

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		30NOV2006	RG	SF	

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

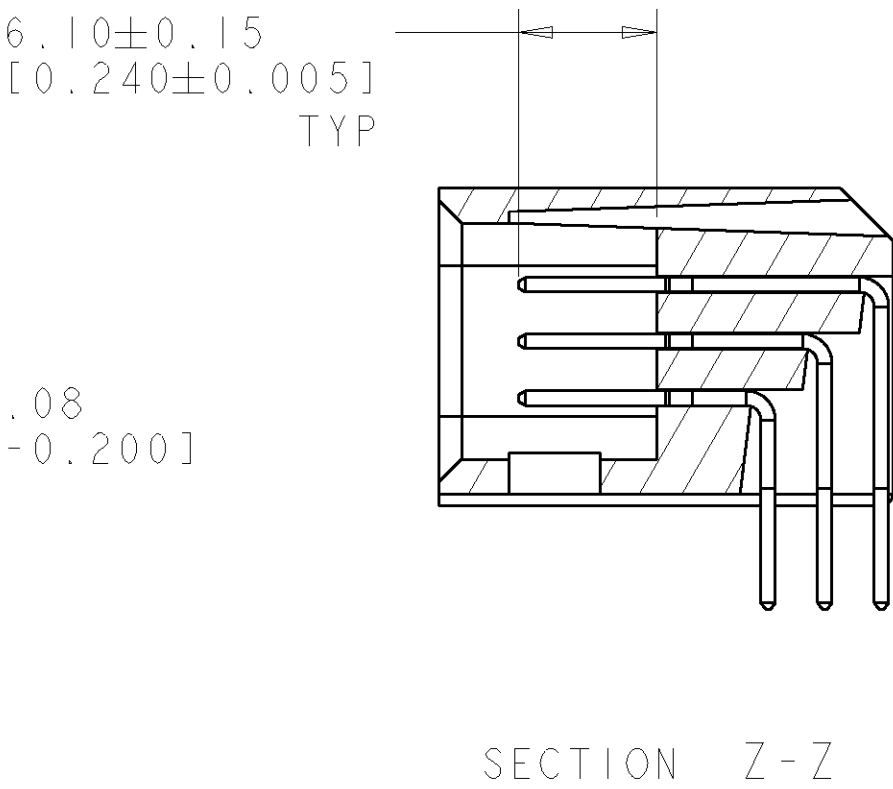
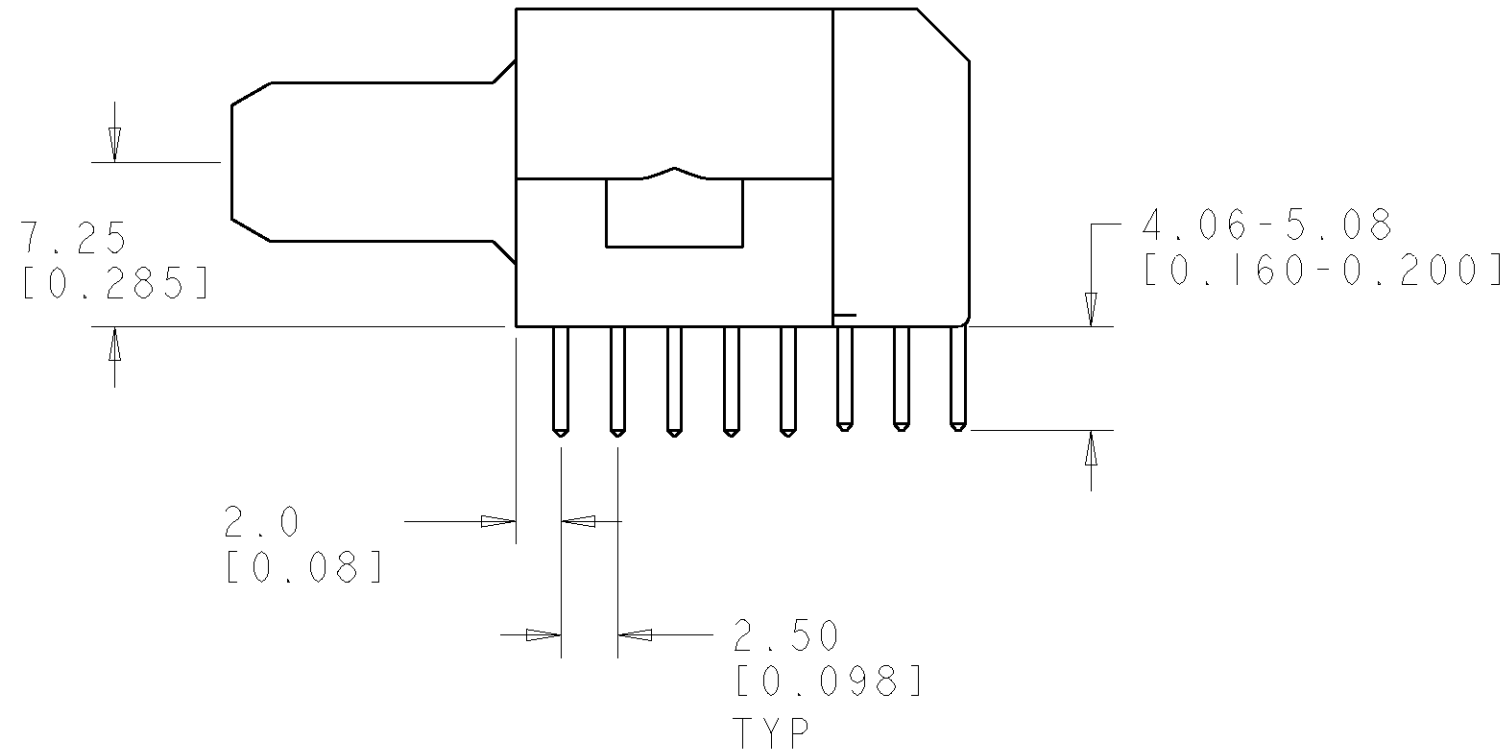
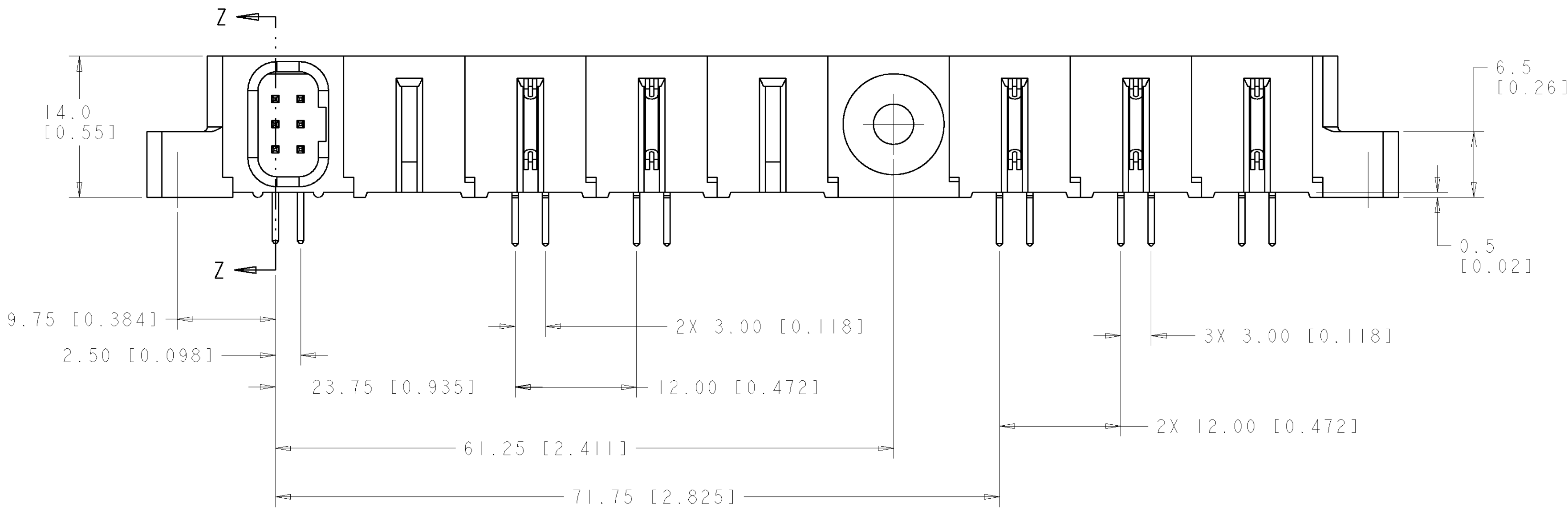
