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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	2/10/06

6. CONTACT INFORMATION

CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6646474-1	FP800	1	8	3	1.25 X 7.00	35 AMPERES	7.50 [1.2953]	250 VAC
				8	5	1.25 X 7.00	35 AMPERES	VARIES	VARIES
				22	24	.64 [1.025] SQ.	3 AMPERES	2.50 [1.0984]	125 VOLTS

*IAW IEC-950

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.

SOLDER SIGNAL PIN: BRASS ALLOY.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.

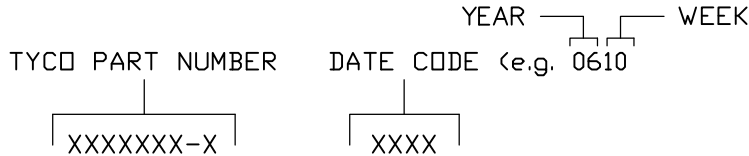
CROWN BANDS: COPPER ALLOY.
3. FINISHES:

CONTACTS: GOLD PLATE .000030" MIN. THK, OVER NICKEL .000040" MIN. THICKNESS.

TERMINALS: TIN PLATE, MATTE FINISH, .000100" MINIMUM THICKNESS.

4 MOUNTING FLANGE HOLES ACCEPT M3.5 OR #6 SCREWS (USER SUPPLIED).

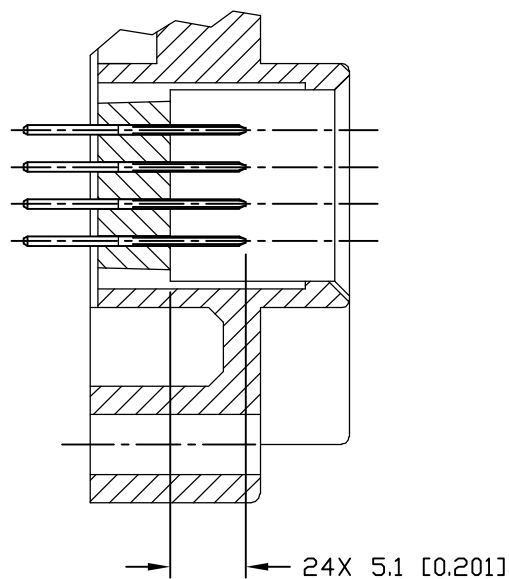
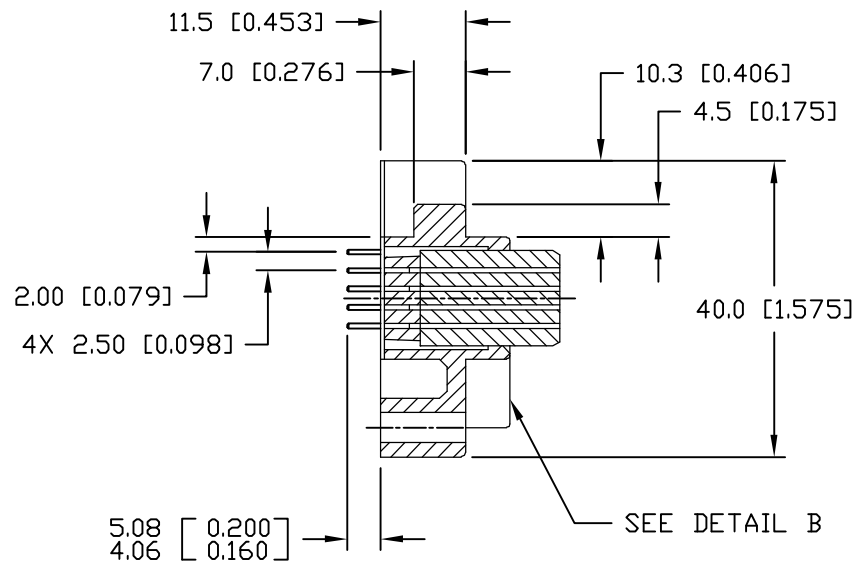
5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



