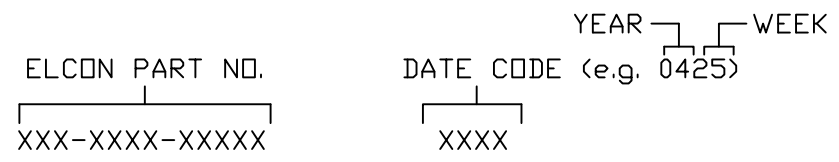


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REVISIONS			
EC	REV	DESCRIPTION	DATE
DS1Q-0029-05	A	NEW RELEASE	01/19/05

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.

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

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

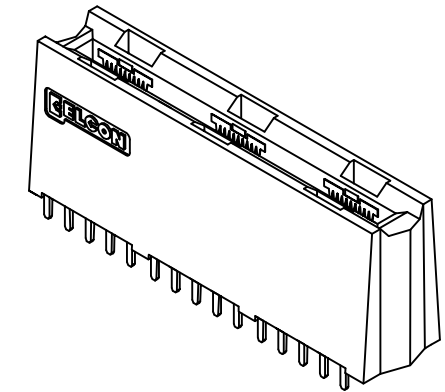
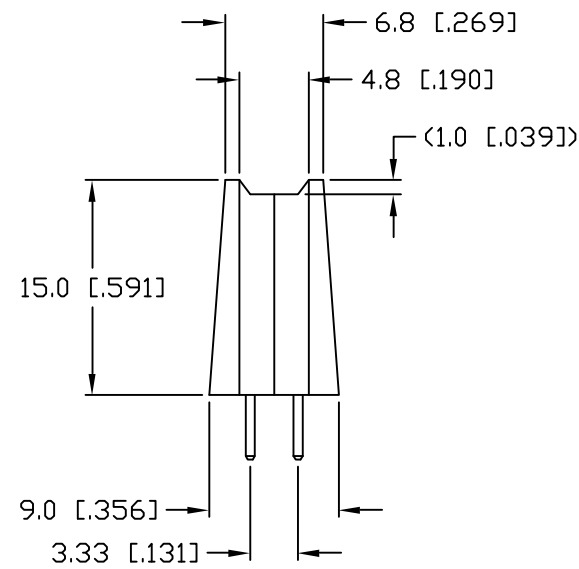
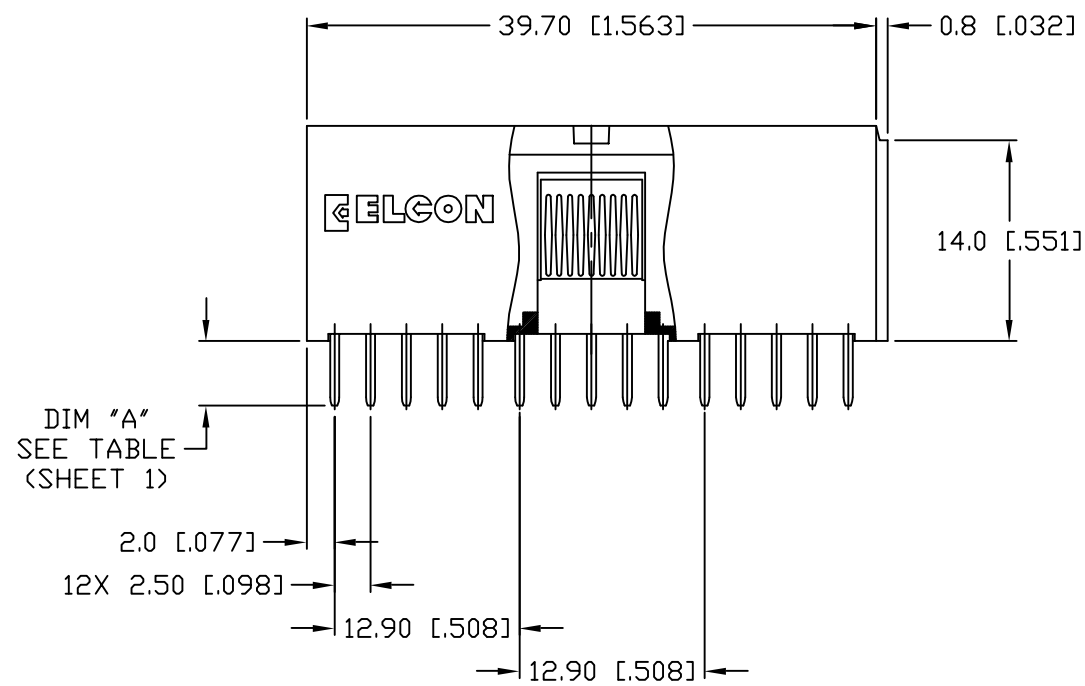
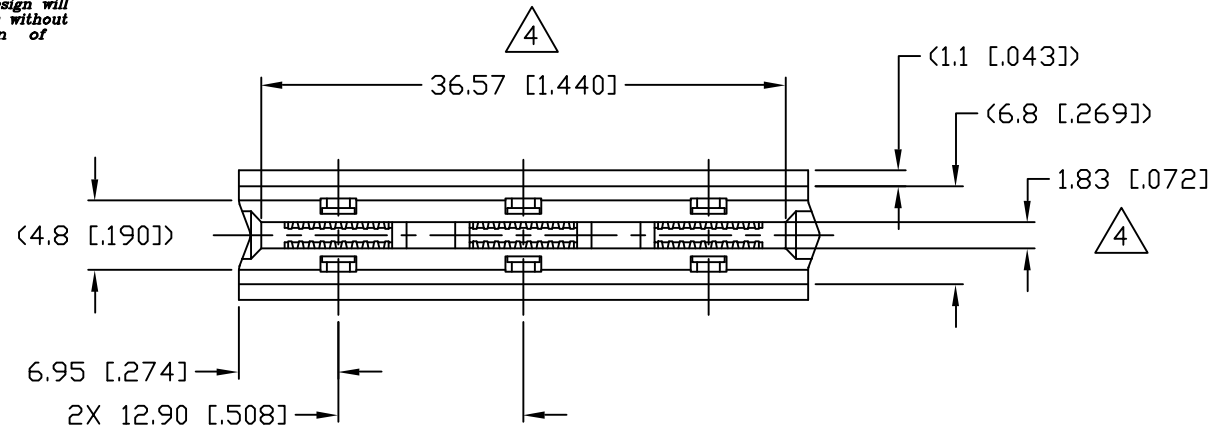
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED;

