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REVISIONS

EC	REV	DESCRIPTION	DATE
0S1Q-0313-04	C	INITIAL RELEASE	8/26/04

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:

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

SOLDER SIGNAL PIN: BRASS ALLOY.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY.

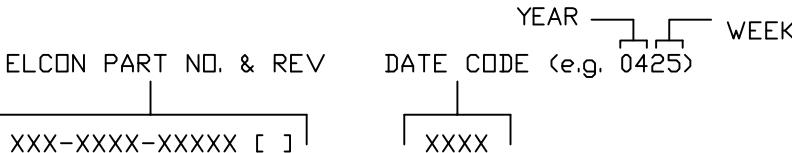
3. FINISHES:

CONTACTS: GOLD PLATED PER TYCO SPEC 112-162-5, .00076 [.000030] MIN THICK
OVER NICKEL PER TYCO SPEC 112-25-2, .00130 [.000050] MIN THICK.

SOLDER TAILS: TIN PLATED PER LEAD FREE TYCO SPEC. 112-65-1, MATT-FINISH
.0030 TO .0043 [.000120 TO .000170] THICKNESS.

4 ALL POWER BLADES ARE ONE-PIECE CONSTRUCTION.

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

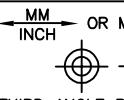


6. THIS CONNECTOR MATES WITH SOCKET CONNECTORS PN 278-0454-00200/00400.

7. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
PIN	6651843-1	478-0454-10100C	FP0151	2	8	2	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
			FP0152	1		1				
			FP0502	1			STRAIGHT GUIDE SOCKET			

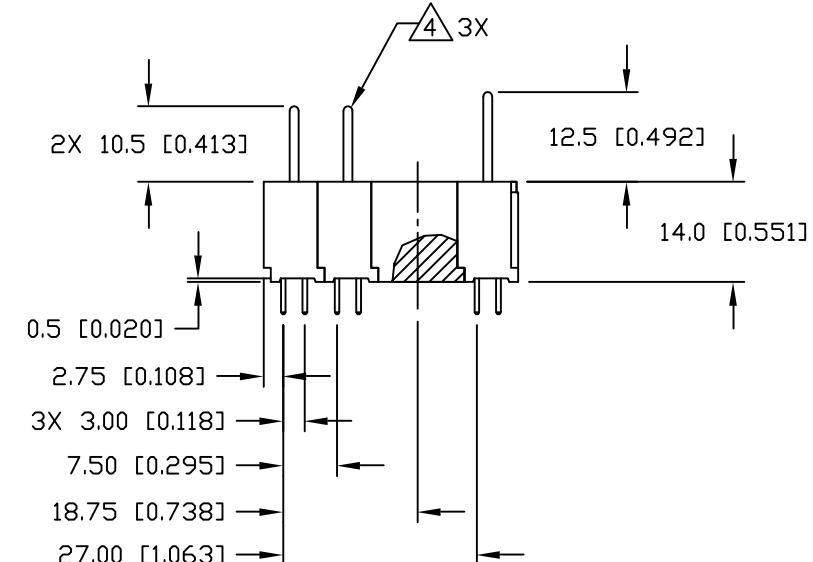
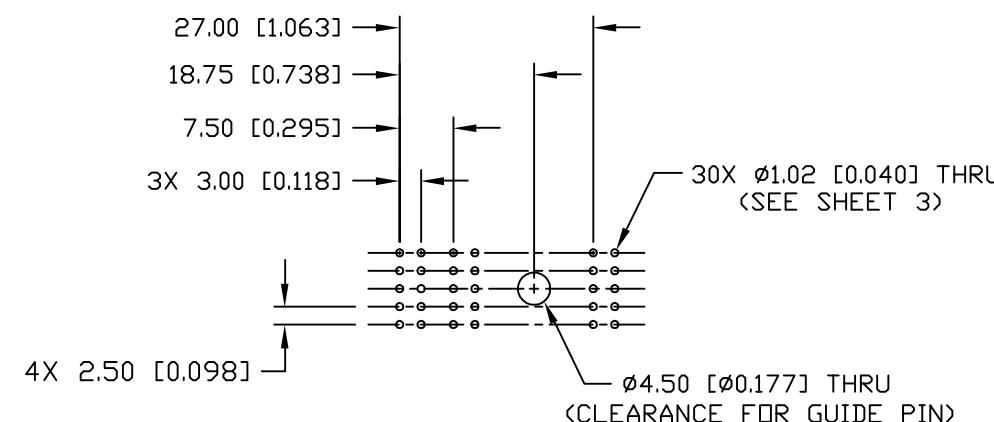
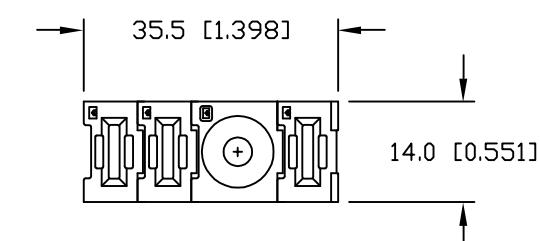
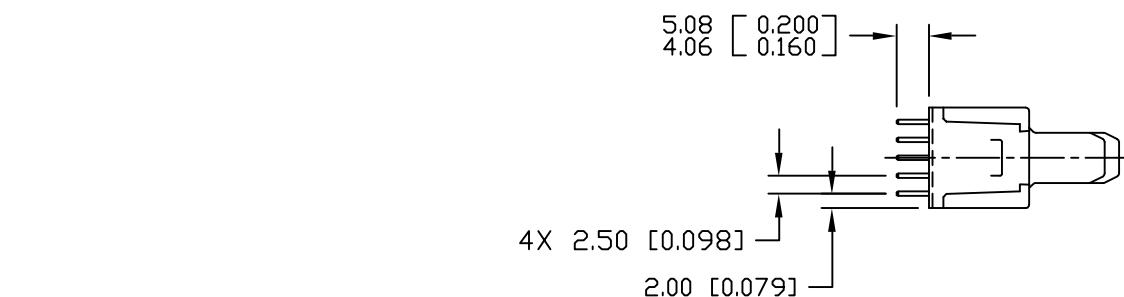
*IAW IEC-950

