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REVISIONS

EC	REV	DESCRIPTION	DATE
—	A	NEW RELEASE	06/15/05

B

B

5. MODULE INFORMATION

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.

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.

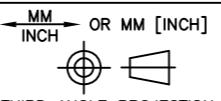
TERMINALS: TIN PLATED, MATTE FINISH .000100" MIN. THICKNESS.

4. 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*
PIN	1766688-1	FP0105	1	8	1	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [2.953]	250 VOLTS
		FP0106	1		1				

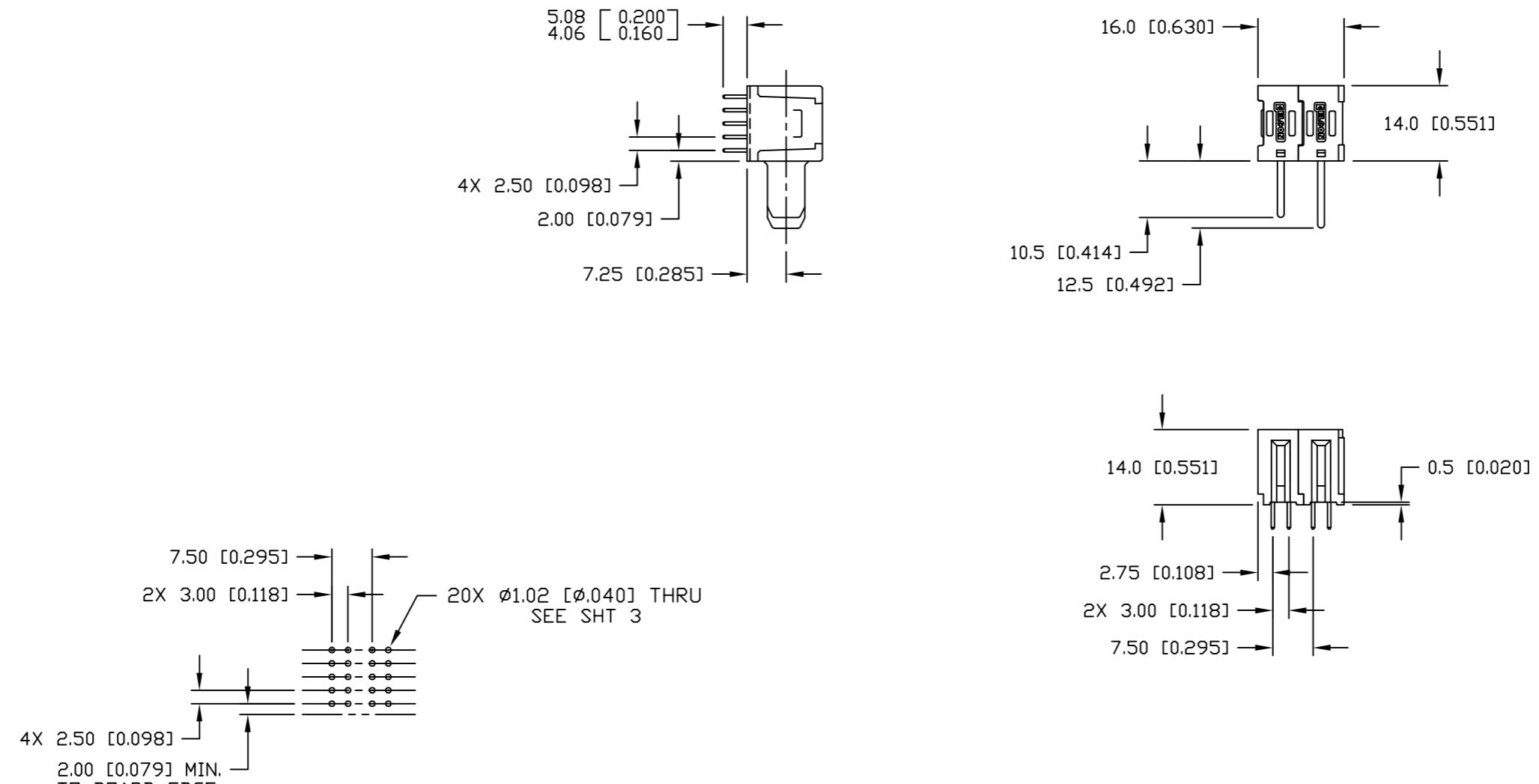
*IAW IEC-950

 THIRD ANGLE PROJECTION <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</small> <small>TOLERANCES</small> <small>ANGLES $\pm .5^\circ$</small> <small>DECIMALS</small> <small>.XX $\pm .25$ [.010]</small> <small>.X $\pm .5$ [.020]</small>	DRAWN	DATE	 Tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
<small>APPROVED</small>			ELCON CONNECTOR, PIN, RIGHT ANGLE STANDARD SOLDER TAILS, FLATPAQ PN 1766688-1
	APPROVED		
<small>ANGLES $\pm .5^\circ$</small>	D. CHAU	06/15/05	SIZE DWG NUMBER B C = 1766688
	DCA APPROVED		
<small>DECIMALS</small>	M. ALIM	06/16/05	REV. A
	ACAD FILE NUMBER	C1766688A.DWG	
		DWG SCALE 1=1	SH 1 OF 3