<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>M.C. CANT</p>	<p>DATE</p> <p>01/19/05</p>	<p>tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025</p> <p>ELCON</p>	
	<p>CHECKED</p>	<p>TITLE</p> <p>SOCKET CONNECTOR, CROWN EDGE PN: 284-0102-12100/284-0102-12300 PN: 284-0102-11300</p>	<p>APPROVED</p>	<p>APPROVED</p>	<p>SIZE</p> <p>B</p>
	<p>APPROVED</p>	<p>D. CHAU</p> <p>02/11/05</p>	<p>APPROVED</p>	<p>M. ALIM</p> <p>03/02/05</p>	<p>DWG NUMBER</p> <p>C = 6650383</p>
	<p>ACAD FILE NUMBER</p> <p>C6650383A.DWG</p>	<p>REV.</p> <p>A</p>	<p>DWG SCALE</p> <p>2=1</p>	<p>SH 1 OF 5</p>	

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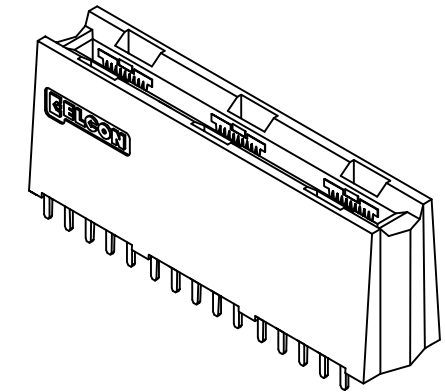
