

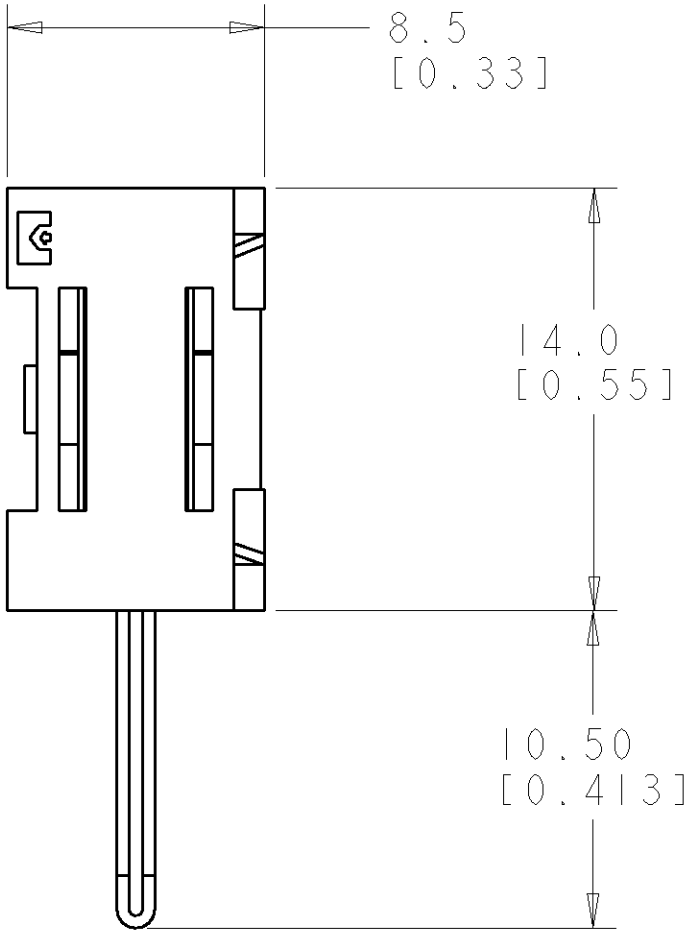
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED	09JAN2007	RG	PD

