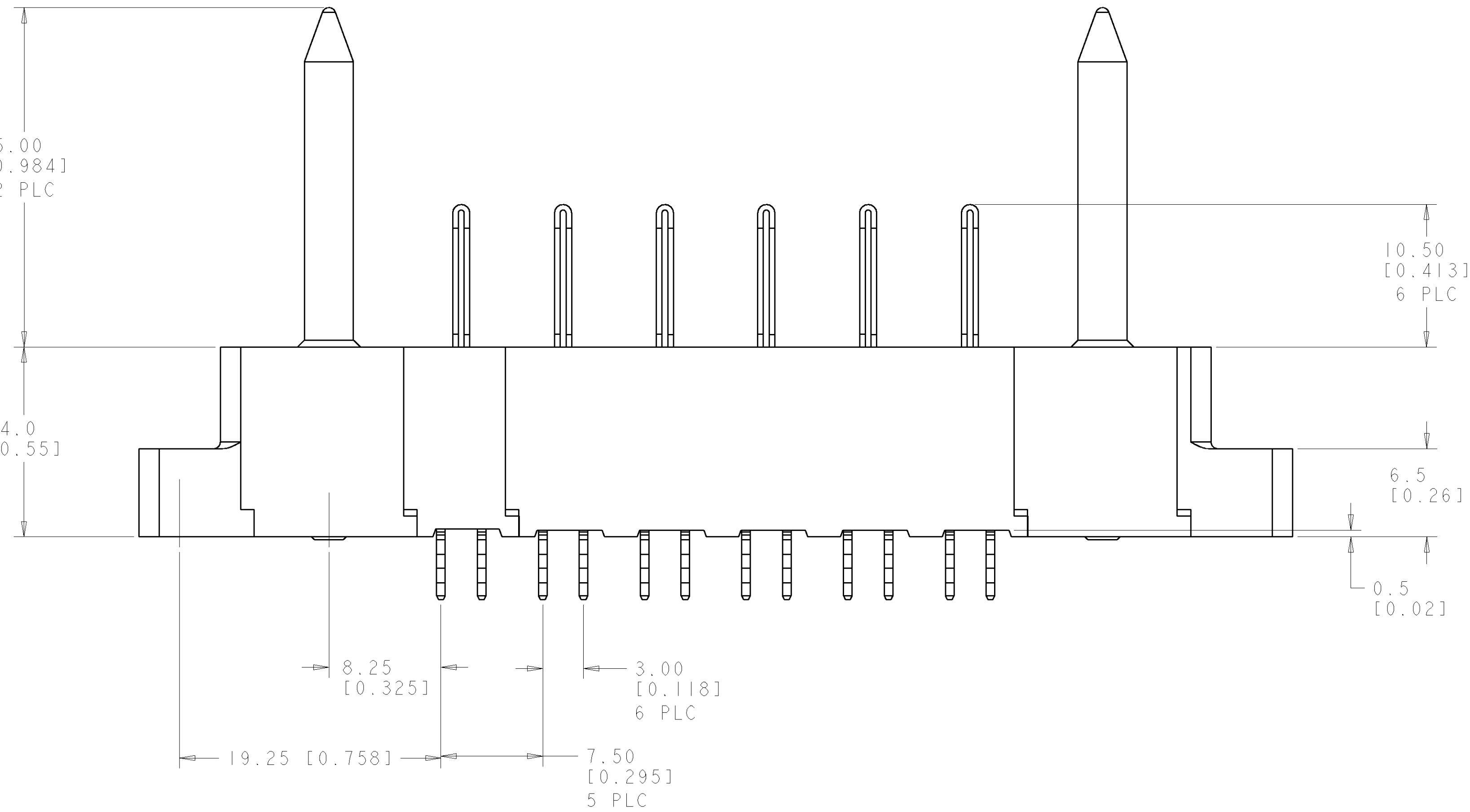
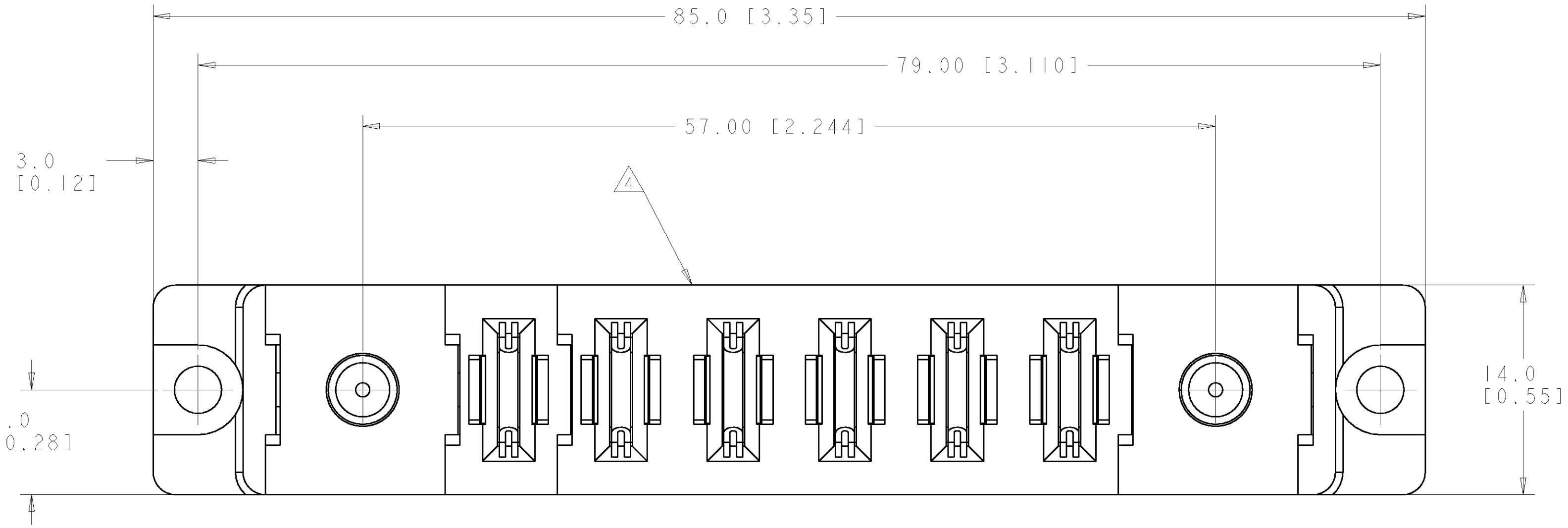
