

LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		15NOV2006	RG	SF	

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 PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY

3. FINISH:
CONTACTS - GOLD PLATE .000030" MIN. THK., OVER NICKEL
.000050" MIN. THK
SOLDER TAILS, TIN .000120" MIN. THK.
OVER NICKEL .000050" MIN THK.

△4 MOUNTING FLANGES ACCEPT #6 SCREWS, (USER SUPPLIED)

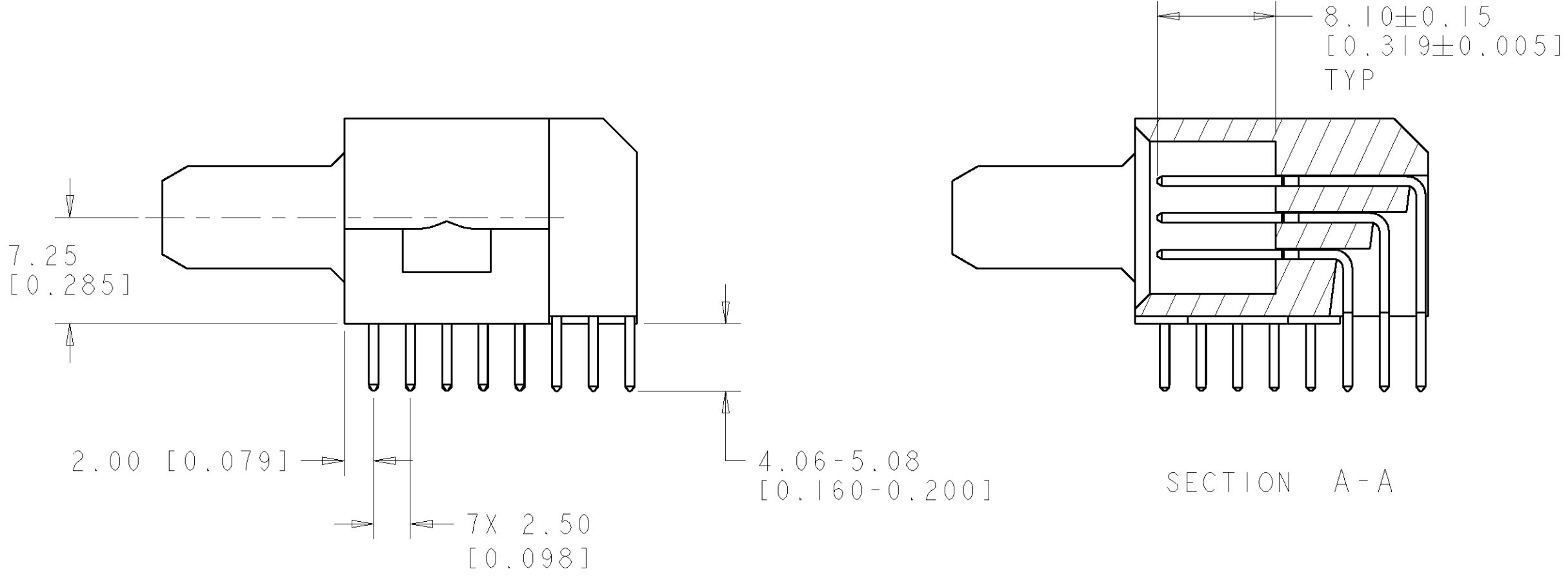
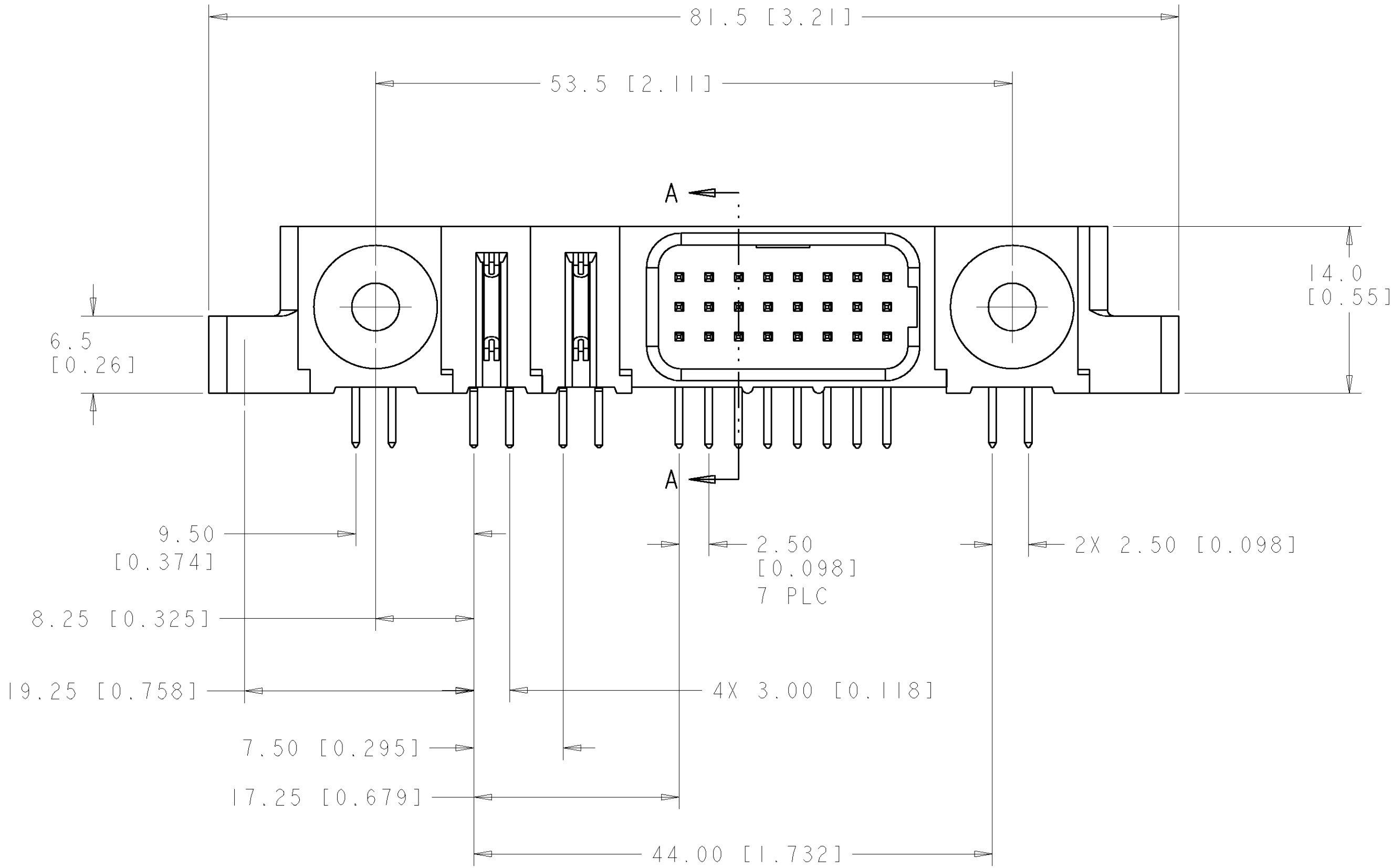
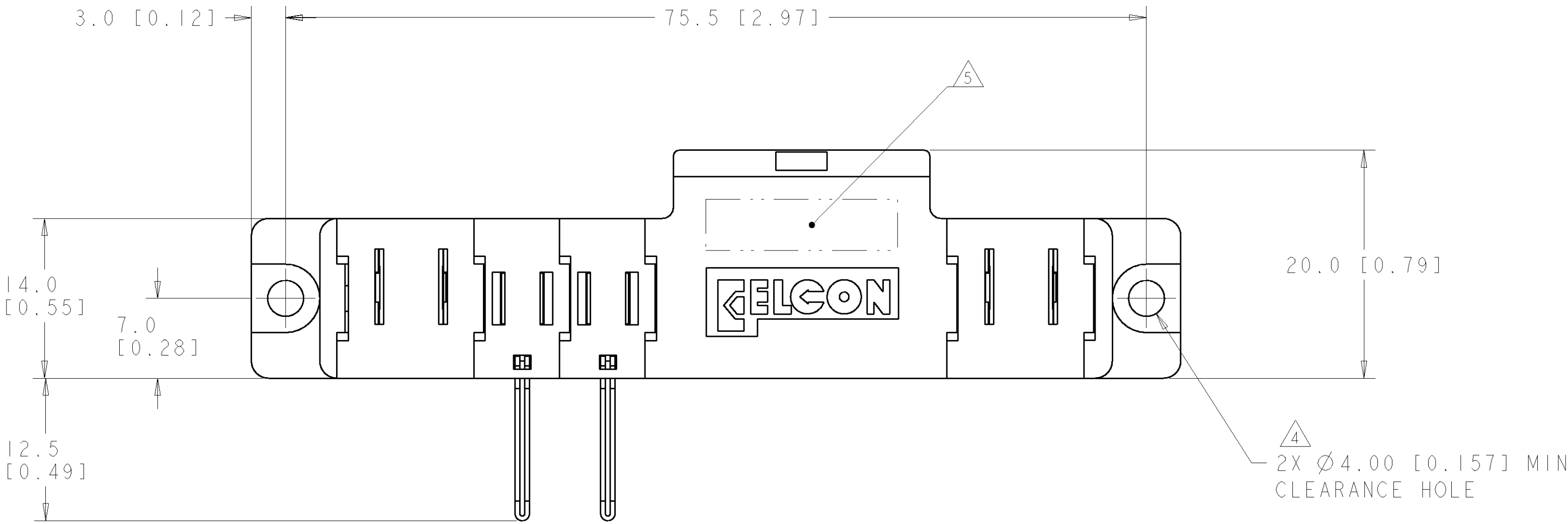
△5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR1WEEK