D

C

B

A



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

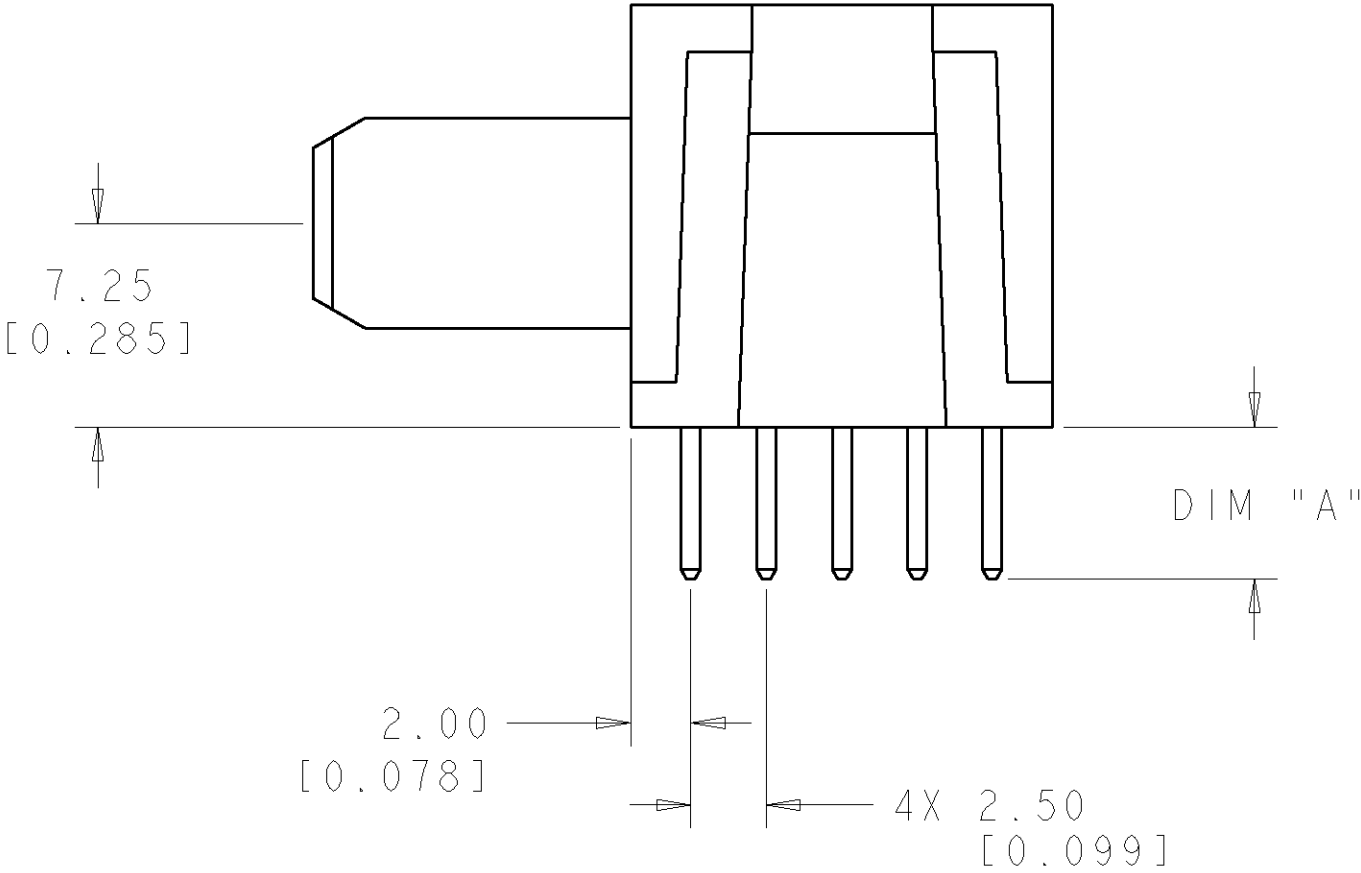
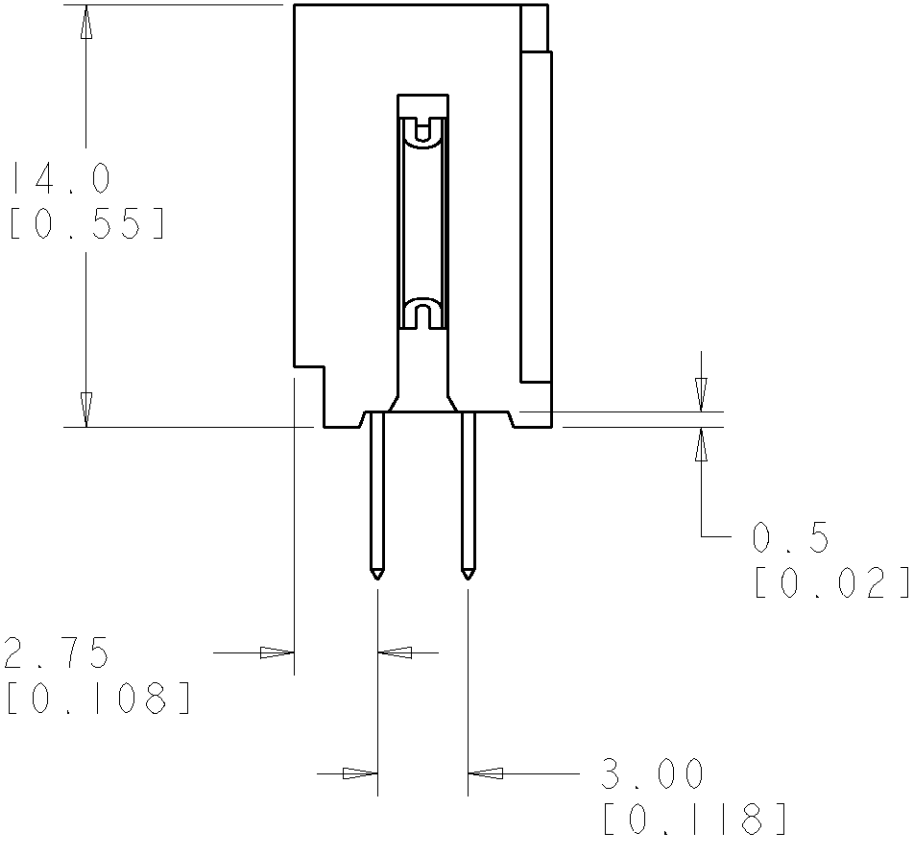
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - COPPER ALLOY,
3. FINISH:

