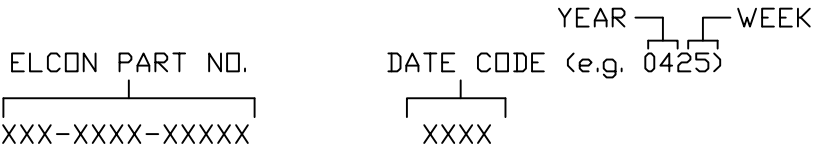


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REVISIONS			
EC	REV	DESCRIPTION	DATE
DS1Q-0029-05	A	NEW RELEASE	01/19/05

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.

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:

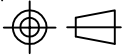
INSULATORS: THERMOPLASTIC, GLASS REINFORCED,
COLOR-BLACK,
UL94V-0 FLAMMABILITY RATED.
CONTACTS: PHOSPHOR BRONZE ALLOY

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

9. PART NUMBER INFORMATION

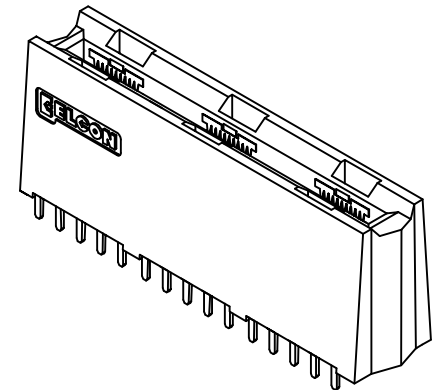
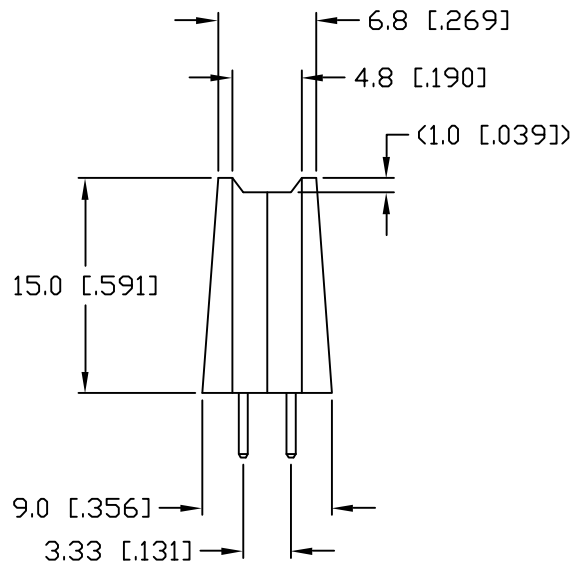
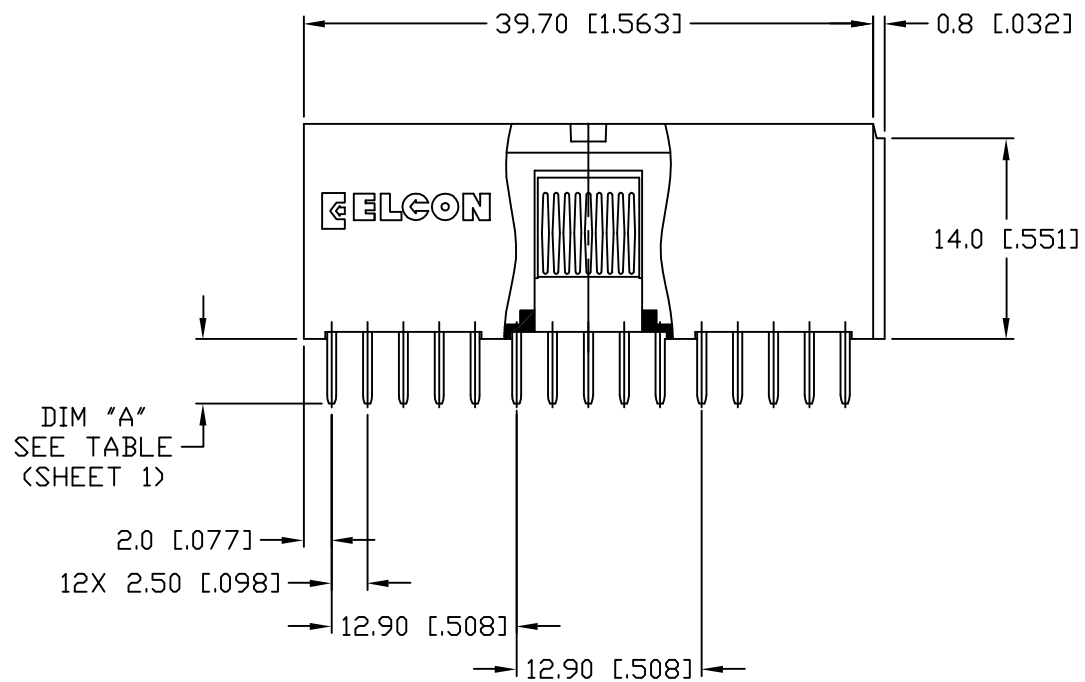
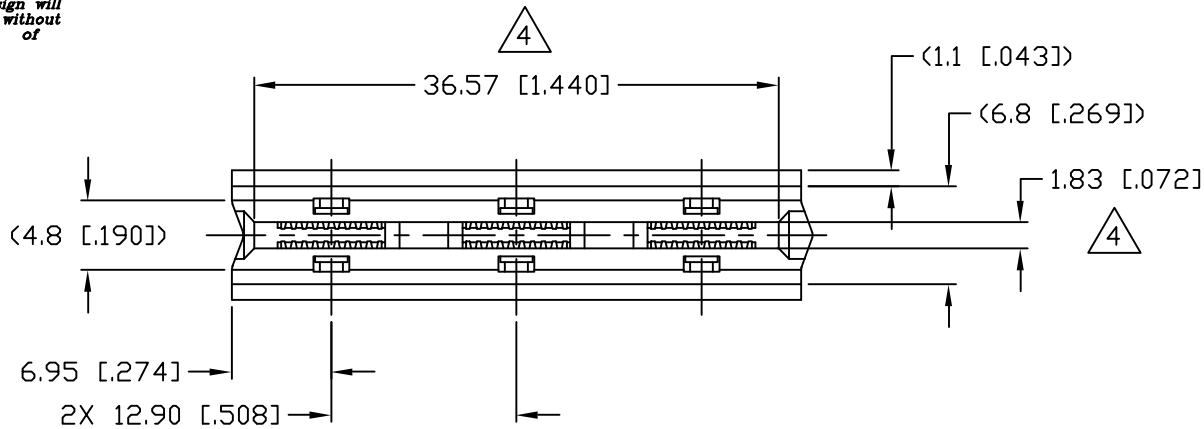
CONNECTOR	REFERENCE TYCO PN	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH DIM "A"	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6650383-3	284-0102-12100	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6650383-2	284-0102-12300	SOLDER TAIL (STANDARD)	5.08 [.200] 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

