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REVISIONS			
EC	REV	DESCRIPTION	DATE
0S1Q-0400-04	A	NEW RELEASE	11/04/04

8. PART NUMBER INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	TERMINATION TYPE	PC TAIL LENGTH	RECOMMENDED MOUNTING BOARD	MATING BOARD
SOCKET	6650380-1	287-0032-12101	SOLDER TAIL (SHORT)	3.56 [.140] 2.54 [.100]	1.6 [.062] THICK	1.6 [.062] THICK
SOCKET	6650380-2	287-0032-12301	SOLDER TAIL (STANDARD)	5.08 [.200] 4.06 [.160]	3.2 [.125] OR THINNER	1.6 [.062] THICK

NOTES: UNLESS OTHERWISE SPECIFIED;

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

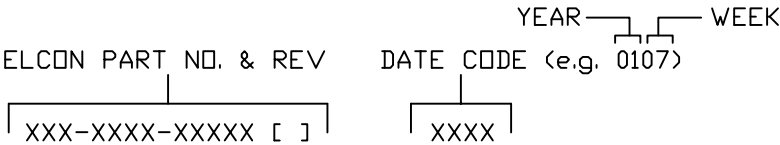
INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK, UL94V-0 FLAMMABILITY RATED.

CONTACTS: PHOSPHOR-BRONZE ALLOY.
3. FINISHES:

CONTACTS: SELECTIVE GOLD PLATED PER MIL-G-45204 TYPE II, GRADE C, CLASS 0. 000030" MIN. THK, OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS.

TERMINALS: TIN PLATED, MATTE FINISH, .000120" TO .000170" THICK.

