

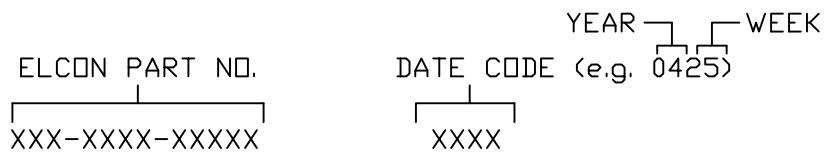
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REVISIONS

EC	REV	DESCRIPTION	DATE
DS1Q-0029-05	A	NEW RELEASE	01/19/05

B

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 POWER 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, TYPE II, CLASS 0, .000030" MIN. THK,
OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICK.

TERMINALS: TIN PLATE, MATTE FINISH, .000100"
MINIMUM THICKNESS

2. MATERIALS:

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

CONTACTS: PHOSPHOR BRONZE 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

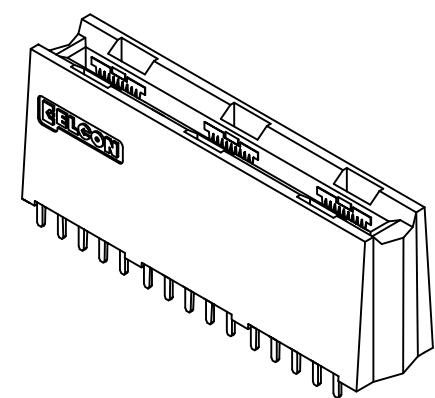
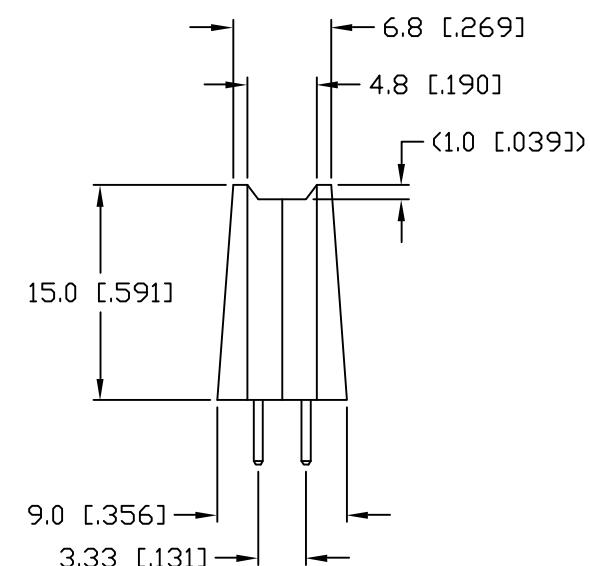
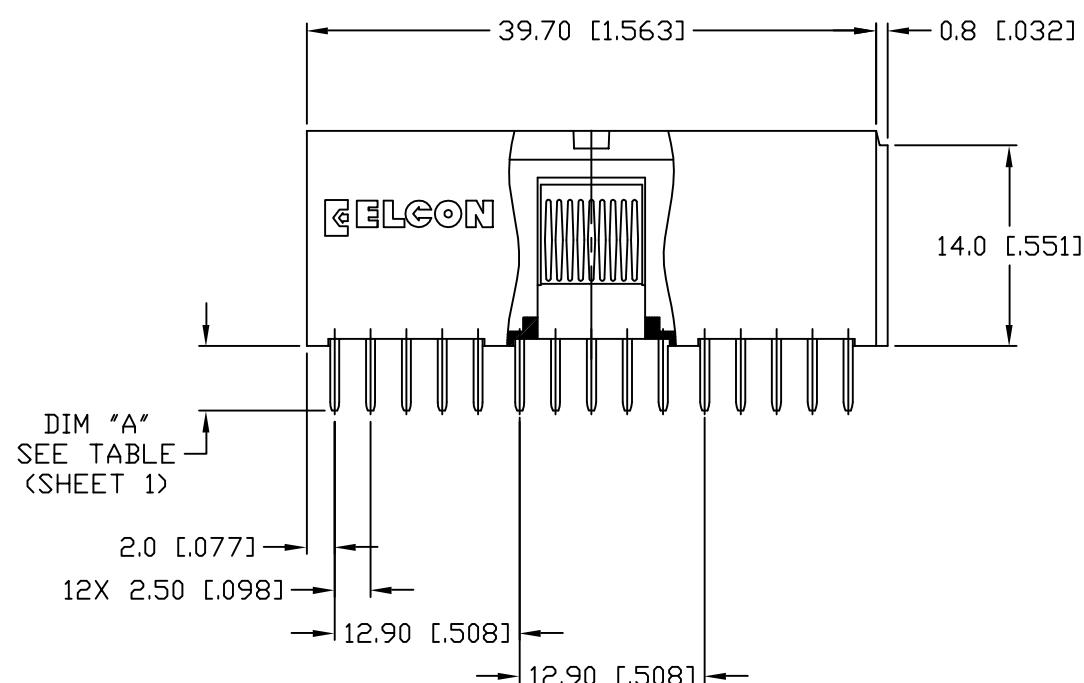
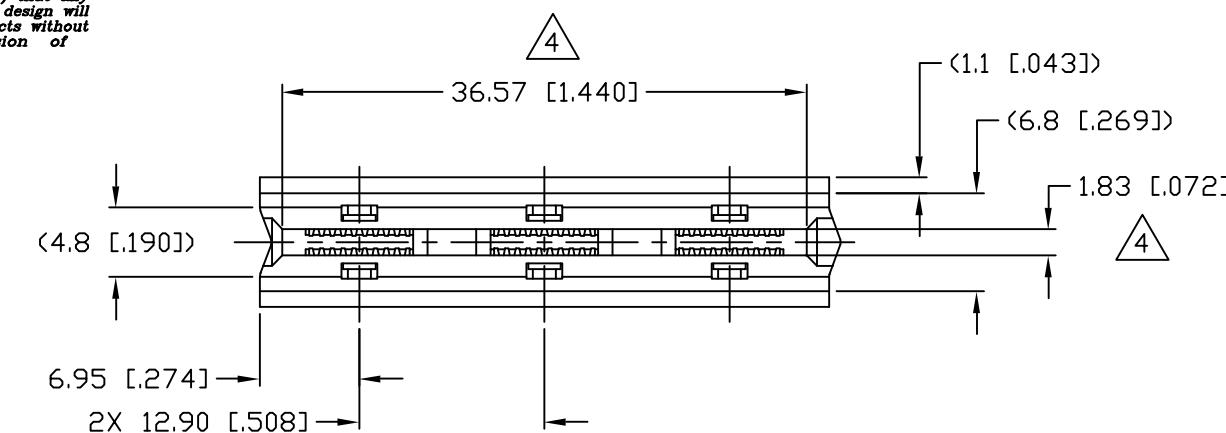
CONNECTOR	REFERENCE TYCO PN	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM "A"	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6650383-3	284-0102-12100	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6650383-2	284-0102-12300	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK
SOCKET	6650383-1	284-0102-11300	COMPLIANT TAIL	5.08 [.200] 4.06 [.160]	2.3 [.093] OR THICKER	1.6 [.062] THICK

