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REVISIONS

EC	REV	DESCRIPTION	DATE
0S10-0206-05	A	NEW RELEASE	06/08/05

B

B

6. MODULE INFORMATION

NOTES: UNLESS OTHERWISE SPECIFIED.

- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- 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: BERYLLIUM COPPER ALLOY.

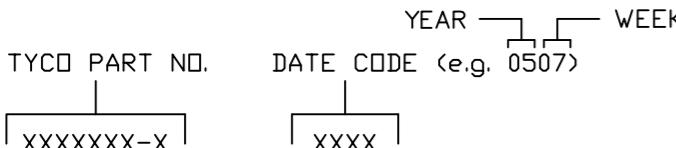
3. FINISHES:

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

TERMINALS: TIN PLATED, MATTE FINISH 000100" MIN. THICKNESS.

▲ MOUNTING FLANGES ACCEPT M3 OR NO. 4 SCREWS, (USER SUPPLIED)

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

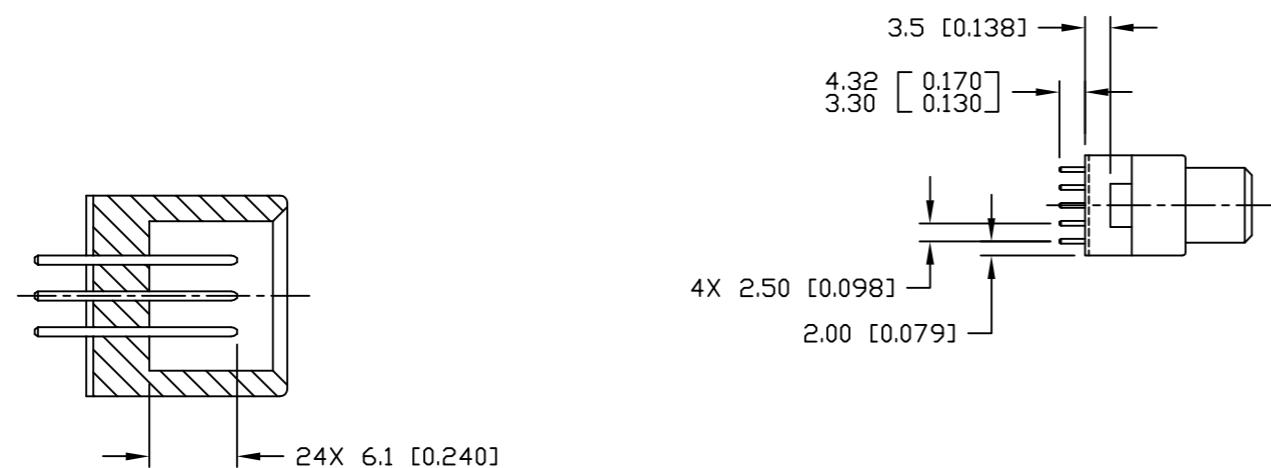


CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6646632-1	FP1100	2	8	2	.125 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
		FP1301	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
		FP1500	1	LEFT MOUNTING FLANGE					
		FP1501	1	RIGHT MOUNTING FLANGE					

*IAW IEC-950

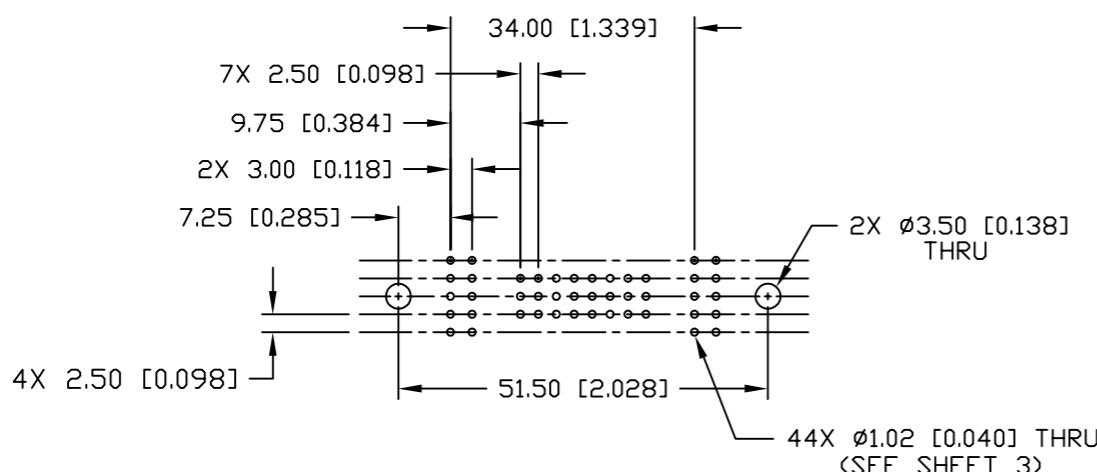
 <small>THIRD ANGLE PROJECTION</small>	DRAWN	DATE	 tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED			
TOLERANCES	APPROVED			
ANGLES $\pm .5^\circ$	D. CHAU	06/08/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	06/09/05		
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C6646632A.DWG	REV.	
			C - 6646632	A
			DWG SCALE	1 = 1
			SH 1 OF 3	