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REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

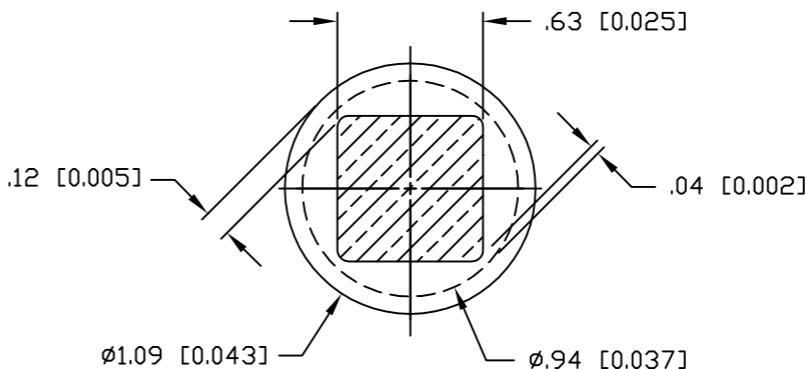
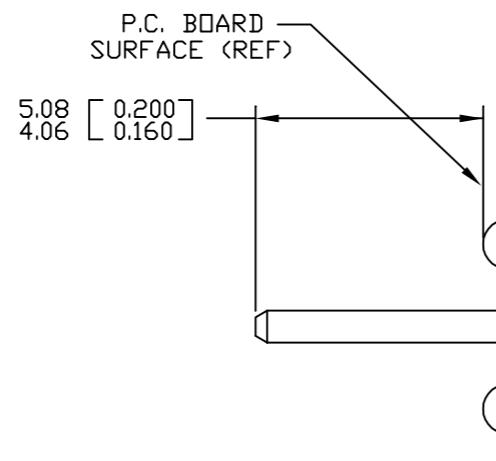


PRINTED CIRCUIT LAYOUT

 <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</small>	DRAWN	DATE	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
	APPROVED			
	APPROVED			
	D. CHAU	06/15/05		
	DCA APPROVED			
	M. ALIM	06/16/05		
	DECIMALS			
	.XX ± .25 [.010]			
	.X ± .5 [.020]			
	ACAD FILE NUMBER	C1766688A.DWG		
	DWG SCALE	1 = 1	SH 2 OF 3	

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		SEE SHEET 1	



SOLDER PIN DETAIL

SOLDER TERMINATION AREA

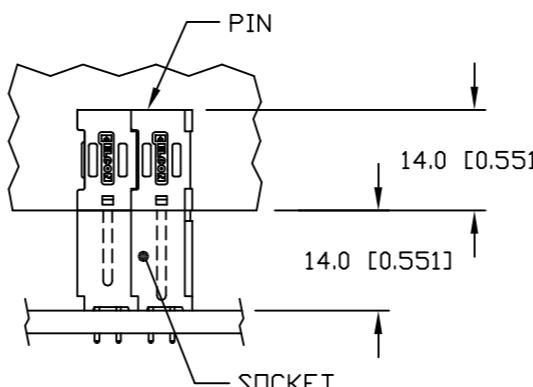
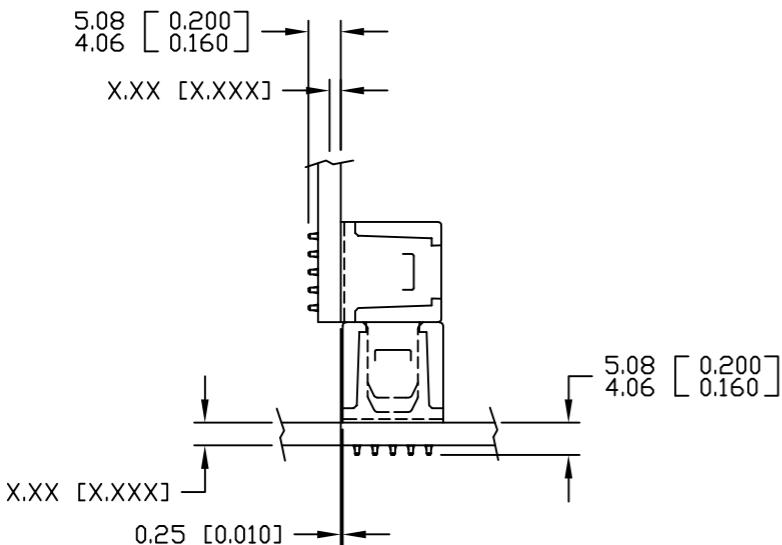
RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]

DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]

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

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



MATED CONDITION

 THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS $.XX \pm .25 [.010]$ $.X \pm .5 [.020]$	DRAWN R. F. A.	DATE 06/15/05	 Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED			
	APPROVED		TITLE USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION	
	APPROVED			
	D. CHAU	06/15/05	SIZE  DWG NUMBER C = 1766688	REV. A
	DCA APPROVED M. ALIM	06/16/05		
	ACAD FILE NUMBER	C1766688A.DWG	DWG SCALE 1=1	SH 3 OF 3

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[1766688-1](#)