

LOC		DIST		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	19SEP2006	RG	MP

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SOLDER SIGNAL PIN - BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY

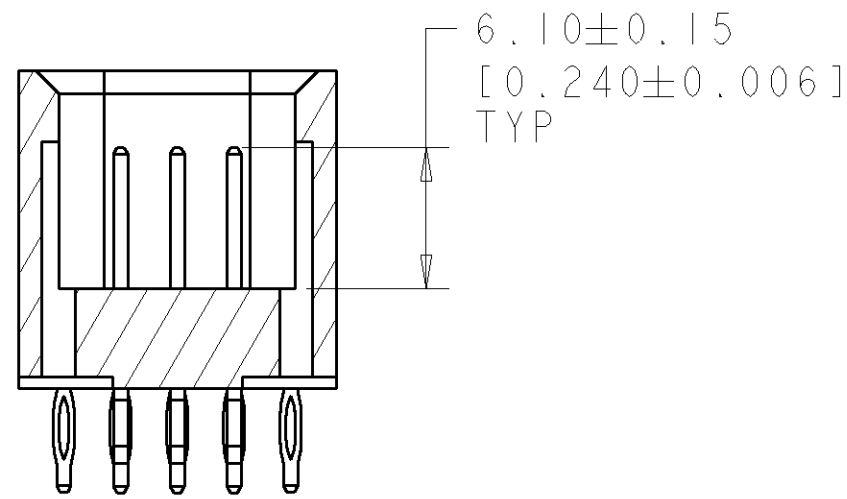
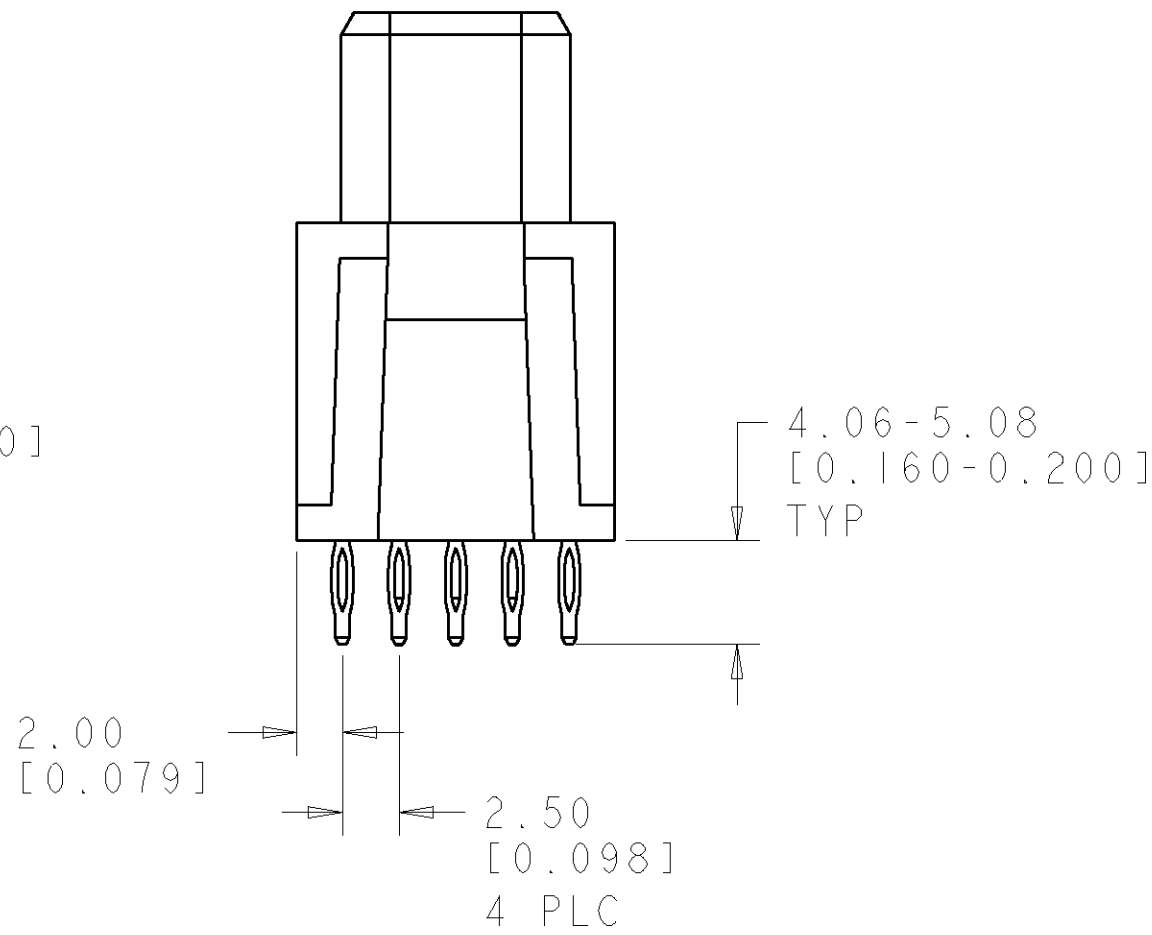
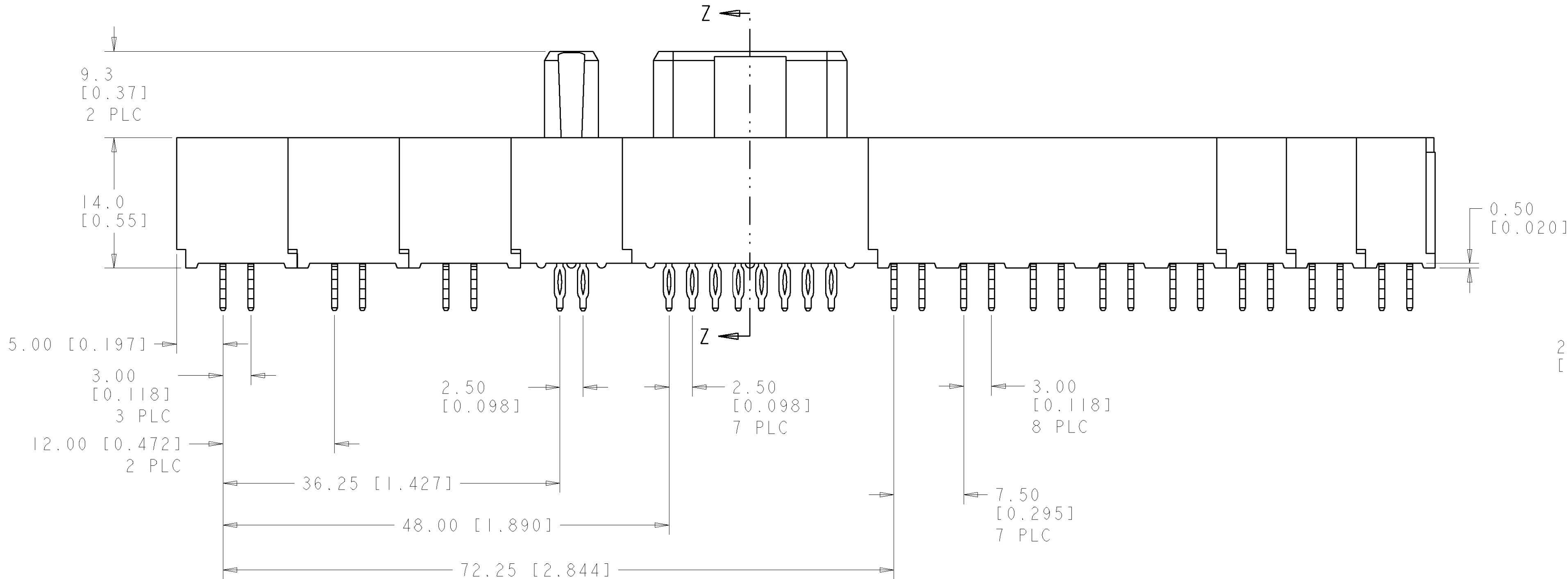