 THIRD ANGLE PROJECTION	DRAWN M.C. CANT	DATE 01/19/05	 Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		TITLE SOCKET CONNECTOR, CROWN EDGE
TOLERANCES	APPROVED		PN: 284-0102-12100/284-0102-12300
ANGLES ± .5°	APPROVED D. CHAU	02/11/05	PN: 284-0102-11300
DECIMALS	DCA APPROVED M. ALIM	03/02/05	SIZE DWG NUMBER B C = 6650383
.XX ± .25 [.010]			REV. A
.X ± .5 [.020]	ACAD FILE NUMBER C6650383A.DWG		DWG SCALE 2=1 SH 1 OF 5

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		SEE SHEET 1	

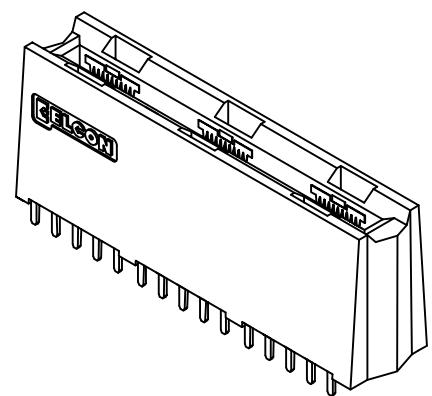
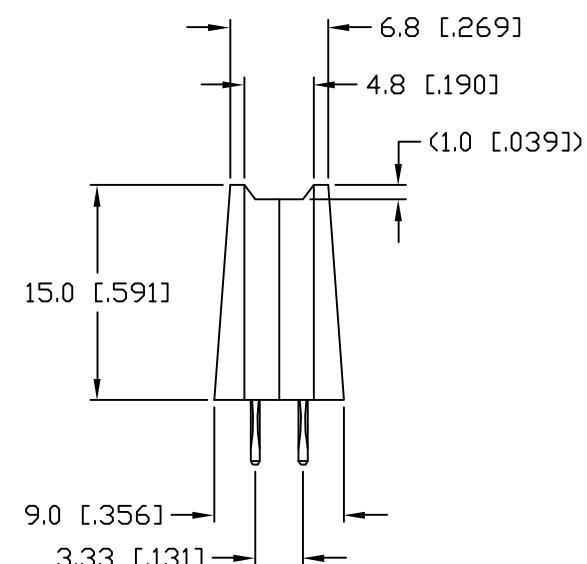
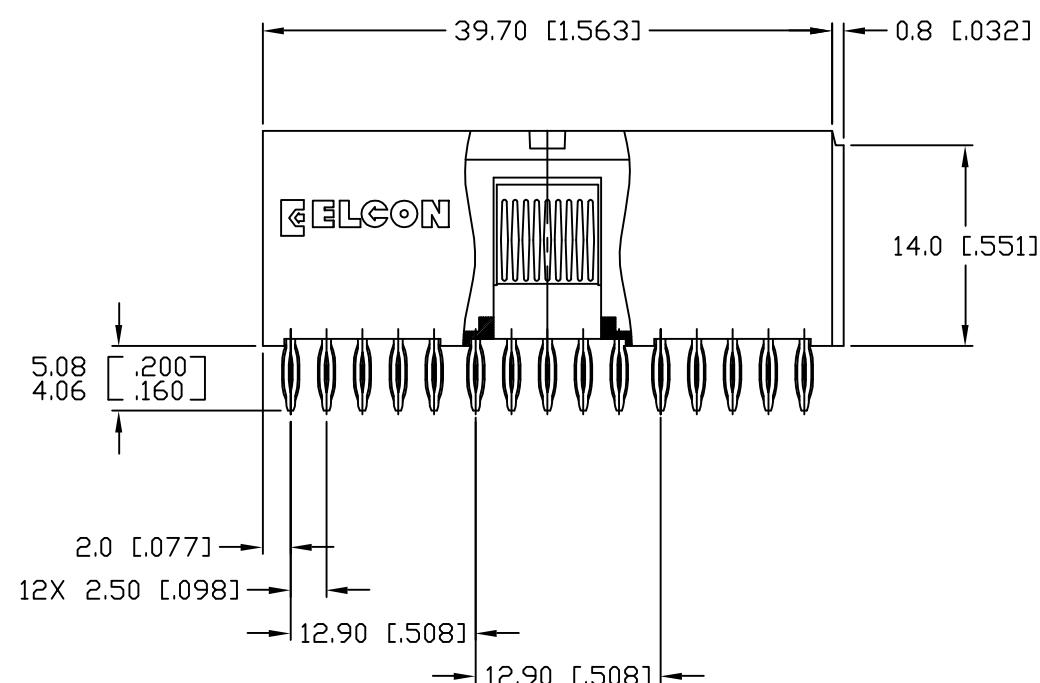
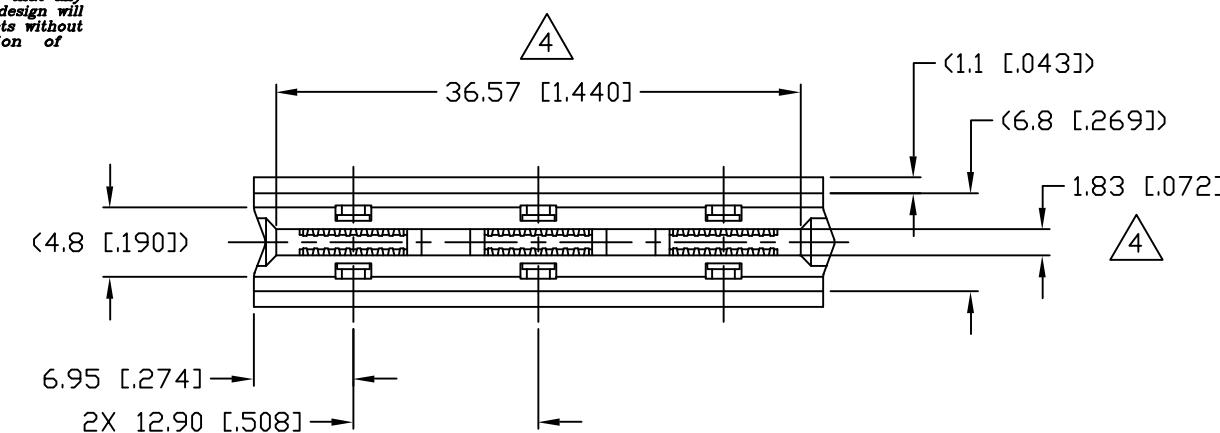


