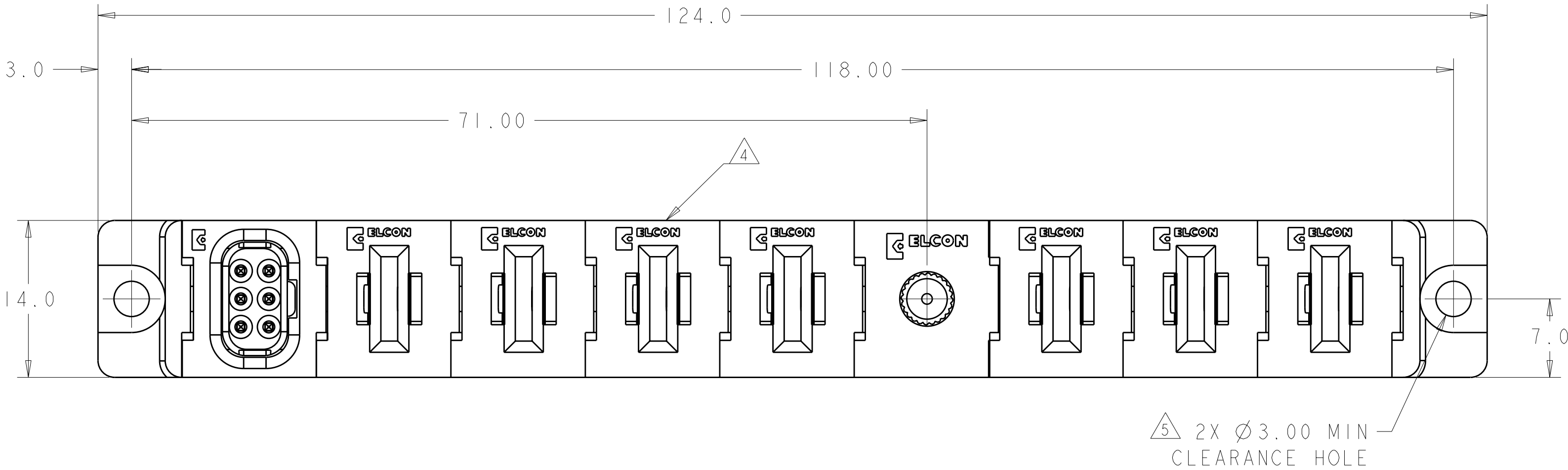


LOC		DIST		REVISIONS						
GP	00	P	LTR	DESCRIPTION				DATE	DWN	APVD
		A	NEW RELEASE				11APR2008	RG	PD	
		B	REV PER ECO-11-020831				15SEP2011	RG	MS	



