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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	1/31/06

7. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6646813-1	FP732	1	8	8	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
				22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
				LEFT MOUNTING FLANGE					
				RIGHT MOUNTING FLANGE					

*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 .000040" MIN. THICKNESS.
4. ALL POWER MODULES ARE NON HOT PLUG.
5. MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED).
6. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO PART NUMBER
6646813-1

TYCO PART NO.

XXXXXXX-X

DATE CODE (e.g. 0631)

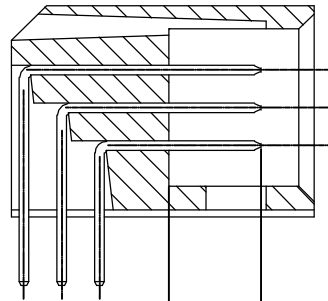
XXXX

YEAR

WEEK

← 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 1/31/06	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE		
	APPROVED		SOCKET CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS		
	APPROVED D. CHAU	1/31/06	SIZE B	DWG NUMBER C = 6646813	REV. A
	DCA APPROVED				
ACAD FILE NUMBER		C6646813A.DWG		DWG SCALE 1=1	SH 1 OF 3

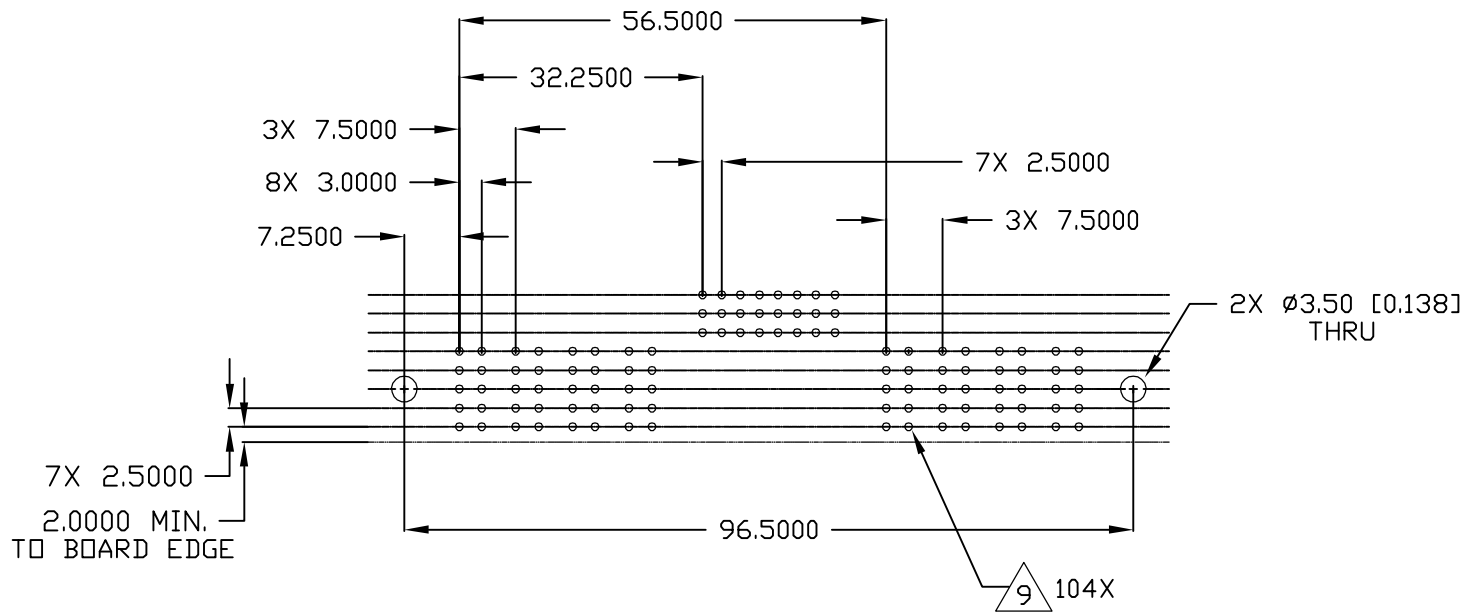
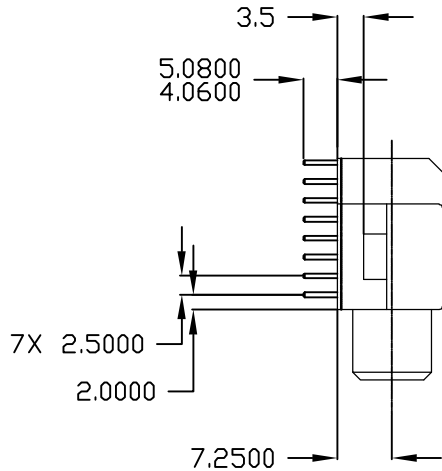
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24X 6.1

