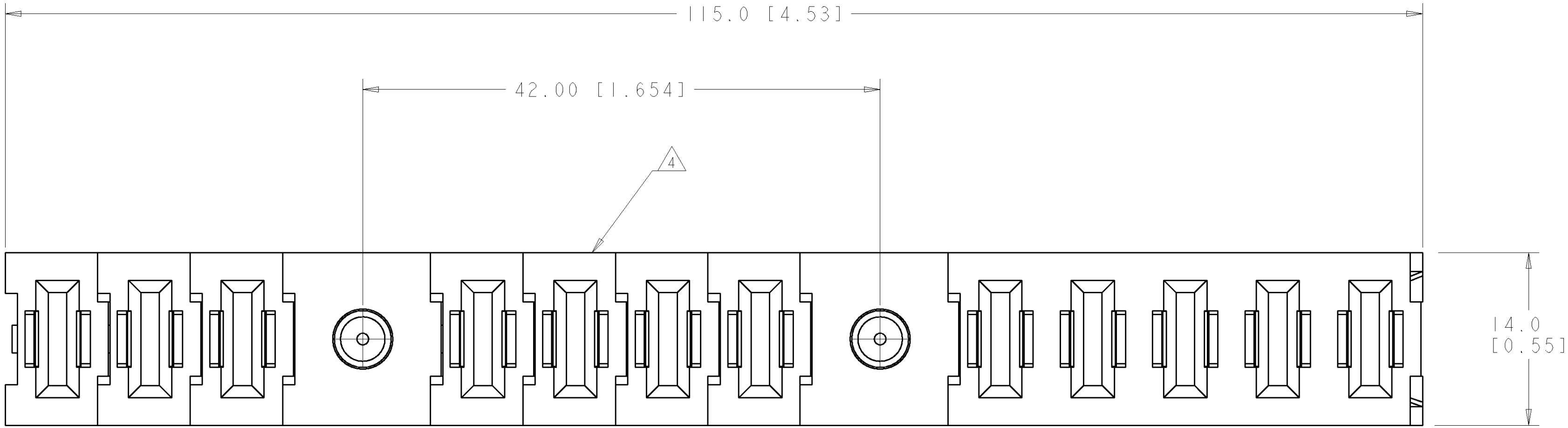


LOC		DIST		REVISONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	28SEP106	RG	DO



