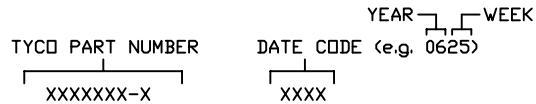


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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	07/26/06

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



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. SOCKET CONNECTOR ACCEPT 1.6 [.062]±10% THICK PCB.

3. FINISHES:

CONTACTS: SELECTIVE GOLD PLATED, .000030" MIN THICK
OVER NICKEL PLATED, .000050" MIN THICK

TERMINALS: TIN PLATED, MATTE FINISH, .000120" MIN THICK
OVER NICKEL PLATED, .000050" MIN THICK

2. MATERIALS:

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

POWER CONTACTS: PHOSPHOR BRONZE ALLOY
COPPER ALLOY

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

NOTES: UNLESS OTHERWISE SPECIFIED;

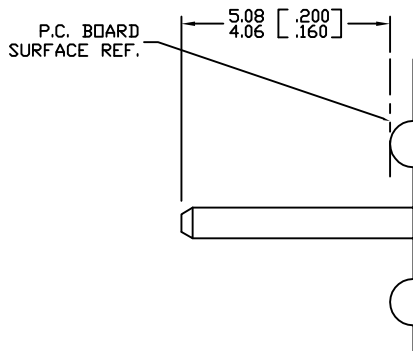
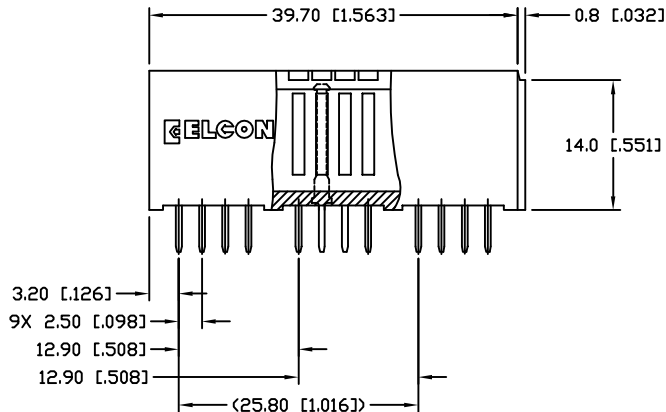
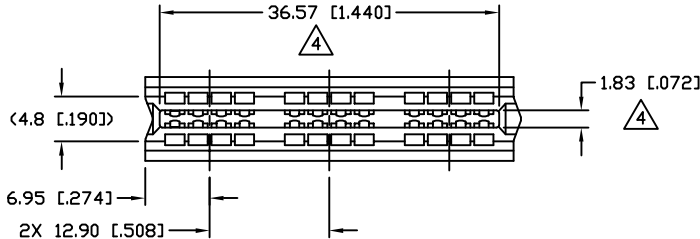
8. CONNECTOR INFORMATION

CONNECTOR	TERMINATION TYPE	PC TAIL LENGTH	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK

6651193-1	AS SHOWN
PART NUMBER	DESCRIPTION

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 HA NGUYEN	DATE 07/26/06	Tyco Electronics Corporation Menlo Park, Ca 94025		
	CHECKED		TITLE CONNECTOR, SOCKET STANDARD, SOLDER TAIL CROWN EDGE		
	APPROVED				
	APPROVED STEVE FLICKINGER	07/26/06			
	DCA APPROVED HA NGUYEN	07/26/06	SIZE B	DWG NUMBER C = 6651193	REV. A
ACAD FILE NUMBER C6651193A.DWG			DWG SCALE 2=1 SH 1 OF 3		

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9. SOLDER PIN DETAIL
SCALE: 10 : 1

10 SOLDER TERMINATION AREA

SCALE: 40 : 1

RECOMMENDED PRINTED CIRCUIT HOLE

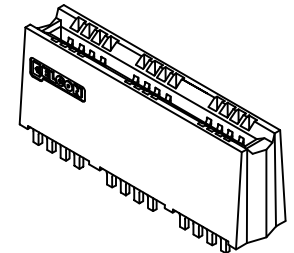
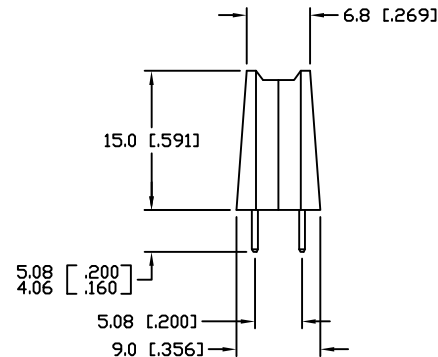
FINISHED HOLE: $\varnothing 1.02 \pm 0.08$ [$\varnothing 0.040 \pm 0.003$]

DRILLED HOLE: $\varnothing 1.15 \pm 0.013$ [$\varnothing 0.0453 \pm 0.0005$]

COPPER PLATE: 0.025 [0.0010] MINIMUM (PER SURFACE)

