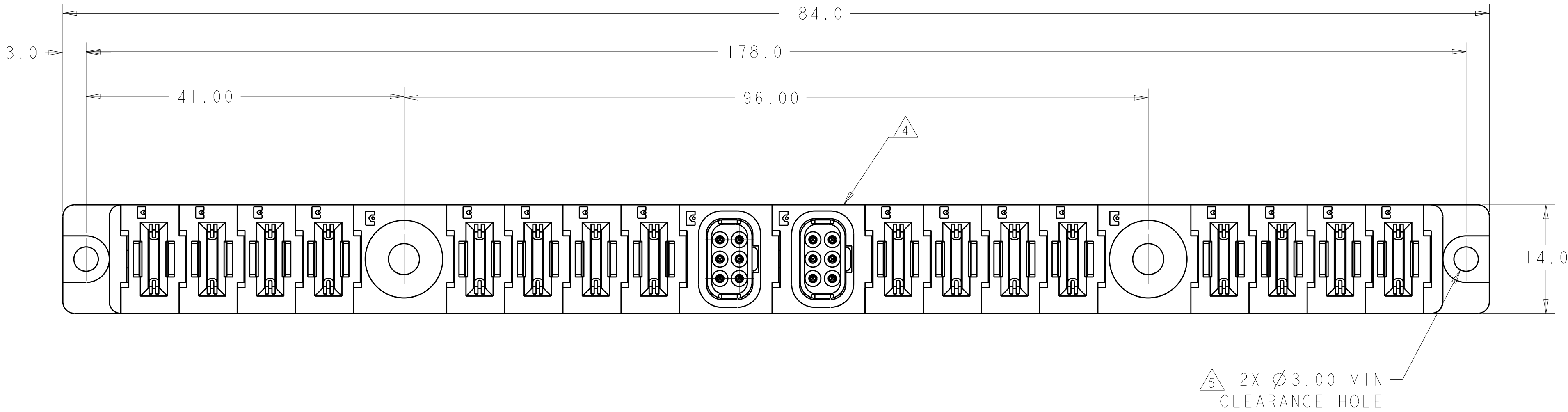


LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		A		PROPOSED DESIGN	3SEPT08	RG	MP