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

XXXXXXX-X XXXX

6. THIS CONNECTOR MATES WITH SOCKET CONNECTOR PN 6766667-1.



ELCON

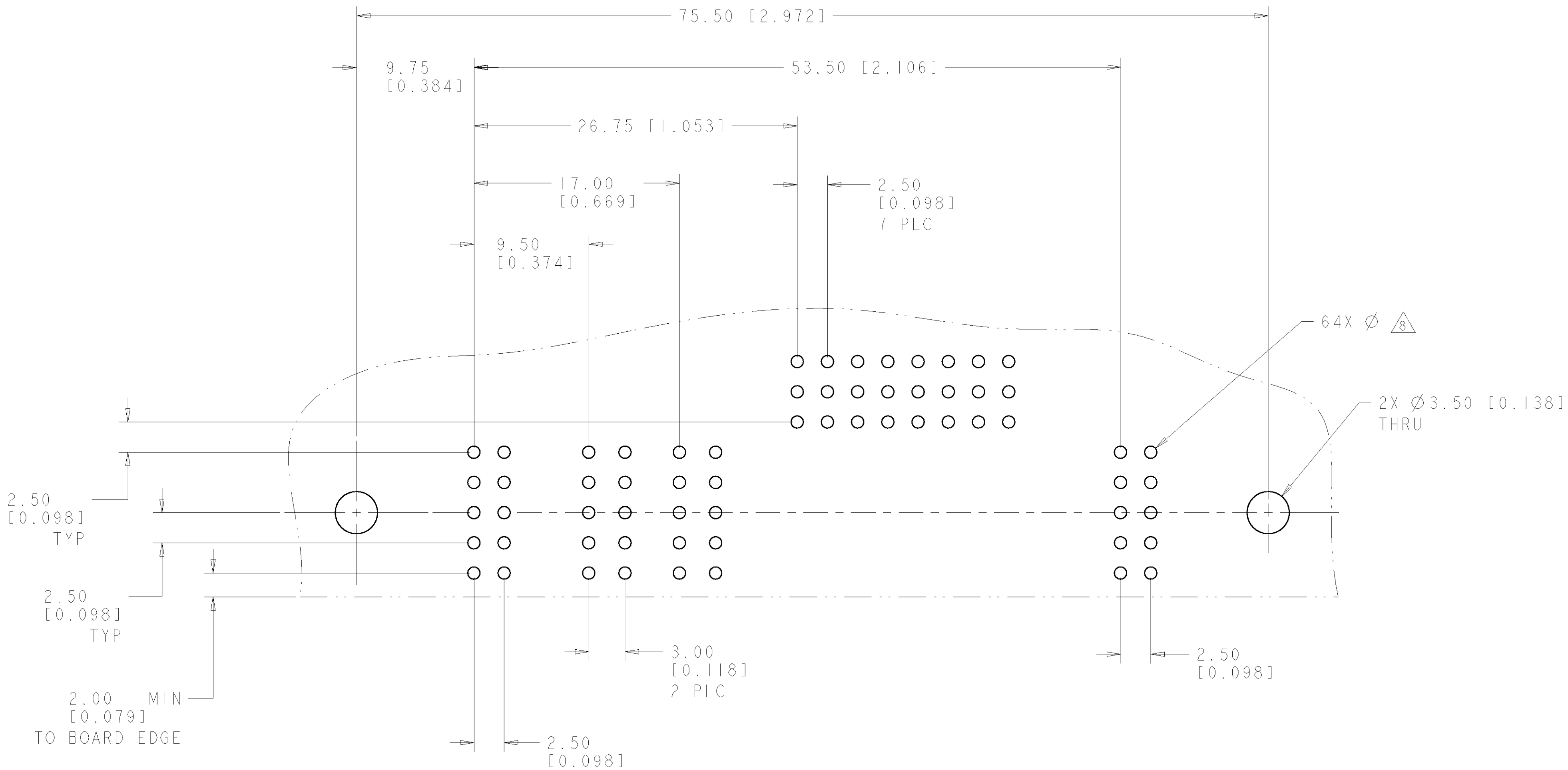
FLATPAQ

AMP 4805 REV 31MAR2006

Pro/ENGINEER DRAWING

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		R. GRZYBOWSKI		ISNOV06		tyco		Tyco Electronics	
mm [INCHES]		0 PLC ±.5 [1.020]		CHK		S. FLICKINGER		ISNOV06		Electronics		Harrisburg, PA 17105-3608	
		1 PLC ±.25 [1.010]		APVD		S. FLICKINGER		ISNOV06		NAME		PIN CONNECTOR, RIGHT ANGLE	
		2 PLC ±.25 [1.010]								PRODUCT SPEC		SOLDER TAILS	
		3 PLC ±.25 [1.010]								APPLICATION SPEC		-	
		4 PLC ±.25 [1.010]								SIZE		CAGE CODE	
		ANGLES ±.5								DRAWING NO		RESTRICTED TO	
MATERIAL		FINISH								A100779		C=6766668	
										CUSTOMER DRAWING		SCALE	
										3:1		SHEET	
										1		OF	
										3		REV	
										A			

