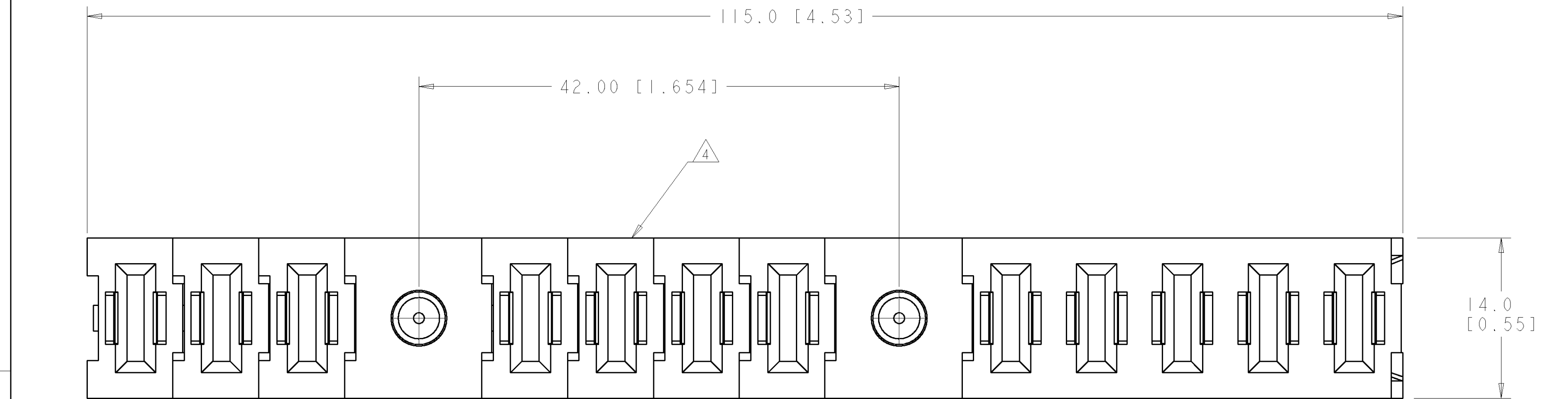




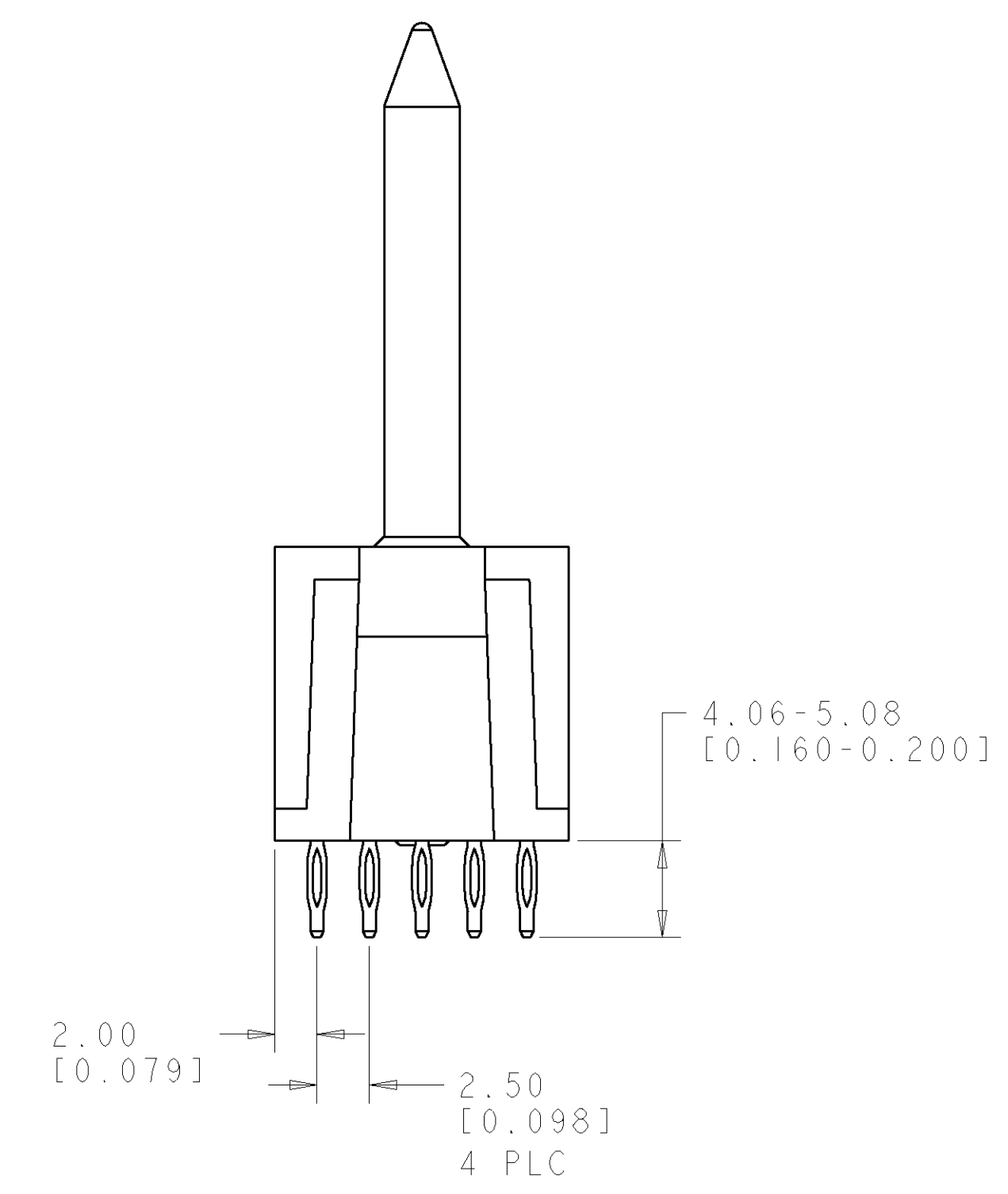