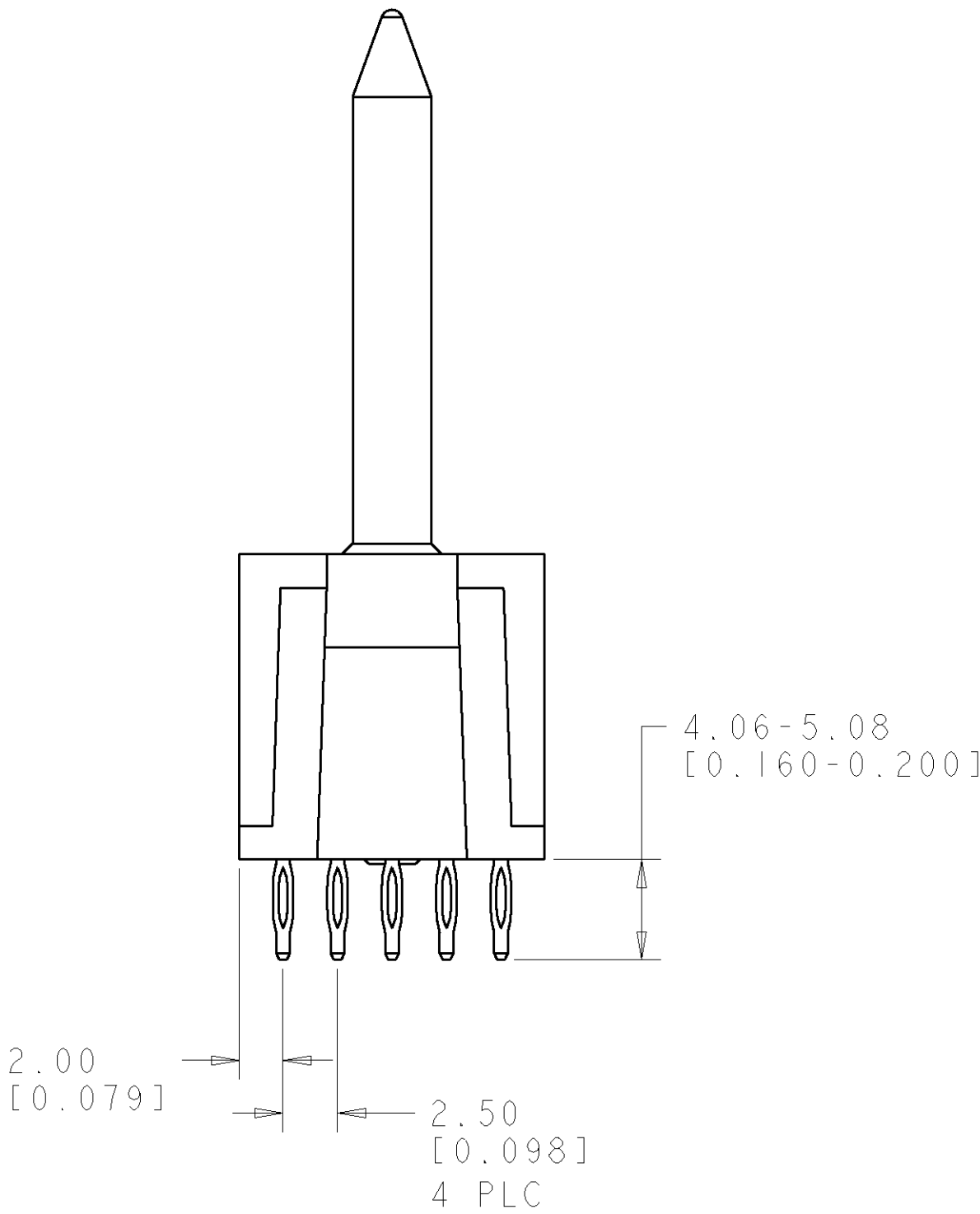
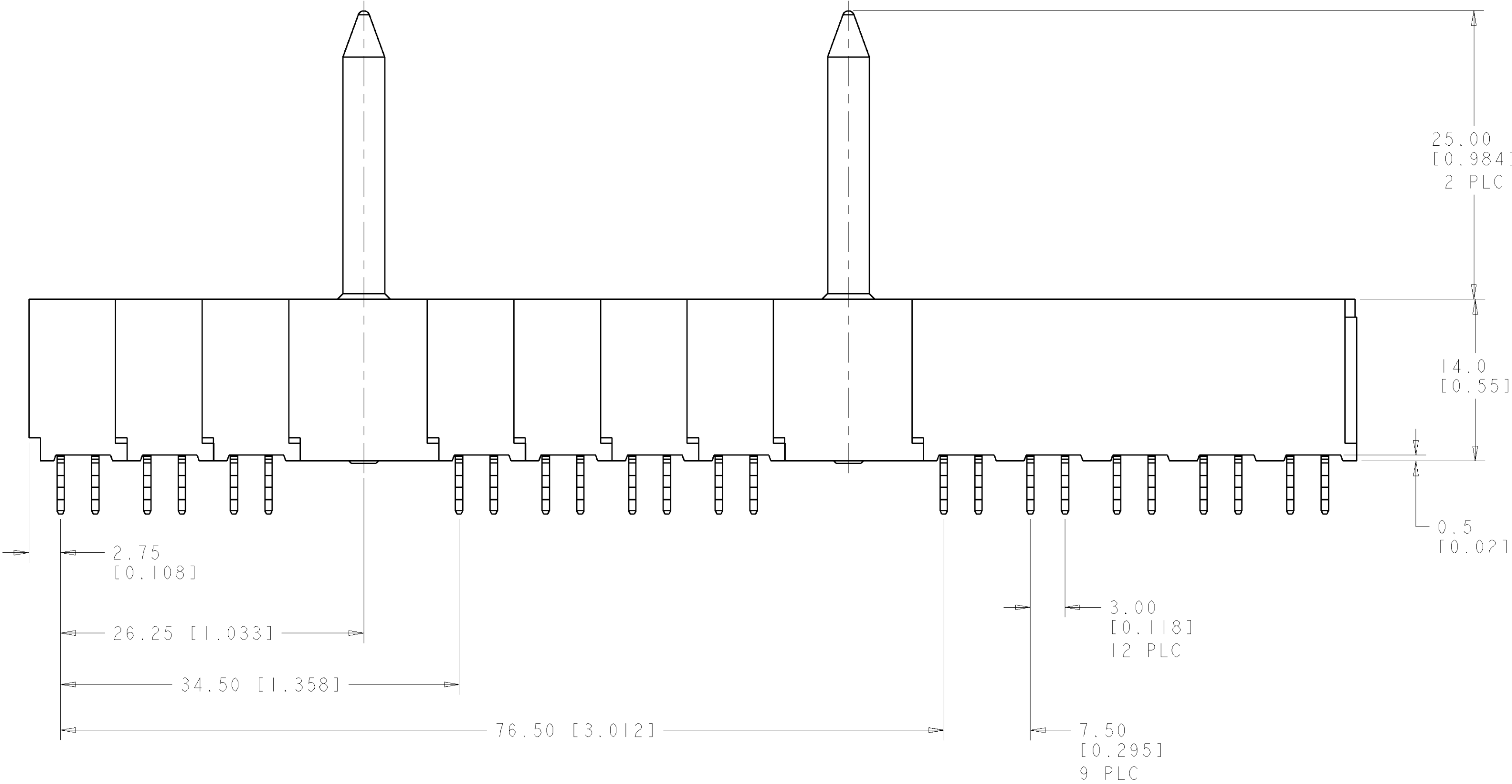
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