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

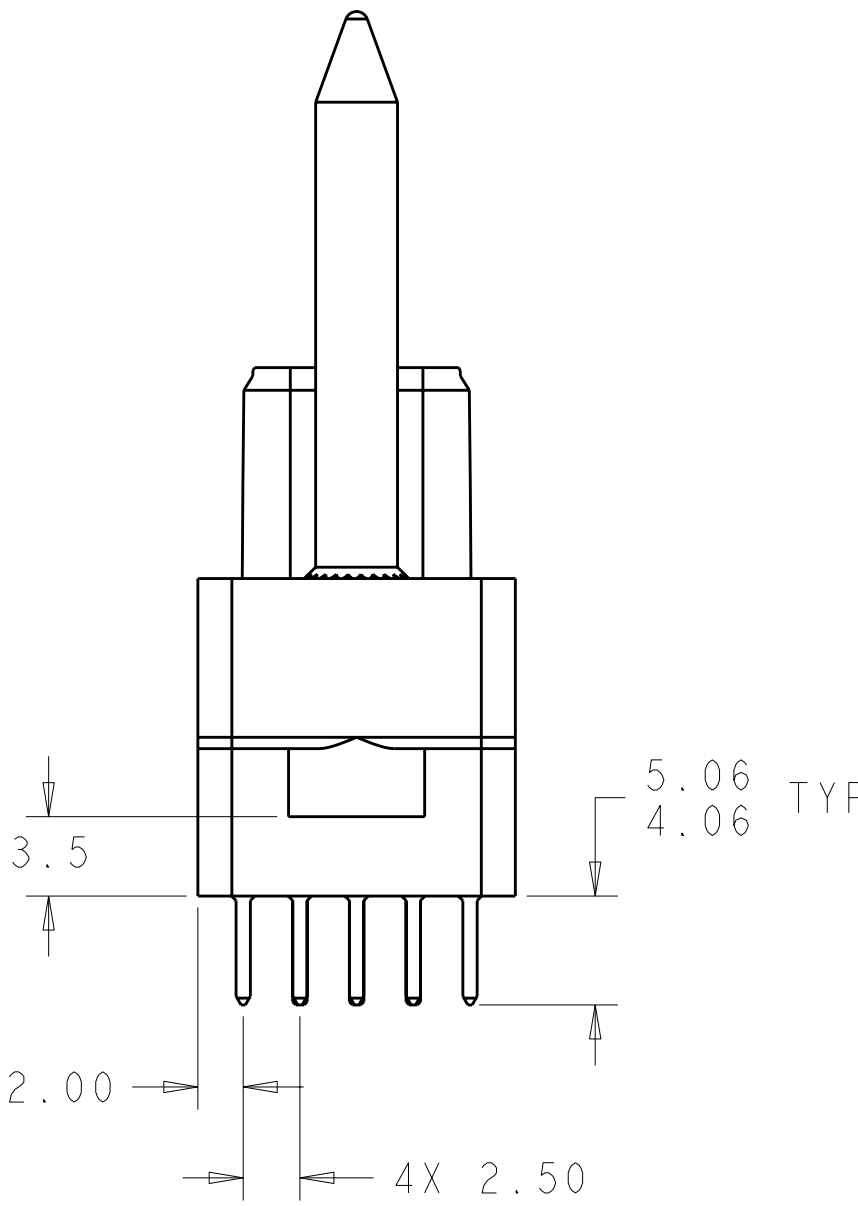
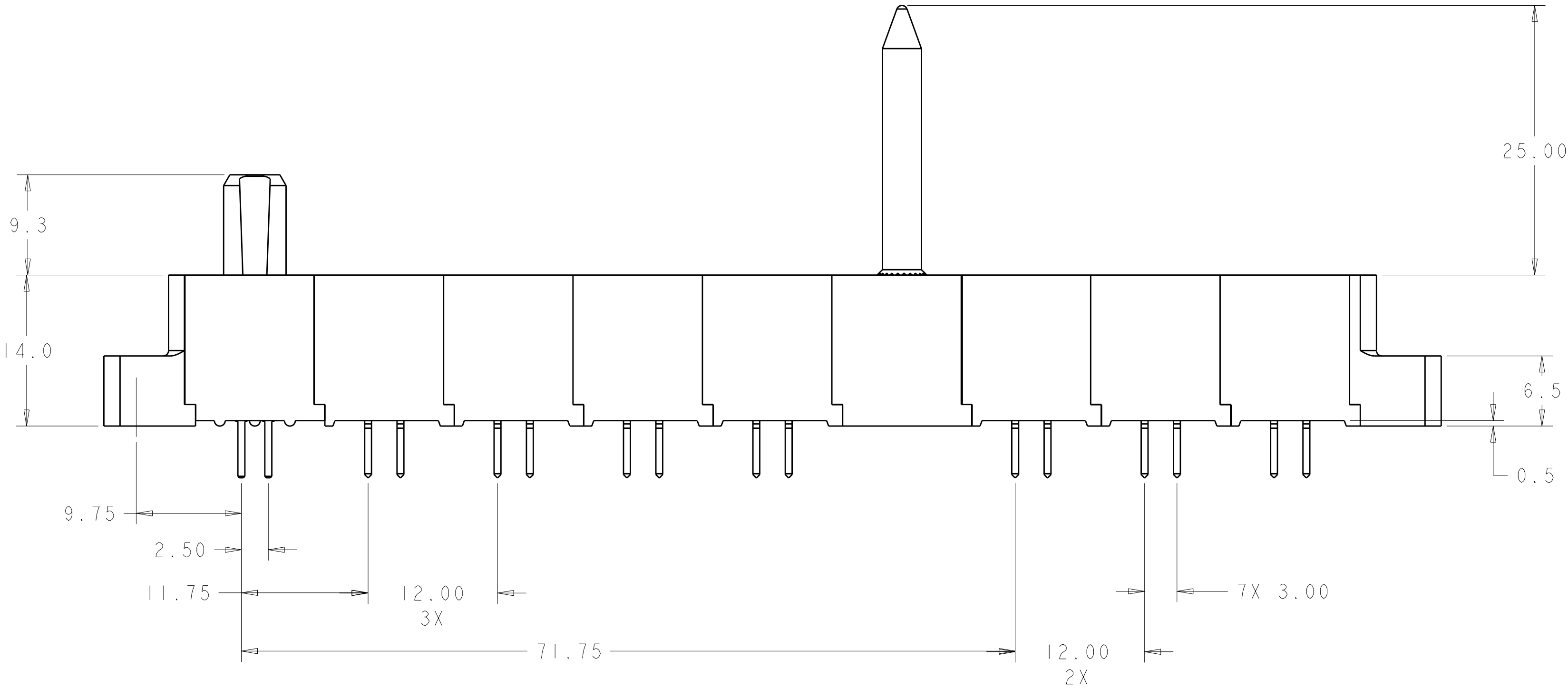
2 MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK, UL94V-0 FLAMMABILITY RATED. POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY CROWN BANDS - BERYLLIUM COPPER ALLOY SIGNAL CONTACTS - BRASS ALLOY GUIDE PIN - COPPER ALLOY