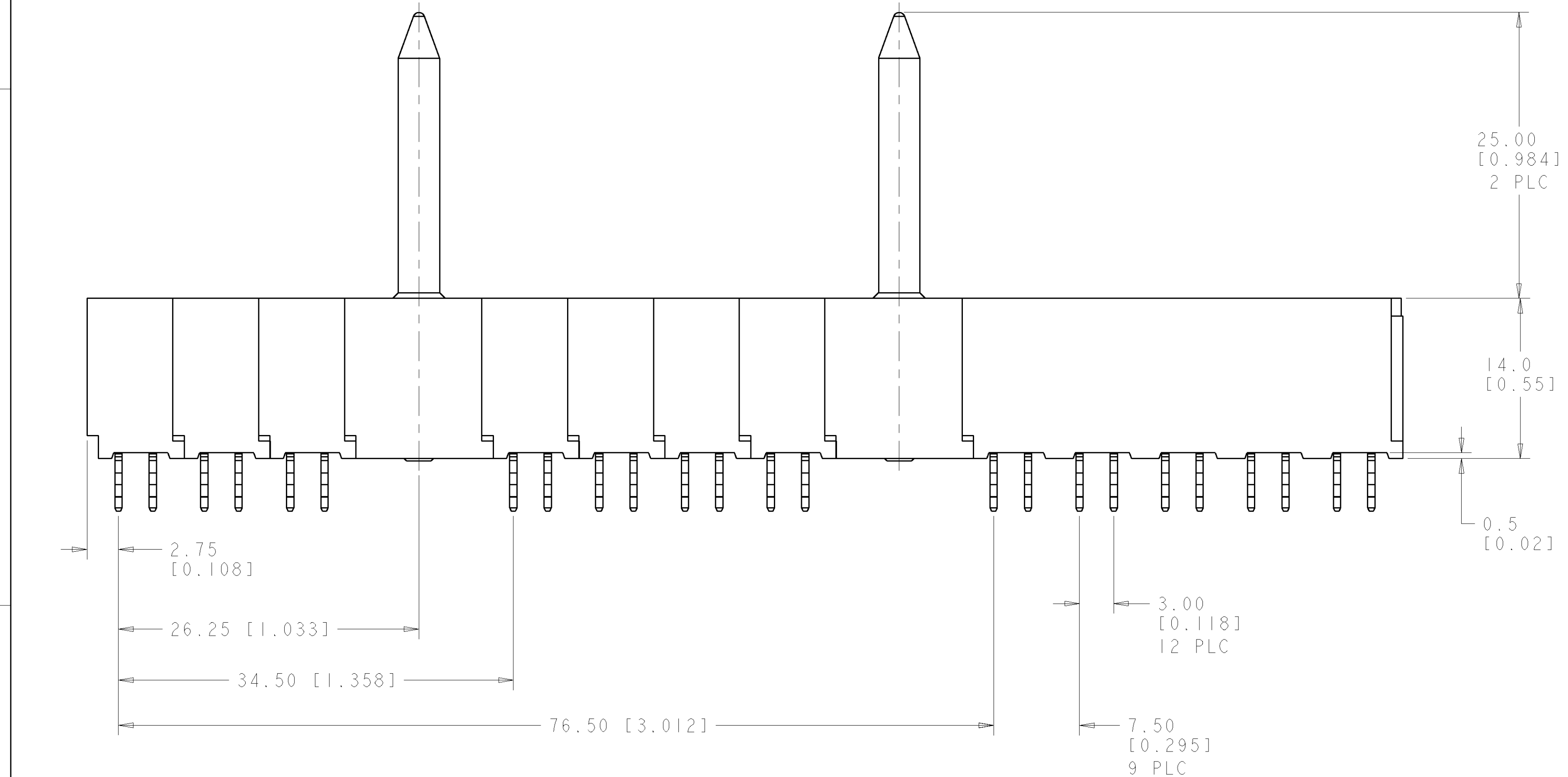
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