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



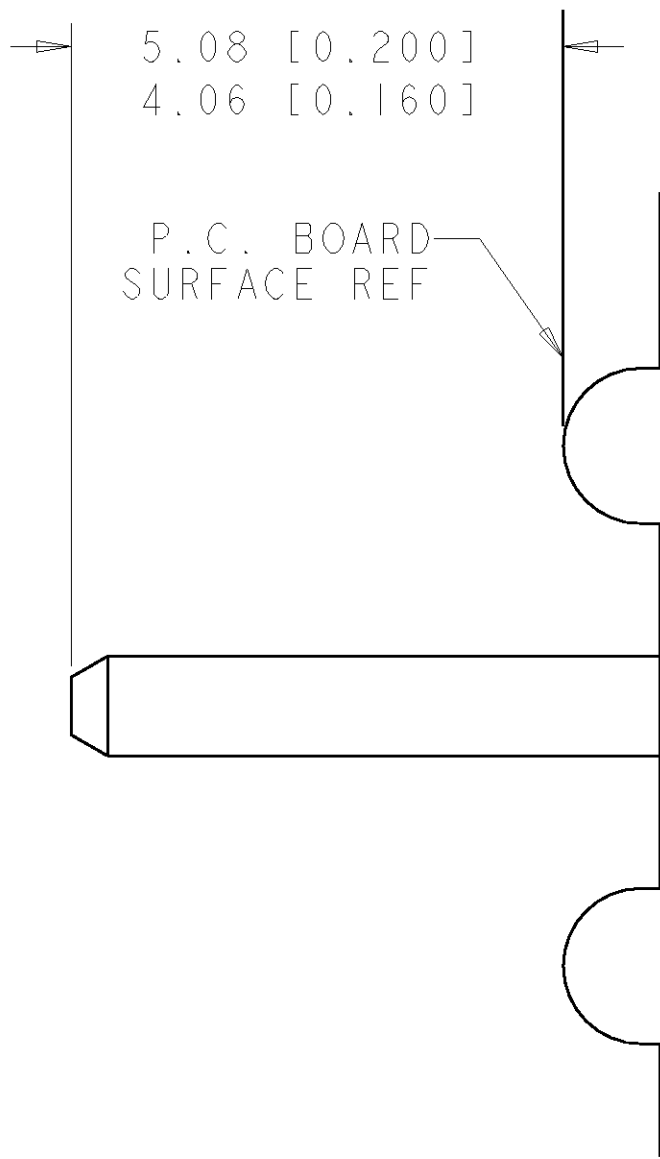
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP106	2	4	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP302	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP516	2	-	RIGHT ANGLE GUIDE SOCKET, ACTIVE				
	FP509	1	-	LEFT MOUNTING FLANGE				
	FP510	1	-	RIGHT MOUNTING FLANGE				