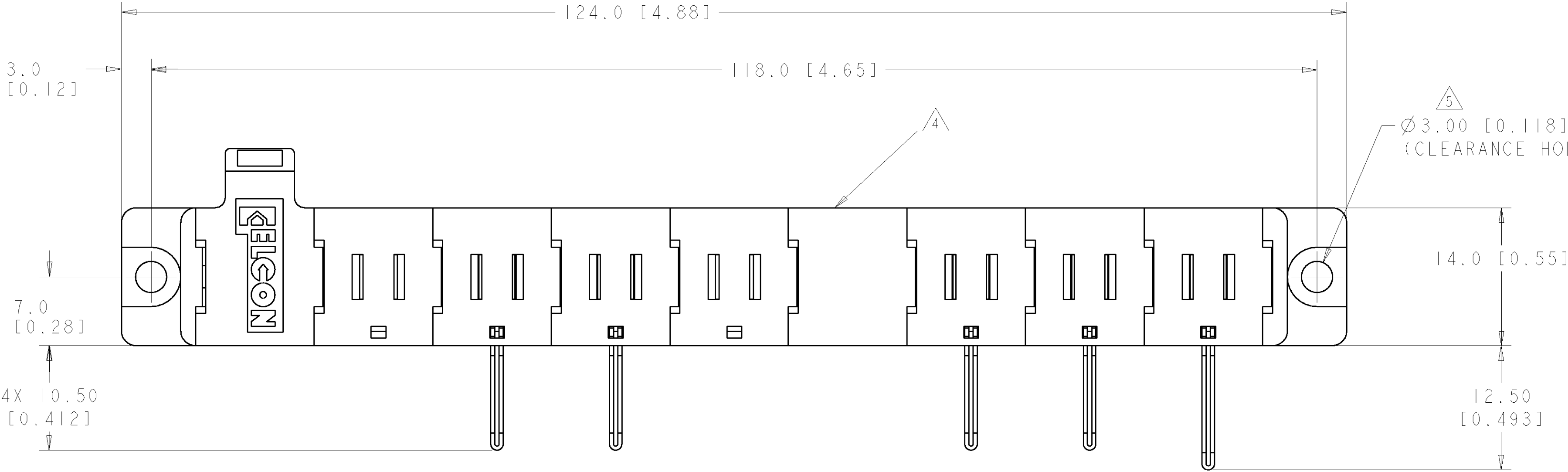
2. MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY
CROWN BANDS: BERYLLIUM COPPER

