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REVISIONS

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

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.

*IAW IEC-950

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 .000040" MIN. THICKNESS.

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

YEAR —————— WEEK
 TYCO PART NO. DATE CODE (e.g. 0515)
 XXXXXXX-X XXXX

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	1766689-1	FP0200	2	8	2	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS

A

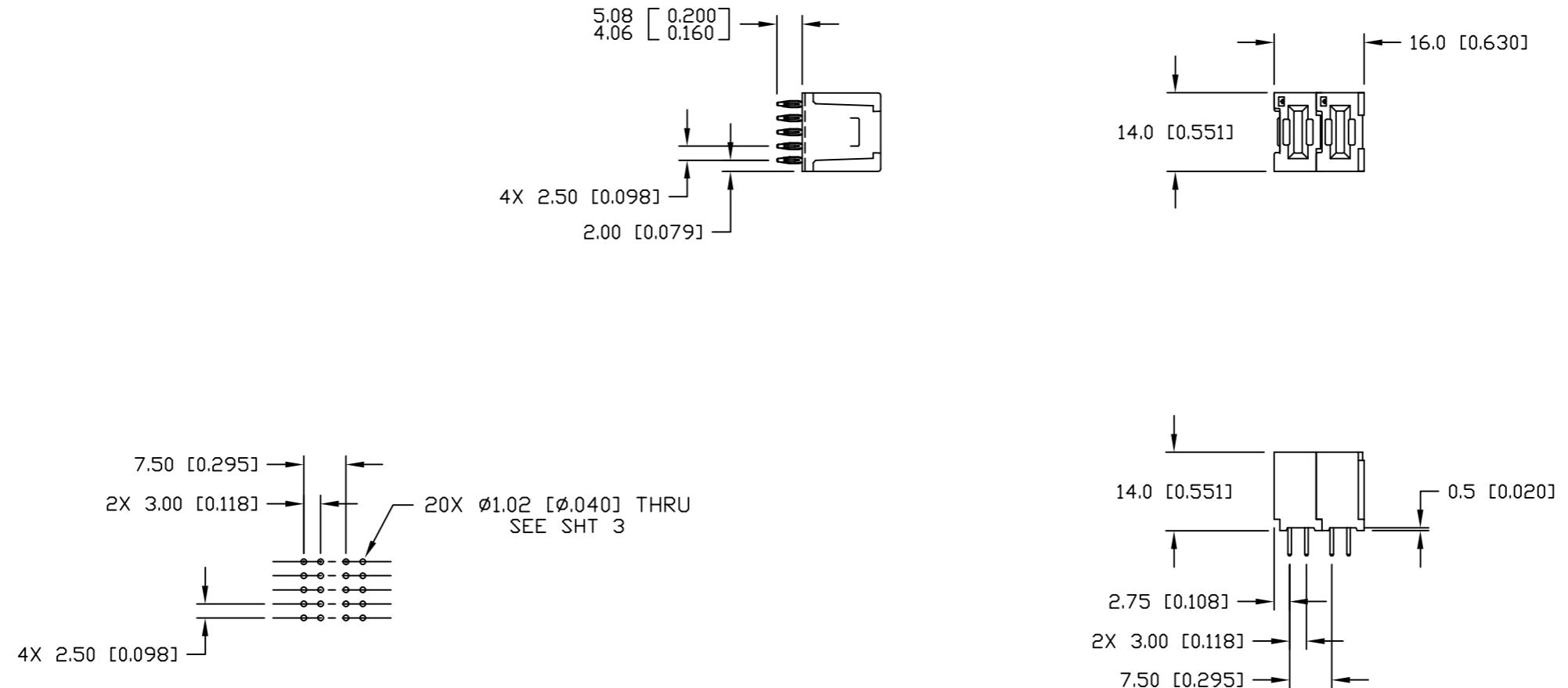
A

 <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	06/16/05		
DECIMALS	DCA APPROVED			
.XX $\pm .25$ [.010]	M. ALIM	06/16/05		
.X $\pm .5$ [.020]	ACAD FILE NUMBER	C1766689A.DWG	REV.	
			C = 1766689	A
			DWG SCALE	1 = 1
			SH 1 OF 3	

