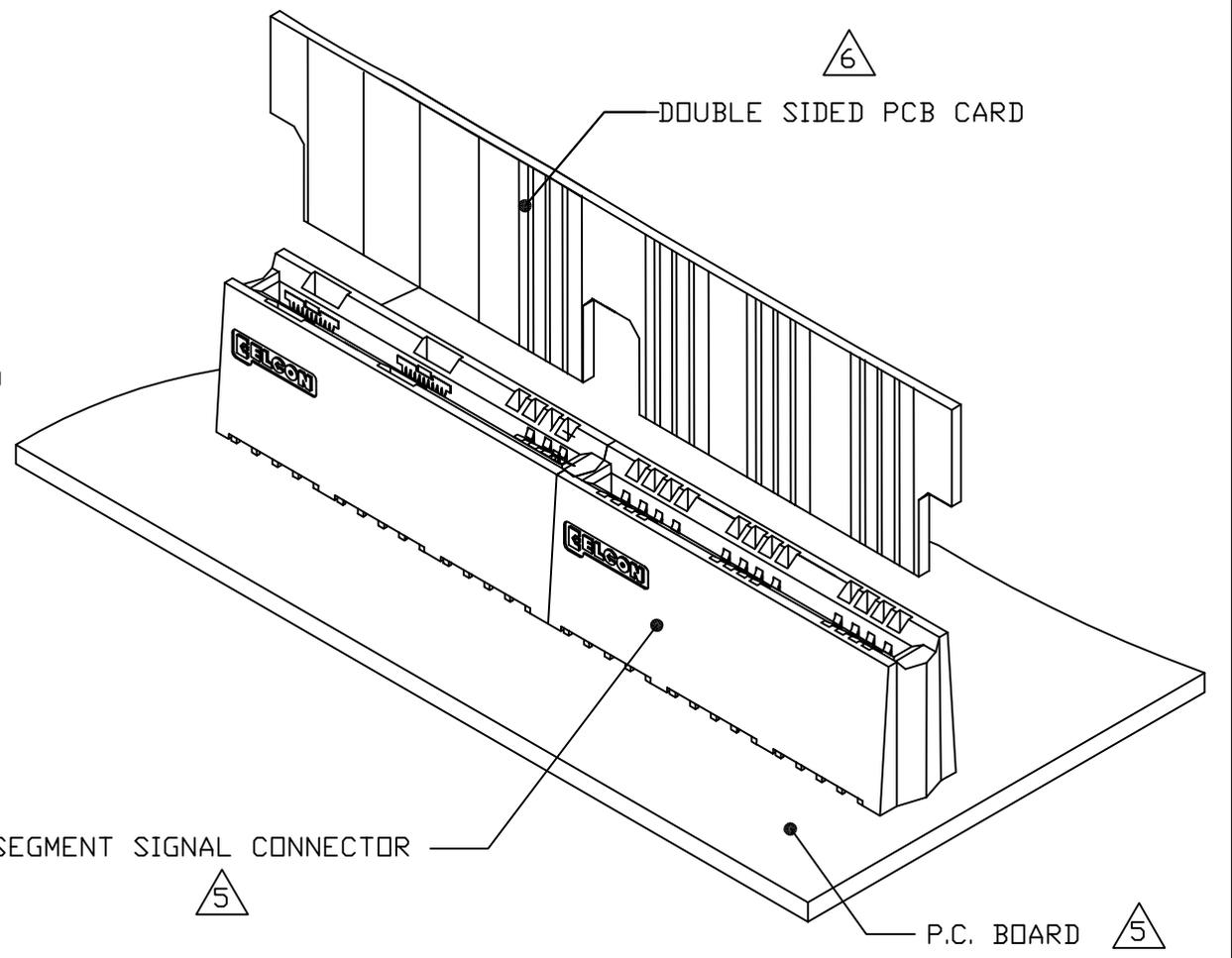
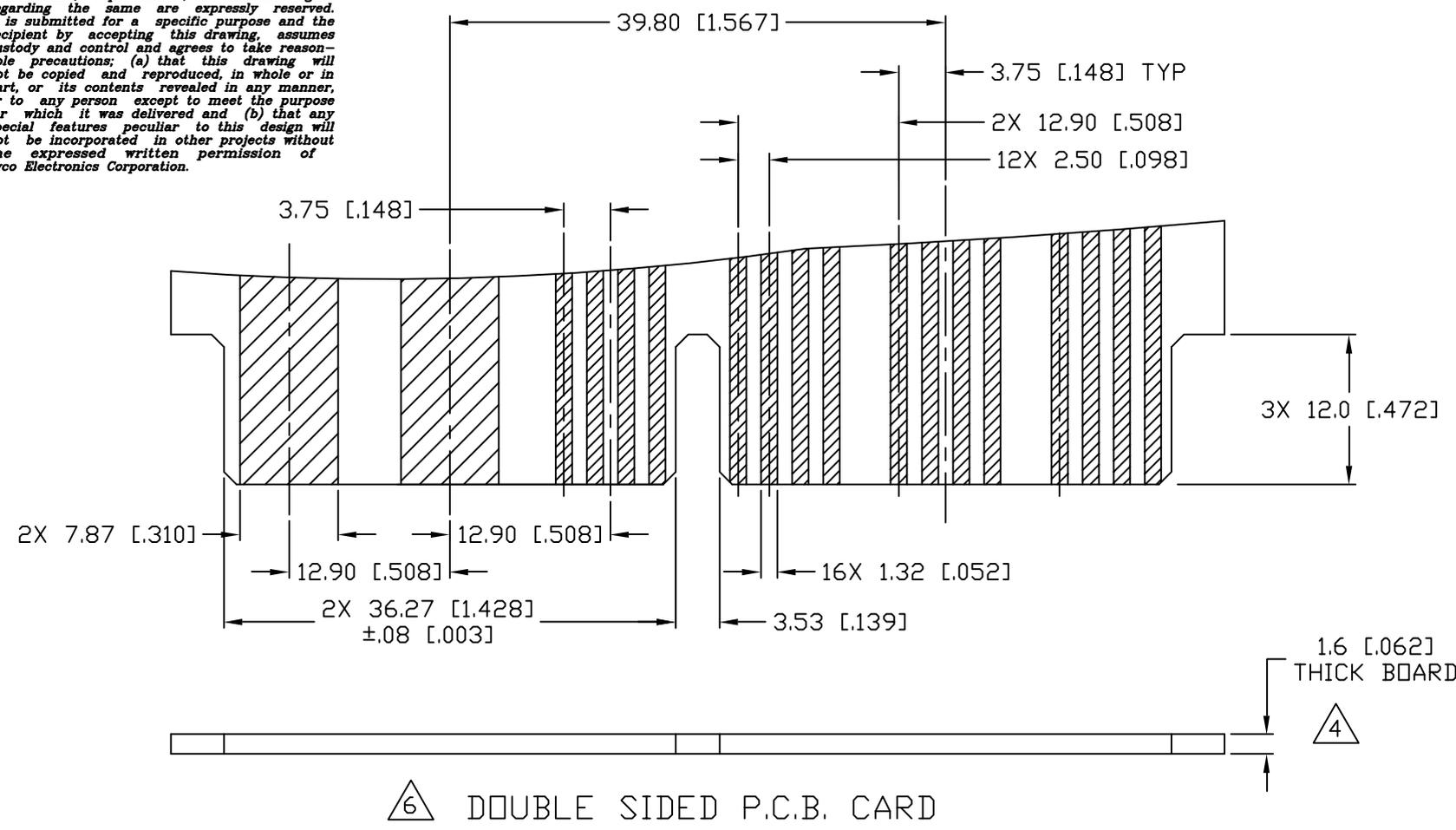
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← 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 HA NGUYEN	DATE 06/24/04	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED	APPROVED		TITLE SOCKET CONNECTOR, 3 SEG, CROWNEDGE STRAIGHT, 4 PWR, 8 SIGNAL, COMPLIANT PN: 284-0112-11300
	APPROVED D. CHAU	06/25/04	SIZE B	DWG NUMBER C = 6651290
	APPROVED M. ALIM	07/21/04	ACAD FILE NUMBER C6651290A.DWG	REV. A
DWG SCALE 2=1			SH 3 OF 5	