3 FINISH: CONTACTS - GOLD PLATE 0.76µm MIN. THK. OVER NICKEL 1.27µm MIN. THK SOLDER TAILS TIN 3.05µm MIN. THK. OVER NICKEL 1.27µm MIN THK.

4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL YEAR 11 WEEK

TYCO ELECTRONICS P/N DATE CODE (e.g. 0106) XXXXXXXX-X XXXX

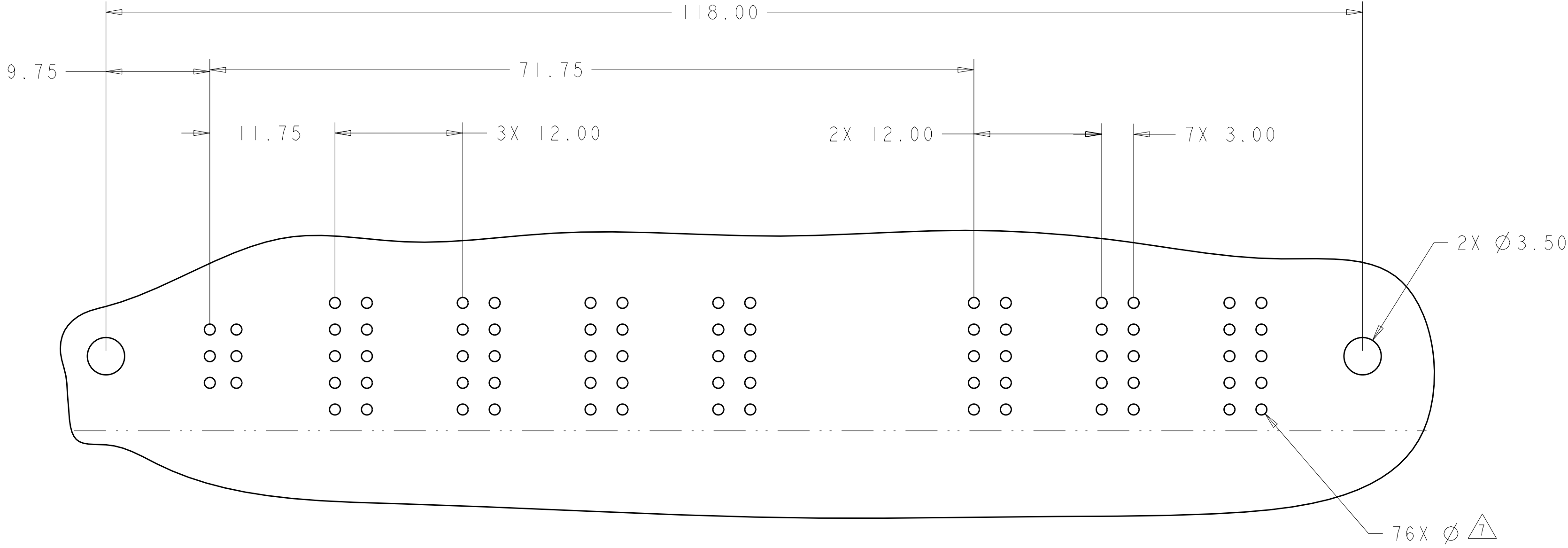
5 MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS (USER SUPPLIED)



