

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED	20FEB2006	RG	PD

D

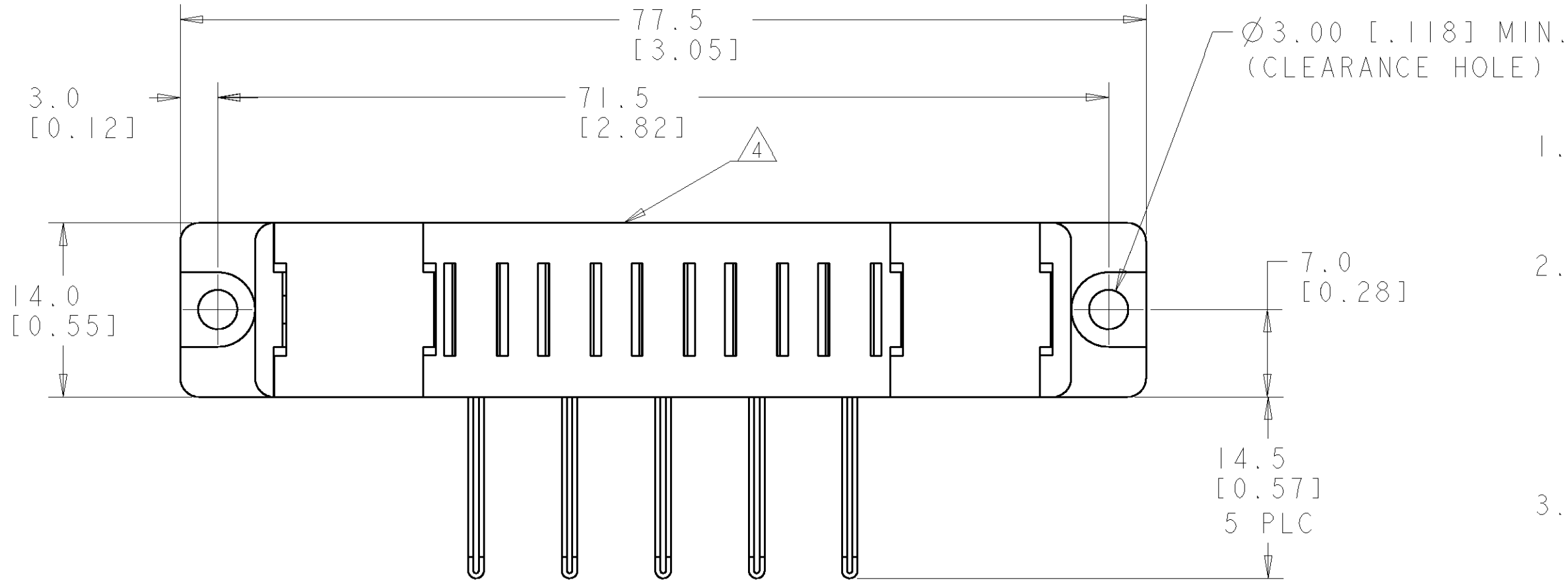
