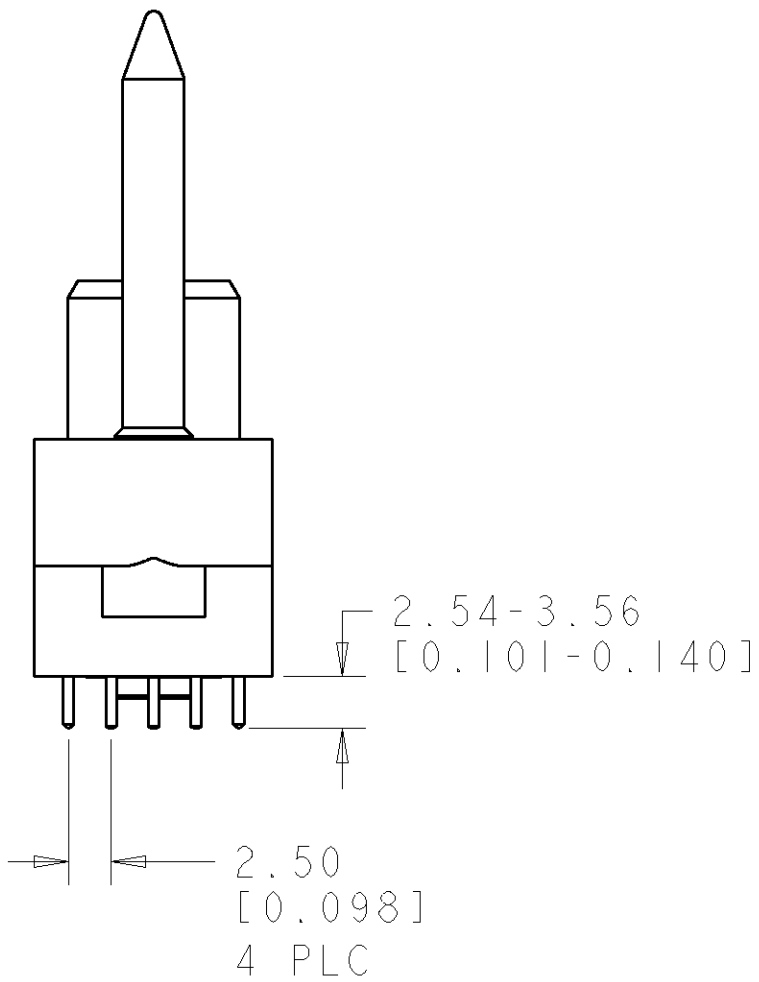
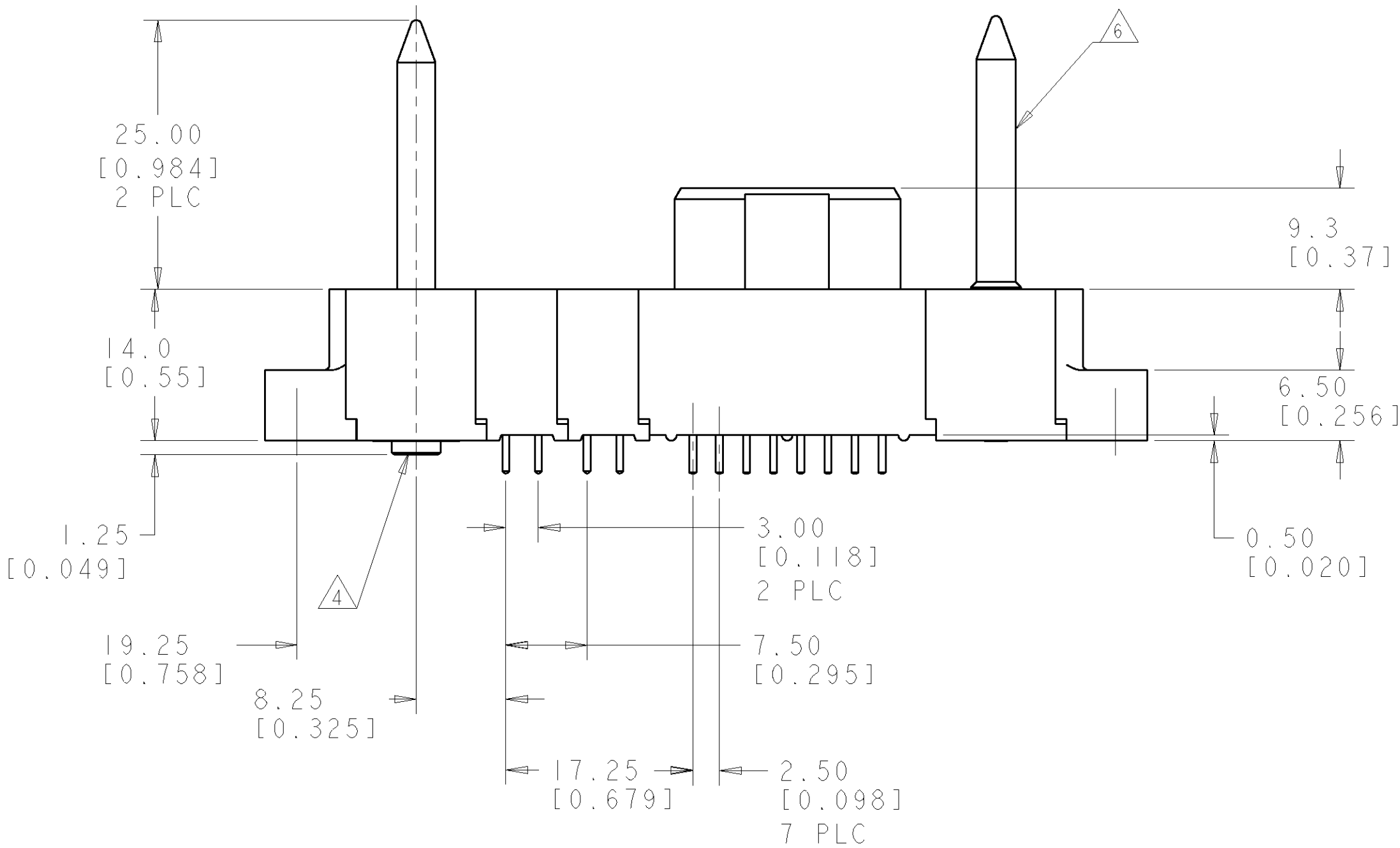