3. FINISH:
CONTACTS - GOLD PLATE .000030" MIN. THK. OVER NICKEL
.000050" MIN. THK. SOLDER TAILS,
TIN .000100" MIN. THK OVER
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

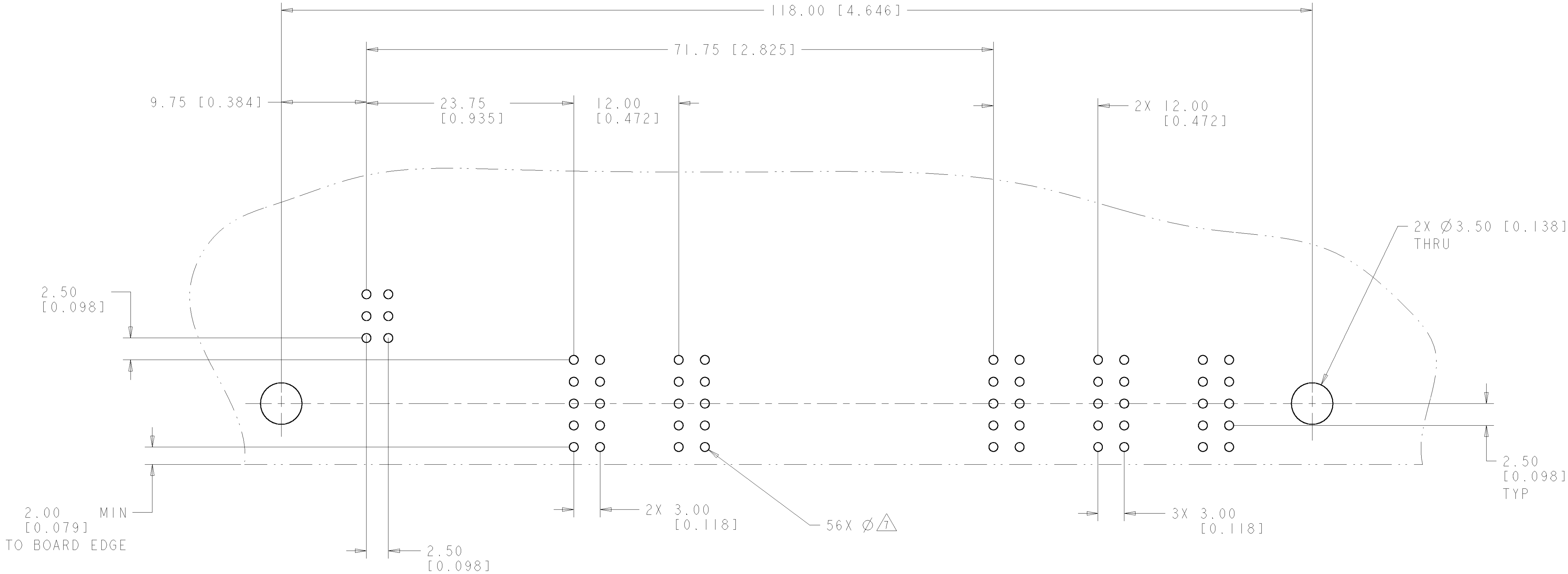
5 MOUNTING FLANGES ACCEPT M3 OR NO.4 SCREWS, (USER SUPPLIED)



ELCON FLATPAQ

AS SHOWN		6646721-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
9 PLC ±.5 [1.020]		1 PLC ±.25 [1.010]	
2 PLC ±.25 [1.010]		3 PLC ±.25 [1.010]	
4 PLC ±.25 [1.010]		5 PLC ±.25 [1.010]	
MATERIAL		FINISH	
-		-	
DWN R. GRZYBOWSKI 28NOV06		CHK S. FLICKINGER 28NOV06	
APVD S. FLICKINGER 28NOV06		PRODUCT SPEC	
APPLICATION SPEC		WEIGHT	
CUSTOMER DRAWING		SCALE 3:1	
SHEET 1 OF 3		REV A	