 <small>THIRD ANGLE PROJECTION</small>	DRAWN R.F.A.	DATE 08/25/04	 <small>Tyco Electronics</small> <small>Tyco Electronics Corporation</small> <small>Menlo Park, Ca 94025</small>
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	08/26/04	
.XX $\pm .25$ [.010]	DCA APPROVED		
.X $\pm .5$ [.020]	M. ALIM	09/07/04	
ACAD FILE NUMBER	C6651843C.DWG		
DWG SCALE	1=1	SH 1 OF 3	

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REVISIONS

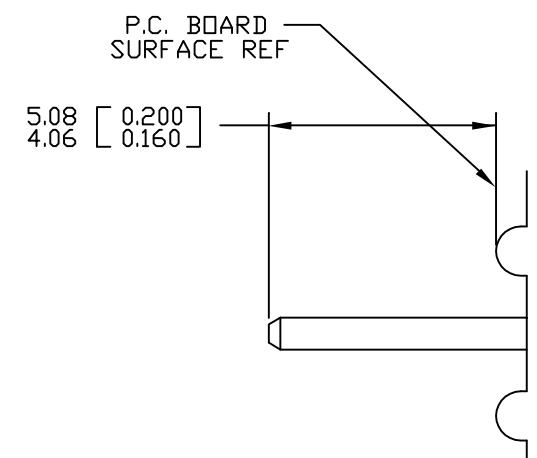
EC	REV	DESCRIPTION	DATE
SEE SHEET 1			



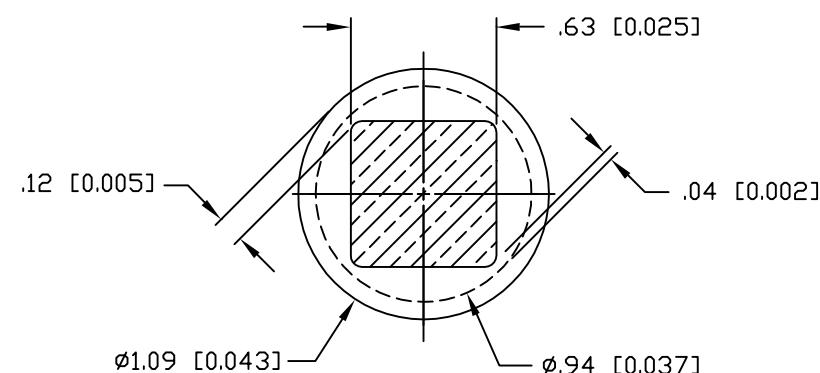
PRINTED CIRCUIT LAYOUT

 <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</small>	DRAWN	DATE	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
APPROVED				TITLE
APPROVED				PIN CONNECTOR, FLATPAQ STRAIGHT, SOLDER TAILS PN: 478-0454-10100C
ANGLES $\pm .5^\circ$				
D. CHAU	08/26/04			
DECIMALS				
.XX $\pm .25$ [.010]				
.X $\pm .5$ [.020]				
ACAD FILE NUMBER	C6651843C.DWG	REV.		
				DWG SCALE 1=1 SH 2 OF 3

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SOLDER PIN DETAIL



SOLDER TERMINATION AREA

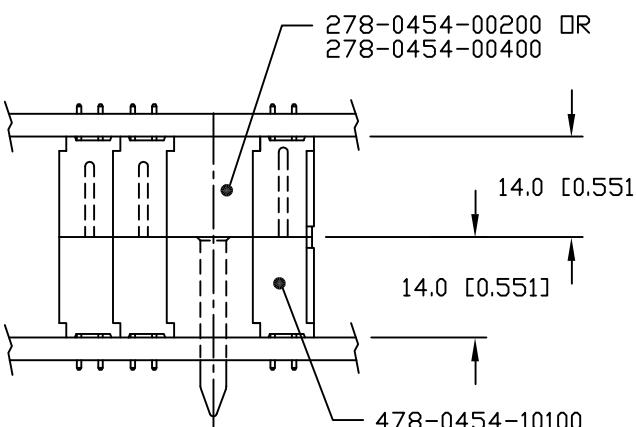
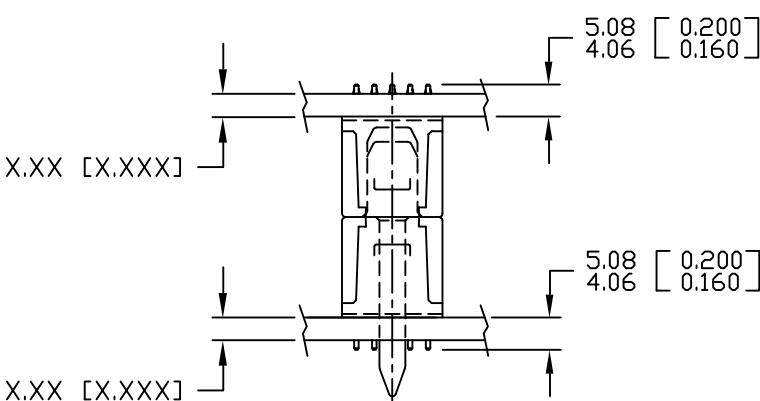
RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]

DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0035]

COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)



MATED CONDITION

 THIRD ANGLE PROJECTION	DRAWN R.F.A.	DATE 08/25/04	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		ELCON	
TOLERANCES ANGLES ± .5°	APPROVED		TITLE USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION	
	D. CHAU	08/26/04		
DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DCA APPROVED		SIZE B	
	M. ALIM	09/07/04		
ACAD FILE NUMBER		C6651843.C.DWG	REV. C	
		DWG SCALE	1 = 1	
		SH 3 OF 3		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6651843-1](#)