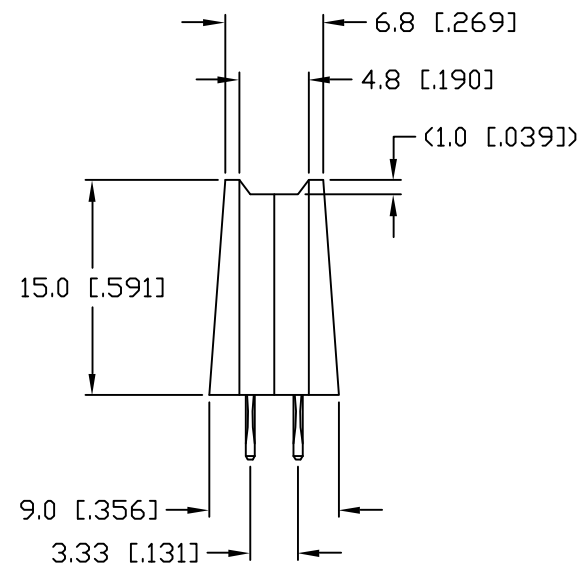
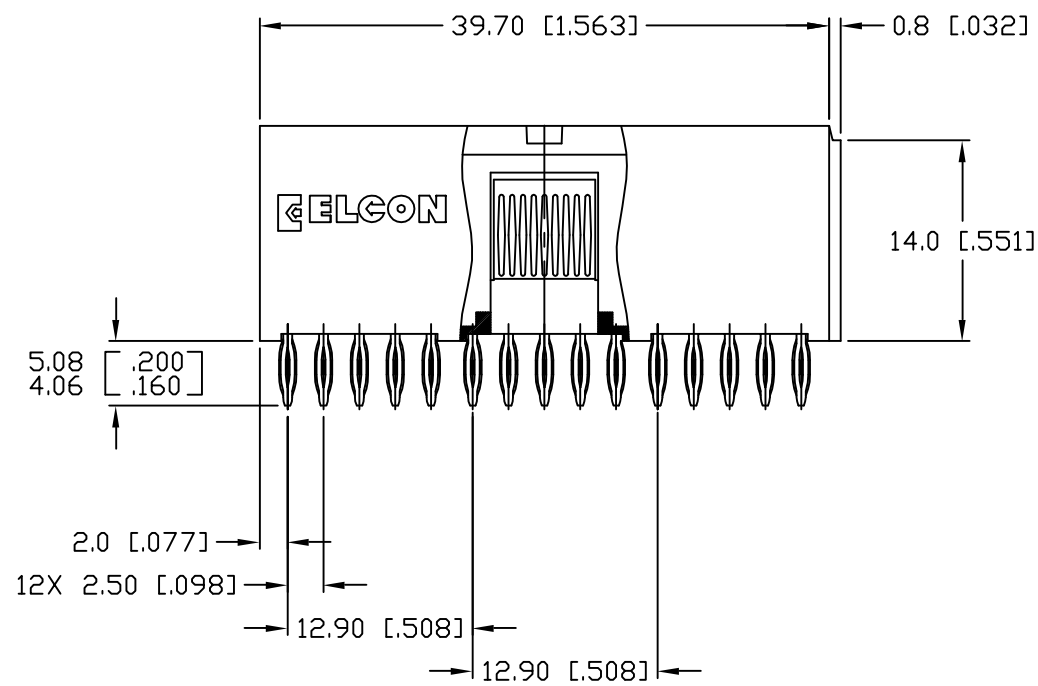
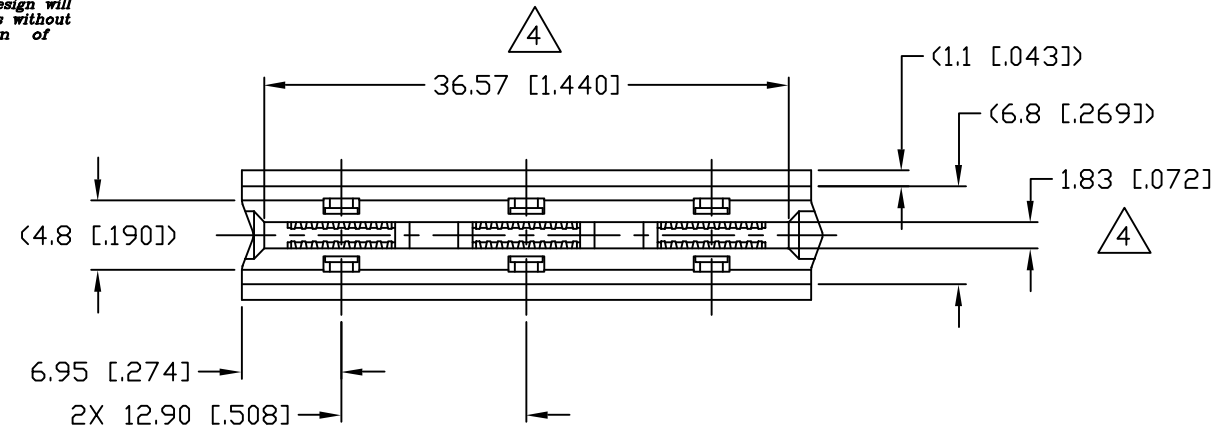
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← 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 M.C. CANT	DATE 01/19/05	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON	
	CHECKED			TITLE SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, SOLDER, NHP PN: 284-0102-12100/284-0102-12300
	APPROVED		SIZE B	DWG NUMBER C = 6650383
	APPROVED D. CHAU DCA APPROVED M. ALIM	02/11/05 03/02/05	REV. A	
ACAD FILE NUMBER C6650383A.DWG		DWG SCALE 2=1 SH 2 OF 5		