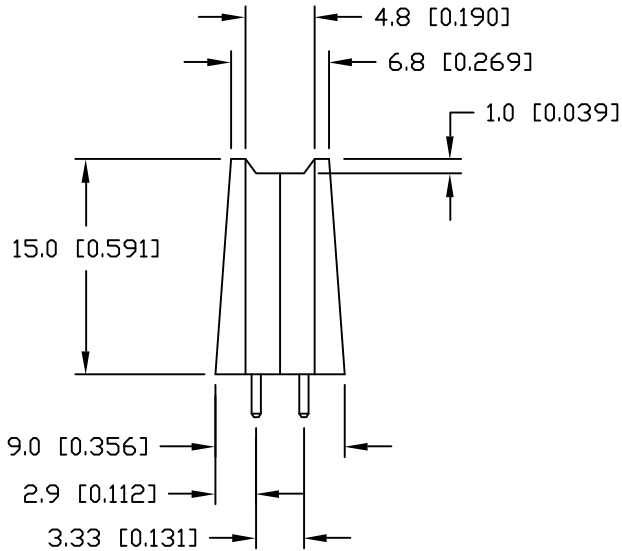
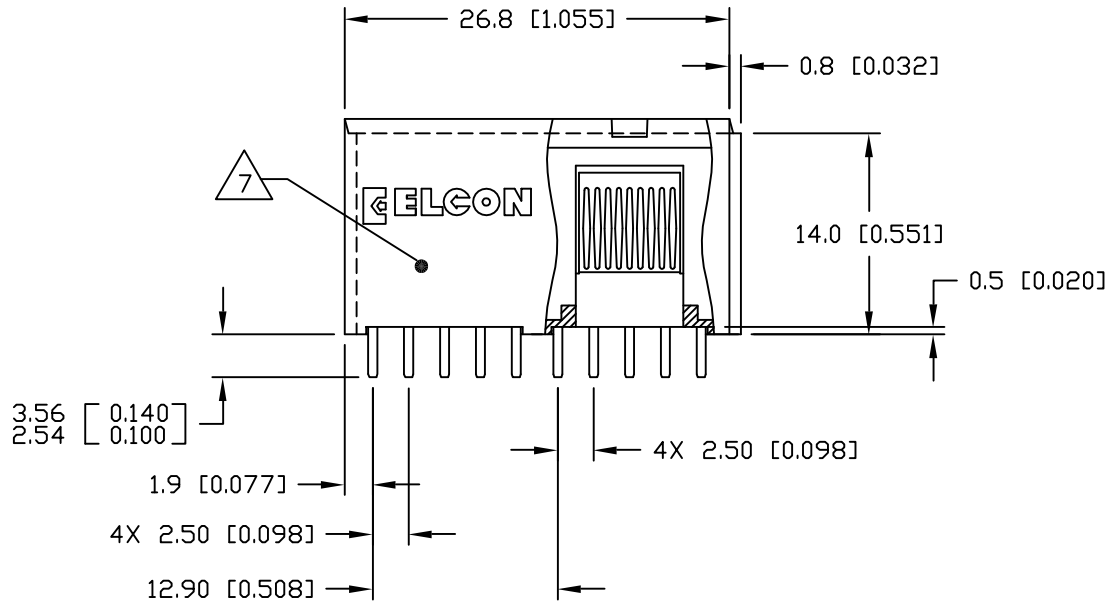
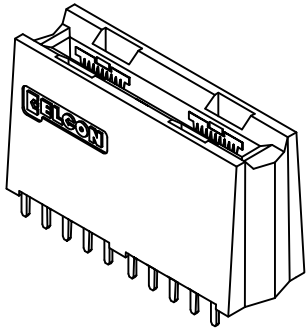
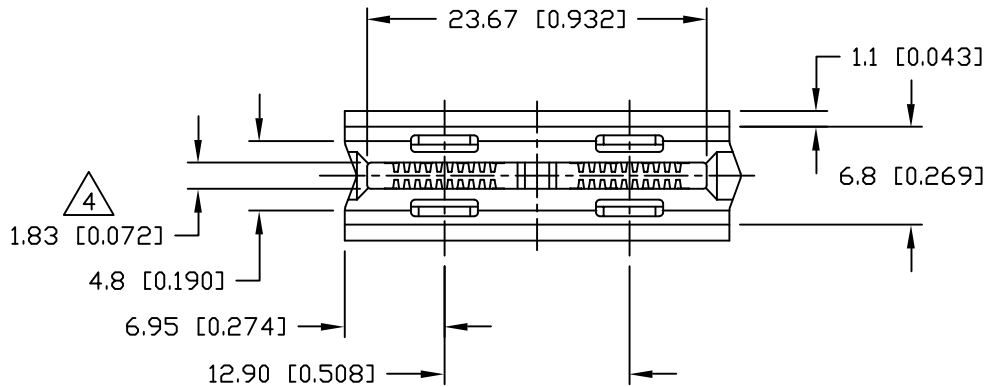
4. SOCKETS ACCEPT 1.6 [.062] ± 10% THK PC BOARD.
5. EXAMPLE PCB CONFIGURATION SHOWING SEQUENCING.
6. THIS 2 X 2 SEGMENT CONFIGURATION SHOWN IS FOR REFERENCE ONLY. COMBINATION OF MULTIPLE NUMBERS OF 2 AND 3 SEGMENT MODULES COULD BE USED PER USER PREFERENCE. OVERALL COMBINATION SHOULD NOT EXCEED 8" IN LENGTH.
7. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



← 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 R. F. A.	DATE 11/04/04	Tyco Electronics Corporation Menlo Park, Ca 94025		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWN EDGE 4 POSN POWER, STRAIGHT, SOLDER		
	APPROVED		PN: 287-0032-12101/287-0032-12301		
	D. CHAU	11/04/04	SIZE	DWG NUMBER	REV.
	DCA APPROVED	11/08/04	B	C = 6650380	A
	M. ALIM		ACAD FILE NUMBER C6650380A.DWG		
			DWG SCALE 2=1		SH 1 OF 5