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REVISIONS

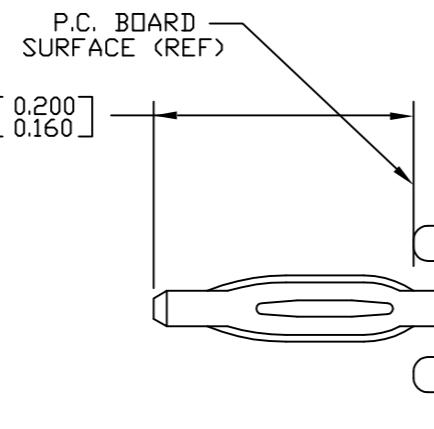
EC	REV	DESCRIPTION	DATE
SEE SHEET 1			



PRINTED CIRCUIT LAYOUT

 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	DRAWN R. F. A.	DATE 06/15/05	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
	APPROVED			
	APPROVED			
	D. CHAU	06/16/05		
	DCA APPROVED			
	M. ALIM	06/16/05		
	DECIMALS .XX ± .25 [.010] .X ± .5 [.020]		SIZE B	DWG NUMBER C - 1766689
	ACAD FILE NUMBER C1766689A.DWG			REV. A
			DWG SCALE 1 = 1	SH 2 OF 3

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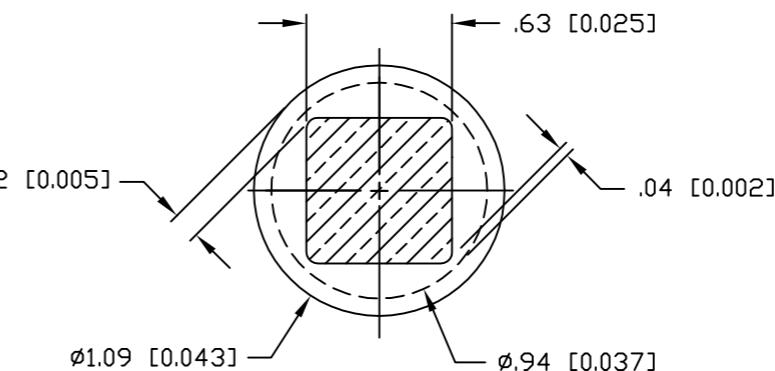


COMPLIANT PIN DETAIL

INSERTION/EXTRACTION FORCES

MAXIMUM PUSH-IN: 133.3N PER PIN
[30 LBS]

MINIMUM PUSH-OUT: 44.4N PER PIN
[10 LBS]



SOLDER TERMINATION AREA

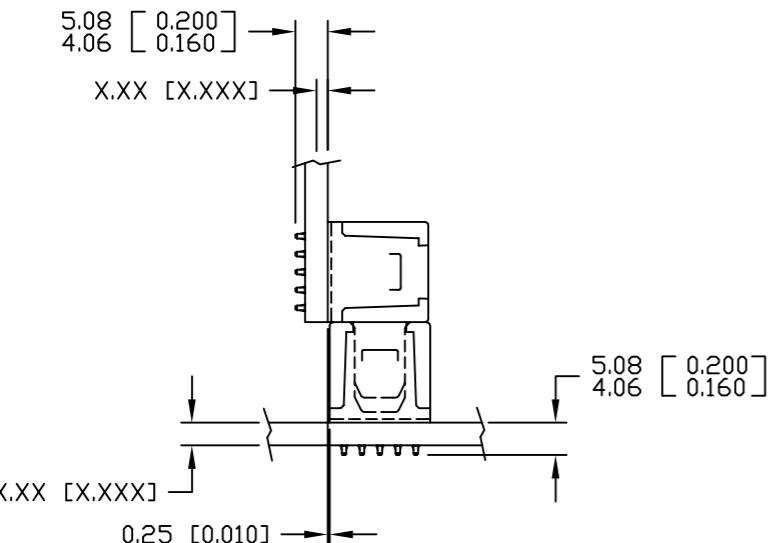
RECOMMENDED PRINTED CIRCUIT HOLE

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

DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.005]

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

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



MATED CONDITION

MM INCH		DRAWN R. F. A.	DATE 06/15/05	tyco Electronics		TITLE
OR MM [INCH]		CHECKED				USER INFORMATION COMPLIANT TAIL TERMINATION AND MATED CONDITION
THIRD ANGLE PROJECTION		APPROVED				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED				
TOLERANCES		ANGLES $\pm .5^\circ$				
ANGLES $\pm .5^\circ$		D. CHAU	06/16/05			
DECIMALS		DCA APPROVED				
.XX $\pm .25$ [.010]		M. ALIM	06/16/05			
.X $\pm .5$ [.020]		ACAD FILE NUMBER	C1766689A.DWG			DWG SCALE 1=1 SH 3 OF 3
ACAD FILE NUMBER						

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1766689-1](#)