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REVISIONS

EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	10/12/05

B

B

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.

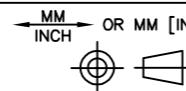
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



5. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6651899-1	FP1104	4	8	4	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS

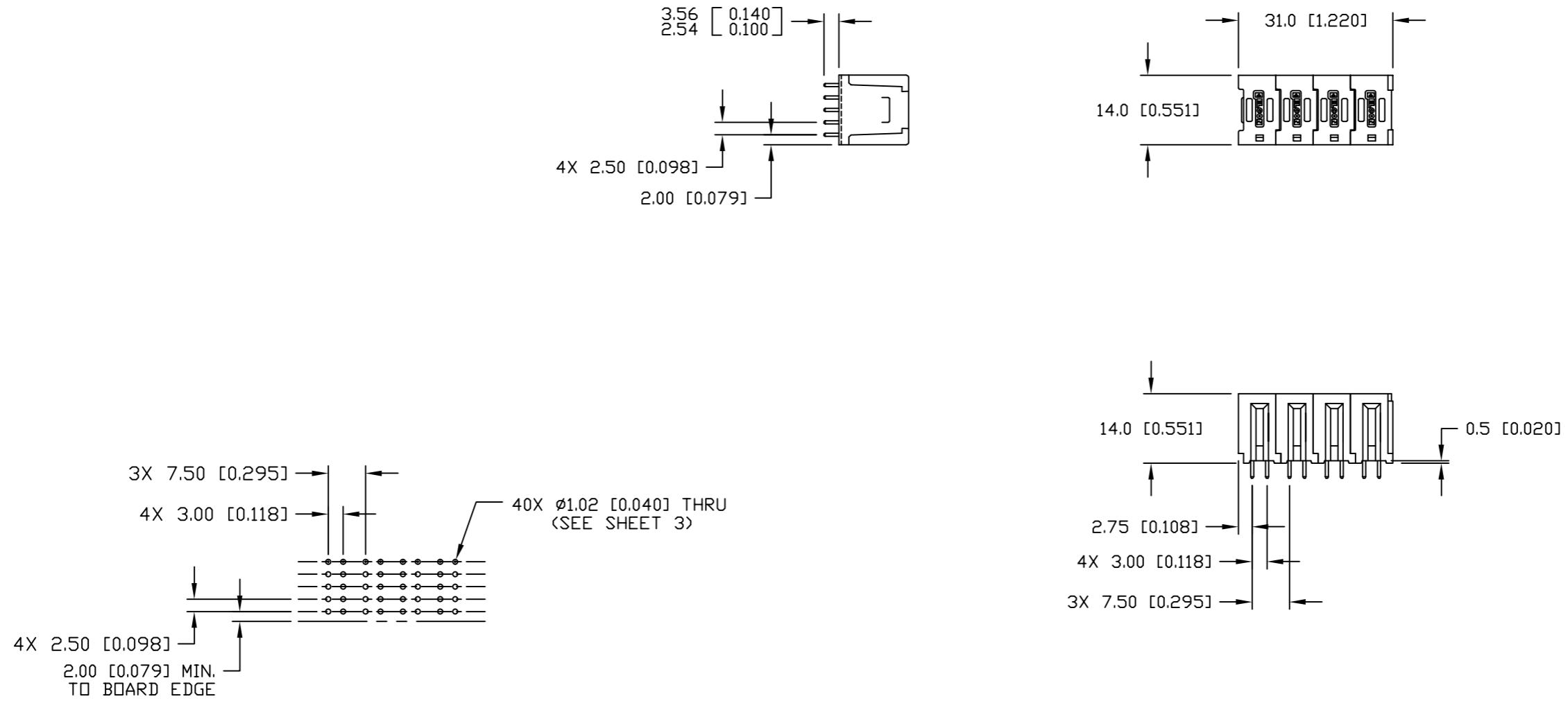
*IAW IEC-950

 <small>THIRD ANGLE PROJECTION</small>	DRAWN R. F. A.	DATE 10/12/05	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	11/23/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	11/23/05		
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C6651899A.DWG	DWG SCALE	1=1
			REV.	A
			SH 1 OF 3	

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REVISIONS

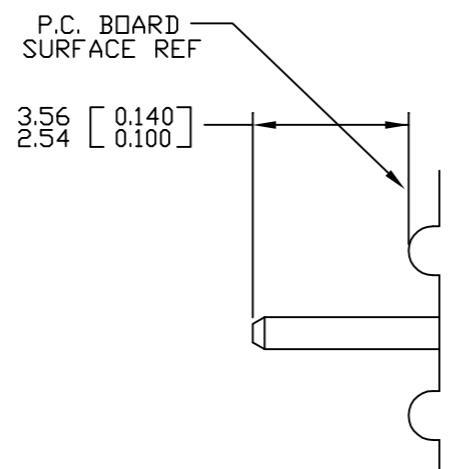
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