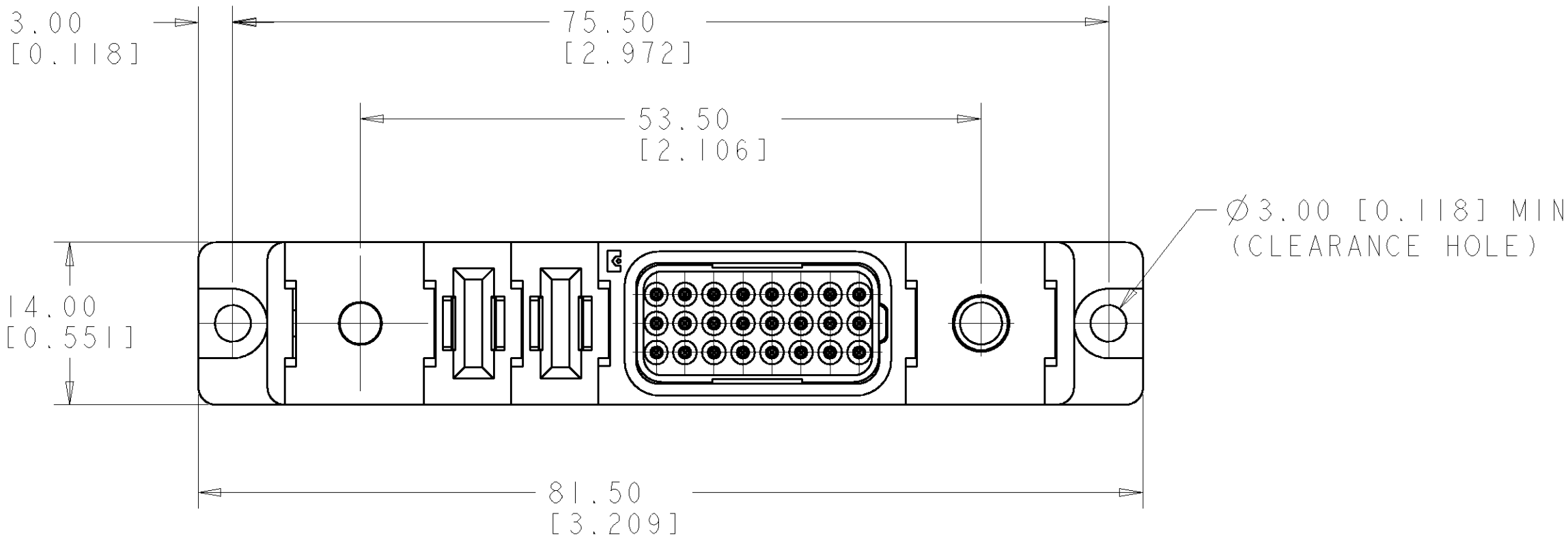


LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	APVD
		A		RELEASED	24FEB2006	RG SF
		B		REV PER ECO-07-006504	29MAR2007	RG PD



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 24FEB2006 CHK S. FLICKINGER 24FEB2006 APVD S. FLICKINGER 24FEB2006	Tyco Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STRAIGHT SOCKET CONNECTOR, SOLDER TAILS, PCB LAYOUT		
0 PLC ± 1 PLC ±0.3 [0.01] 2 PLC ±0.15 [0.005] 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±5 FINISH		PRODUCT SPEC - APPLICATION SPEC - WEIGHT - CUSTOMER DRAWING		SIZE A200779	CAGE CODE C-6651366	RESTRICTED TO -
MATERIAL -		SCALE 3:1		SHEET 1	OF 3	REV B

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APV
GP	00		-	SEE SHEET I	-	-	-

I. 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 PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS COPPER ALLOY

3. FINISH:

CONTACTS - GOLD PLATE .000030 INCH MIN. THK., OVER NICKEL
.000040 INCH MIN. THK
SOLDER TAILS, TIN .000100 INCH MIN. THK. OVER NICKEL
.0005 MIN THK.
GUIDE PIN - SILVER PLATE .0002 MIN THK. OVER NICKEL .00004 MIN THK.

4 ACTIVE GUIDE PIN ACCEPT M3 SCREWS, (USER SUPPLIED)

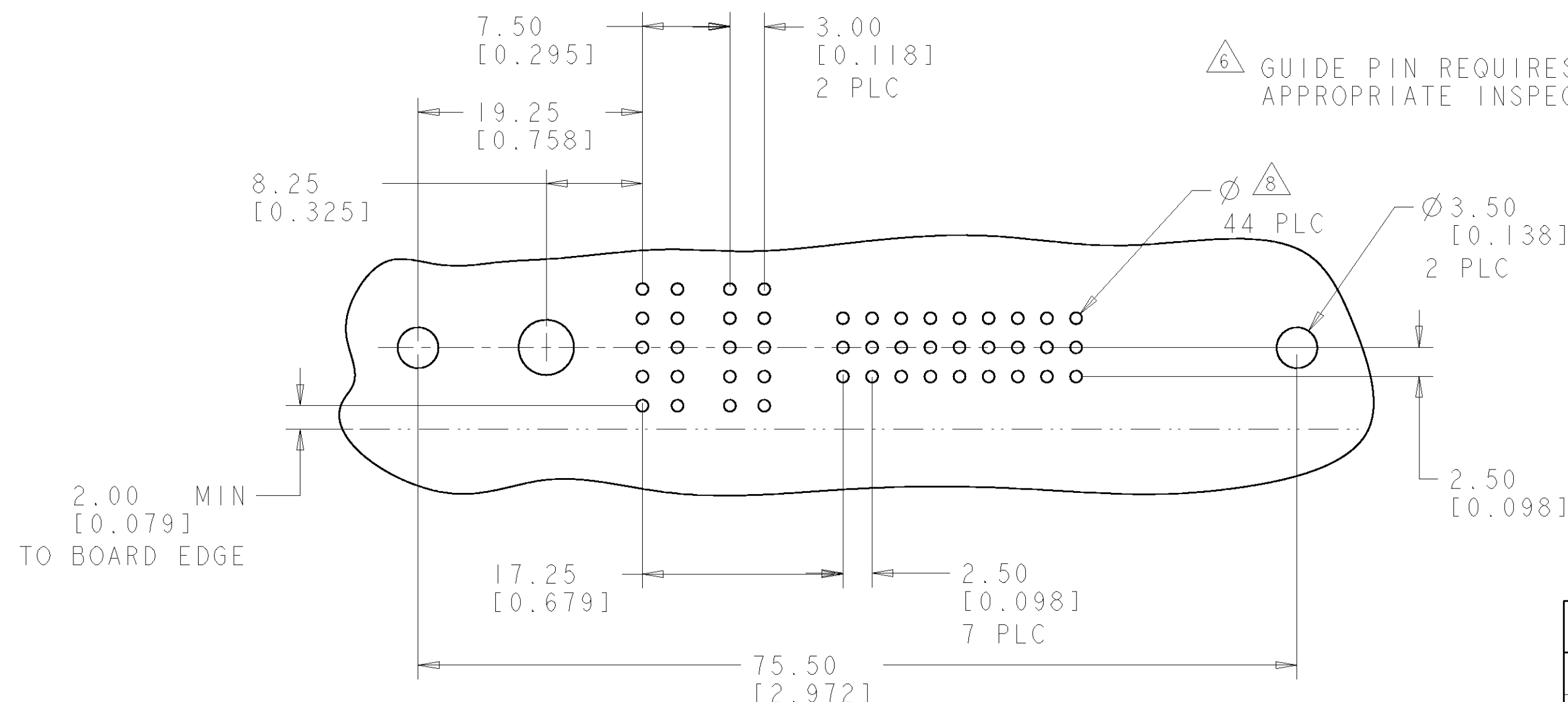
5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