TYCO PART NUMBER
6646474-1

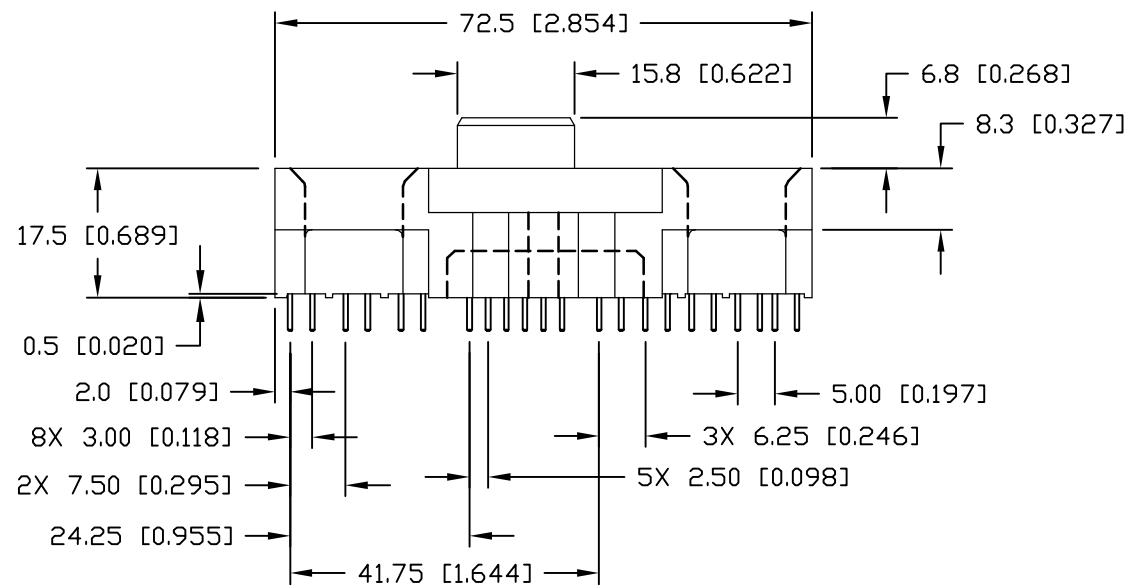
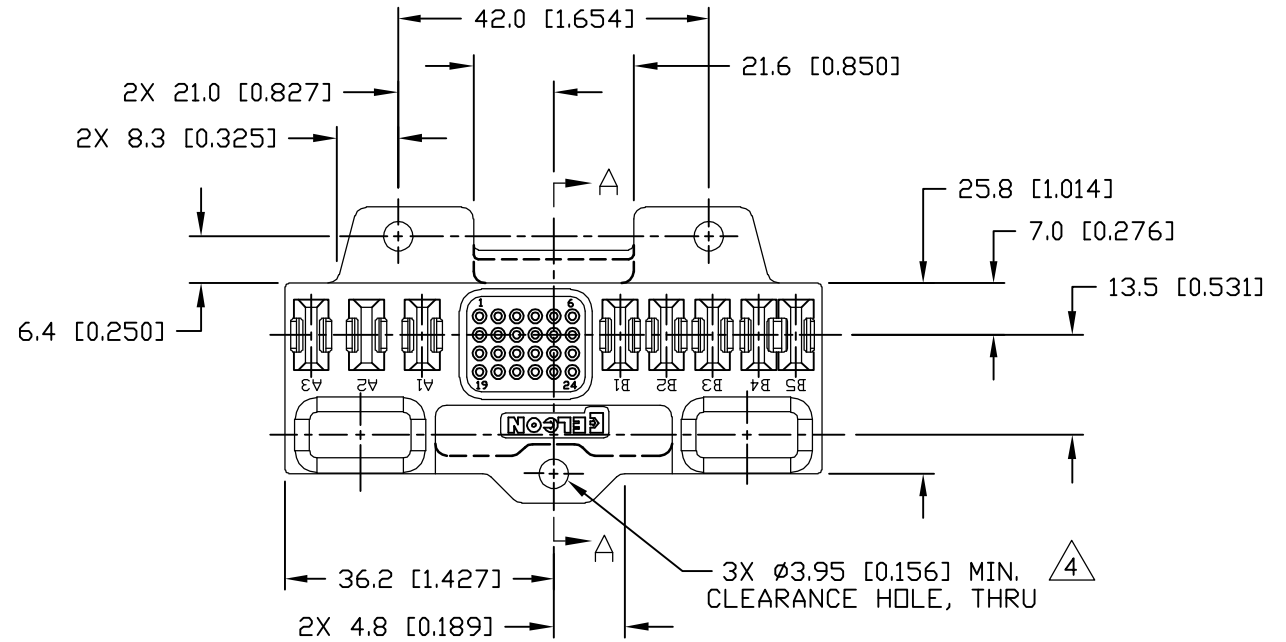
MM OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [1.010] .X ± .5 [1.020]	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025 *IAW IEC-950		
	R. F. A.	2/10/06			
	CHECKED		TITLE		
	APPROVED				
	APPROVED				
D. CHAU	2/10/06	SIZE	DWG NUMBER	REV.	
DCA APPROVED		B	C = 6646474	A	
ACAD FILE NUMBER		C6646474A.DWG		DWG SCALE 1=1	SH 1 OF 4