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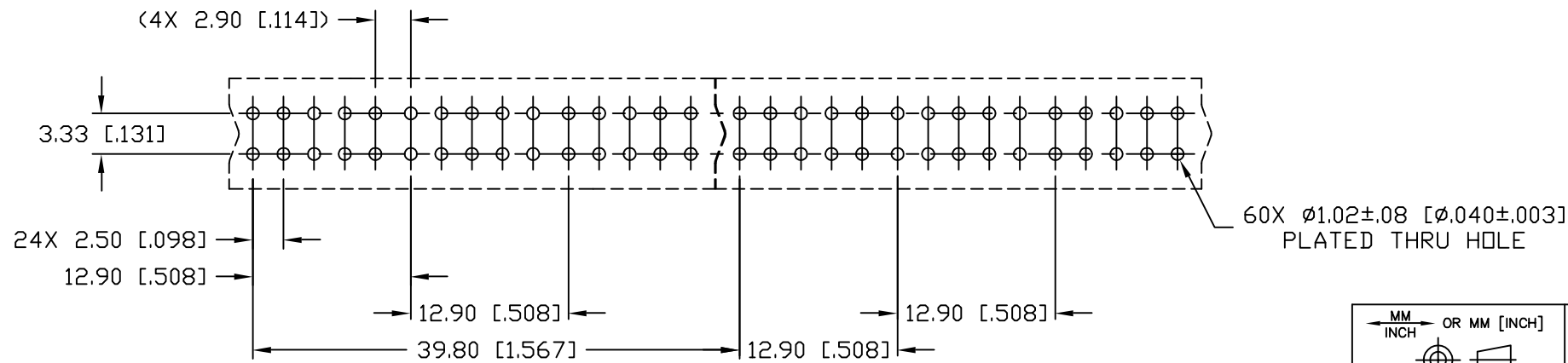
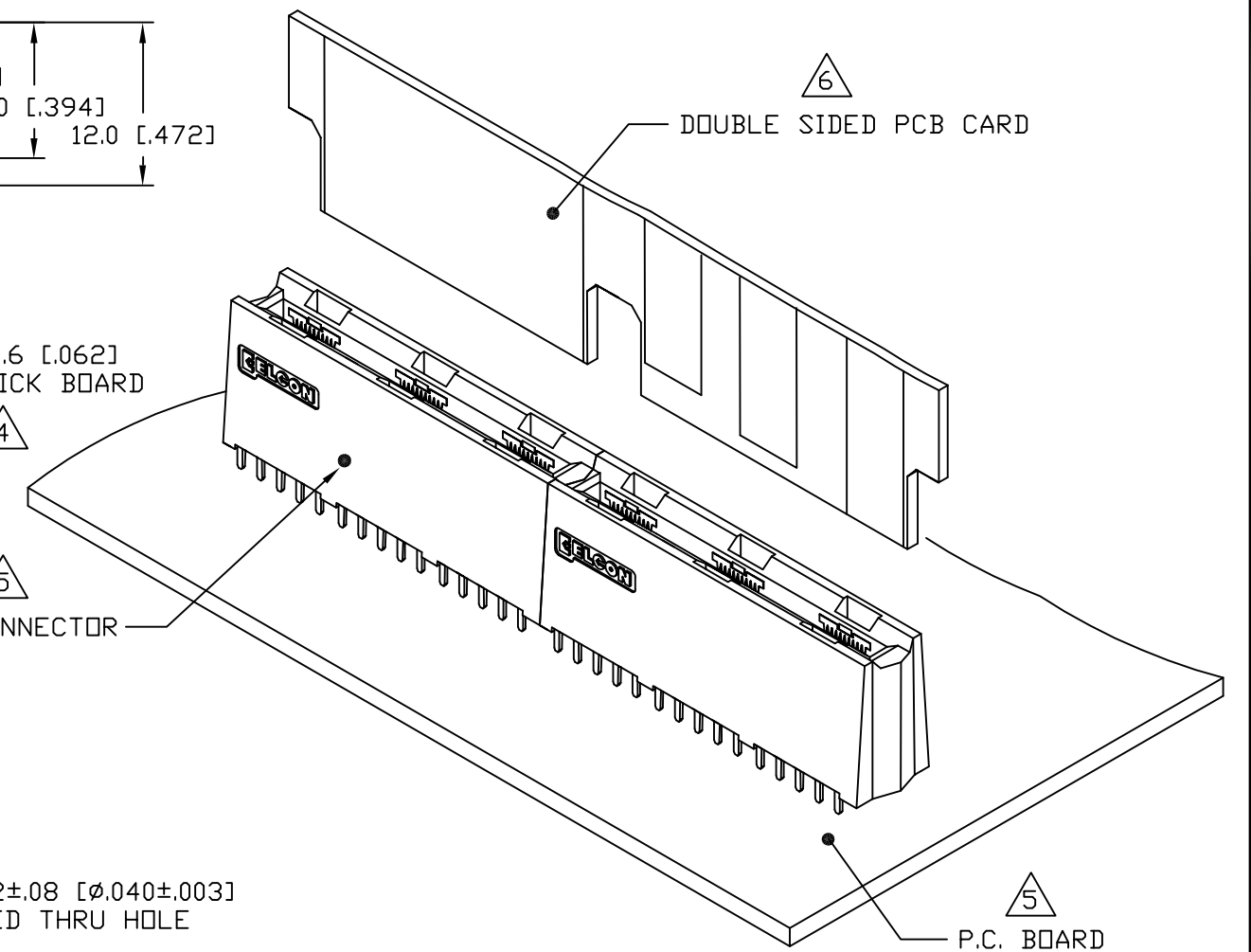
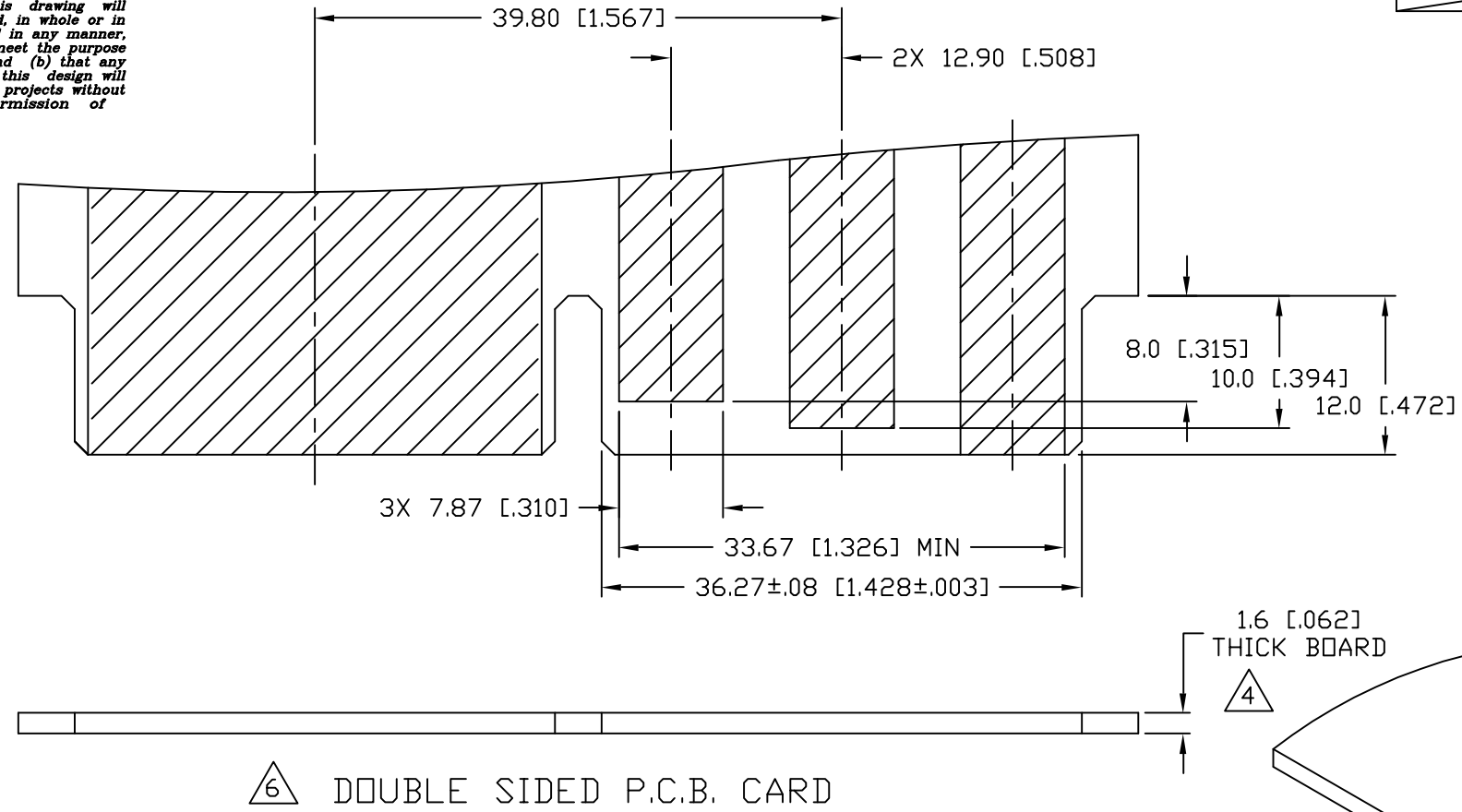
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← MM OR MM [INCH] INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN M.C. CANT	DATE 01/19/05	 Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, COMPLIANT PN: 284-0102-11300
	APPROVED		APPROVED	SIZE B
	D. CHAU	02/11/05	M. ALIM	DWG NUMBER C = 6650383
ACAD FILE NUMBER	C6650383A.DWG		REV. A	
			DWG SCALE 2=1 SH 3 OF 5	