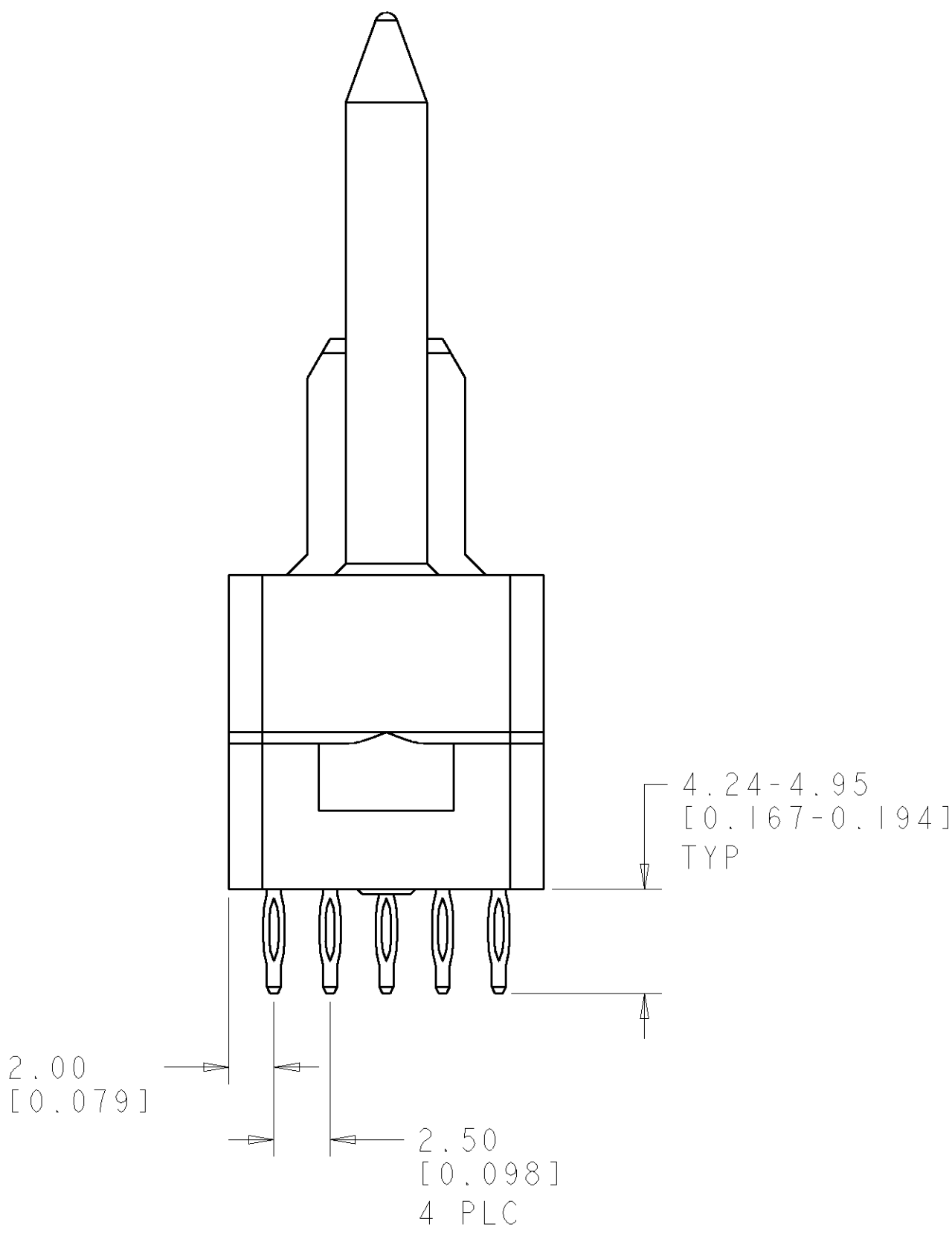