NOTES: UNLESS OTHERWISE SPECIFIED;

← 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				
	APPROVED		TITLE SOCKET CONNECTOR, CROWN EDGE PN: 284-0102-12100/284-0102-12300 PN: 284-0102-11300		
	APPROVED				
	D. CHAU	02/11/05	SIZE B	DWG NUMBER C = 6650383	REV. A
ACAD FILE NUMBER C6650383A.DWG					DWG SCALE 2=1 SH 1 OF 5

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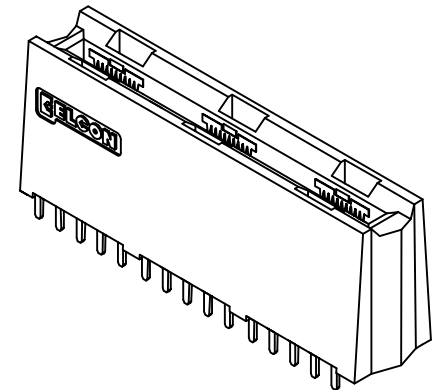
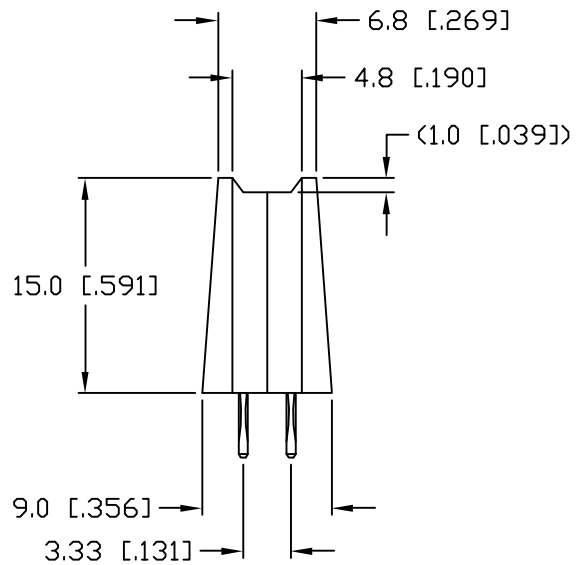
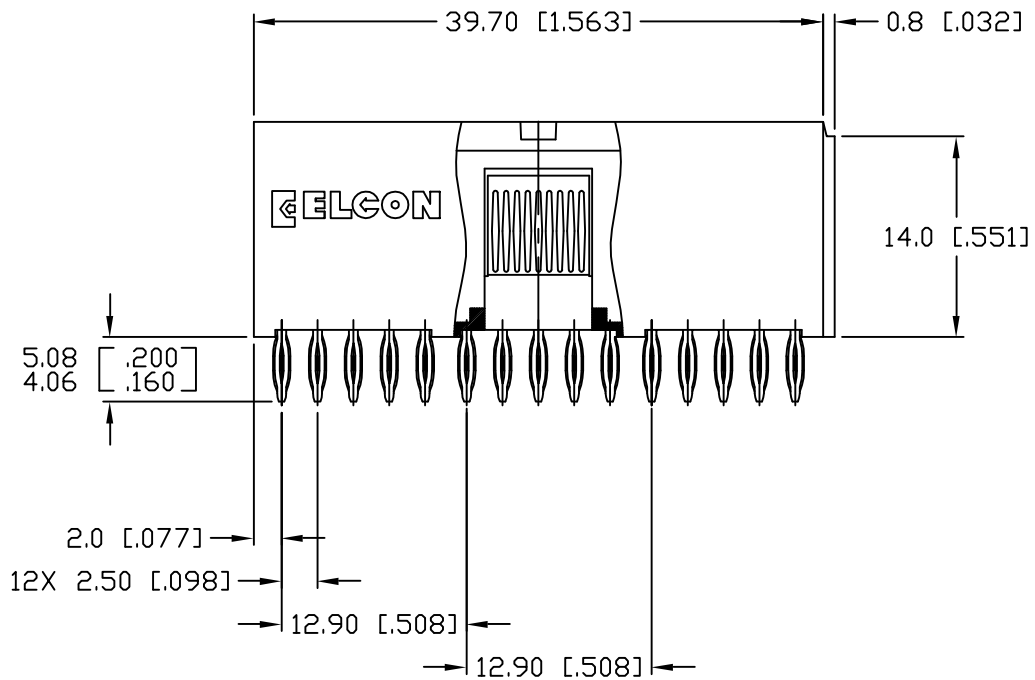
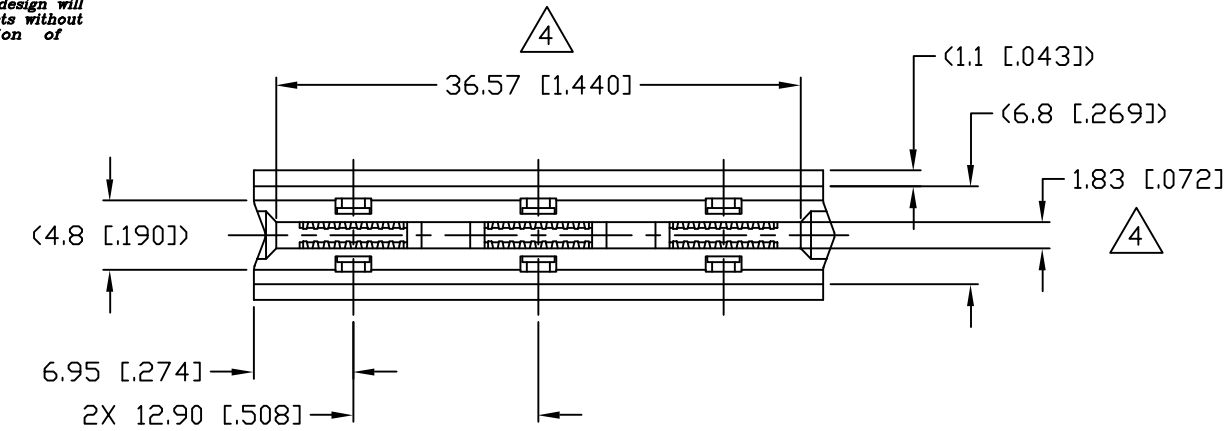
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← 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 Electronics Corporation Menlo Park, Ca 94025
	CHECKED		TITLE
	APPROVED		SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, SOLDER, NHP PN: 284-0102-12100/284-0102-12300
	APPROVED		SIZE DWG NUMBER
	D. CHAU	02/11/05	B C = 6650383
	DCA APPROVED	03/02/05	REV. A
	M. ALIM		
	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	



