

LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		29AUG2006	RG	SF	

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 COPPER ALLOY

3 FINISH: CONTACTS - GOLD PLATE .000030" INCH MIN. THK., OVER NICKEL
.000050" INCH MIN. THK
SOLDER TAILS, TIN .000100" INCH MIN. THK. OVER NICKEL
.000050" MIN THK.
GUIDE PIN - SILVER PLATE .000200" MIN THK. OVER
NICKEL .000040" MIN THK.

4 ACTIVE GUIDE PINS ACCEPT #4-40 SCREWS, (USER SUPPLIED)

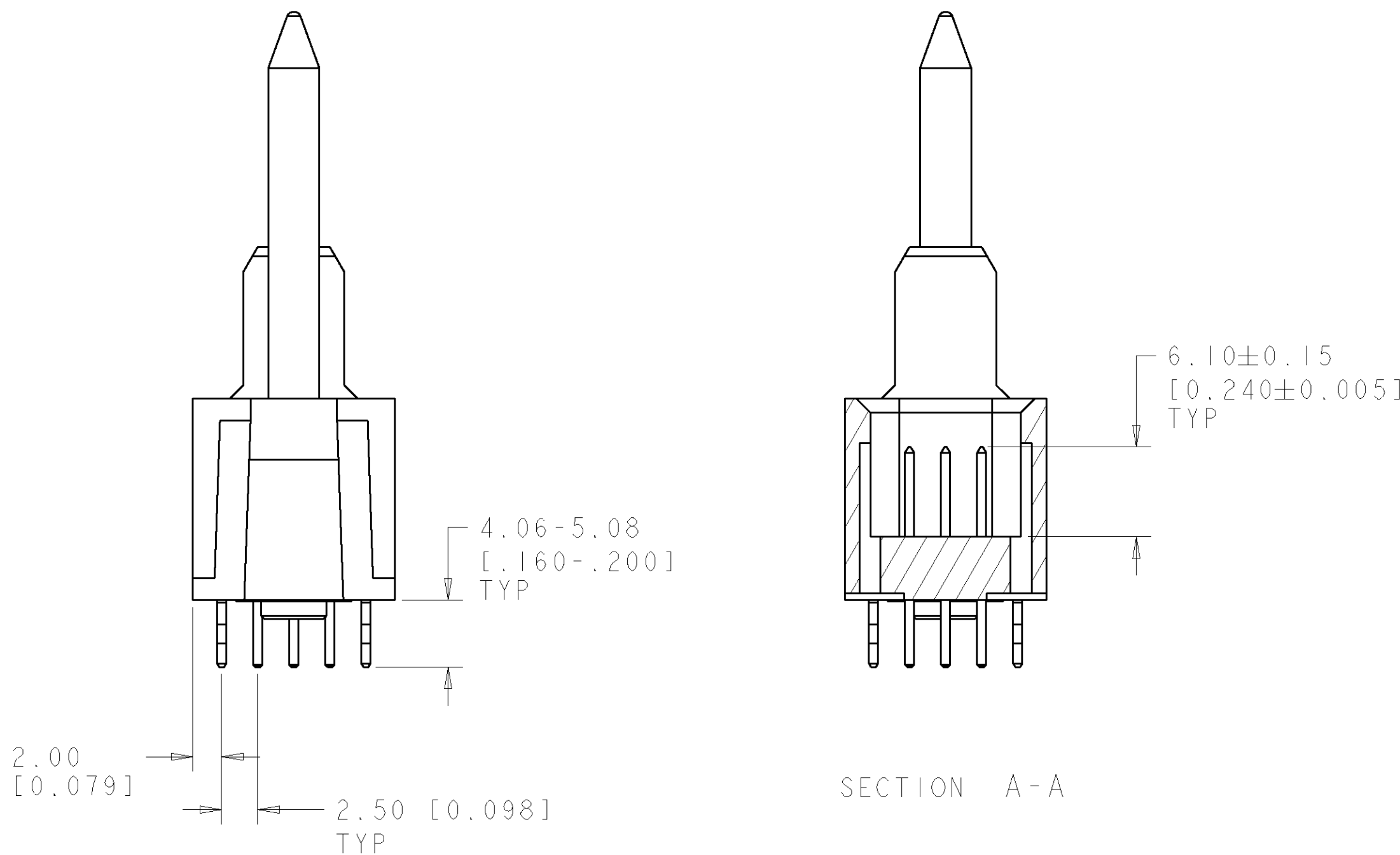
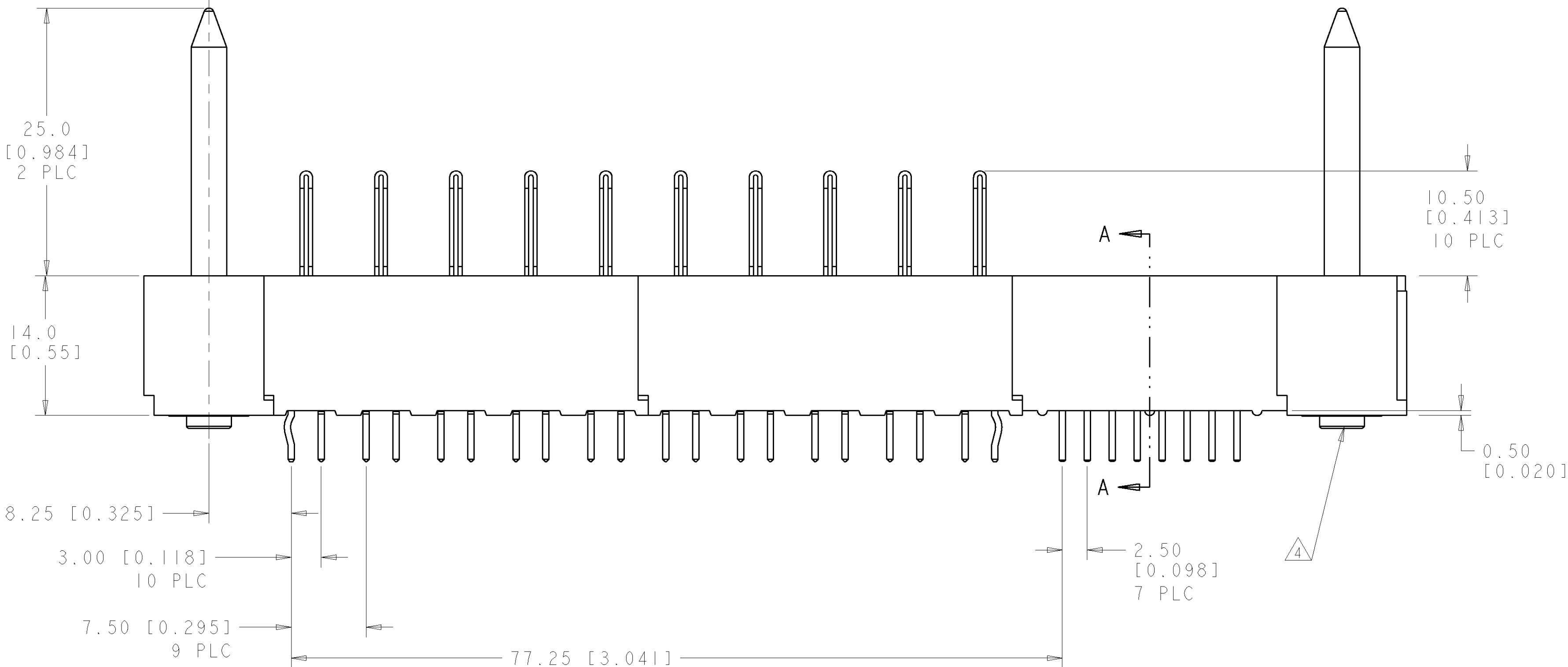
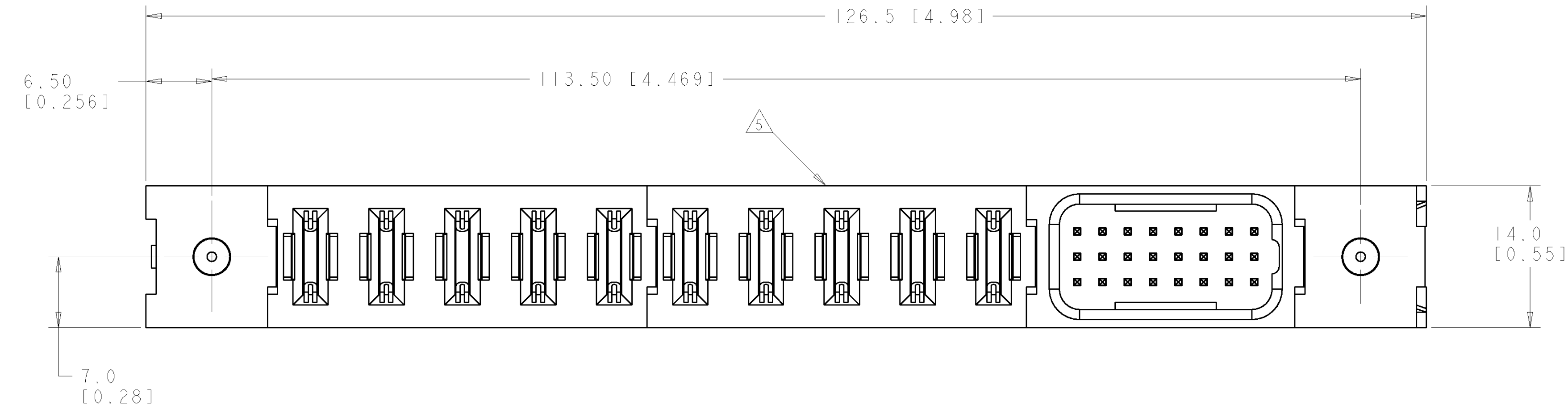
5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR WEEK