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



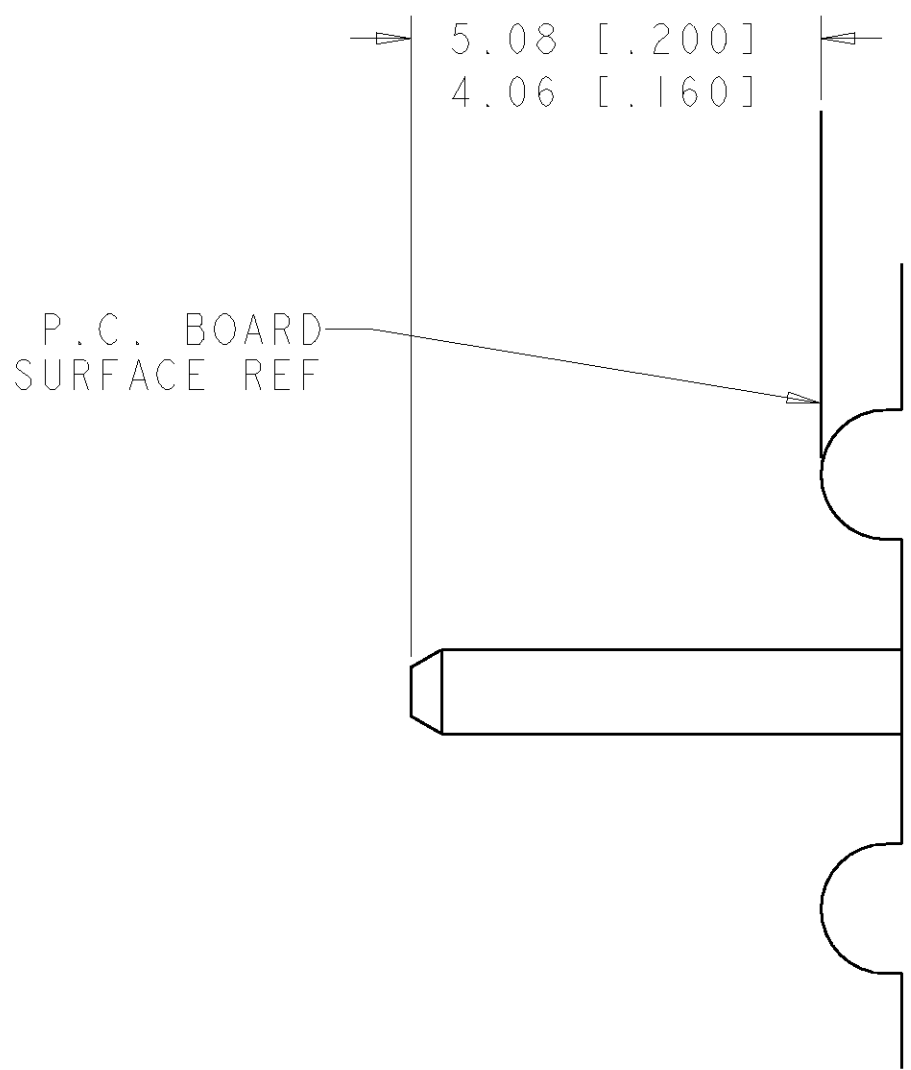
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI21	4	8	4	1.25 X 7.00 [0.049 X 0.276]	35 amps	12.00 [0.472]	600
	FPI20	2	-	-	BLANK MODULE			
	FPI22	1	8	1	1.25 X 7.00 [0.049 X 0.276]	35 amps	12.00 [0.472]	600
	FP314	1	22	6	.64 SO. [0.025]	3 amps	2.50 [0.0984]	125
	FP0506	1	RIGHT ANGLE GUIDE SOCKET					
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