 THIRD ANGLE PROJECTION	MM OR MM [INCH]	DRAWN M.C. CANT	DATE 01/19/05	 Tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	CHECKED		
	TOLERANCES	APPROVED		
	ANGLES $\pm .5^\circ$	APPROVED		
	DECIMALS	D. CHAU	02/11/05	
	.XX $\pm .25$ [.010]	DCA APPROVED		
	.X $\pm .5$ [.020]	M. ALIM	03/02/05	
	ACAD FILE NUMBER	C6650383		REV.
				A
			DWG SCALE	2=1 SH 2 OF 5

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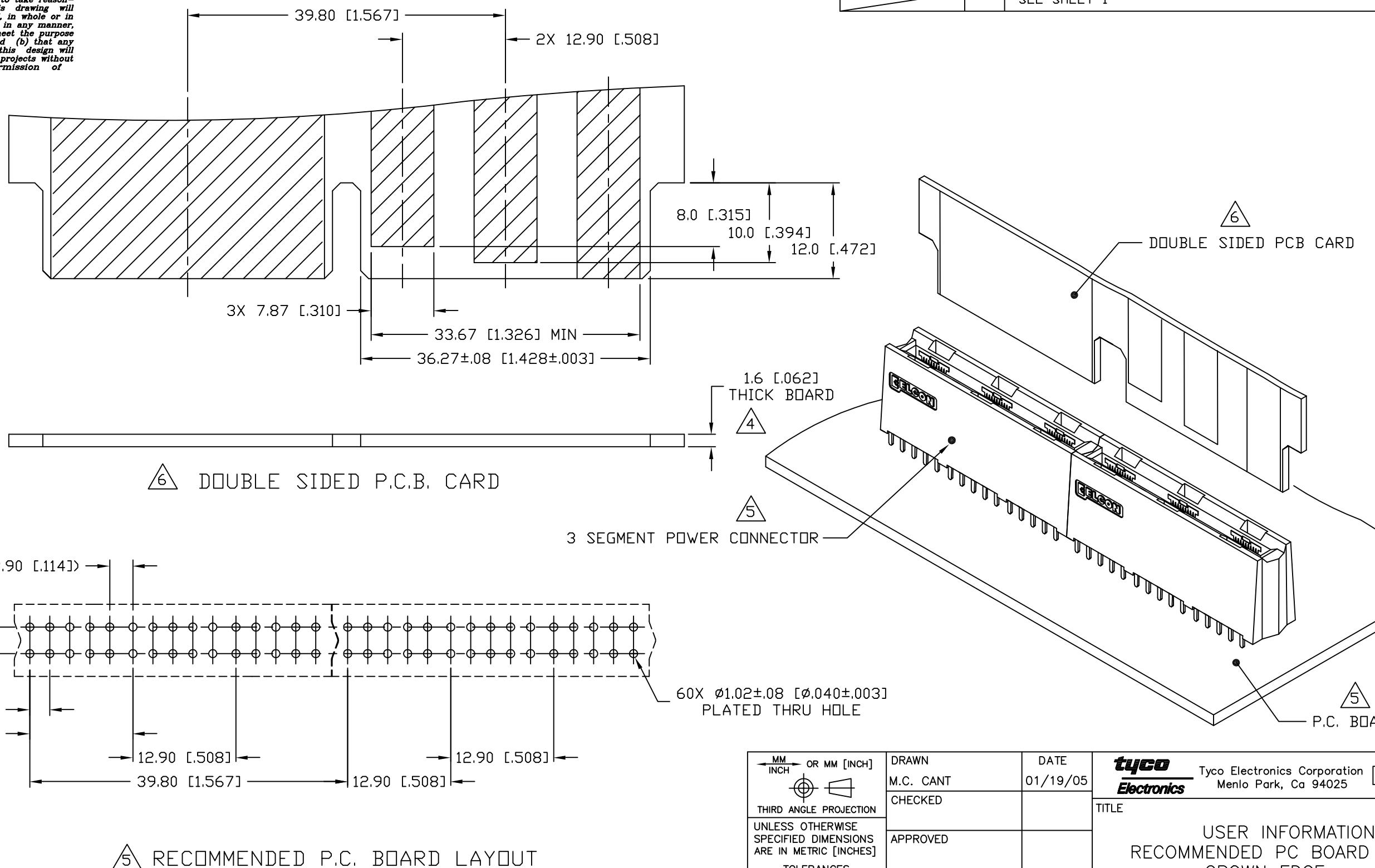