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

XXXXXXXX-X XXXX

6. MATES WITH TYCO PN 6648040-1.



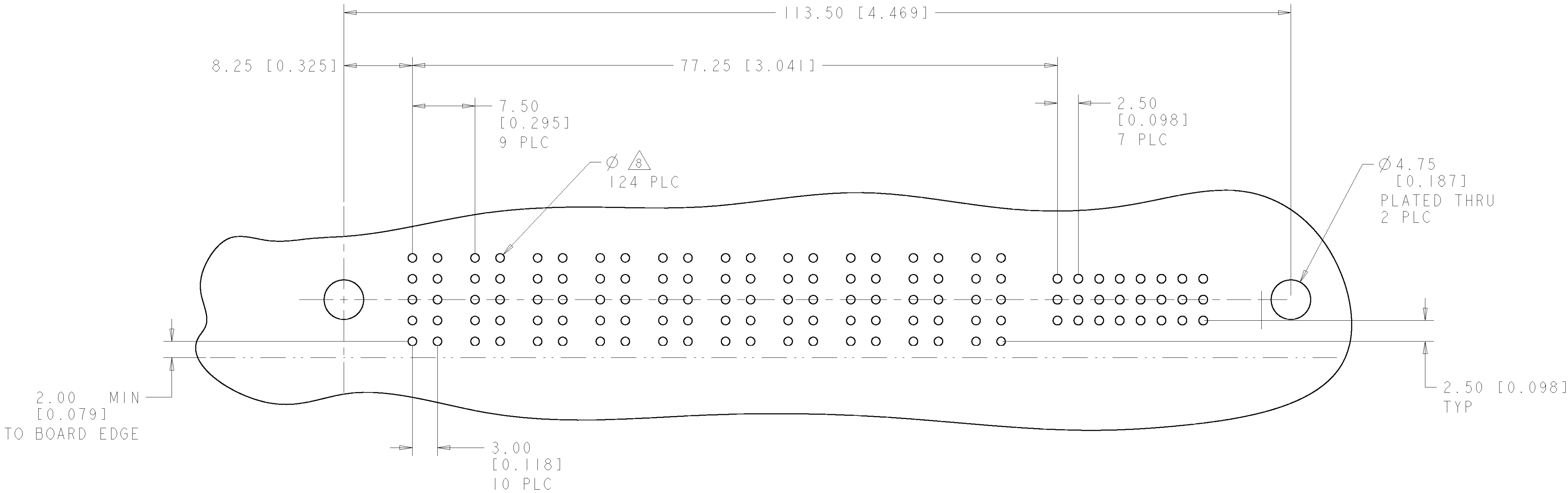
ELCON

FLATPAQ

AMP 4805 REV 31MAR2006

AS SHOWN		6646655-2	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC ±.3 [0.013]		1 PLC ±0.15 [0.005]	
2 PLC ±0.00		3 PLC ±0.000	
4 PLC ±0.000		5 ±.5	
MATERIAL		FINISH	
2		3	
DWN R. GRZYBOWSKI 29AUG06		CHK S. FLICKINGER 29AUG06	
APVD S. FLICKINGER 29AUG06		PRODUCT SPEC	
APPLICATION SPEC		WEIGHT	
CUSTOMER DRAWING		SCALE 2:1	
SHEET 1 OF 3		REV A	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