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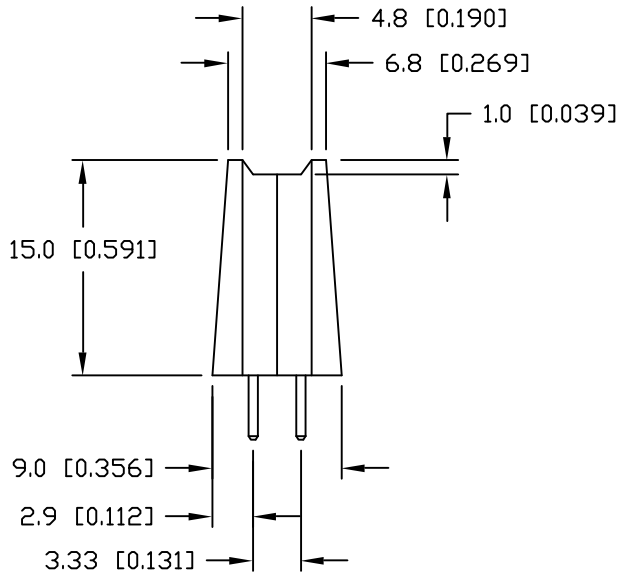
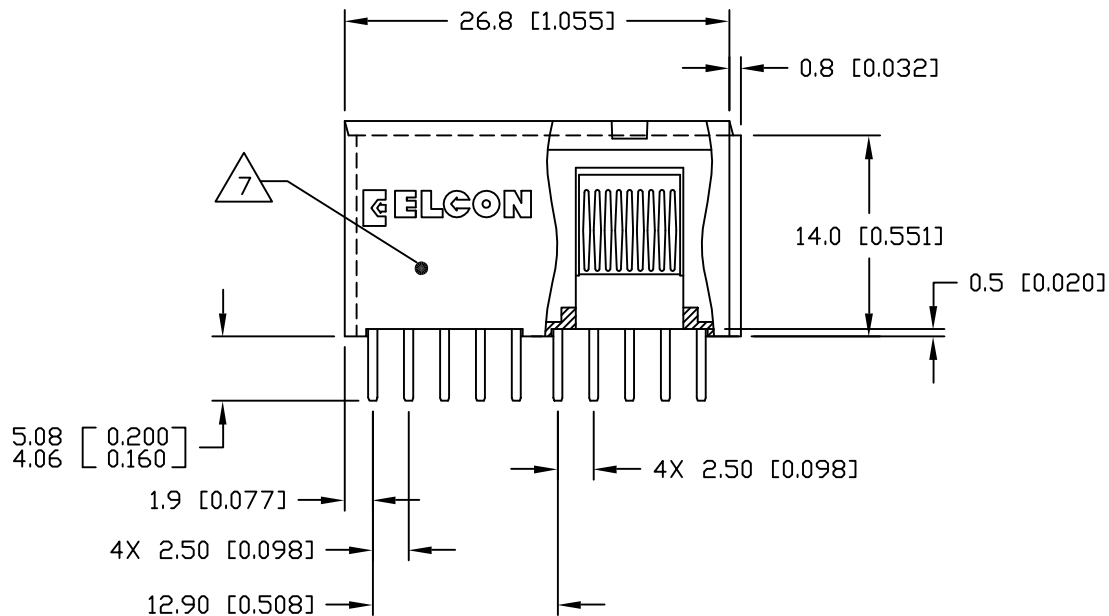
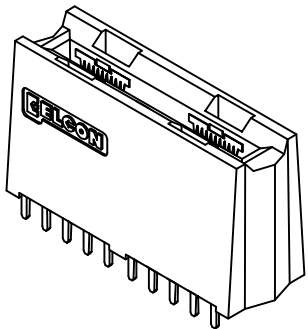
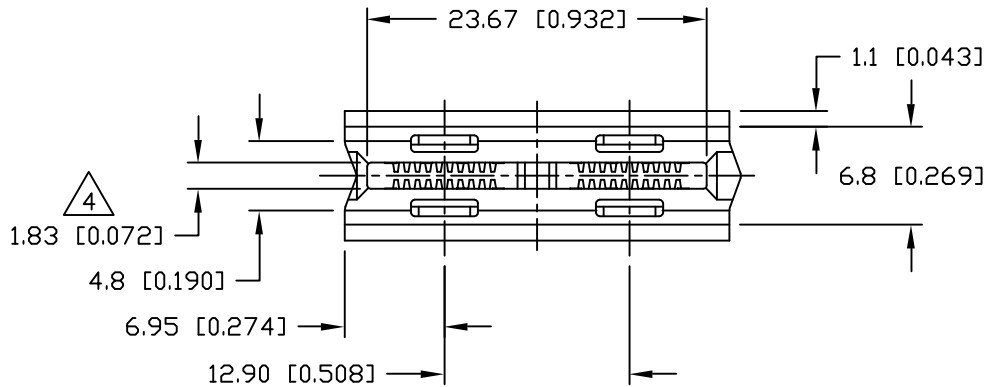
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