LOC		DIST		REVISIONS						
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD	
		A		RELEASED			18SEP2006	RG	DO	



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
SOLDER SIGNAL PIN - BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS 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.
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

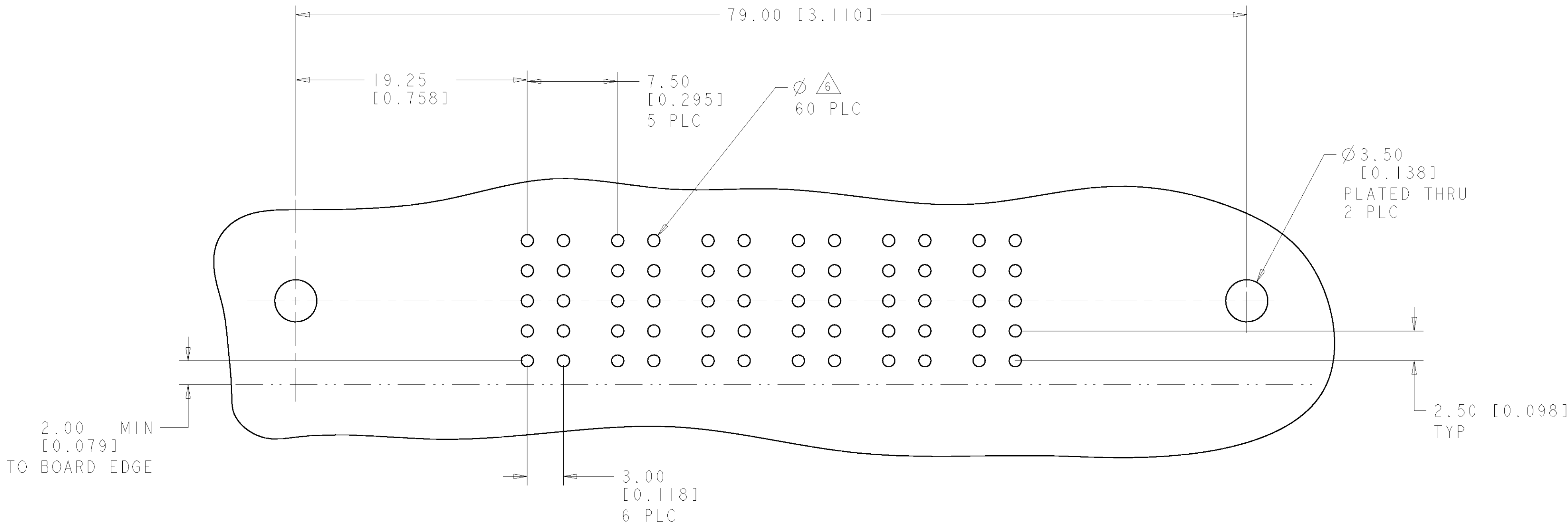


ELCON FLATPAQ

AMP 4805 REV 31MAR2006

AS SHOWN		6646651-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
MATERIAL		FINISH	
DWN R. GRZYBOWSKI CHK D. ORRIS APVD D. ORRIS		18SEP106 18SEP106 18SEP106	
PRODUCT SPEC		APPLICATION SPEC	
WEIGHT		CUSTOMER DRAWING	
SIZE		SCALE	
CAGE CODE		SHEET	
DRAWING NO		OF	
RESTRICTED TO		REV	
A		A	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP201	6	8	6	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP503	2	STRAIGHT GUIDE PIN					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					