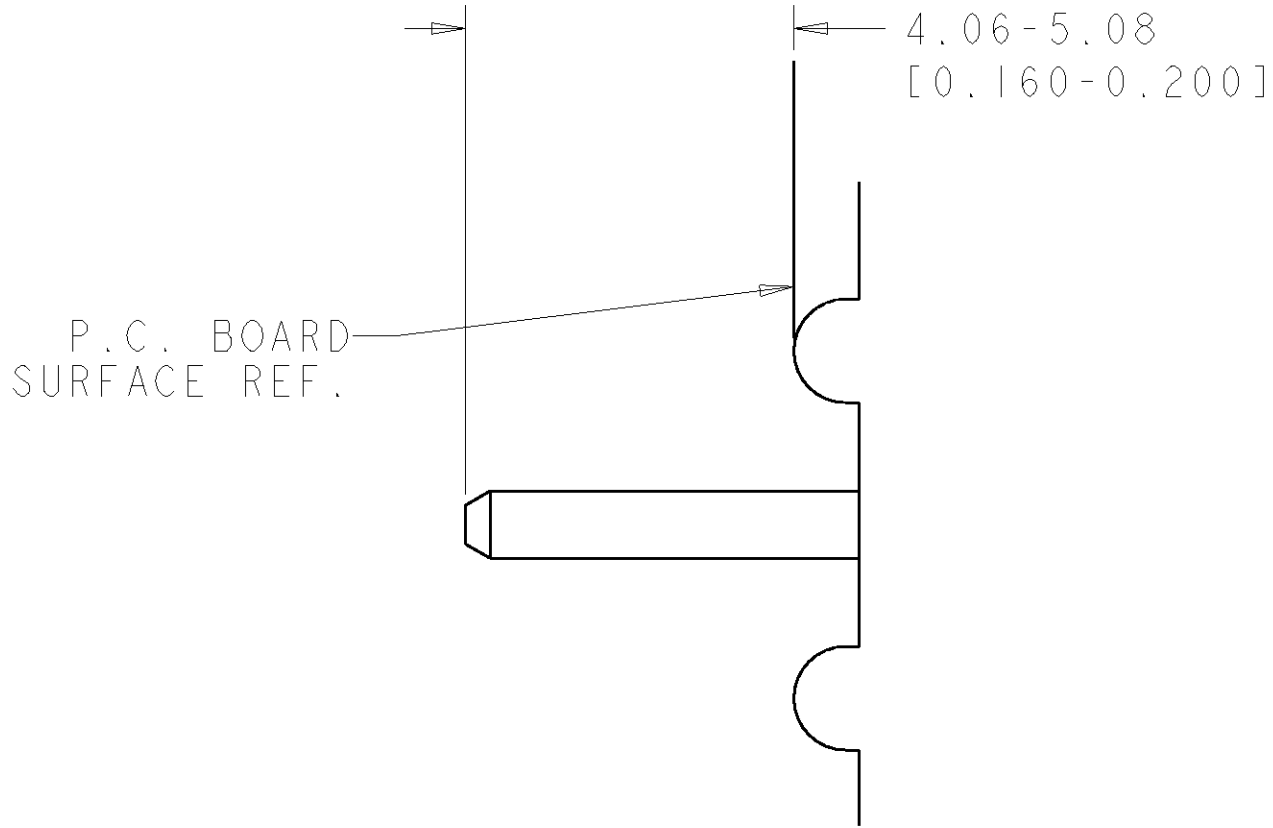
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI01	10	8	10	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP300	1	22	24	.64 [.025] SQ.	3 AMPS	2.50 [.0984]	125 VOLTS
	FP517	2	ACTIVATED STRAIGHT GUIDE PIN					