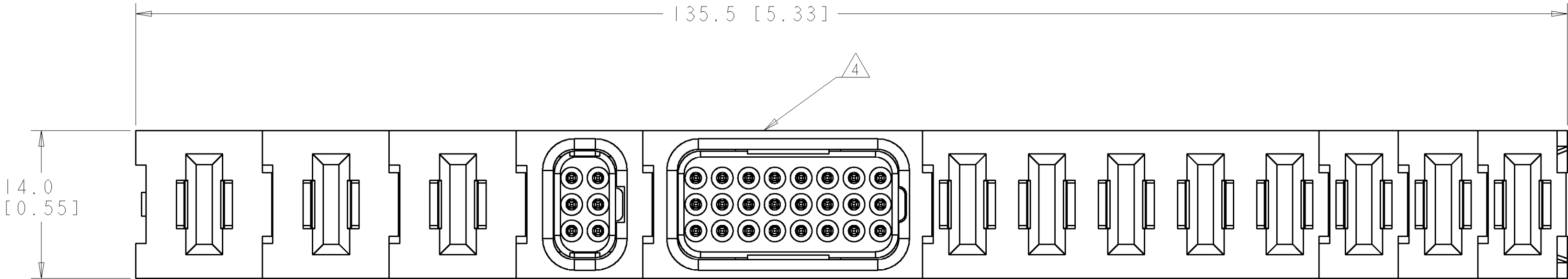
3. FINISH: CONTACTS - GOLD PLATE .000030" MIN. THK., OVER NICKEL
.000050" MIN. THK
COMPLIANT TAILS TIN .000040" MIN. THK. OVER NICKEL
.000050" MIN THK.