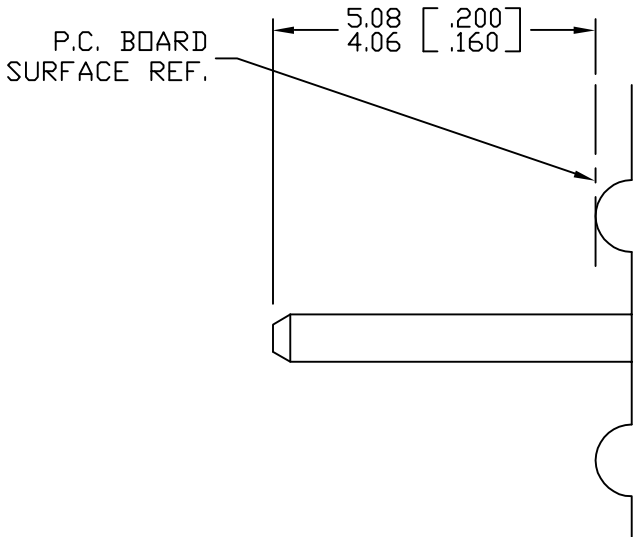
← MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN M.C. CANT	DATE 01/19/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWN EDGE STRAIGHT, 3 SEG, 6 PWR, COMPLIANT PN: 284-0102-11300		
	APPROVED D. CHAU	02/11/05	SIZE B	DWG NUMBER C = 6650383	REV. A
	DCA APPROVED M. ALIM	03/02/05			
ACAD FILE NUMBER C6650383A.DWG		DWG SCALE 2=1		SH 3 OF 5	

B

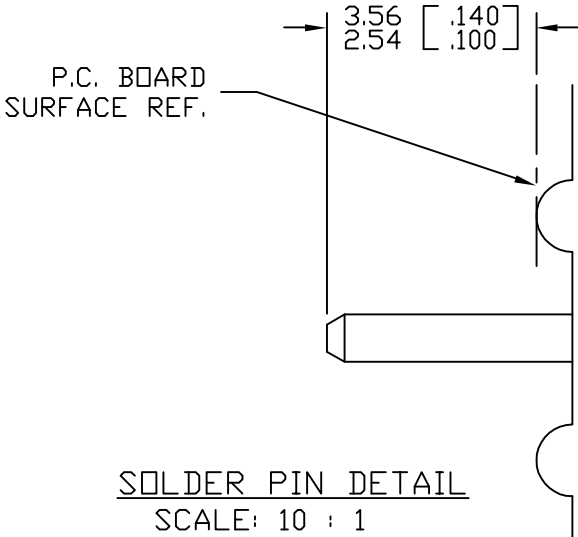
A1

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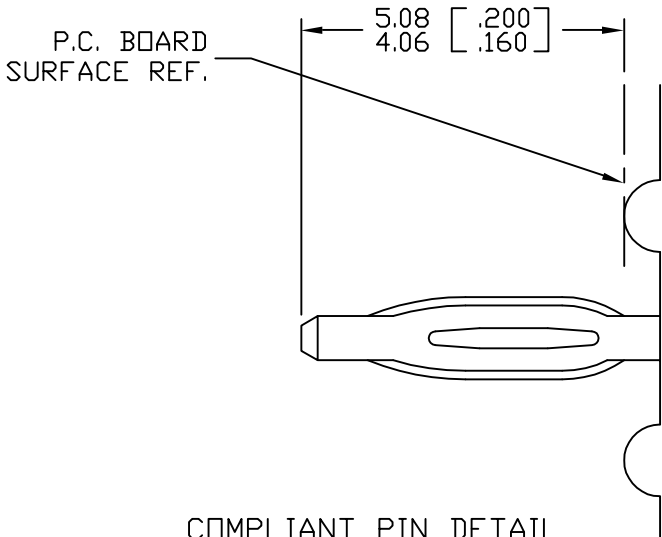
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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)

← MM INCH 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 Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		USER INFORMATION SOLDER & COMPLIANT TERMINATION CROWN EDGE		
	APPROVED D. CHAU	02/11/05	SIZE B	DWG NUMBER C = 6650383	REV. A
	DCA APPROVED M. ALIM	03/02/05			
ACAD FILE NUMBER		C6650383A.DWG		DWG SCALE 2=1	SH 5 OF 5

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