THE DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED BY THE CUSTOMER. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION WHEN NO LONGER REQUIRED FOR THE LATEST EDITION.

DIMENSIONS:
mm [INCHES]

MATERIAL

-

FINISH

-

DWN
R. GRZYBOWSKI
CHK
D. ORRIS
APP'D
D. ORRIS

18SEPT06
18SEPT06
18SEPT06

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

9 PLC ±.3 [.013]
1 PLC ±.15 [.005]
2 PLC ±.15 [.005]
3 PLC ±.15 [.005]
4 PLC ±.15 [.005]
ANGLES ±.5

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

STRAIGHT PIN CONNECTOR,
SOLDER TAILS
FLATPAQ

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A

100779

©=6646651

-

SCALE

2:1

SHEET

2

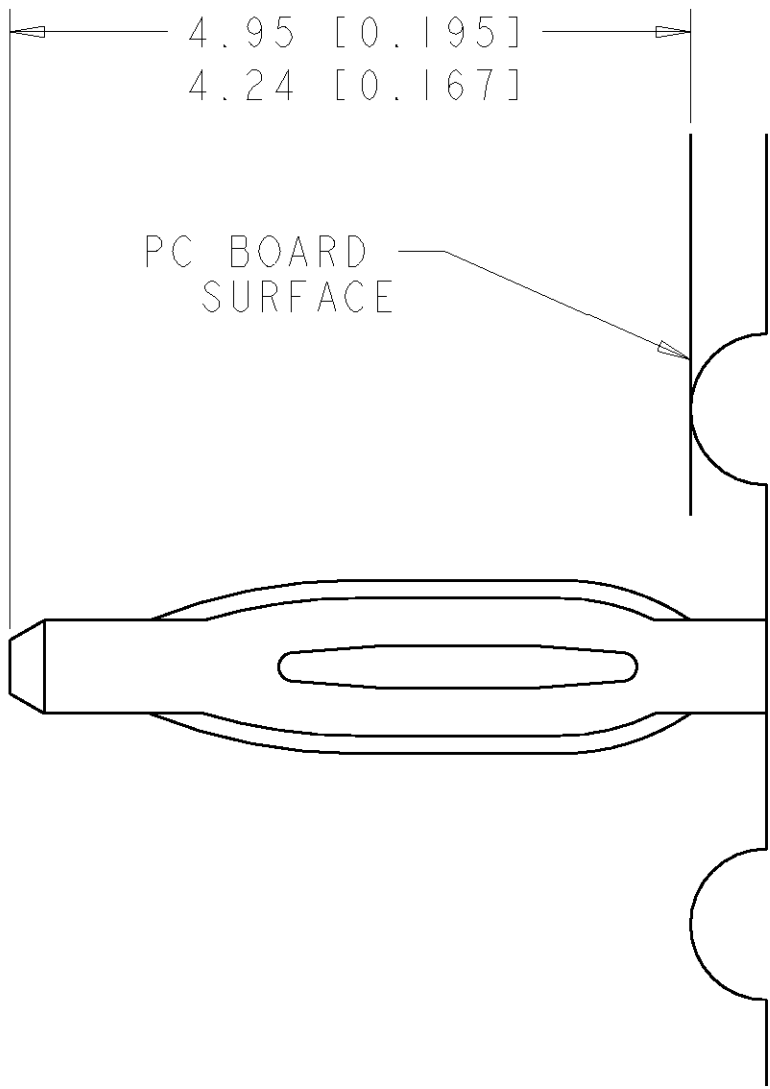
OF

3