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

YEARWEEK

TYCO PART NO. DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

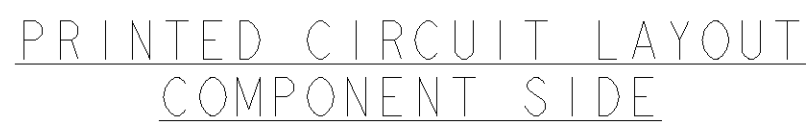


SECTION Z-Z
GENDER CHANGER
WAS REMOVED FOR
CLARITY

ELCON FLATPAQ

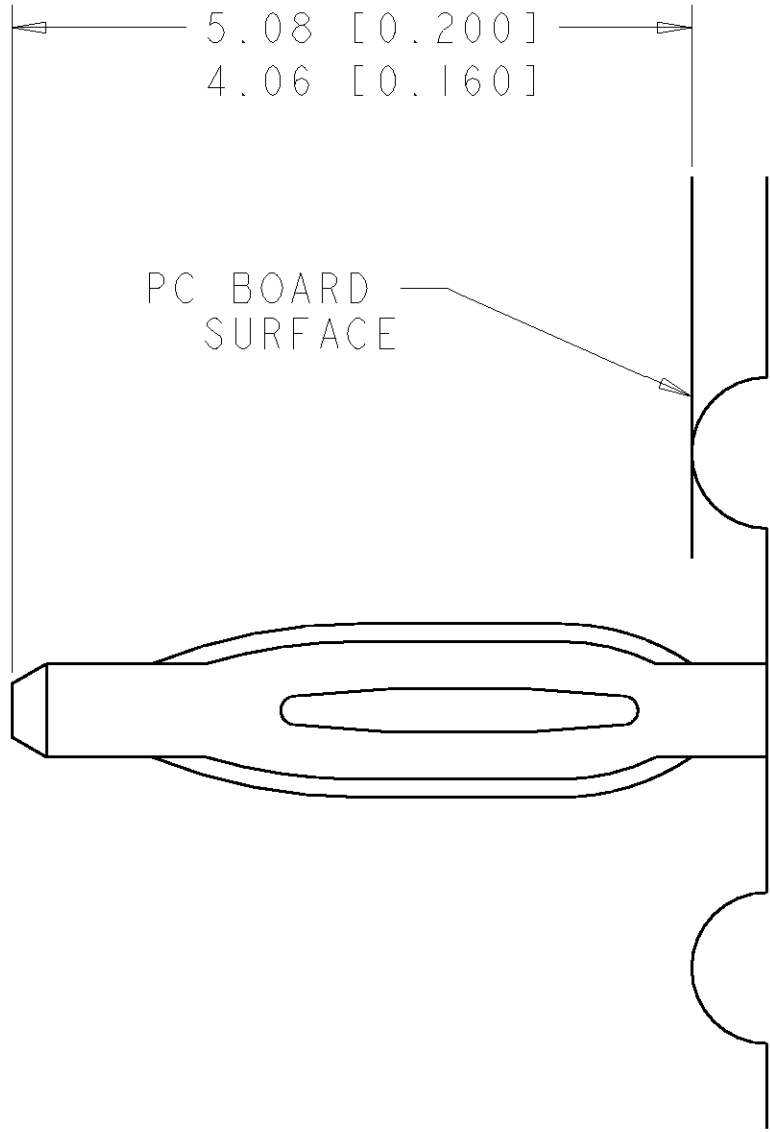
AMP 4805 REV 31MAR2006

AS SHOWN		6646281-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±.5 (.020) ±.25 (.010) ± ±.5	
MATERIAL		FINISH	
-		-	
CUSTOMER DRAWING		SCALE 3:1	
DWN R.GRZYBOWSKI 19SEP2006 CHK M.PERCHERKE 19SEP2006 APVD S.FLICKINGER 19SEP2006		NAME	
PRODUCT SPEC		APPLICATION SPEC	
WEIGHT		SIZE	
-		A100779C=6646281	
CUSTOMER DRAWING		RESTRICTED TO	
-		-	
Tyco Electronics Harrisburg, PA 17105-3608		SHEET 1 OF 3	
SOCKET CONNECTOR, STRAIGHT COMPLIANT TAILS		REV A	