C

B

A

ELCON

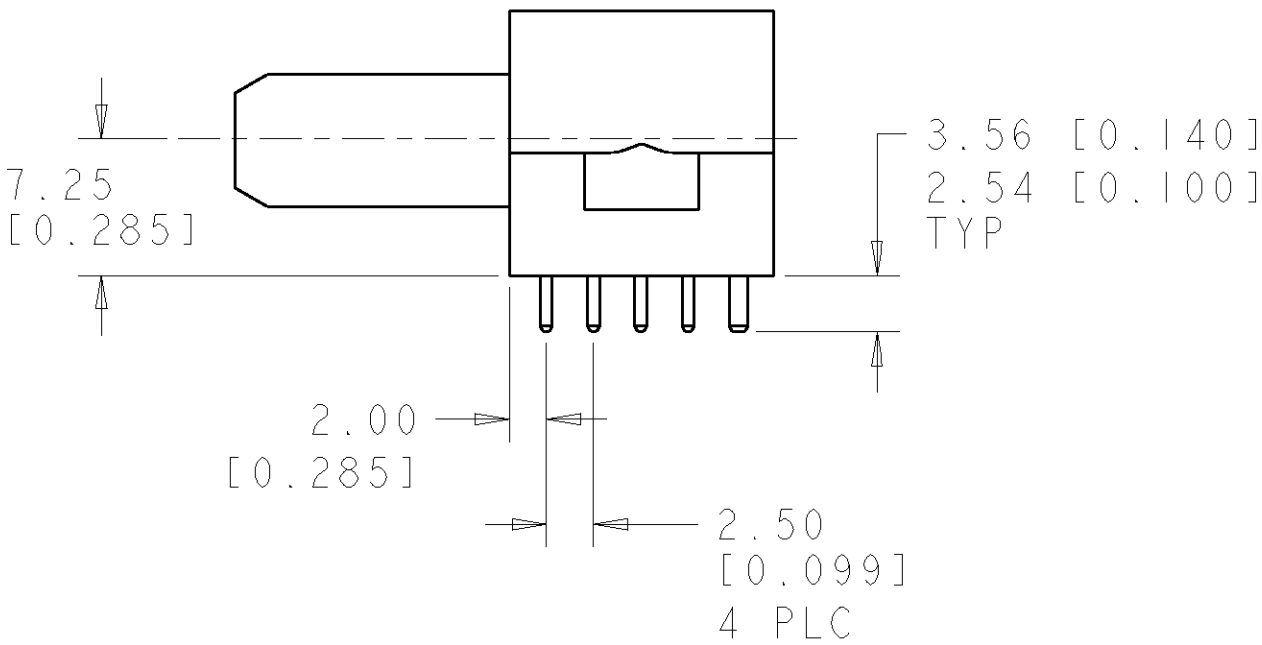
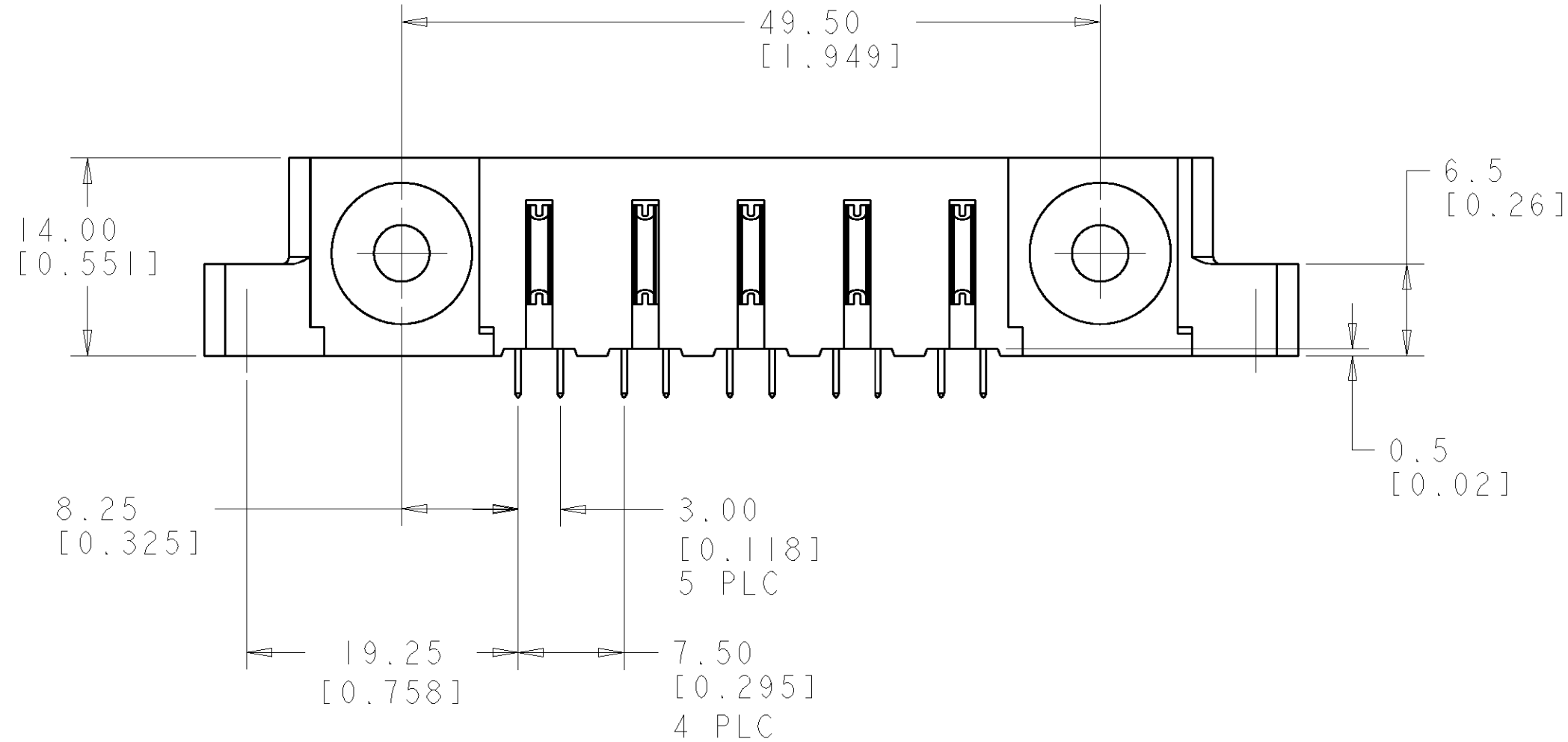
FLATPAQ



- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
- FINISH:
CONTACTS - GOLD PLATE PER MIL-G-45204 TYPE II, CLASS O, .000030 INCH MIN. THK., OVER NICKEL PER QQ-N-290, CLASS 2, .000040 INCH MIN. THK SOLDER TAILS, TIN PER ASTM B 545, .000100 INCH MIN. THK.

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

TYCO PART NO. _____ DATE CODE (e.g. 0106) _____
XXXXXXXX-X XXXX



AS SHOWN	6766654-1
DESCRIPTION	PART NUMBER

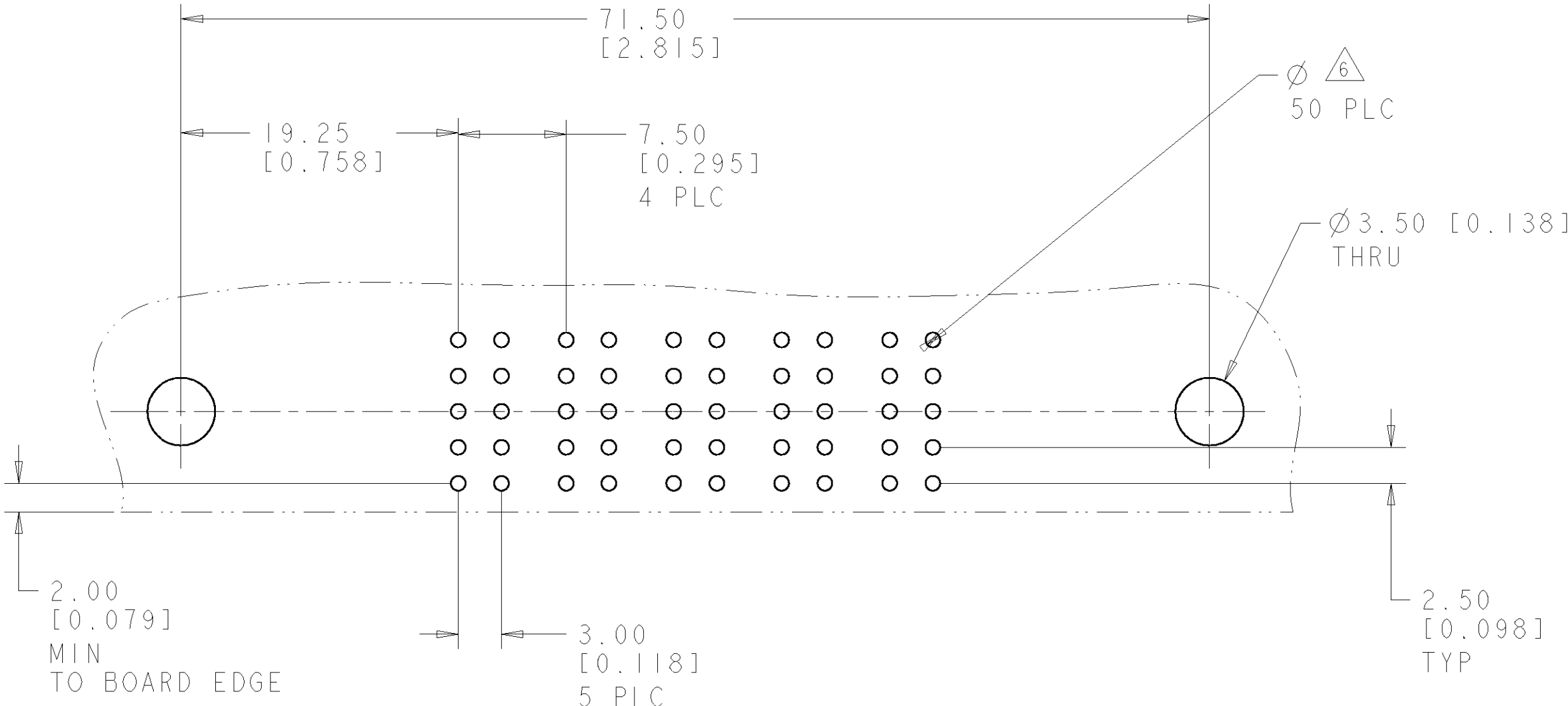
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 20FEB2006	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK P. DAMATO 20FEB2006	NAME PIN CONNECTOR ASSEMBLY RIGHT ANGLE SOLDER TAILS	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 [.020] 1 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±.5 [.020] 4 PLC ±.5 [.020] ANGLES ±.5 FINISH		APVD S. FLICKINGER 20FEB2006	SIZE A200779	
MATERIAL -		PRODUCT SPEC -	CAGE CODE 6766654	
		APPLICATION SPEC -	DRAWING NO 6766654	
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 3 REV A	