CONTACTS - GOLD PLATE 0.76 MICROMETERS MIN. THK., OVER NICKEL
1.27 MICROMETERS MIN. THK
SOLDER TAILS, TIN 3.05 MICROMETERS MIN. THK. OVER NICKEL
1.27 MICROMETERS MIN. THK
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED ON THE CONTAINER PER THE FOLLOWING IDENTIFIER LABEL

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

XXXXXXXX-X XXXX

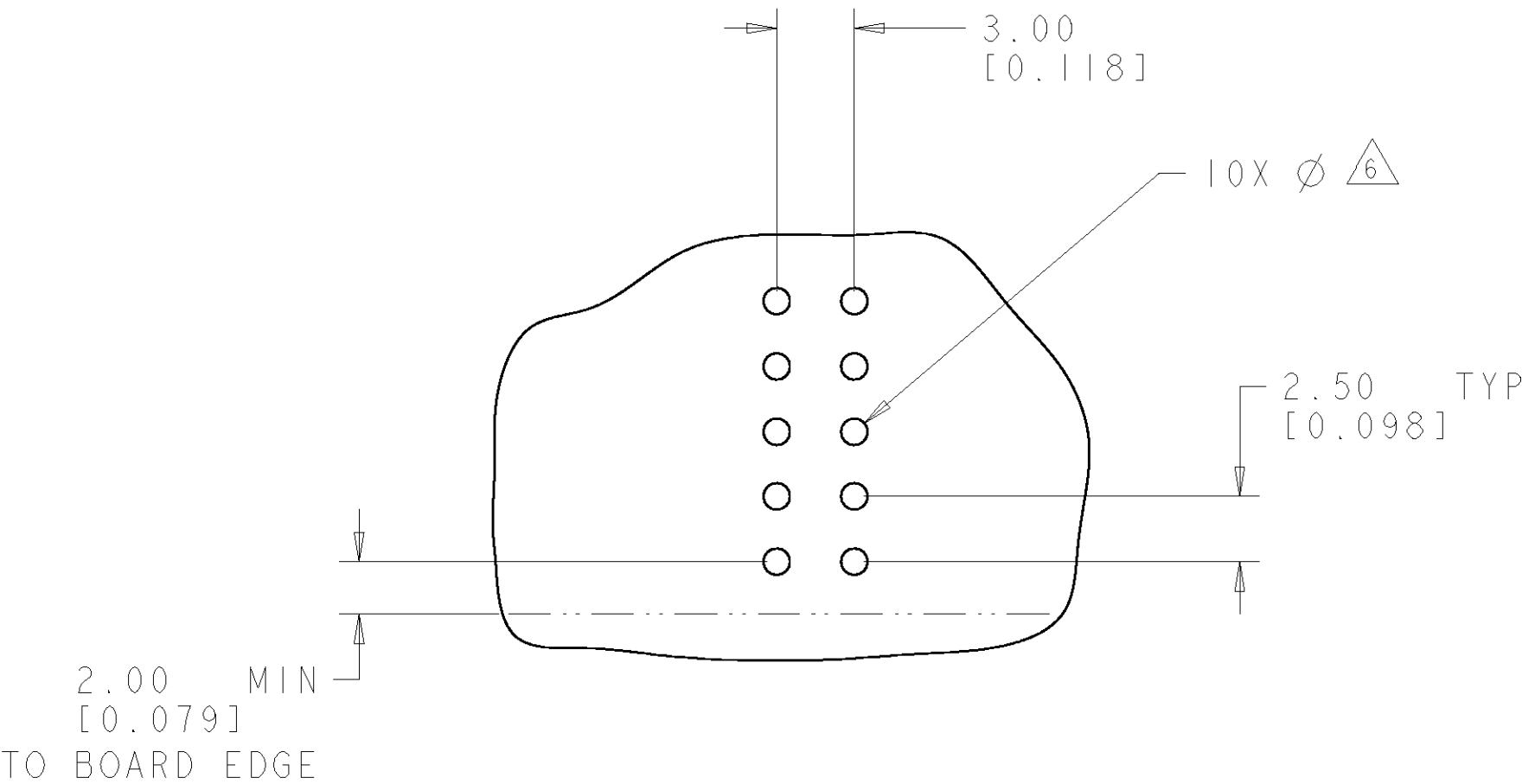
YEAR WEEK



3.56-2.54 [.140-.100]	1926312-2
5.08-4.06 [.200-.160]	1926312-1
DIM "A"	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 09JAN2007	tyco Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK P. DAMATO 09JAN2007		