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DETAIL B

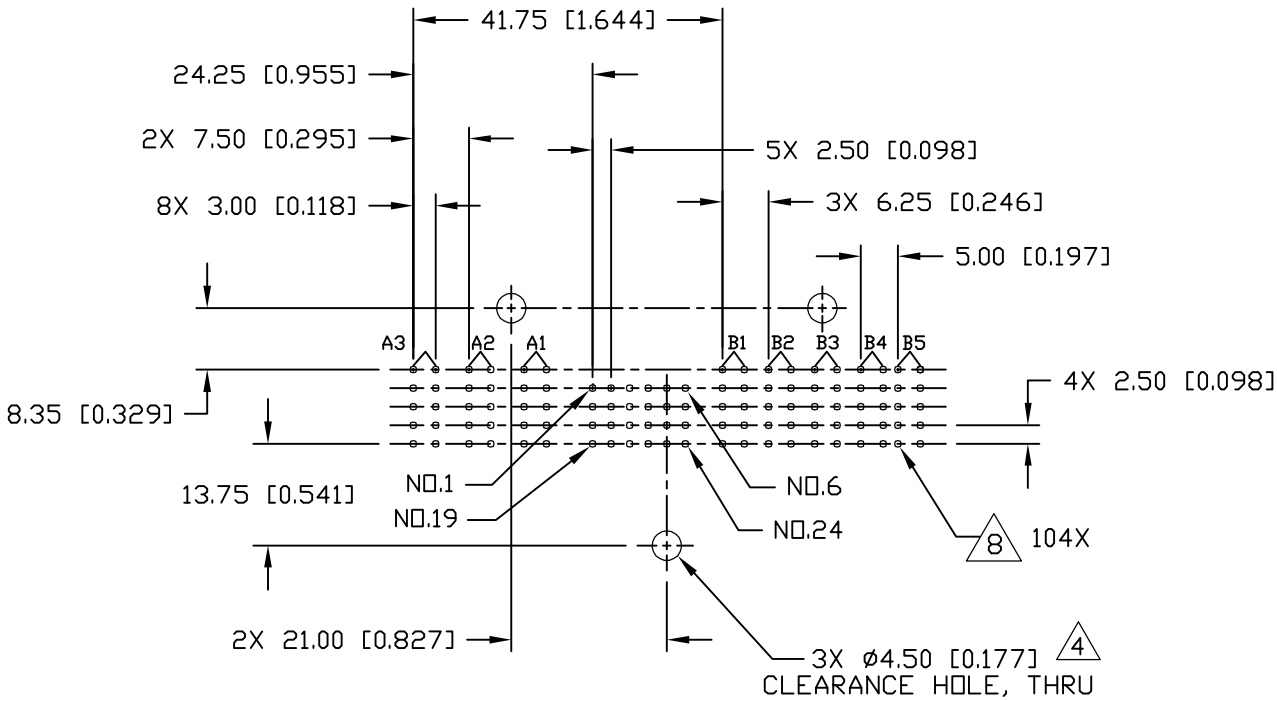
GENDER CHANGER NOT SHOWN FOR CLARITY



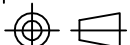
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A.	DATE 2/10/06	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, SERVERPAK STRAIGHT, SOLDER TAILS		
	APPROVED				
	D. CHAU	2/10/06	SIZE B	DWG NUMBER C = 6646474	REV. A
DCA APPROVED					
ACAD FILE NUMBER		C6646474A.DWG		DWG SCALE 1=1	SH 2 OF 4