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

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

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

TYCO PART NO. YEAR WEEK
XXXXXXX-X XXXX (e.g. 0106)

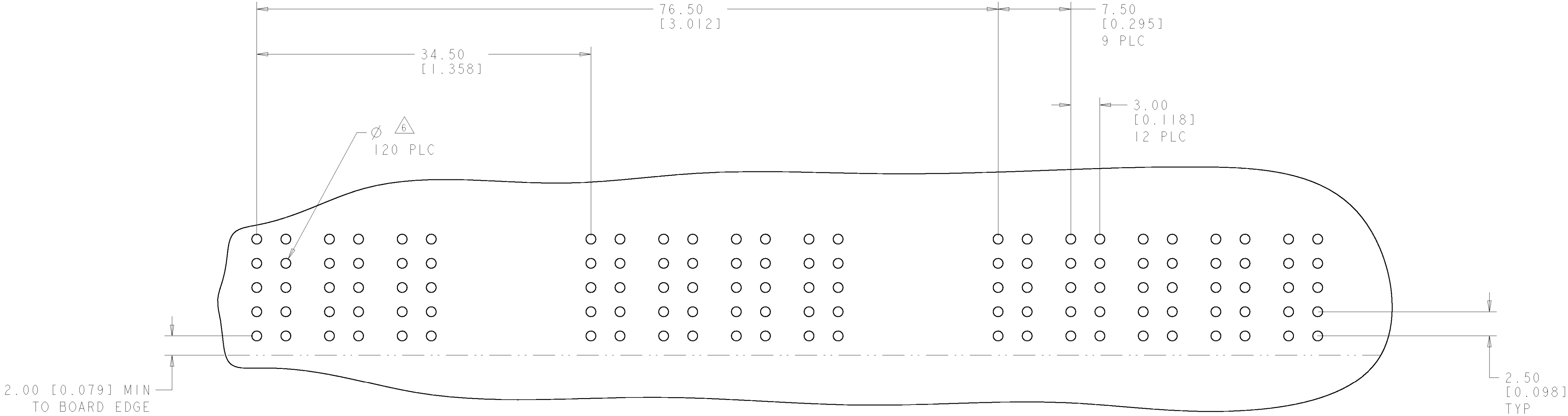


ELCON FLATPAQ

AMP 4805 REV 31MAR2000

AS SHOWN		6766638-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
9 PLC ±.5		3	
2 PLC ±.5		3	
3 PLC ±.25		3	
4 PLC ±.5		3	
MATERIAL		FINISH	
2		3	
DWN R. GRZYBOWSKI CHK P. DAMATO APVD S. FLICKINGER		28SEP106 28SEP106 28SEP106	
NAME		PRODUCT SPEC	
APPLICATION SPEC		WEIGHT	
SIZE		CAGE CODE	
DRAWING NO		RESTRICTED TO	
A100779		C=6766638	
CUSTOMER DRAWING		SCALE	
4:1		SHEET	
1		OF	
3		REV	
A			