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

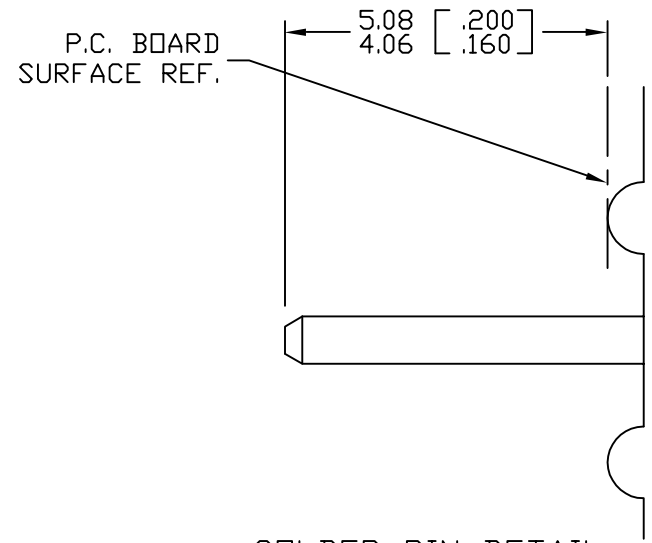


5 RECOMMENDED P.C. BOARD LAYOUT

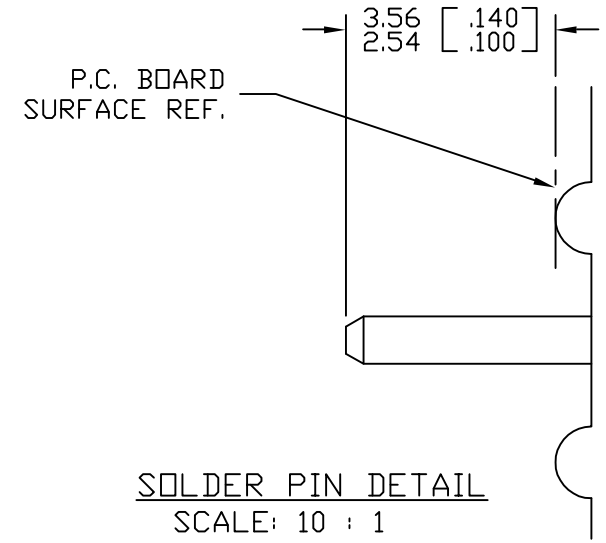
MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN M.C. CANT CHECKED	DATE 01/19/05	 Tyco Electronics Corporation Menlo Park, Ca 94025
	APPROVED D. CHAU APPROVED M. ALIM ACAD FILE NUMBER C6650383A.DWG	DATE 02/11/05 03/02/05	
			DWG SCALE 2=1 SH 4 OF 5

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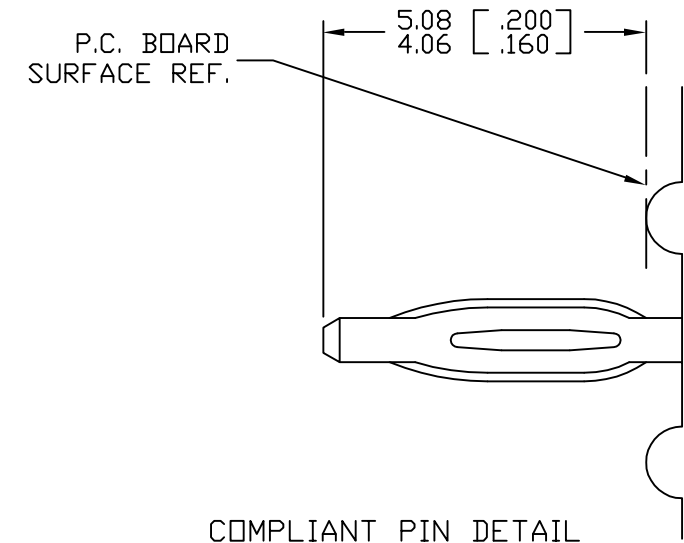
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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: $\phi 1.02$ [.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)

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</p> <p>TOLERANCES</p> <p>ANGLES $\pm .5^\circ$</p> <p>DECIMALS</p> <p>.XX $\pm .25$ [.010] .X $\pm .5$ [.020]</p>	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025	
	M.C. CANT	01/19/05		
	CHECKED		TITLE	
	APPROVED		USER INFORMATION SOLDER & COMPLIANT TERMINATION CROWN EDGE	
	APPROVED		SIZE	DWG NUMBER
	D. CHAU	02/11/05	B	C = 6650383
	M. ALIM	03/02/05		REV. A
	ACAD FILE NUMBER	C6650383A.DWG		DWG SCALE 2=1 SH 5 OF 5



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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