D

C

B

A



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI158	5	8	5	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FPI506	2	RIGHT ANGLE GUIDE SOCKET					
	FPI500	1	LEFT MOUNTING FLANGE					
	FPI501	1	RIGHT MOUNTING FLANGE					

ELCON FLATPAQ

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.

DIMENSIONS:
mm[INCHES]

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5 [.020]

2 PLC ±.25 [.010]

3 PLC ±.

4 PLC ±.

ANGLES ±.5

FINISH

-

DWN
R.GRZYBOWSKI
20FEB2006

CHK
P.DAMATO
20FEB2006

APVD
S.FLICKINGER
20FEB2006

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
PIN CONNECTOR ASSEMBLY
RIGHT ANGLE
SOLDER TAILS

SIZE
A200779

CAGE CODE
C-6766654

DRAWING NO
-

RESTRICTED TO
-

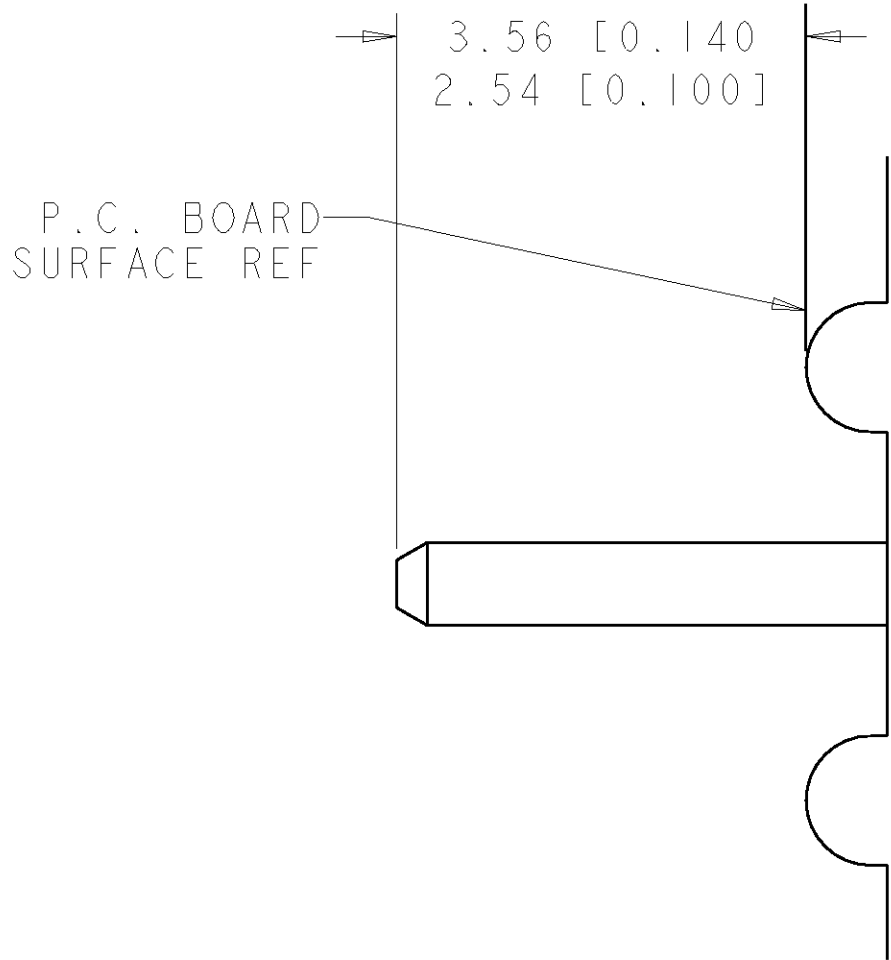
SCALE
4:1

SHEET
2

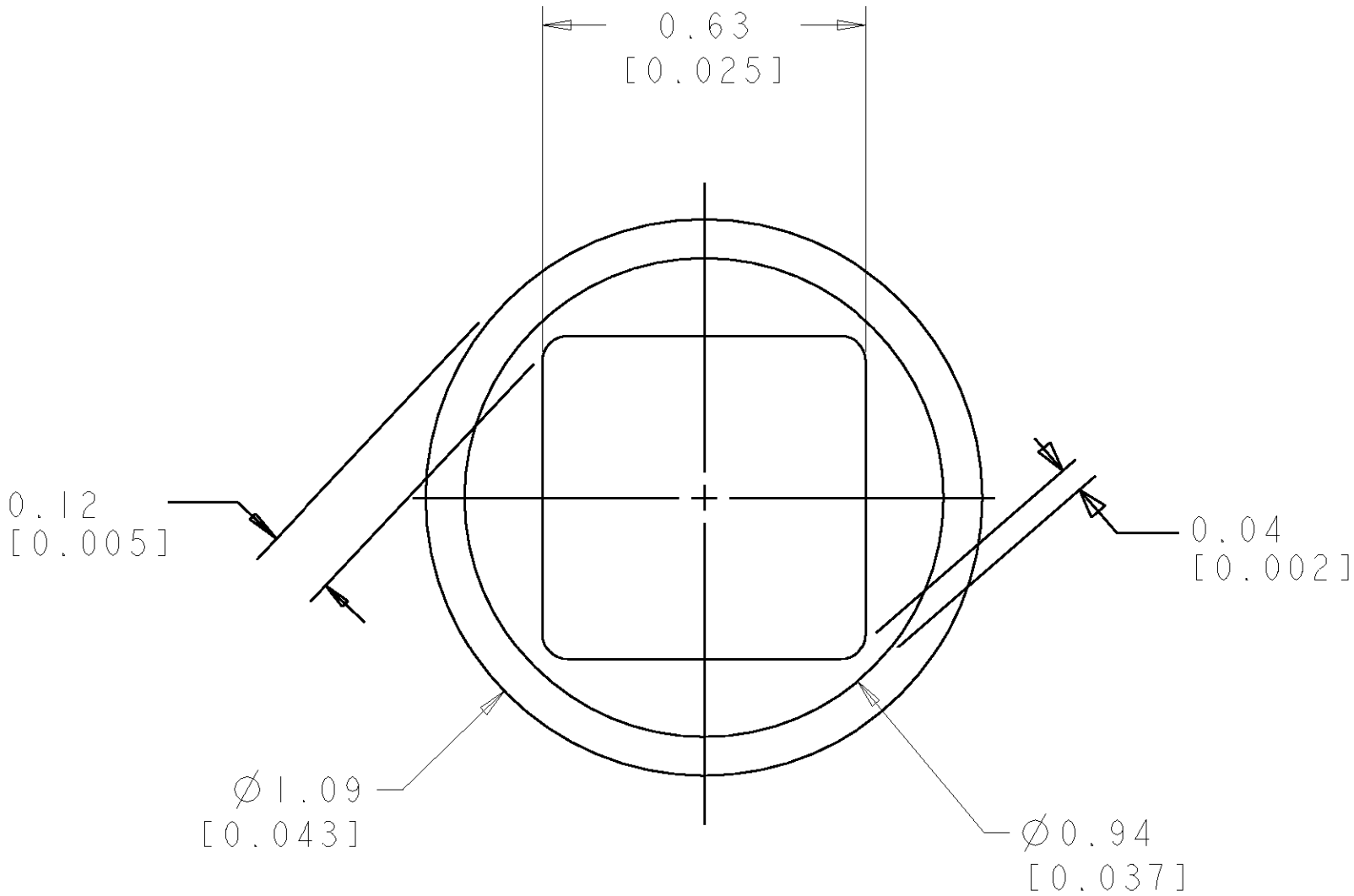
OF
3

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 OU: 44.4N PER PIN
[10 LBS]



6. SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER OR COMPLIANT PRESS FIT
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] TO .050 [.0020]
TIN PLATE: .0005 [.000020] MIN. (PER SURFACE)

ELCON

FLATPAQ

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 20FEB2006	Tyco Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: mm[INCHES]		CHK P. DAMATO 20FEB2006	NAME PIN CONNECTOR ASSEMBLY RIGHT ANGLE SOLDER TAILS			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 20FEB2006				
0 PLC ±.5 [.020] 1 PLC ±.25 [.010] 2 PLC ±.25 [.010] 3 PLC ±. 4 PLC ±. ANGLES ±.5		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	SIZE A200779	CAGE CODE C-6766654	DRAWING NO. -	RESTRICTED TO -
MATERIAL -		CUSTOMER DRAWING		SCALE 4 : 1	SHEET 3 OF 3	REV A