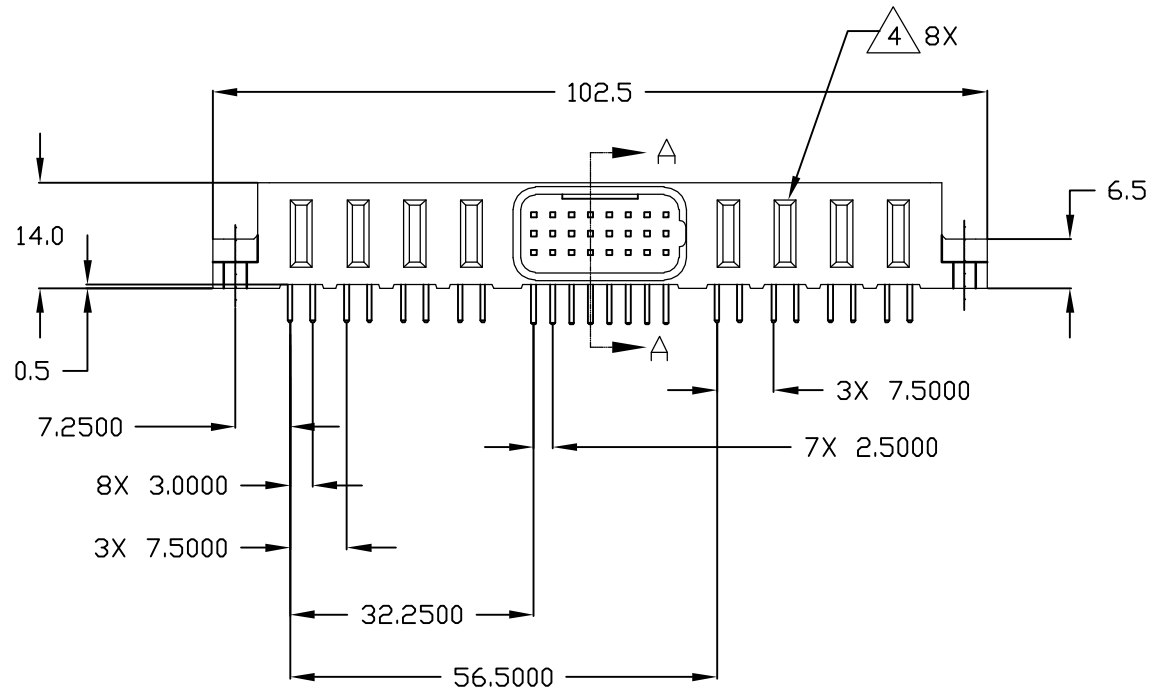
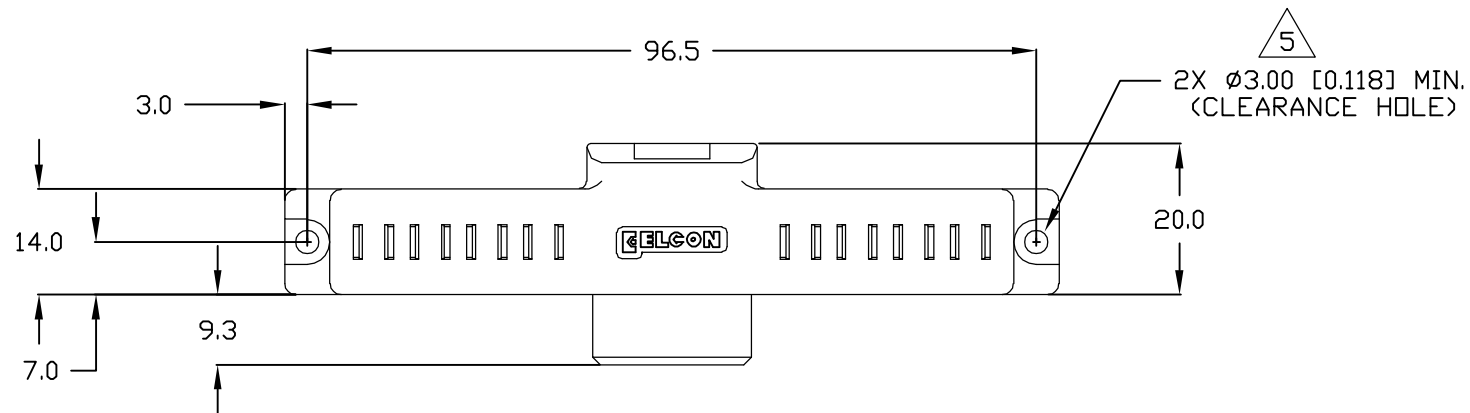
SECTION A-A