← 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 R. F. A.	DATE 11/04/04	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, CROWN EDGE 4 POSN POWER, STRAIGHT, SOLDER PN: 287-0032-12101		
	APPROVED D. CHAU	11/04/04	SIZE B	DWG NUMBER C = 6650380	REV. A
	DCA APPROVED M. ALIM	11/08/04			
ACAD FILE NUMBER		C6650380A.DWG		DWG SCALE 2=1	SH 2 OF 5

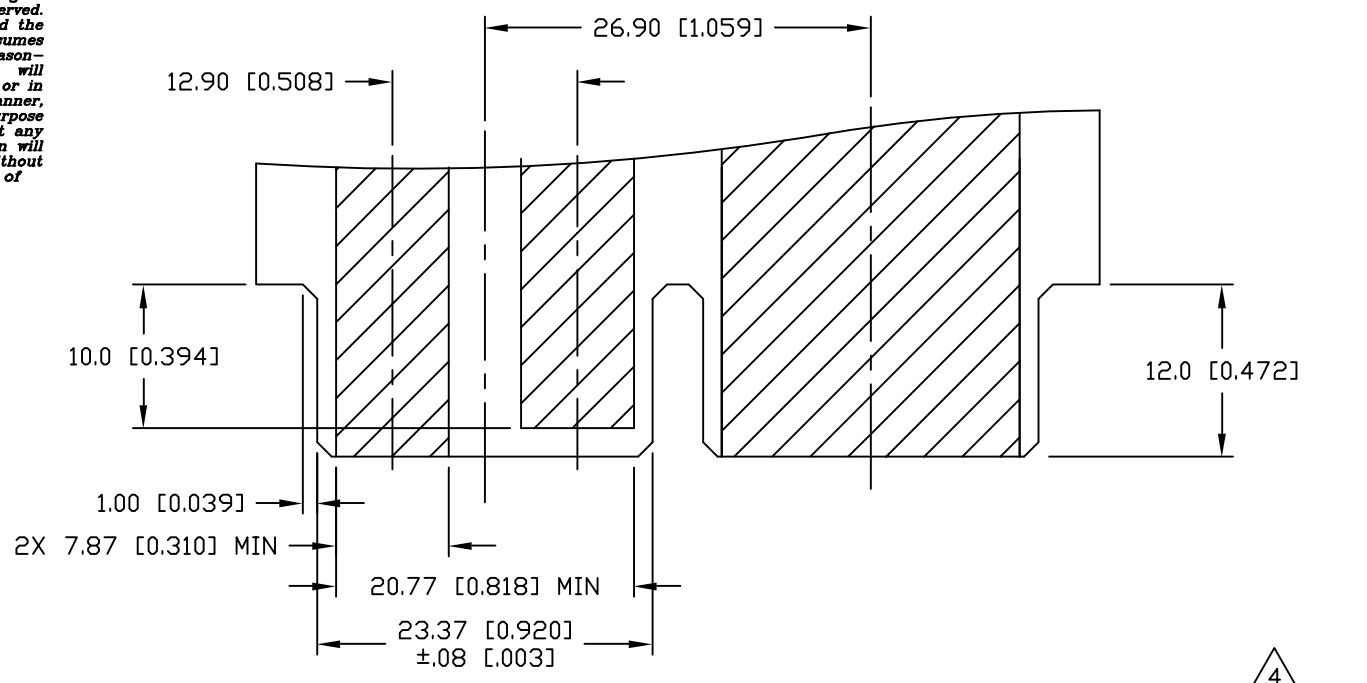
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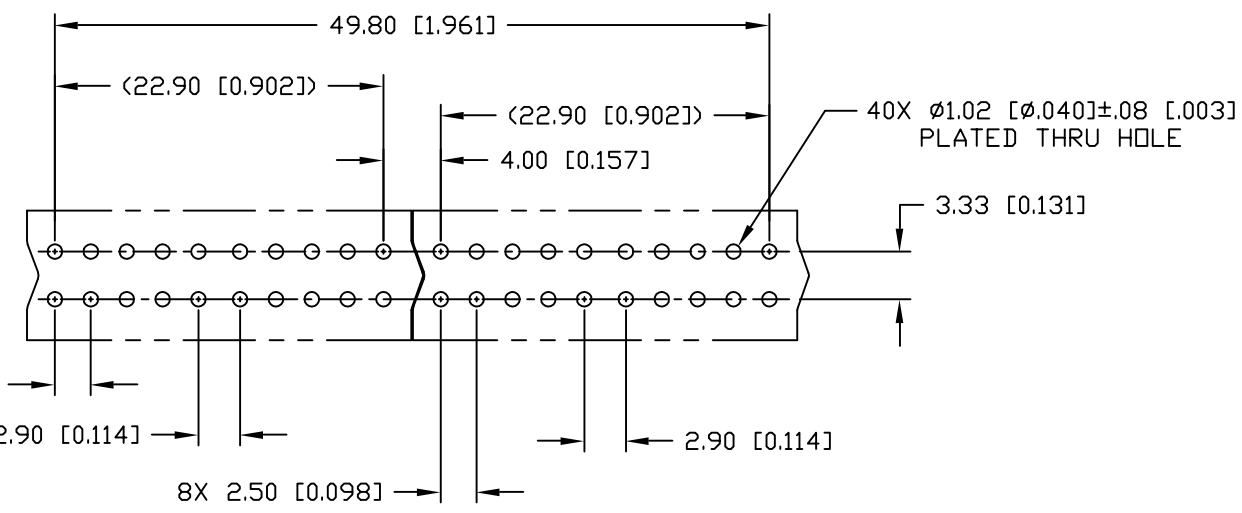


MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 11/04/04	Tyco Electronics Corporation Menlo Park, Ca 94025		TITLE SOCKET CONNECTOR, CROWN EDGE 4 POSN POWER, STRAIGHT, SOLDER PN: 287-0032-12301	
	CHECKED					
	APPROVED					
	APPROVED D. CHAU	11/04/04	SIZE B	DWG NUMBER C = 6650380		REV. A
	DCA APPROVED M. ALIM	11/08/04				
ACAD FILE NUMBER C6650380A.DWG		DWG SCALE 2=1		SH 3 OF 5		

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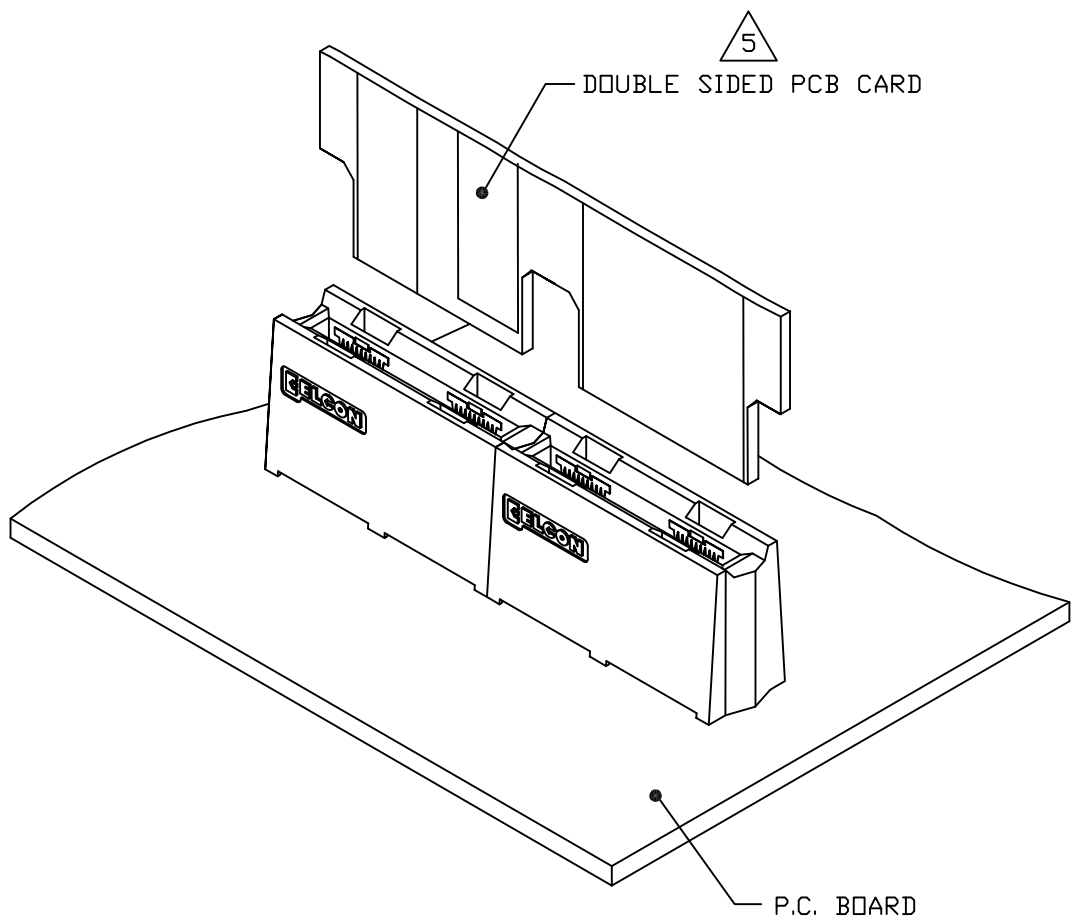