 THIRD ANGLE PROJECTION	DRAWN	DATE	 Tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	02/11/05	
.XX $\pm .25$ [.010]	DCA APPROVED		
.X $\pm .5$ [.020]	M. ALIM	03/02/05	
	ACAD FILE NUMBER	C6650383.DWG	REV.
			A
	DWG SCALE	2=1	SH 3 OF 5

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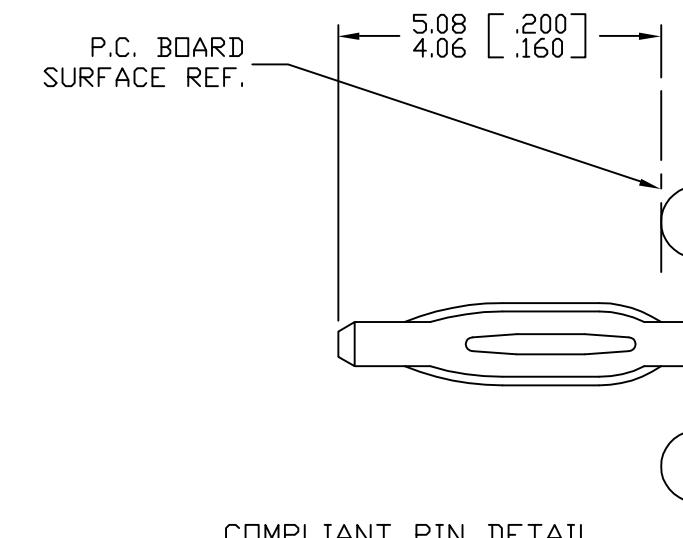
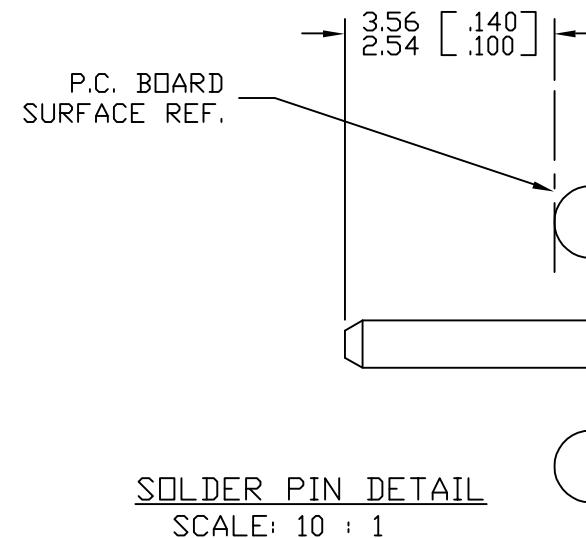
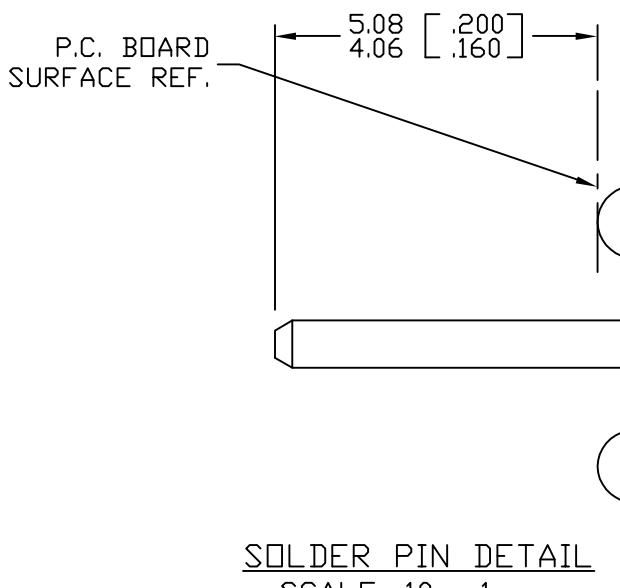


 	DRAWN	DATE	 Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	02/11/05	
.XX $\pm .25$ [.010]	DCA APPROVED		
.X $\pm .5$ [.020]	M. ALIM	03/02/05	
ACAD FILE NUMBER	C6650383.A.DWG		
			DWG SCALE 2=1 SH 4 OF 5

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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)

 THIRD ANGLE PROJECTION	DRAWN M.C. CANT	DATE 01/19/05	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		ELCON	
TOLERANCES	APPROVED			
ANGLES $\pm .5^\circ$	D. CHAU	02/11/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	03/02/05		
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C6650383.DWG	REV.	A
			DWG SCALE	2=1 SH 5 OF 5

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