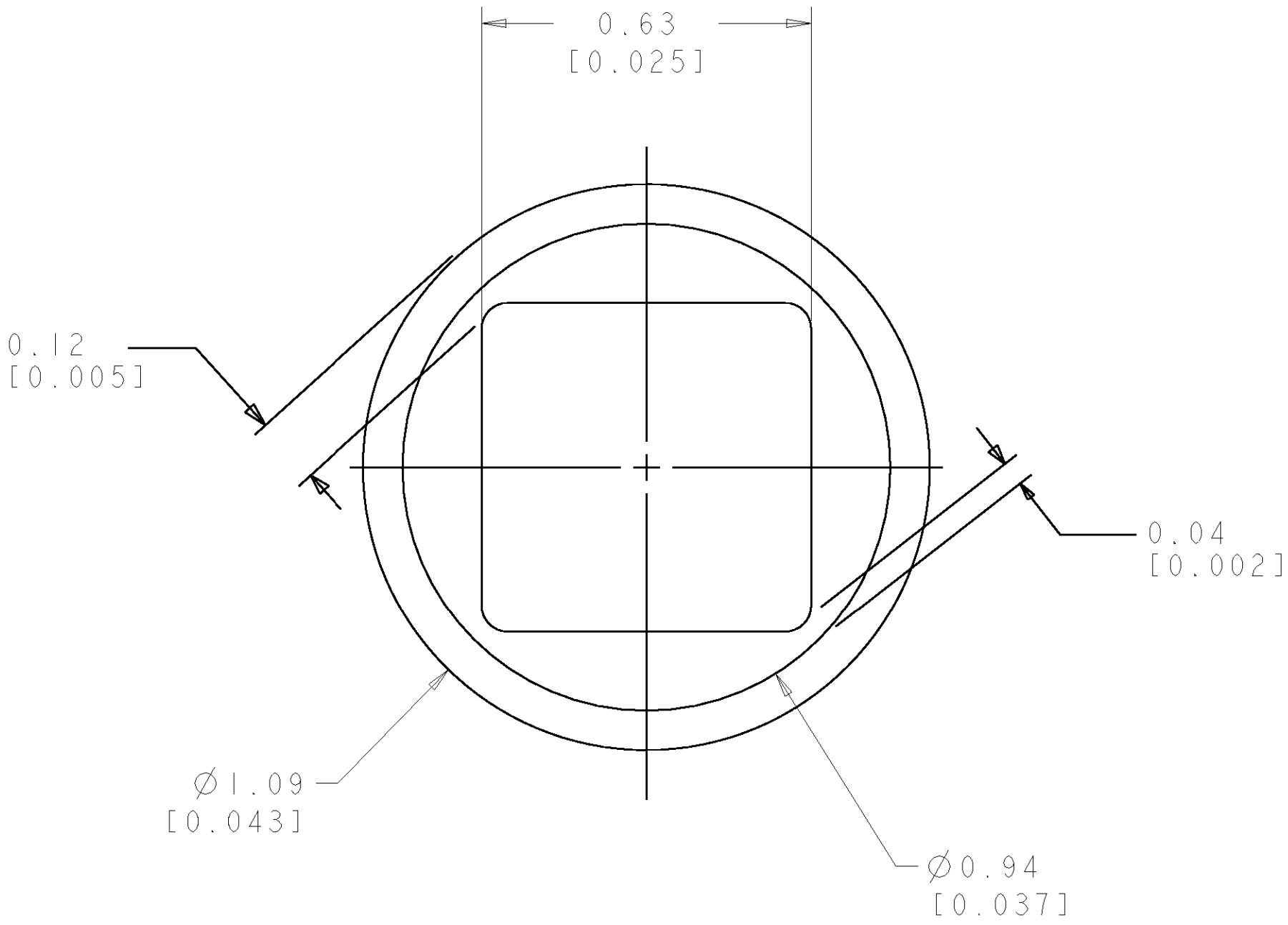
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				CHK S. FLICKINGER	ISNOV06				
				APVD S. FLICKINGER	ISNOV06	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS			
				PRODUCT SPEC					
				APPLICATION SPEC					
				WEIGHT					
				CUSTOMER DRAWING					
								SCALE 3:1	
								SHEET 2 OF 3	
								REV A	

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



7. SOLDER PIN DETAIL
SCALE 10:1



SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025 [0.0010] MIN.
TIN PLATE: .008 [0.0003] MIN. (PER SURFACE)

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THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT FOR THAT INFORMATION CONSIDERED UNCLASSIFIED TO EXEMPT THE CONTROLLING AND CONTROLLING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST EDITION.		DWN R.GRZYBOWSKI	ISNOV06	Tyco Electronics Harrisburg, PA 17105-3608	
		CHK S.FLICKINGER	ISNOV06		
		APVD S.FLICKINGER	ISNOV06	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC	±	APPLICATION SPEC	
		1 PLC	±.5 [0.020]		
		2 PLC	±.25 [0.010]		
		3 PLC	±		
		4 PLC	±	WEIGHT	
		ANGLES	± 5		
MATERIAL		FINISH		CUSTOMER DRAWING	
-		-		SCALE 3:1 SHEET 3 OF 3 REV A	

Mouser Electronics

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