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

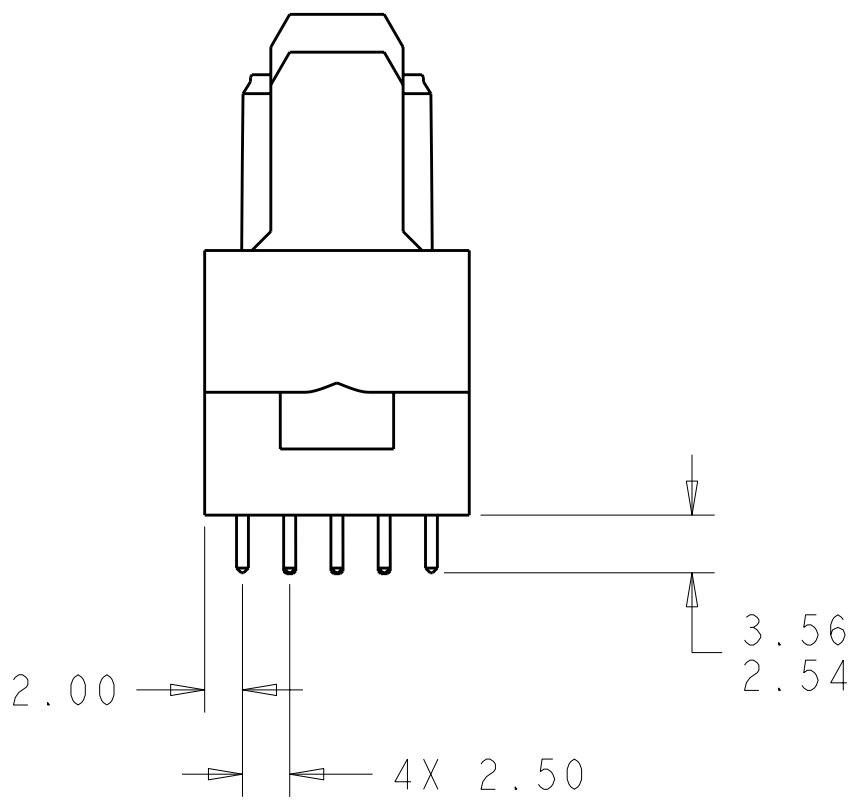
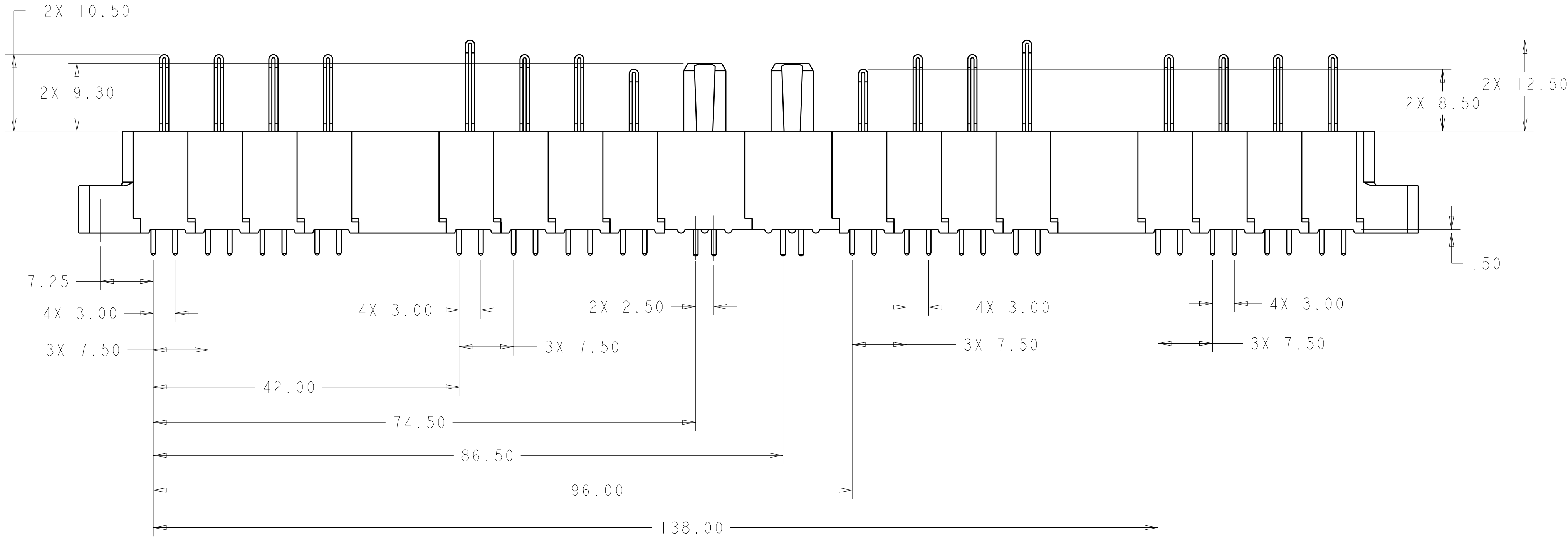
2 MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS COPPER ALLOY

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

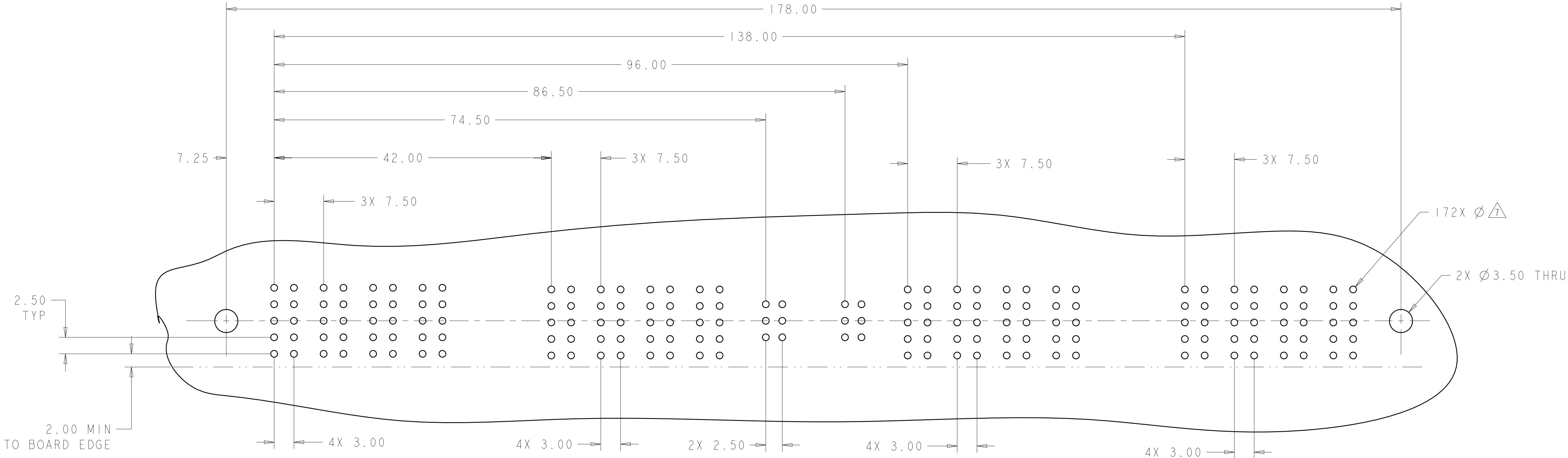
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)
XXXXXXX-X XXXX
YEAR 1 WEEK