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← MM OR MM [INCH] 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	<b>tyco</b> Tyco Electronics Corporation <b>Electronics</b> Menlo Park, Ca 94025 <b>ELCON</b>
	CHECKED	APPROVED	
	APPROVED D. CHAU	06/25/04	SIZE DWG NUMBER B C = 6651290
	DCA APPROVED M. ALIM	07/21/04	REV. A
	ACAD FILE NUMBER C6651290A.DWG		DWG SCALE 2=1 SH 4 OF 5

4

3

2

1

B

B

A

A

4

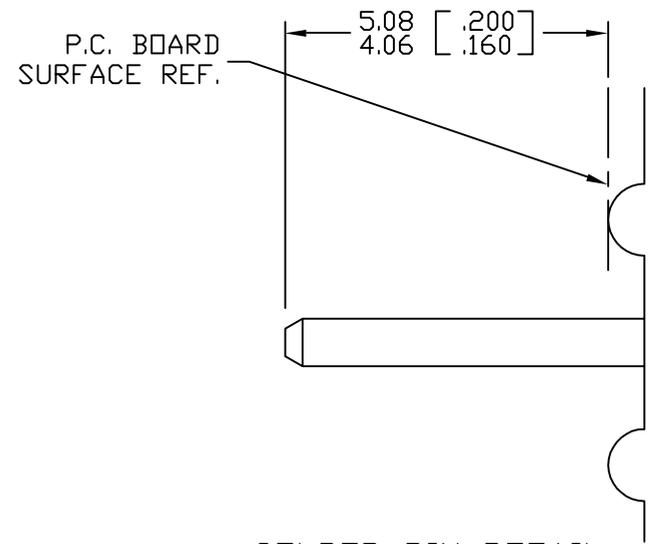
3

2

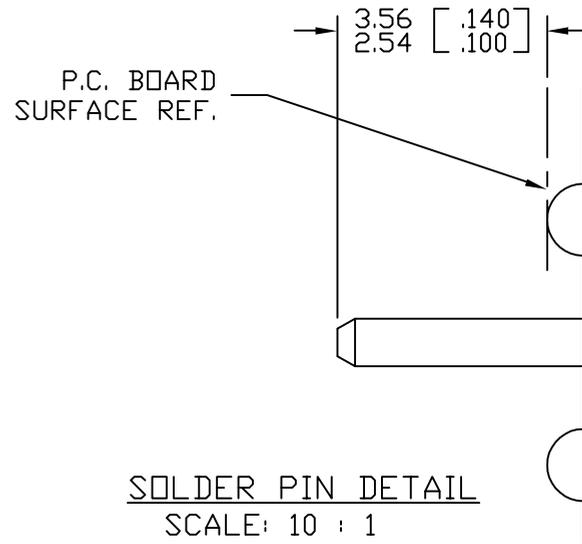
1

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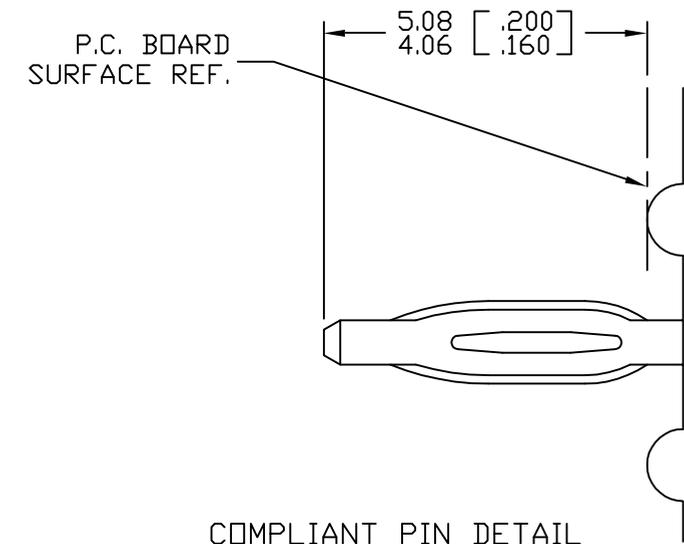
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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:  $\phi 1.02$  [.040]  $\pm .08$  [.003]  
 DRILLED HOLE:  $\phi 1.15$  [.0453]  $\pm .013$  [.0005]  
 COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)  
 TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)

DETAIL A

← 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 	TITLE USER INFORMATION SOLDER & COMPLIANT TERMINATION CROWNEDGE	
	CHECKED				
	APPROVED		SIZE B		DWG NUMBER C = 6651290
	APPROVED D. CHAU	06/25/04	REV. A		
	DCA APPROVED M. ALIM	07/21/04			
	ACAD FILE NUMBER	C6651290A.DWG	DWG SCALE	2=1 SH 5 OF 5	