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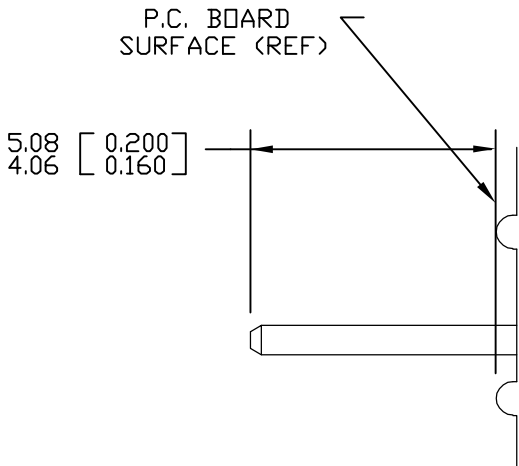
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



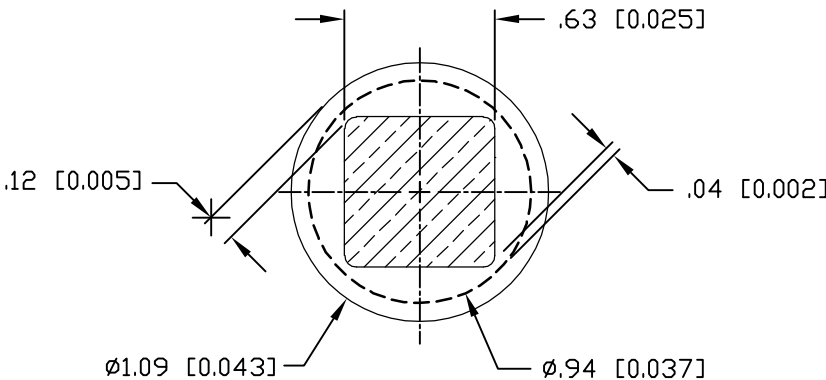
PRINTED CIRCUIT LAYOUT

← MM INCH OR MM [INCH]  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A.	DATE 2/10/06	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, SERVERPAK STRAIGHT, SOLDER TAILS PRINTED CIRCUIT LAYOUT		
	APPROVED D. CHAU	2/10/06	SIZE B	DWG NUMBER C = 6646474	REV. A
	DCA APPROVED M. ALIM				
ACAD FILE NUMBER		C6646474A.DWG		DWG SCALE 1=1	SH 3 OF 4