6 DOUBLE SIDED P.C.B. CARD



6 RECOMMENDED P.C. BOARD LAYOUT

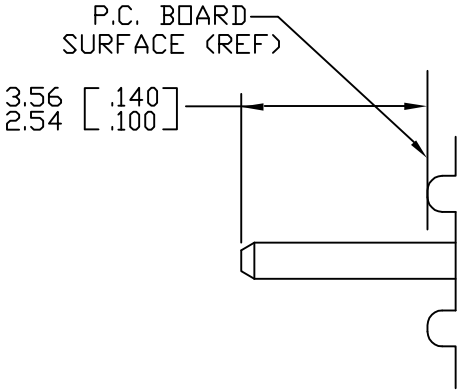
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



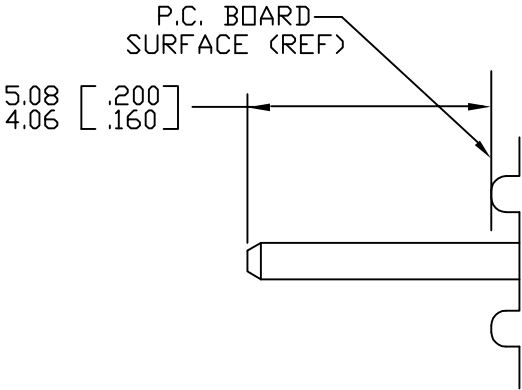
MM INCH THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 11/04/04	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE	
	APPROVED		RECOMMENDED PCB LAYOUT PN: 287-0032-12101 PN: 287-0032-12301	
	APPROVED D. CHAU	11/04/04	SIZE B	DWG NUMBER C = 6650380
	DCA APPROVED M. ALIM	11/08/04	REV. A	
ACAD FILE NUMBER C6650380A.DWG		DWG SCALE 2=1		SH 4 OF 5

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		SEE SHEET 1	



SOLDER PIN DETAIL



SOLDER PIN DETAIL

RECOMMENDED PRINTED CIRCUIT HOLE

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 R. F. A.	DATE 11/04/04	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON			
	CHECKED		TITLE SOCKET CONNECTOR, CROWN EDGE USER INFORMATION SOLDER TAIL TERMINATION			
	APPROVED					
	APPROVED					
	D. CHAU	11/04/04	SIZE B	DWG NUMBER C = 6650380		REV. A
DCA APPROVED M. ALIM	11/08/04					
ACAD FILE NUMBER		C6650380A.DWG		DWG SCALE 2=1		SH 5 OF 5

Mouser Electronics

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[6650380-2](#)