ELCON FLATPAQ

AS SHOWN		6766411-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ±.5	
		1 PLC ±0.5	
		2 PLC ±0.25	
		3 PLC ±	
		4 PLC ±	
		ANGLES ±.5	
MATERIAL		FINISH	
- 2		- 3	
DWN R. GRZYBOWSKI 11APR2008		CHK P. DAMATO 11APR2008	
APVD S. CLICKINGER 11APR2008		NAME	
PRODUCT SPEC		APPLICATION SPEC	
WEIGHT		SIZE	
CUSTOMER DRAWING		A100779C=6766411	
SCALE 3:1		SHEET 1 OF 3	
		REV B	

LOC	DIST	REVISIONS					
GP	00	REV	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

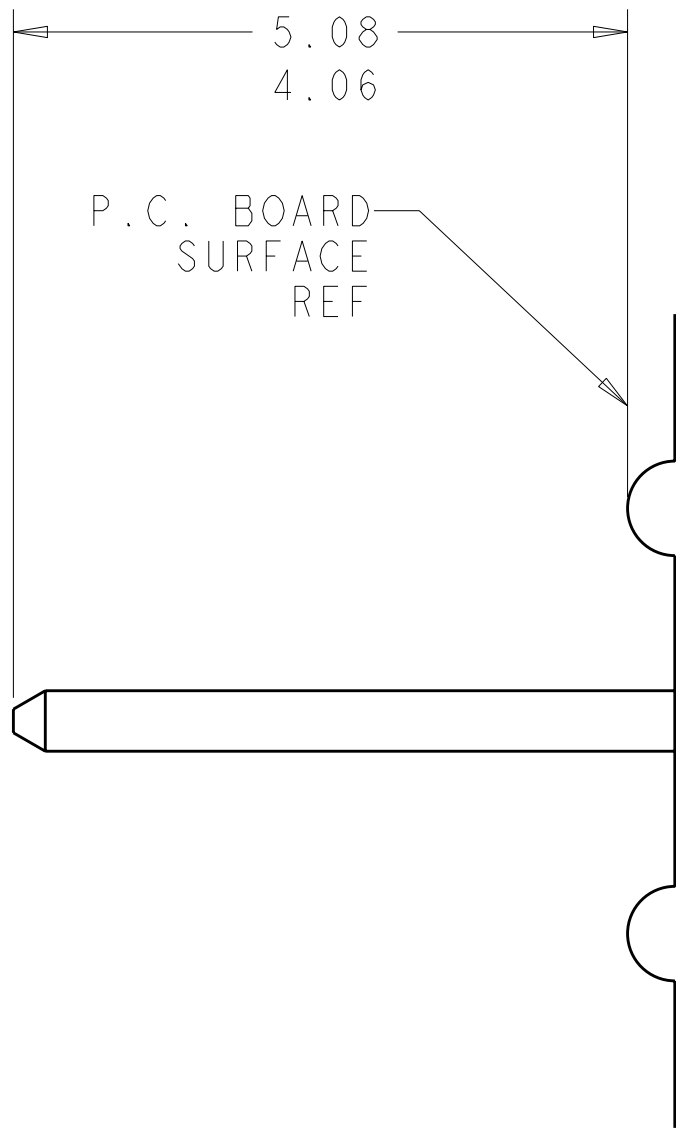


PRINTED CIRCUIT BOARD LAYOUT
COMPONENT SIDE

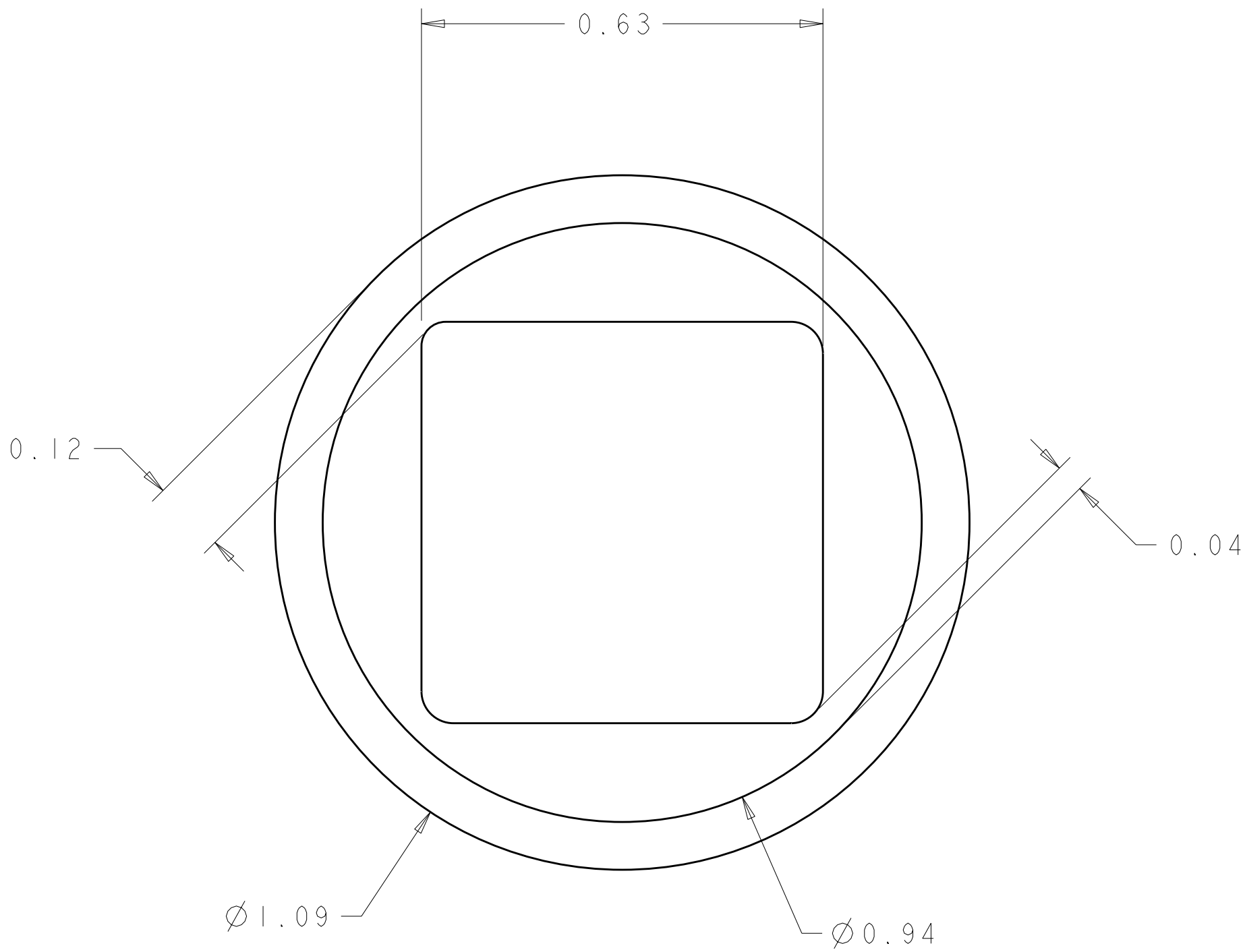
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP116	7	8	7	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [.472]	600
	FP313	1	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP503	2	STRAIGHT GUIDE PIN					

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI	11APR2008	Tyco Electronics Harrisburg, PA 17105-3608	
mm		0 PLC ±.5 1 PLC ±0.25 2 PLC ±.5 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH -		CHK P. DAMATO	11APR2008		
				APVD S. CLICKINGER	11APR2008	NAME SOCKET CONNECTOR ASSEMBLY SOLDER TAIL FLATPAQ	
MATERIAL				PRODUCT SPEC			
				APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
				WEIGHT		A100779C=6766411	
				CUSTOMER DRAWING		RESTRICTED TO	
						SCALE 3:1 SHEET 2 OF 3 REV B	

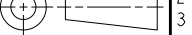
LOC	DIST	REVISIONS					
GP	00	F	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



6. SOLDER TAIL DETAIL
SCALE 10 : 1



SOLDER TERMINATION 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 (PER SURFACE)
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

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		CHK	11APR2008										
		APVD	11APR2008										
		NAME	SOCKET CONNECTOR ASSEMBLY SOLDER TAIL FLATPAQ										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO						
mm		0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±.5 FINISH		PRODUCT SPEC		A100779C=6766411							
				APPLICATION SPEC									
MATERIAL				WEIGHT									
-		-		-									
				CUSTOMER DRAWING		SCALE	3:1	SHEET	3	OF	3	REV	B

Mouser Electronics

Authorized Distributor

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