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 09JAN2007	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER, FPI51 FLATPAQ	
0 PLC ±.3 1 PLC ±.15 2 PLC ±.15 3 PLC ±.15 4 PLC ±.15 ANGLES ±.5 FINISH		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		
MATERIAL -		CUSTOMER DRAWING	SIZE A2	CAGE CODE 00779
			DRAWING NO 1926312	RESTRICTED TO -
			SCALE 4:1	SHEET 1 OF 3
				REV A

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



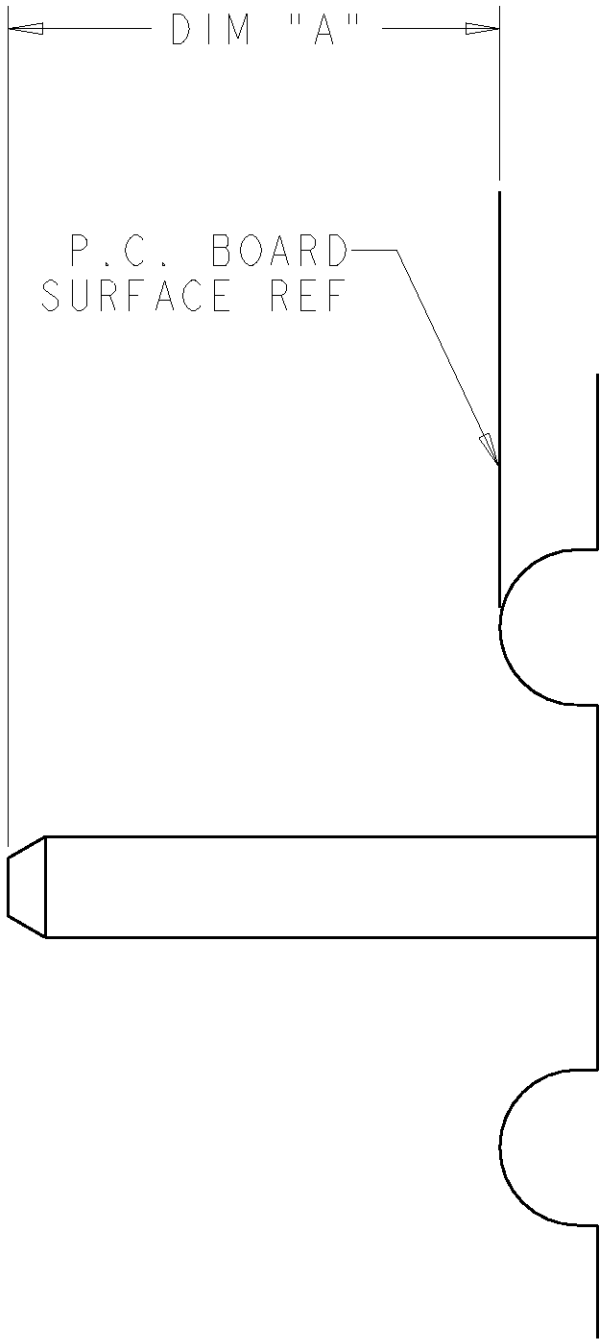
PRINTED CIRCUIT BOARD LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI51	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250