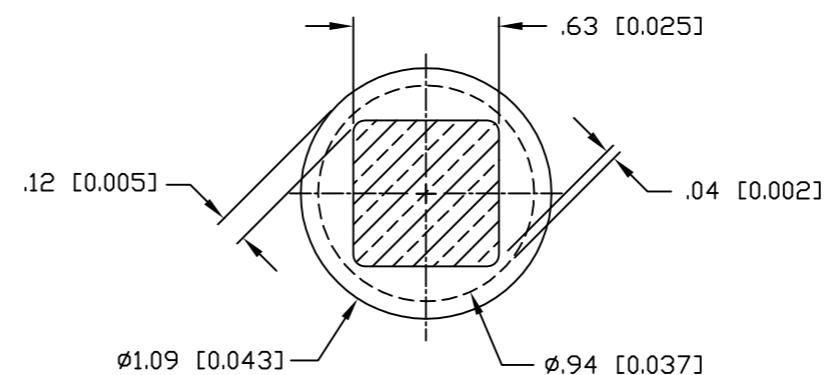
PRINTED CIRCUIT LAYOUT

 THIRD ANGLE PROJECTION	DRAWN R. F. A.	DATE 10/12/05	 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	11/23/05	
DECIMALS	DCA APPROVED		
.XX $\pm .25$ [0.010]	M. ALIM	11/23/05	
.X $\pm .5$ [0.020]	ACAD FILE NUMBER	C6651899A.DWG	REV. A
	DWG SCALE	1=1	SH 2 OF 3

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SOLDER PIN DETAIL



SOLDER TERMINATION AREA

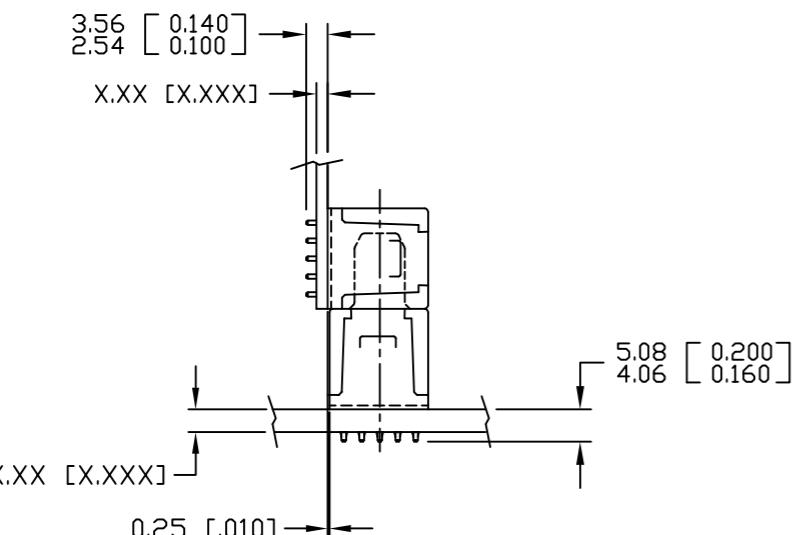
RECOMMENDED PRINTED CIRCUIT HOLE

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

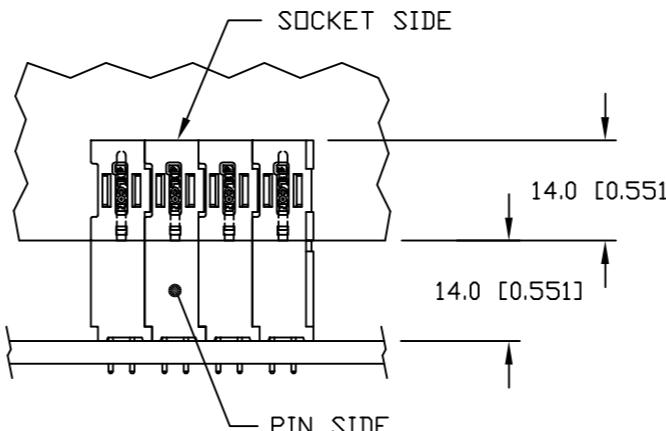
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]

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

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



MATED CONDITION



MM INCH	OR MM [INCH]	DRAWN R. F. A.	DATE 10/12/05	tyco Electronics	TITLE Tyco Electronics Corporation Menlo Park, Ca 94025
THIRD ANGLE PROJECTION		CHECKED			ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED			
TOLERANCES		APPROVED D. CHAU	11/23/05		
ANGLES $\pm .5^\circ$		APPROVED D. CHAU	11/23/05		
DECIMALS		DCA APPROVED M. ALIM	11/23/05	SIZE B	DWG NUMBER C - 6651899
.XX $\pm .25$ [0.010]		DCA APPROVED M. ALIM	11/23/05	REV. A	
.X $\pm .5$ [0.020]		ACAD FILE NUMBER C6651899A.DWG		DWG SCALE 1=1	SH 3 OF 3