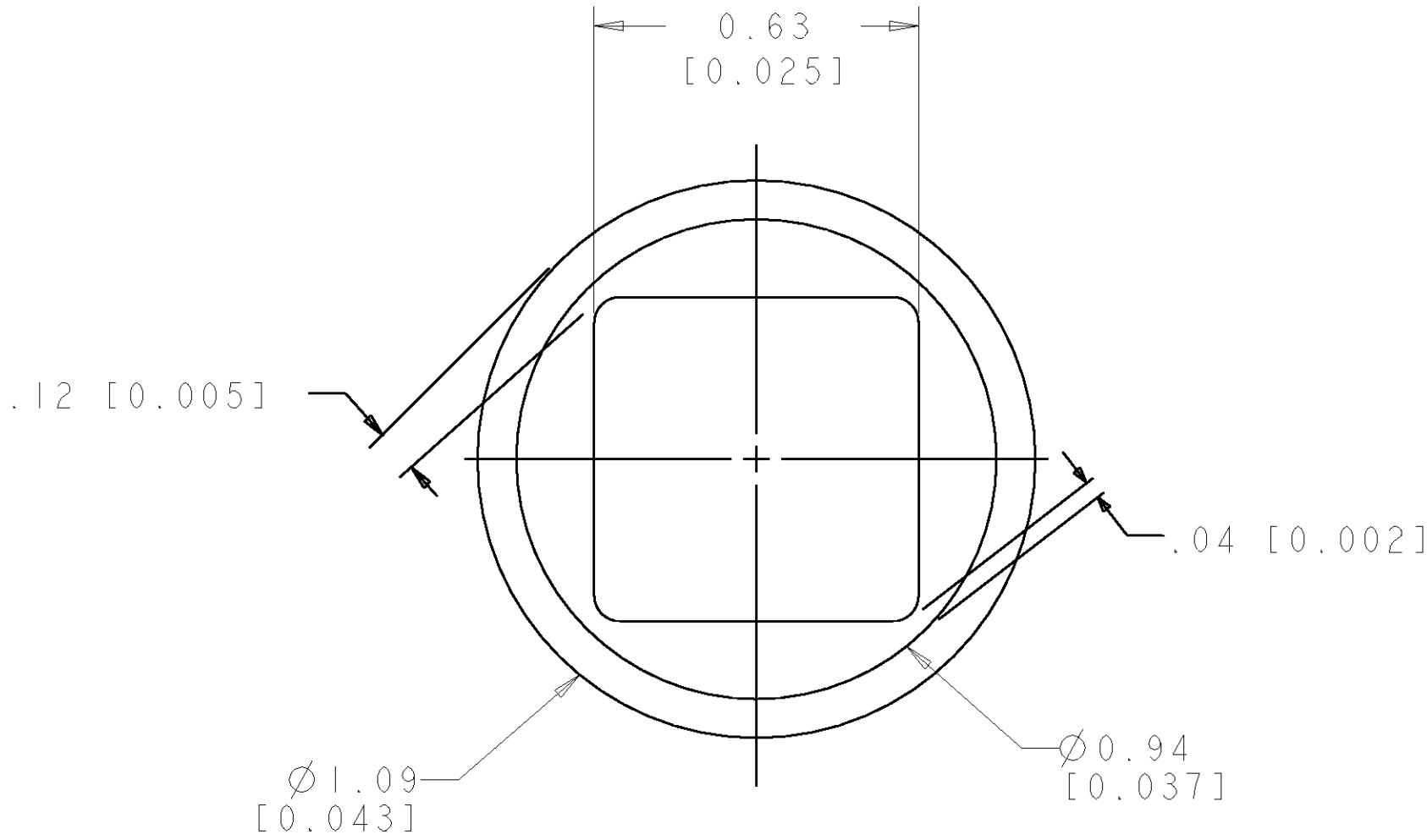
REV

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)



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)

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		CHK D.ORRIS	18SEPT06						
		APVD D.ORRIS	18SEPT06	NAME					
		PRODUCT SPEC		STRAIGHT PIN CONNECTOR, SOLDER TAILS FLATPAQ					
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE	CAGE CODE		
		0 PLC	±	-		DRAWING NO			
		1 PLC	±0.3 [0.01]			A100779C=6646651			
		2 PLC	±0.15 [0.005]						
		3 PLC	±0.013						
		4 PLC	±0.0001	-		RESTRICTED TO			
		ANGLES	± 5						
MATERIAL		FINISH		WEIGHT		-			
-		-		-		-			
CUSTOMER DRAWING				SCALE	2:1	SHEET	3 OF 3		
				REV	A				

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6646651-1](#)