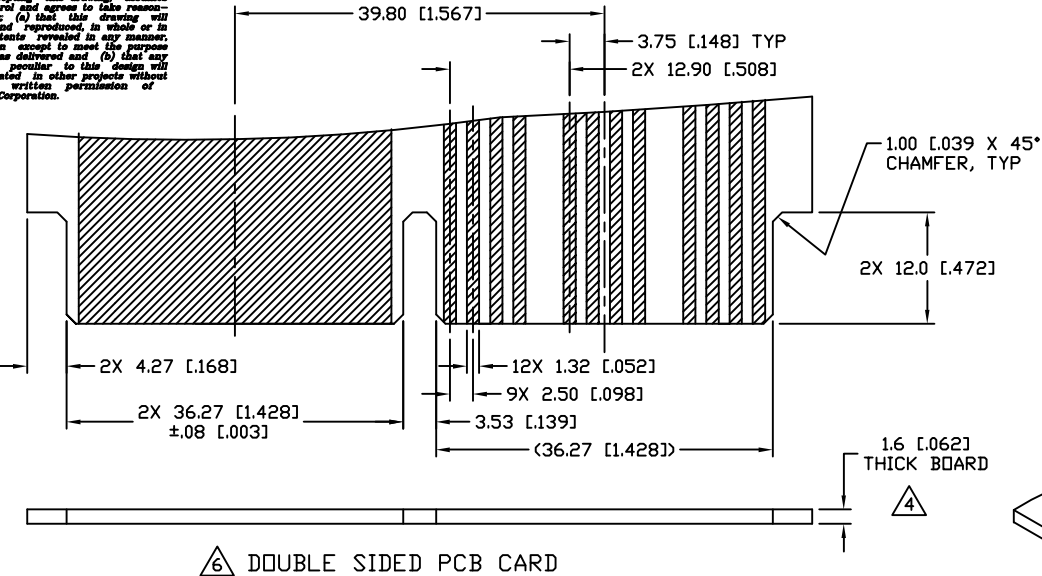
TIN PLATE: 0.008 [0.0003] MINIMUM (PER SURFACE)

REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

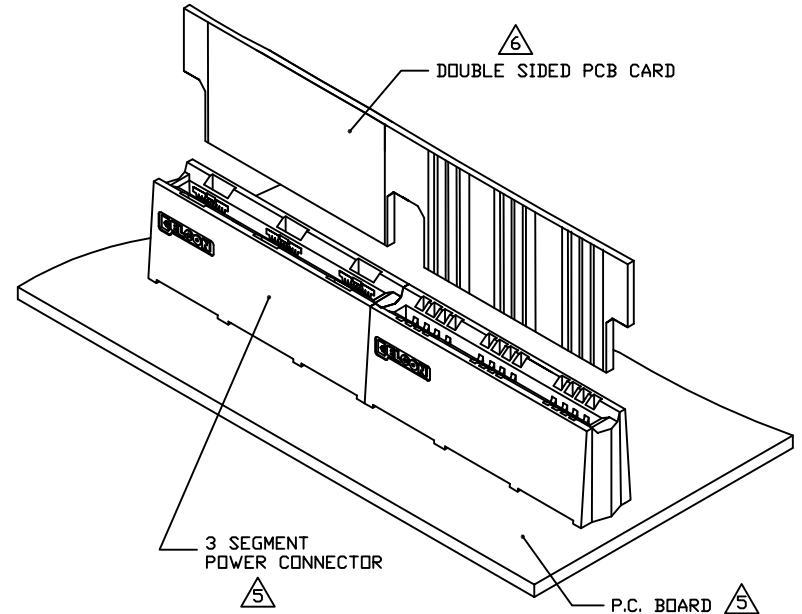


MM INCH OR MM [INCH]  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN	DATE	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	HA NGUYEN	07/26/06	TITLE CONNECTOR, SOCKET STANDARD, SOLDER TAIL CROWN EDGE		
	CHECKED				
	APPROVED				
	APPROVED				
STEVE FLICKINGER	07/26/06	SIZE	DWG NUMBER	REV.	
DCA APPROVED		B	C = 6651193	A	
HA NGUYEN	07/26/06				
ACAD FILE NUMBER	C6651193A.DWG		DWG SCALE	2=1	SH 2 OF 3

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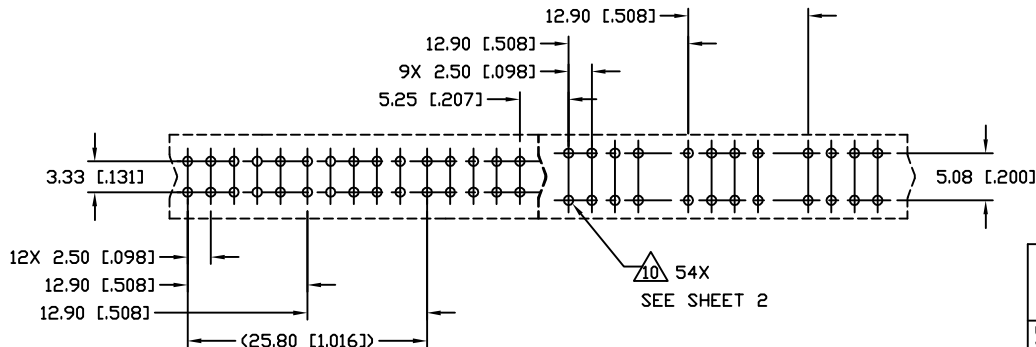
6 DOUBLE SIDED PCB CARD



DOUBLE SIDED PCB CARD

3 SEGMENT POWER CONNECTOR

P.C. BOARD



5 RECOMMENDED PCB LAYOUT

MM INCH	OR MM [INCH]	DRAWN HA NGUYEN	DATE 07/26/06	tyco Electronics		Tyco Electronics Corporation Menlo Park, Ca 94025		ELCON	
THIRD ANGLE PROJECTION		CHECKED		TITLE					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED		USER INFORMATION					
TOLERANCES		APPROVED		RECOMMENDED PCB LAYOUT					
ANGLES ± .5°		STEVE FLICKINGER	07/26/06	SIZE		DWG NUMBER		REV.	
DECIMALS		DCA APPROVED		B		C = 6651193		A	
.XX ± .25 [.010]		HA NGUYEN	07/26/06						
.X ± .5 [.020]		ACAD FILE NUMBER	C6651193A.DWG			DWG SCALE		2=1	
								SH 3 OF 3	