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

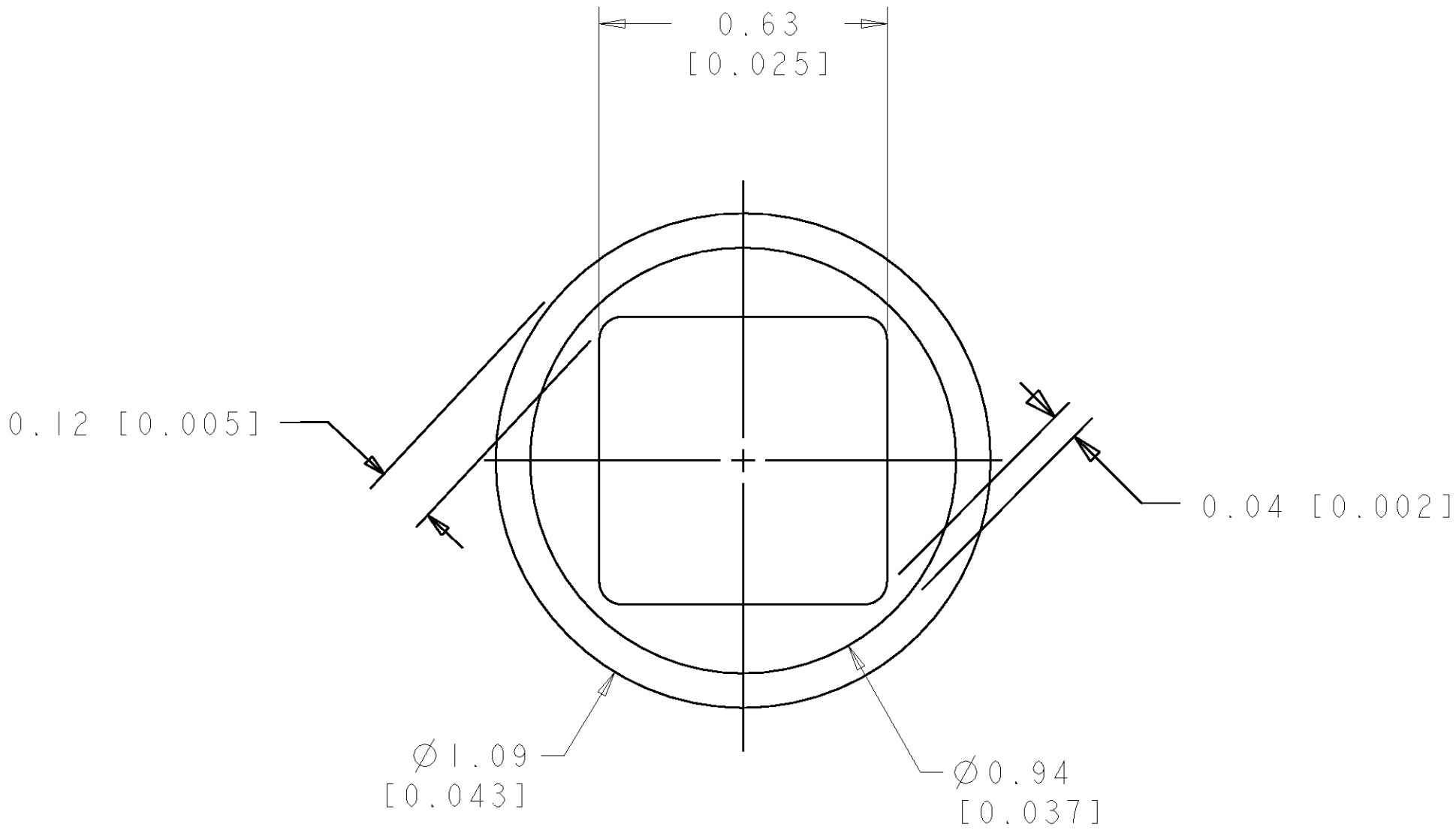
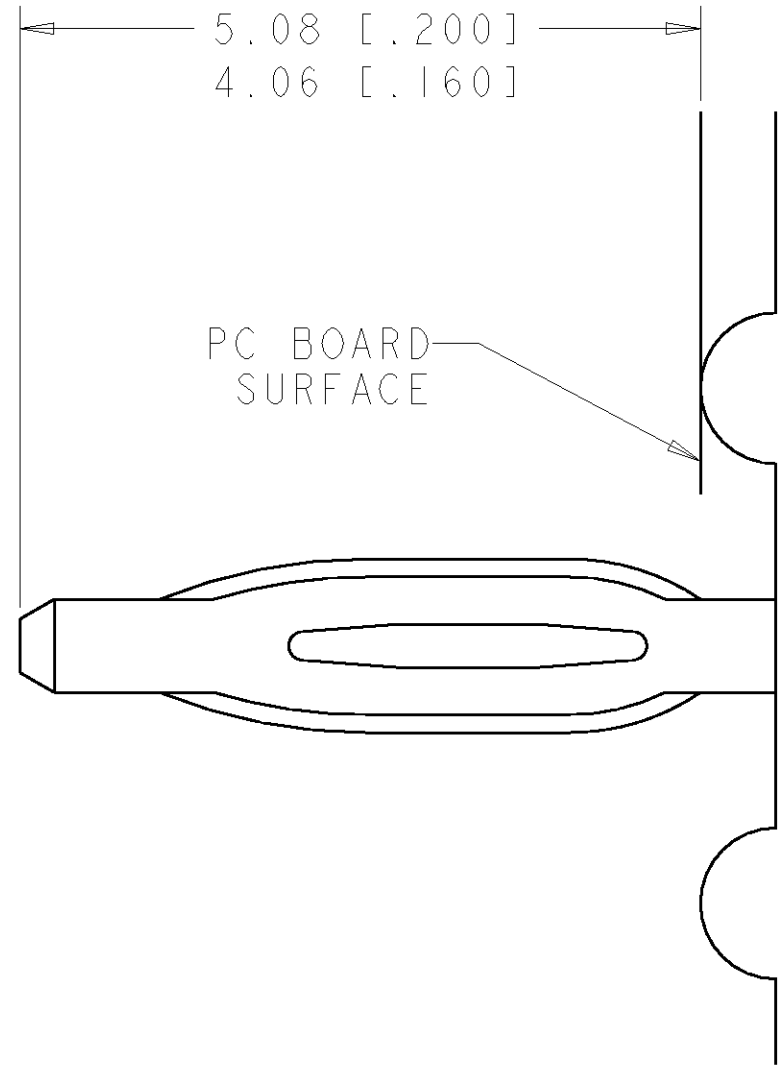