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

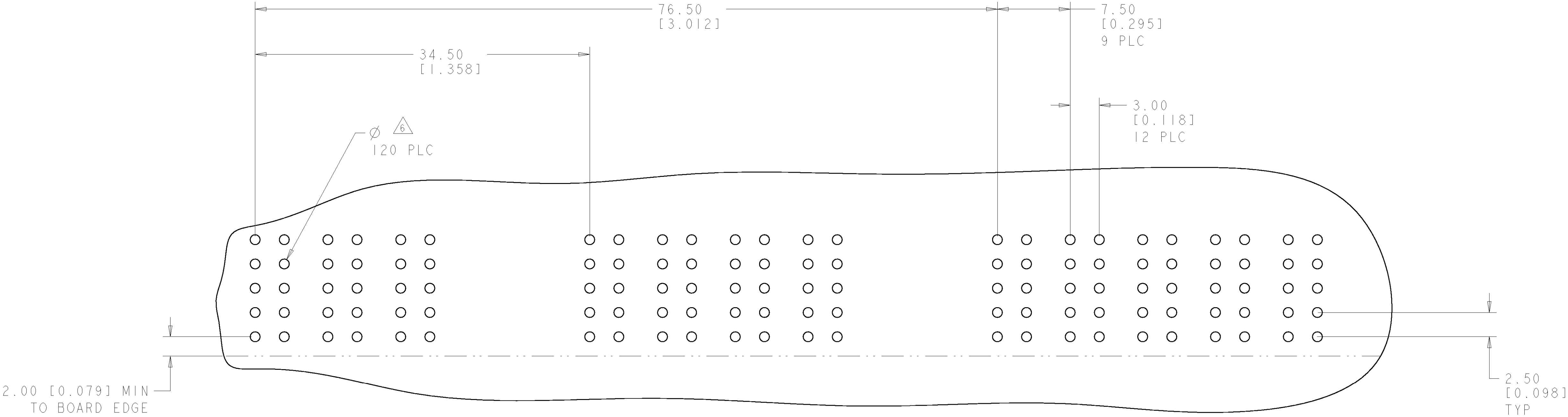
3 FINISH: CONTACTS - GOLD PLATE .000030" MIN. THK., OVER NICKEL .000050" MIN. THK.
COMPLIANT TAIL, TIN .000040" MIN THK. OVER NICKEL .000050" MIN THK.
GUIDE PIN - NICKEL .000050" MIN THK.