GENDER CHANGER NOT SHOWN FOR CLARITY



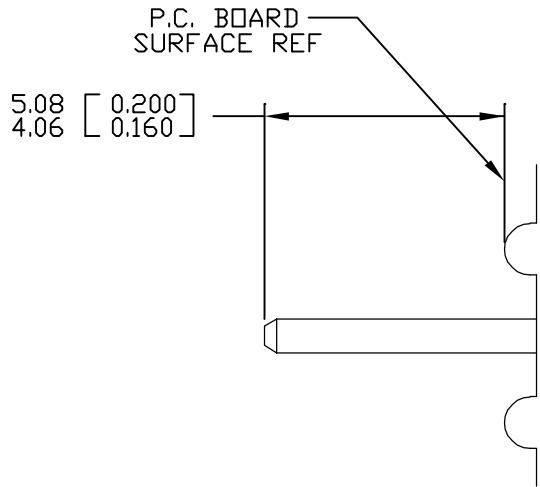
PRINTED CIRCUIT LAYOUT

REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

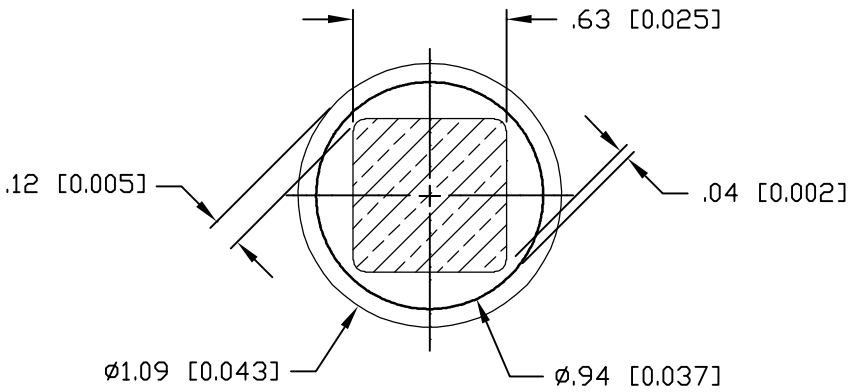


MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [0.010] .X ± .5 [0.020]	DRAWN R. F. A.	DATE 1/31/06	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON	
	CHECKED		TITLE SOCKET CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS	
	APPROVED		SIZE B	
	APPROVED D. CHAU	1/31/06	DWG NUMBER C = 6646813	
ACAD FILE NUMBER		C6646813A.DWG	DWG SCALE	1=1
			SH	2 OF 3