TYCO PART NO.

DATE CODE (e.g., 0106)

YEAR WEEK
$$\overline{XXXXXX - X}$$

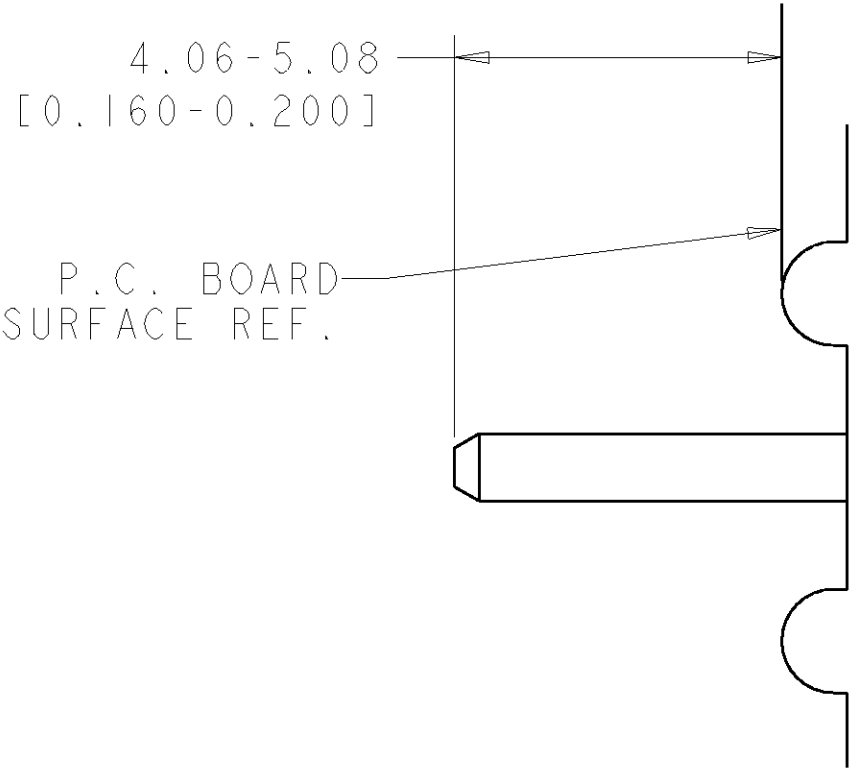
△6 GUIDE PIN REQUIRES A MINIMUM RETENTION FORCE OF 25lbf.
APPROPRIATE INSPECTION PLAN MUST BE APPLIED.