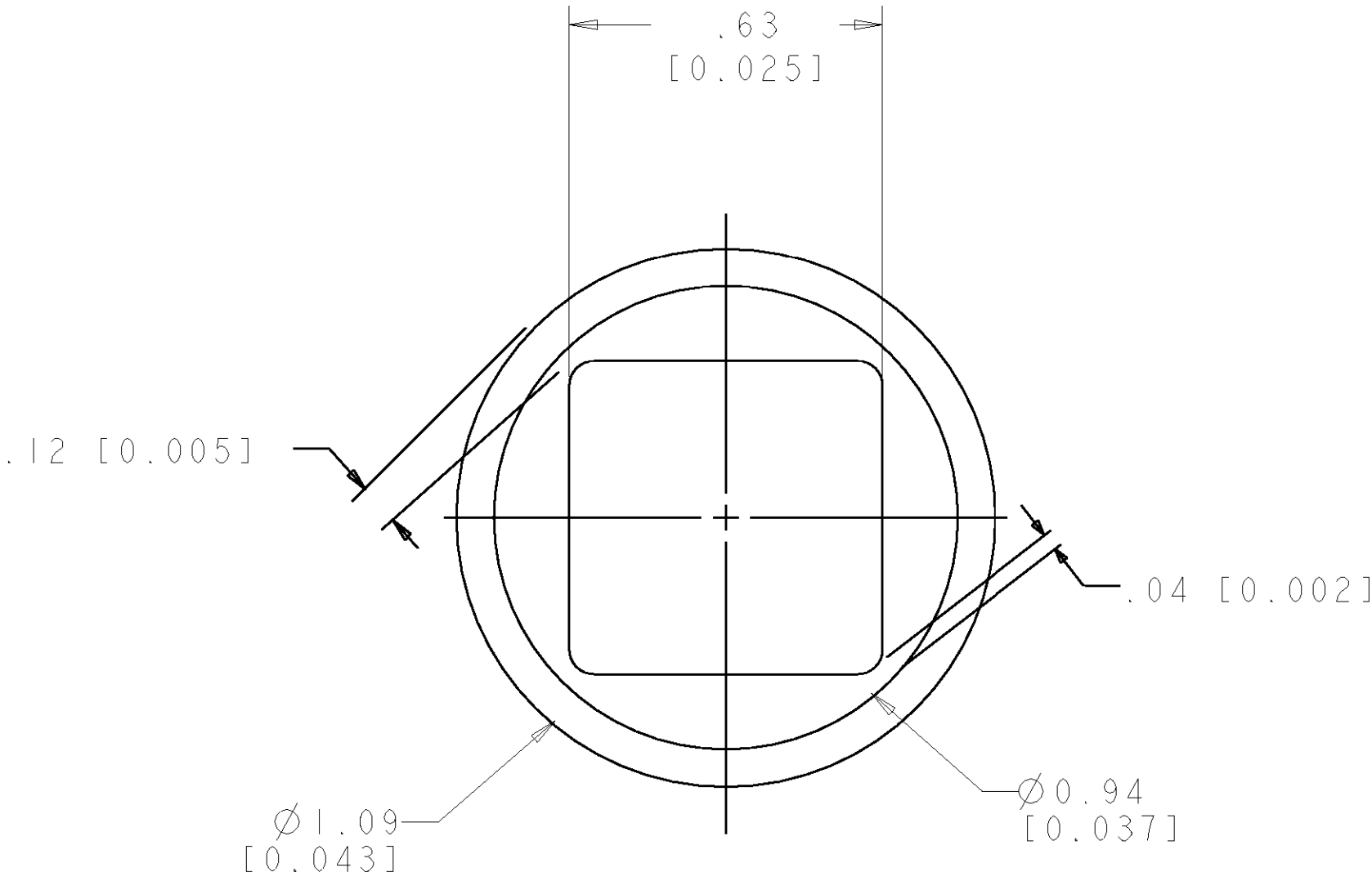


THIS IS A STANDARD TYCO CONNECTOR. HOWEVER, FOR THE ELECTRONIC EQUIPMENT INDUSTRY, THIS CONNECTOR IS USED IN A MOUNTING ORIENTATION THAT DEVIATES FROM THE STANDARD. THIS DEVIATION SHOULD BE CONTACTED FOR THE LATEST VERSION.		OWN R. GRZYBOWSKI 19SEP2006		tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm (INCHES)		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		CHN M. PERCHERRE 19SEP2006		NAME	
		0 P/LC ± 1 P/LC ± .1 (201) 2 P/LC ± .25 (.010) 3 P/LC ± 4 P/LC ± 5 P/LC ± .5		APVD S. FLICKINGER 19SEP2006		SOCKET CONNECTOR, STRAIGHT COMPLIANT TAILS -	
MATERIAL		FINISH		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
-		-		-		A 100779 C 6646281	
WEIGHT		RESTRICTED TO		SCALE		SHEET OF REV	
-		-		3:1		2 3 A	
CUSTOMER DRAWING				SCALE SHEET OF REV			
-				3:1 2 3 A			

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



5. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN (30 LBS)
MINIMUM PUSH OUT: 44.4N PER PIN (10 LBS)



6. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025 [0.0010] MIN
TIN PLATE: .008 [0.0003] MIN. (PER SURFACE)

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6646281-2](#)