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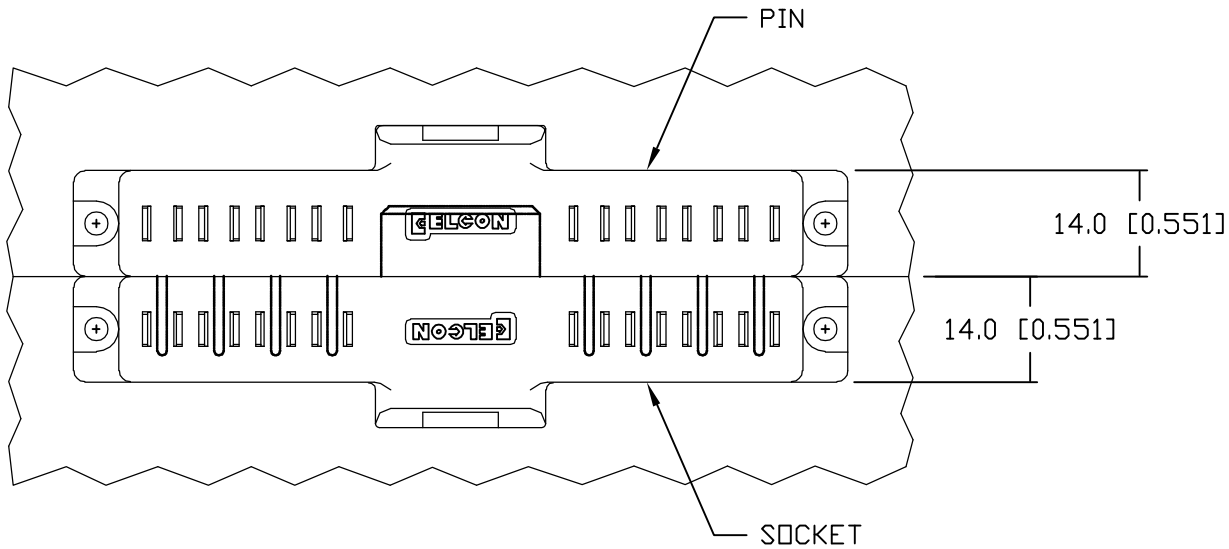
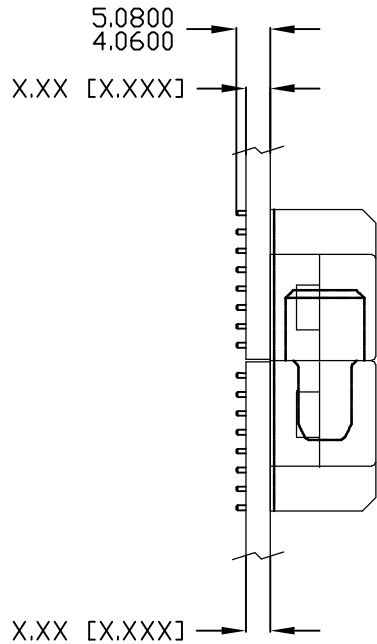


8. SOLDER PIN DETAIL



9 SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE
DRILLED HOLE: $\phi 1.15 [0.0453] \pm .013 [0.0005]$
COPPER PLATE: .025-.050 [0.001-.002] MINIMUM (PER SURFACE)
TIN PLATE: .0005 [0.00002] MINIMUM (PER SURFACE)



MATED CONDITION

MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XX $\pm .25 [0.010]$.X $\pm .5 [0.020]$	DRAWN R. F. A.	DATE 1/31/06	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON TITLE USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION		
	CHECKED				
	APPROVED				
	APPROVED D. CHAU	1/31/06	SIZE B	DWG NUMBER C = 6646813	REV. A
	DCA APPROVED				
ACAD FILE NUMBER		C6646813.DWG		DWG SCALE 1=1	SH 3 OF 3

Mouser Electronics

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[6646813-1](#)