ELCON

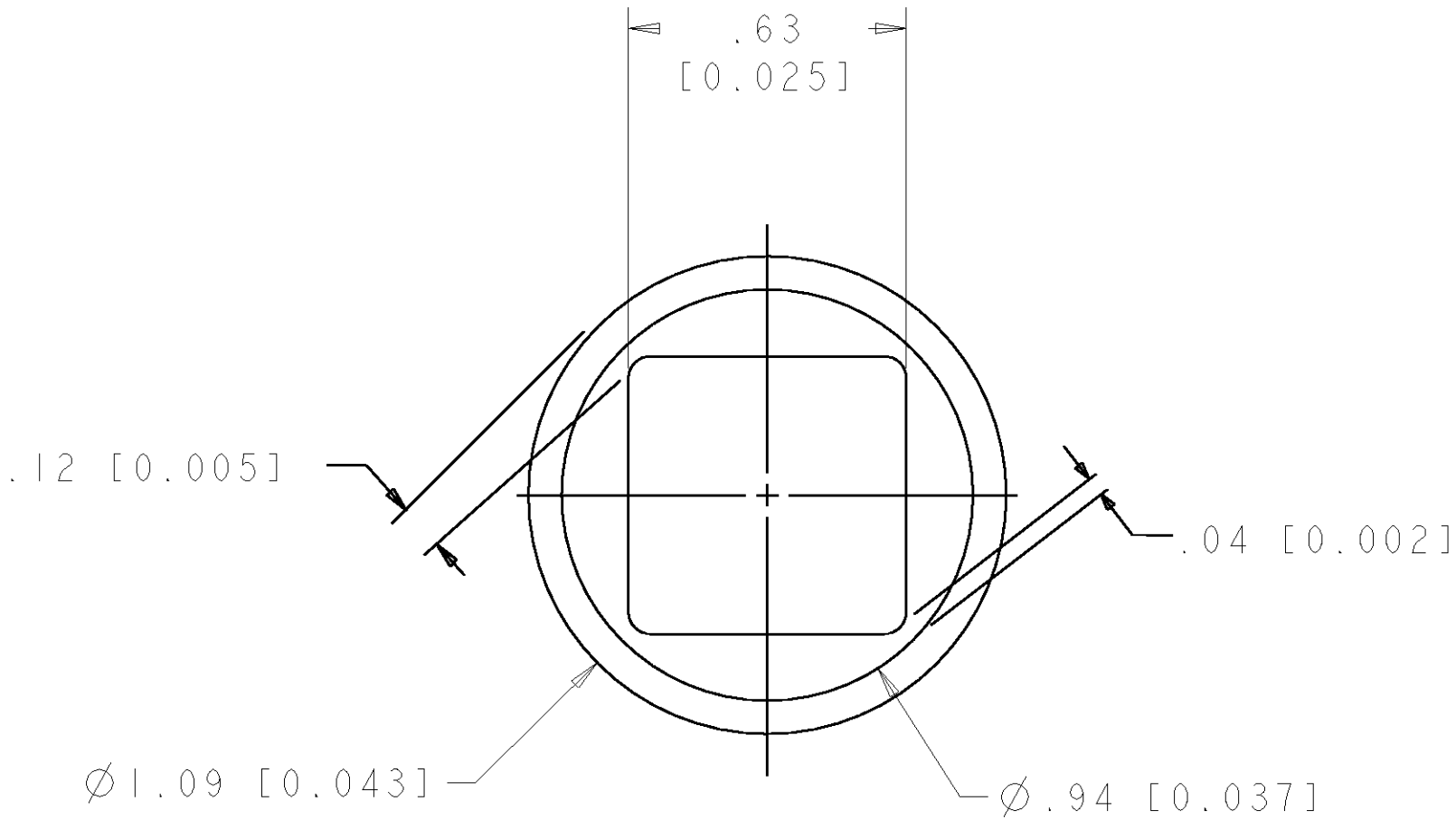
FLATPAQ

DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R.GRZYBOWSKI CHK S.FLICKINGER APVD S.FLICKINGER		29AUG06 29AUG06 29AUG06		tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
9 PLC 1 PLC 3 PLC 4 PLC ANGLES		± ±0.3 [0.01] ±0.15 [0.005] ±0.000 ±.5		PRODUCT SPEC APPLICATION SPEC		NAME		STRAIGHT PIN CONNECTOR, SOLDER TAILS FLATPAQ		SIZE	
MATERIAL		FINISH		WEIGHT		A100779		CAGE CODE		DRAWING NO	
-		-		-		CUSTOMER DRAWING		SCALE		2:1	
										SHEET	
										2	
										OF	
										3	
										REV	
										A	

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



7. SOLDER PIN DETAIL
SCALE 10 : 1



SOLDER TERMINATION 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)

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		CHK	29AUG06		
		APVD	29AUG06		
		PRODUCT SPEC			
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STRAIGHT PIN CONNECTOR, SOLDER TAILS FLATPAQ	
		0 PLC	±		
		1 PLC	±0.3 [0.01]		
		2 PLC	±0.15 [0.005]		
		3 PLC	±0.000		
		4 PLC	±0.0000		
		ANGLES	-		
		FINISH	-		
MATERIAL -		WEIGHT -		SIZE A100779C=6646655	
-		CUSTOMER DRAWING			
		SCALE 2:1		SHEET 3 OF 3	
				REV A	