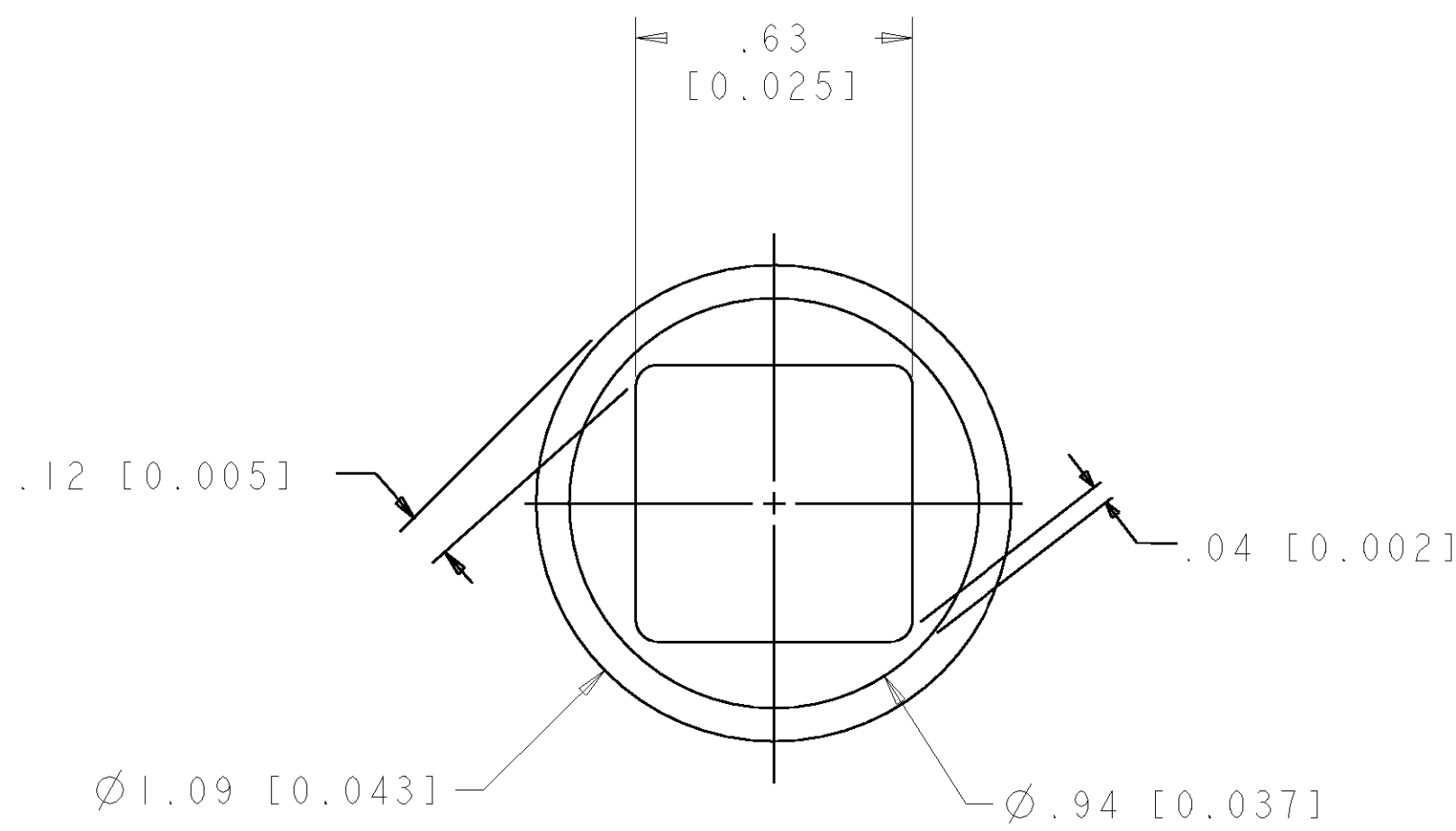
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

ELCON	FLATPAQ
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DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHG 24FEB2006 S.FLICKINGER		NAME				
		APVD 24FEB2006 S.FLICKINGER		PRODUCT SPEC		STRAIGHT SOCKET CONNECTOR, SOLDER TAILS, PCB LAYOUT				
		0 PLC ± 1 PLC ±0.3 [0.01] 2 PLC ±0.15 [0.005] 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±.5		APPLICATION SPEC		-				
MATERIAL		FINISH		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED	
-		-		-		A2	00779	C-6651366	-	
CUSTOMER DRAWING								SCALE 3:1	SHEET 2 OF 3	REV D



7. SOLDER PIN DETAIL
SCALE 10 : 1



8 SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.008 [.0003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP0100-1	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP0301-1	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP0500	1	LEFT MOUNTING FLANGE					
	FPO501	1	RIGHT MOUNTING FLANGE					
	FPO503	1	STRAIGHT GUIDE PIN					
	FP0517	2	ACTIVATED STRAIGHT GUIDE PIN			35 amps		600 VOLTS

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