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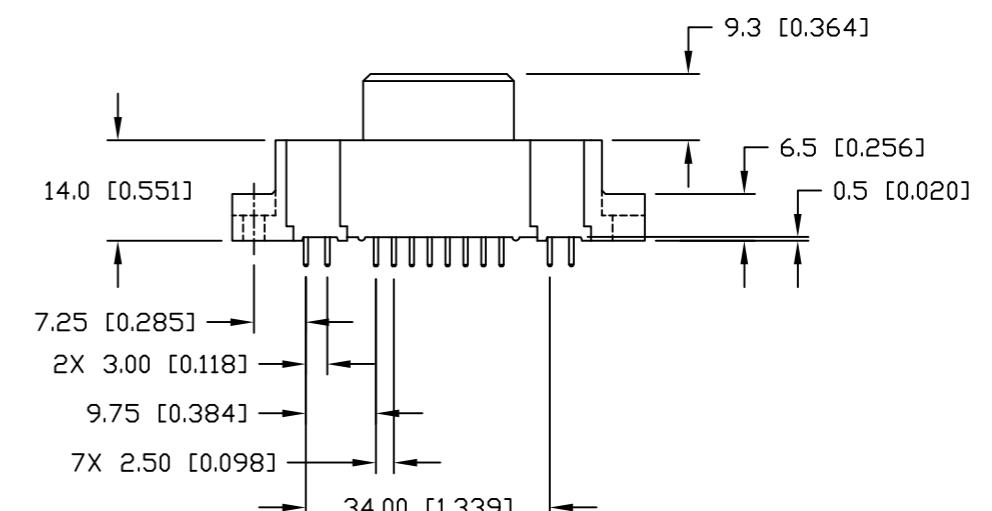
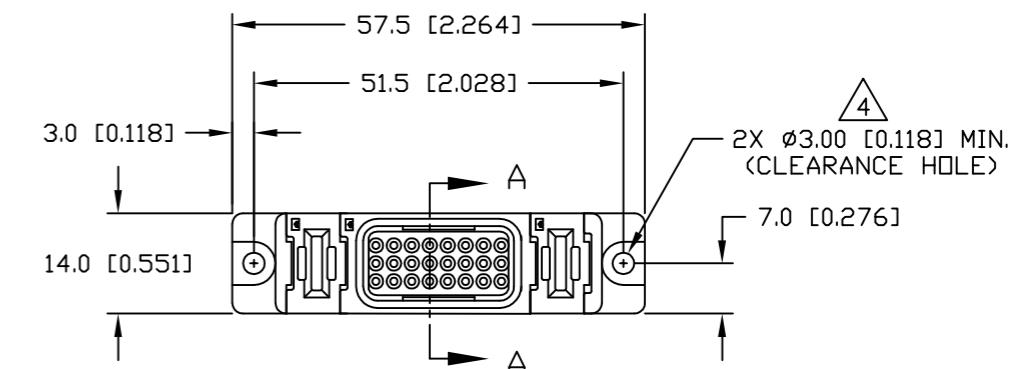
SECTION A-A

GENDER CHANGER NOT SHOWN FOR CLARITY



PRINTED CIRCUIT LAYOUT

REVISIONS			
EC	REV	DESCRIPTION	DATE
SEE SHEET 1			

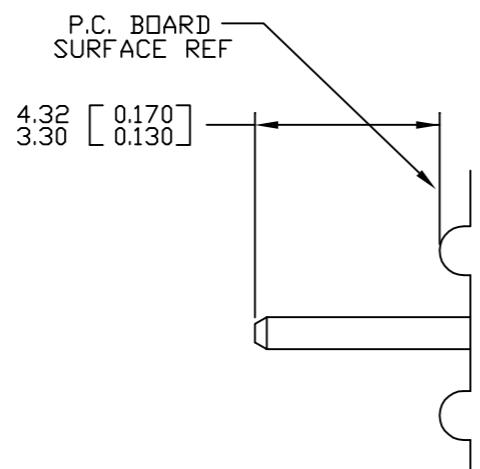
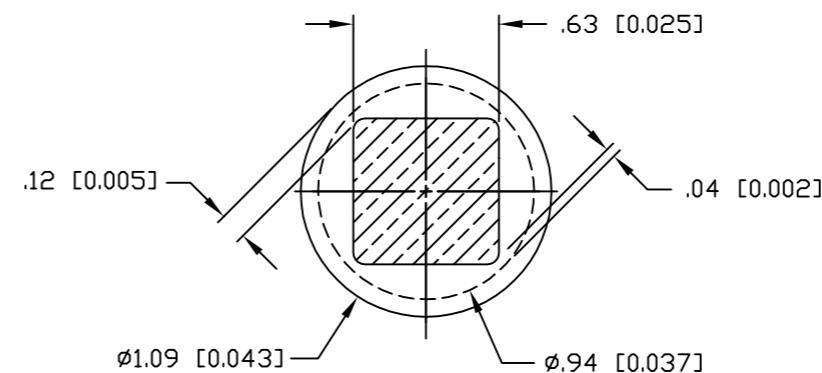