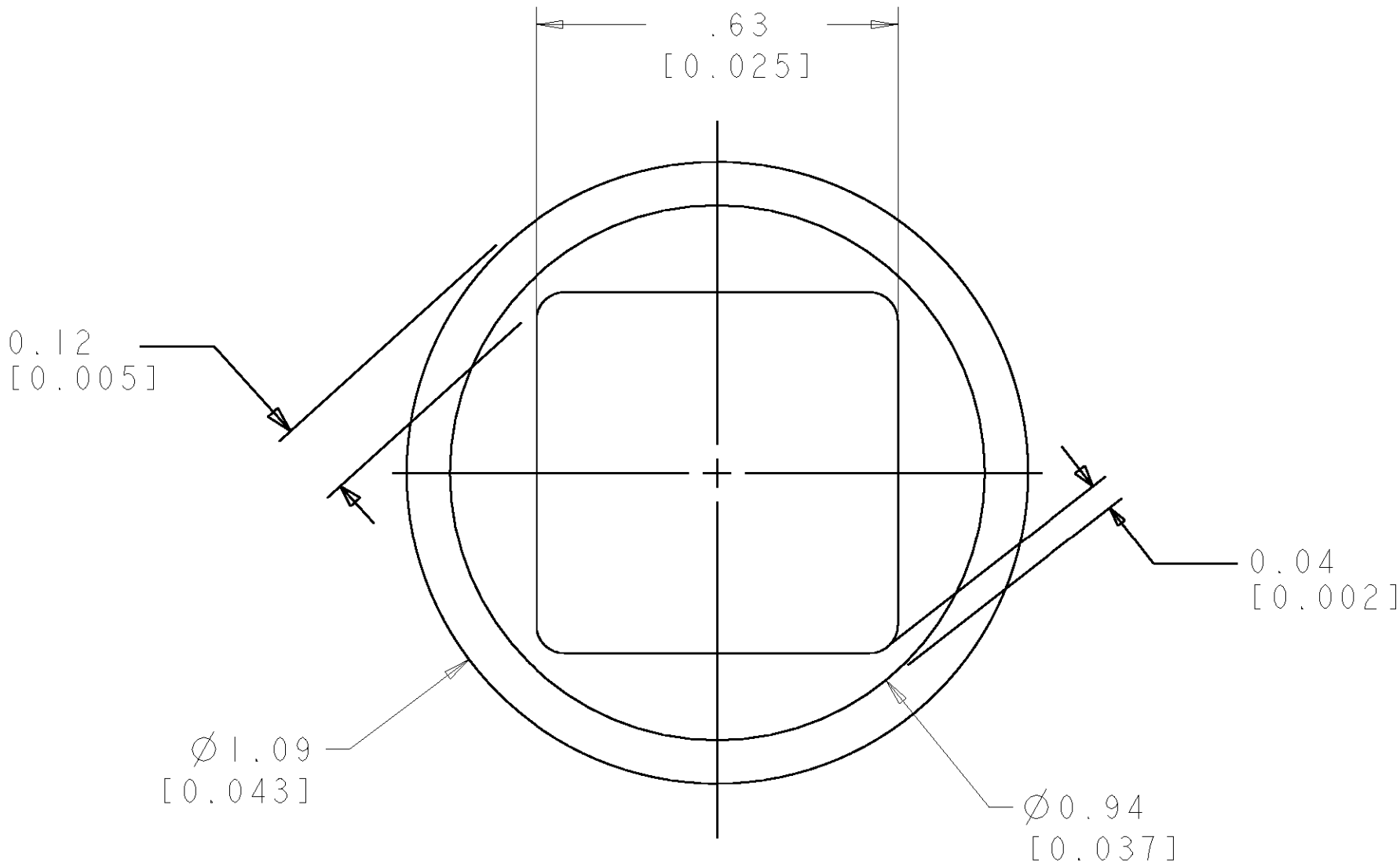
ELCON FLATPAQ

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		PRODUCT SPEC -				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC -	SIZE A200779			
0 PLC ±.3 1 PLC ±.3 2 PLC ±.15 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		WEIGHT -				
MATERIAL -		CUSTOMER DRAWING	DRAWING NO C-1926312			
			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. SOLDER PIN DETAIL
SCALE 10:1



6. SOLDER TERMNIATION AREA
SCALE 40:1

RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

ELCON FLATPAQ

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0 PLC ±.3 1 PLC ±.15 2 PLC ±.15 3 PLC ±.15 4 PLC ±.5		WEIGHT -	DRAWING NO -			
MATERIAL -		CUSTOMER DRAWING		SCALE 4:1	SHEET 3 OF 3	REV A