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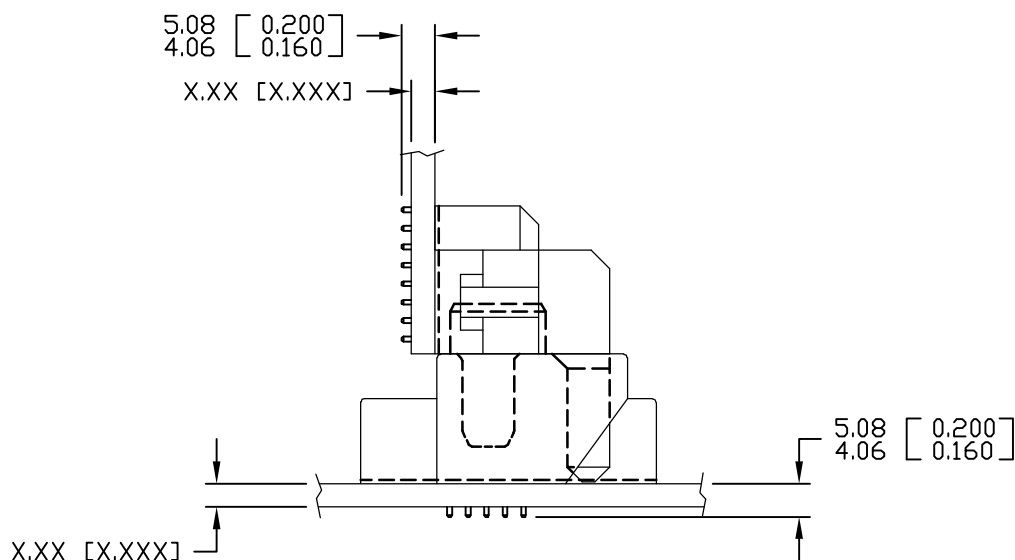


7. SOLDER PIN DETAIL

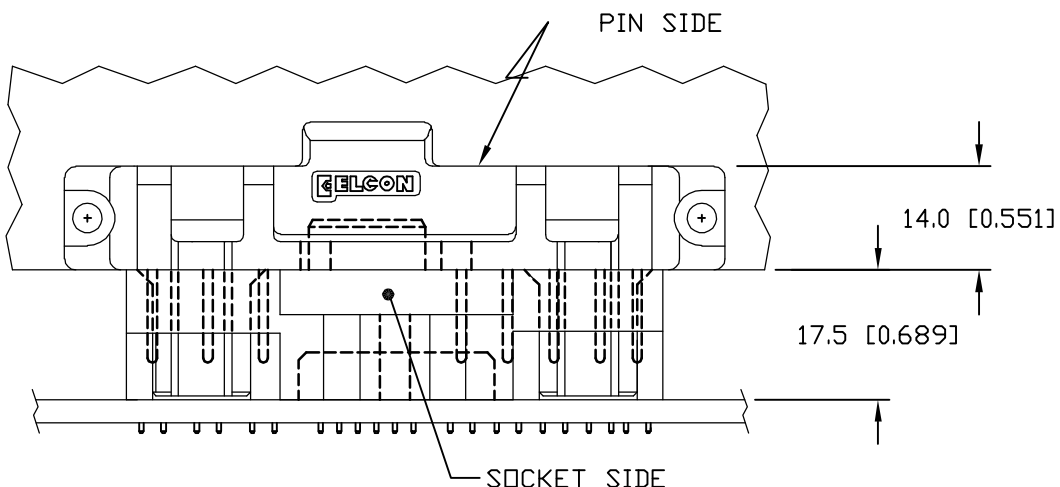


8. SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025-.050 [0.001-.002] MINIMUM (PER SURFACE)
TIN PLATE: .0005 [0.00002] MINIMUM (PER SURFACE)



MATED CONDITION



MM OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN	DATE	tyco Tyco Electronics Corporation ELCON Menlo Park, Ca 94025	
	R. F. A.	2/10/06		
	CHECKED		TITLE	
	APPROVED			
	APPROVED			
D. CHAU	2/10/06	USER INFORMATION		
DCA APPROVED		SOLDER TAIL TERMINATION		
ACAD FILE NUMBER		SIZE	DWG NUMBER	REV.
C6646474A.DWG		B	Ⓒ = 6646474	A
DWG SCALE		SH 4 OF 4		
1=1				

Mouser Electronics

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[6646474-1](#)