 OR MM [INCH]	DRAWN	DATE	
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		TITLE
TOLERANCES	APPROVED		CONNECTOR, SOCKET, STRAIGHT MEDIUM SOLDER TAILS FLATPAQ
ANGLES $\pm .5^\circ$	APPROVED		
DECIMALS	D. CHAU	06/08/05	
.XX $\pm .25$ [.010]	DCA APPROVED		
.X $\pm .5$ [.020]	M. ALIM	06/09/05	
ACAD FILE NUMBER	C6646632A.DWG		SIZE DWG NUMBER
			C - 6646632
			REV. A
		DWG SCALE 1 = 1	SH 2 OF 3

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REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

SOLDER PIN DETAILSOLDER TERMINATION AREA

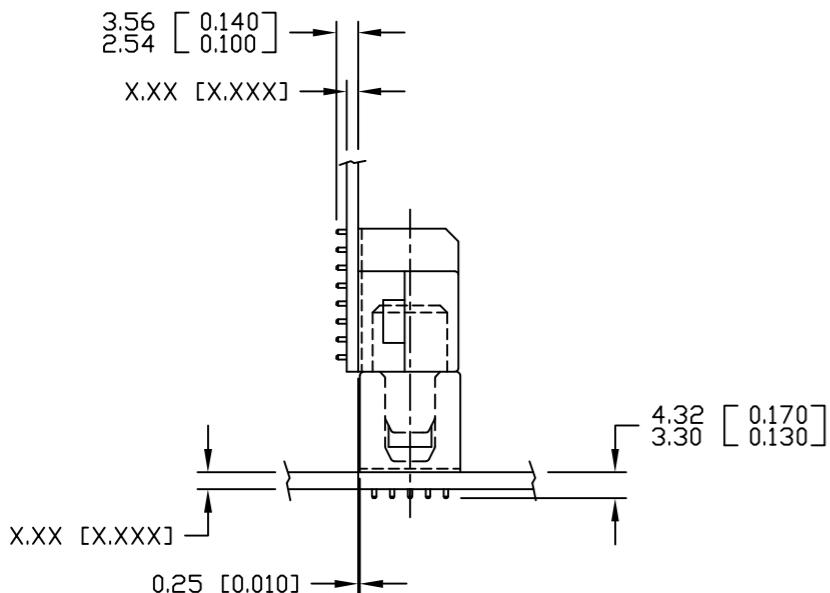
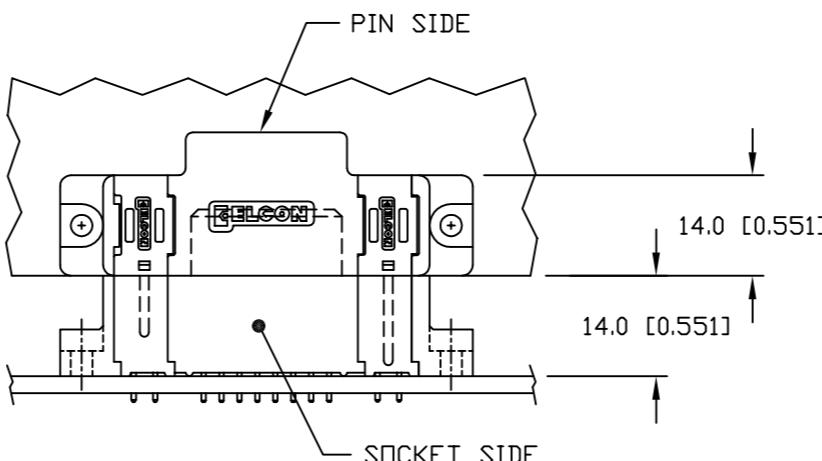
RECOMMENDED PRINTED CIRCUIT HOLE

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

DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]

COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)

MATED CONDITION

 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	DRAWN R. F. A.	DATE 06/07/05	 Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
APPROVED			TITLE
APPROVED D. CHAU	06/08/05		USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION
DECIMALS .XX ± .25 [.010]	DCA APPROVED M. ALIM	06/09/05	SIZE DWG NUMBER B C - 6646632
.X ± .5 [.020]	ACAD FILE NUMBER	C6646632A.DWG	REV. A
		DWG SCALE 1 = 1	SH 3 OF 3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6646632-1](#)