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

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



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

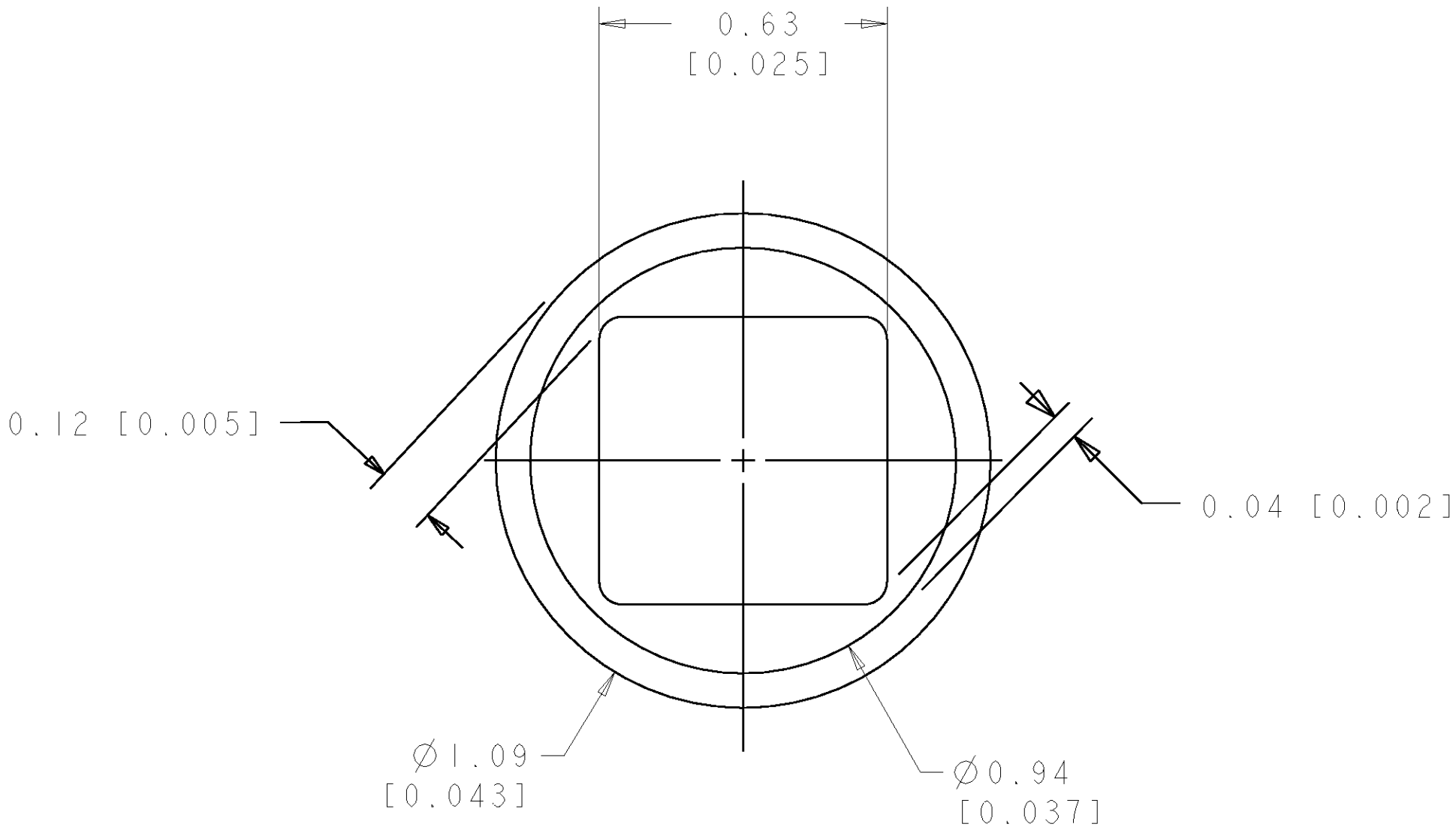
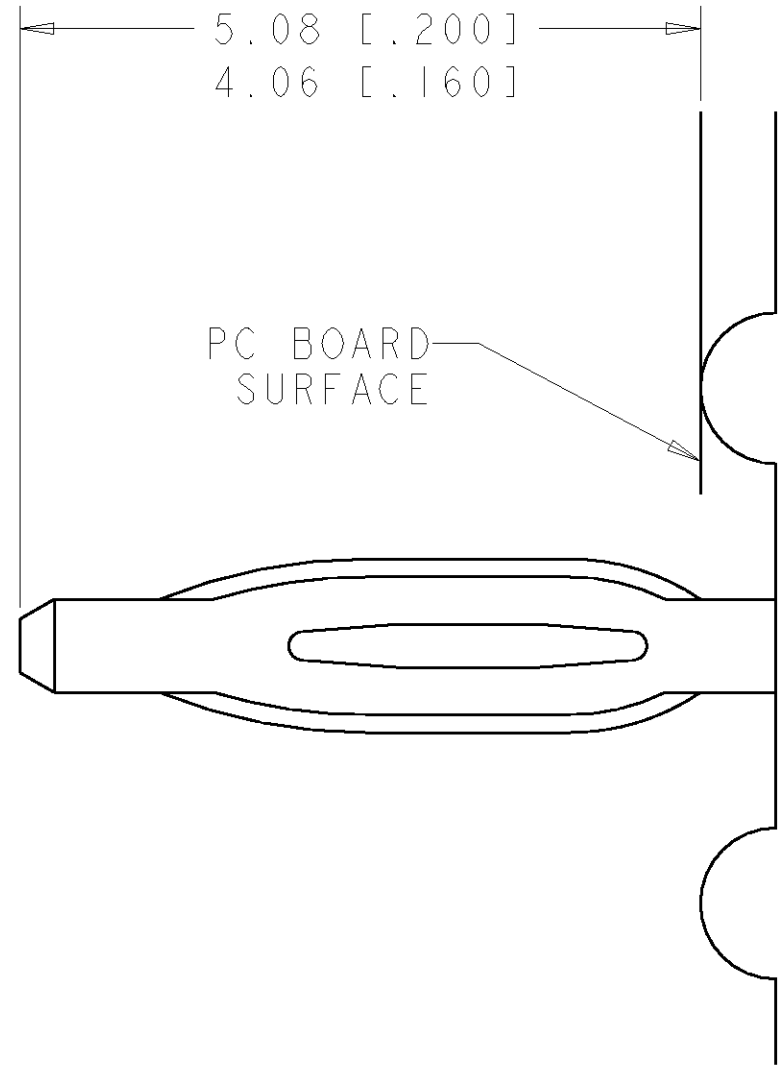