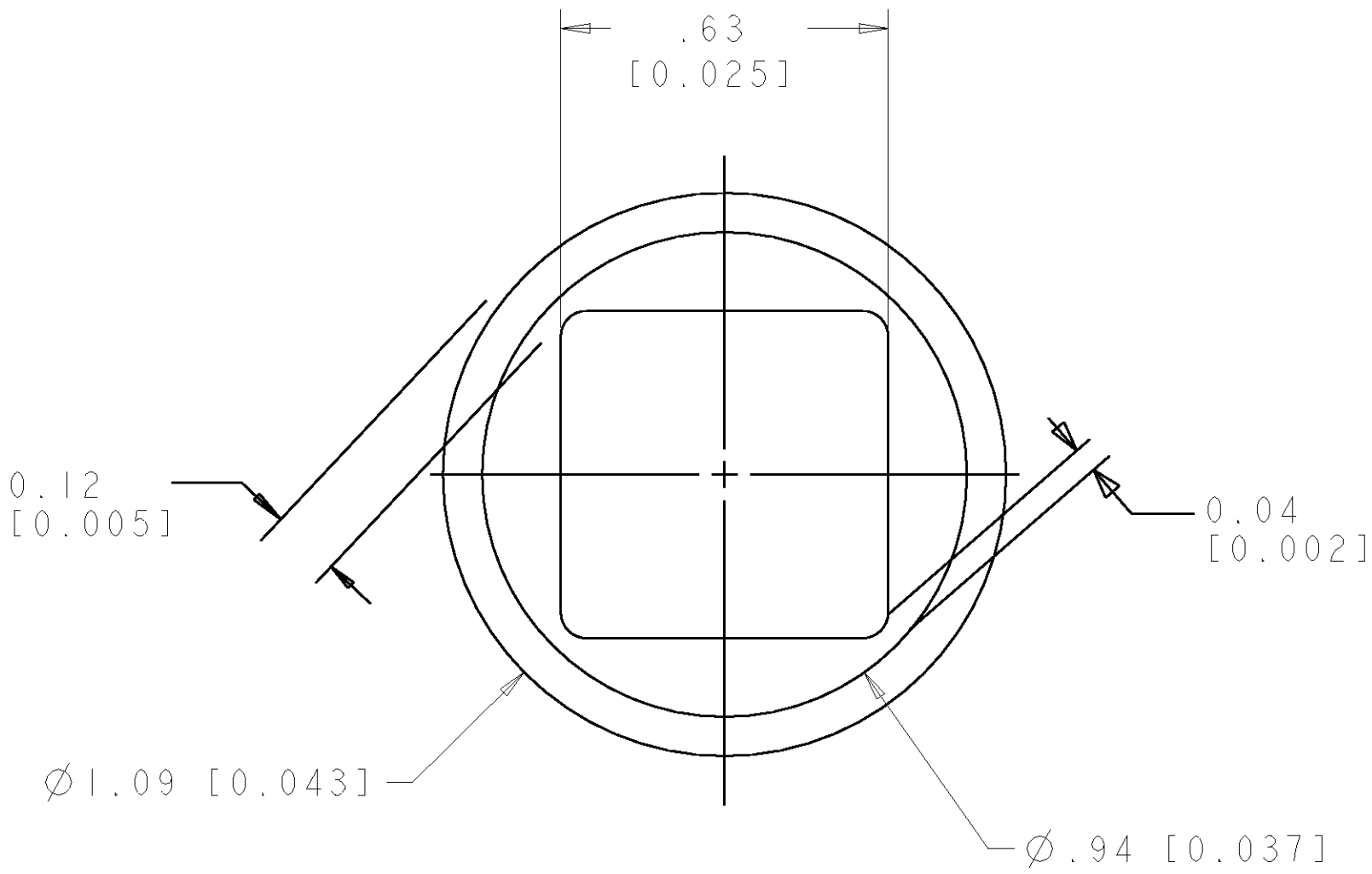
ELCON FLATPAQ

DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 28NOV06		EHR S. FLICKINGER 28NOV06		APVD S. FLICKINGER 28NOV06		NAME		tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
9 PLC ± .		1 PLC ± .5 [0.020]		2 PLC ± .25 [0.010]		3 PLC ± .		4 PLC ± .		ANGLES		FINISH	
MATERIAL		-		-		-		-		WEIGHT		-	
CUSTOMER DRAWING		SCALE 3:1		SHEET 2 OF 3		REV A		RESTRICTED TO		-		-	

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



6. SOLDER TAIL DETAIL
SCALE 10 : 1



SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
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)

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		CHK S.FLICKINGER	28NOV06				
		APVD S.FLICKINGER	28NOV06				
		PRODUCT SPEC					
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RIGHT ANGLE PIN CONNECTOR SOLDER TAILS AND LAYOUT			
		0 PLC	±				
		1 PLC	±.5 [.020]				
		2 PLC	±.25 [.010]				
		3 PLC	±				
		4 PLC	±				
		ANGLES				± 5	
		FINISH				-	
						-	
MATERIAL -		WEIGHT -		RESTRICTED TO -			
CUSTOMER DRAWING				SIZE A	CAGE CODE 00779		
				DRAWING NO C=6646721			
				SCALE 3:1	SHEET 3		
				OF 3	REV A		

Mouser Electronics

Authorized Distributor

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[6646721-1](#)