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE
SCALE 4:1

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP200	12	8	12	35 amps	7.50 [.2953]	250
	FP503	2	STRAIGHT GUIDE PIN				

THIS DRAWING IS TO BE USED FOR THE PURPOSES SPECIFIED ONLY. FOR ANY OTHER USE, THE USER SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMISSIONS FROM THE APPROPRIATE ORGANIZATION. SHOULD BE CONTACTED FOR THE LATEST EDITION.				DWN R. GRZYBOWSKI 28SEPT06	tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608		
				CHK P. DAMATO 28SEPT06			
				APVD S. FLICKINGER 28SEPT06	NAME		
				PRODUCT SPEC	CONNECTOR ASSEMBLY, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ, PN: 278-1177-10200A		
				APPLICATION SPEC			
				WEIGHT	SIZE		
				CUSTOMER DRAWING	A 00779 C=6766638		
					RESTRICTED TO		

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]

SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
COMPLIANT PRESS FIT
DRILLED HOLE: Ø1.15 [.0453]±.013 [.0005]
COPPER PLATE .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

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		CHK P. DAMATO	28SEPT06		
		APVD S. FLICKINGER	28SEPT06		
		PRODUCT SPEC			
		APPLICATION SPEC			
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC	±	CONNECTOR ASSEMBLY, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ, PN: 278-1177-10200A	
		1 PLC	±.5		
		2 PLC	±.25		
		3 PLC	±		
		4 PLC	±		
MATERIAL		FINISH		SIZE	CAGE CODE
-		-		A	00779
				C=6766638	
				CUSTOMER DRAWING	
				SCALE	4:1
				SHEET	3
				OF	3
				REV	A