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE
SCALE 4:1

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				

THE INFORMATION ON THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.				DWN R. GRZYBOWSKI 28SEPT06	tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]				CHK P. DAMATO 28SEPT06		
TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD S. FLICKINGER 28SEPT06	NAME CONNECTOR ASSEMBLY, SOCKET STRAIGHT, COMPLIANT TAILS FLATPAQ, PN: 278-1177-10200A	
9 PLC ±.5 12 PLC ±.5 3 PLC ±.25 4 PLC ±.5 ANGLES ±.5 FINISH -				PRODUCT SPEC - APPLICATION SPEC - WEIGHT - CUSTOMER DRAWING		
MATERIAL -				SIZE A	CAGE CODE 00779	
				DRAWING NO. C=6766638		RESTRICTED TO -
				SCALE 4:1		SHEET 2 OF 3
						REV 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]

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)

THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.		DWN	R. GRZYBOWSKI	28SEPT06	tyco <i>Electronics</i> Tyco Electronics Harrisburg, PA 17105-3608		
		CHK	P. DAMATO	28SEPT06			
		APVD	S. FLICKINGER	28SEPT06			
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME		
		0 PLC	±	PRODUCT SPEC			
		1 PLC	±.5	APPLICATION SPEC			
		2 PLC	±.25				
		3 PLC	±				
		4 PLC	±	SIZE			
		ANGLES	±.5	CAGE CODE			
		FINISH	-	DRAWING NO			
MATERIAL		-	-	RESTRICTED TO			
		-	-	A 00779 C=6766638			
		CUSTOMER DRAWING			SCALE 4:1		
					SHEET 3 OF 3		
					REV A		

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6766638-1](#)