5 MOUNTING FLANGE ACCEPTS M3 OR 4-40 SCREWS (USER SUPPLIED).



AS SHOWN		6646659-1	
DESCRIPTION		PART NUMBER	
Tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
DWN R.GRZYBOWSKI 3SEPT08		NAME	
CHK M.PERCHERKE 3SEPT08		SOCKET CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAILS FLATPAQ	
APVD M.PERCHERKE 3SEPT08		SIZE CAGE CODE DRAWING NO	
PRODUCT SPEC		A100779C=6646659	
APPLICATION SPEC		RESTRICTED TO	
MATERIAL		WEIGHT	
FINISH		CUSTOMER DRAWING	
SCALE 3:1		SHEET 1 OF 3	
		REV A	

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



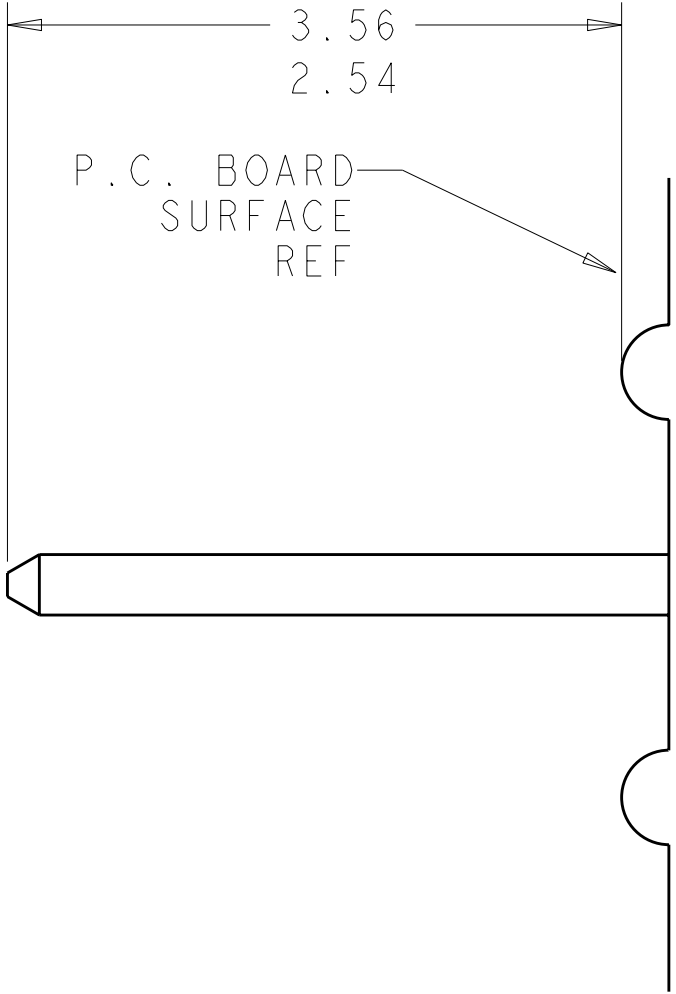
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FPI03	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI02	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI01	12	8	12	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP313	2	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP502	2	STRAIGHT GUIDE SOCKET					

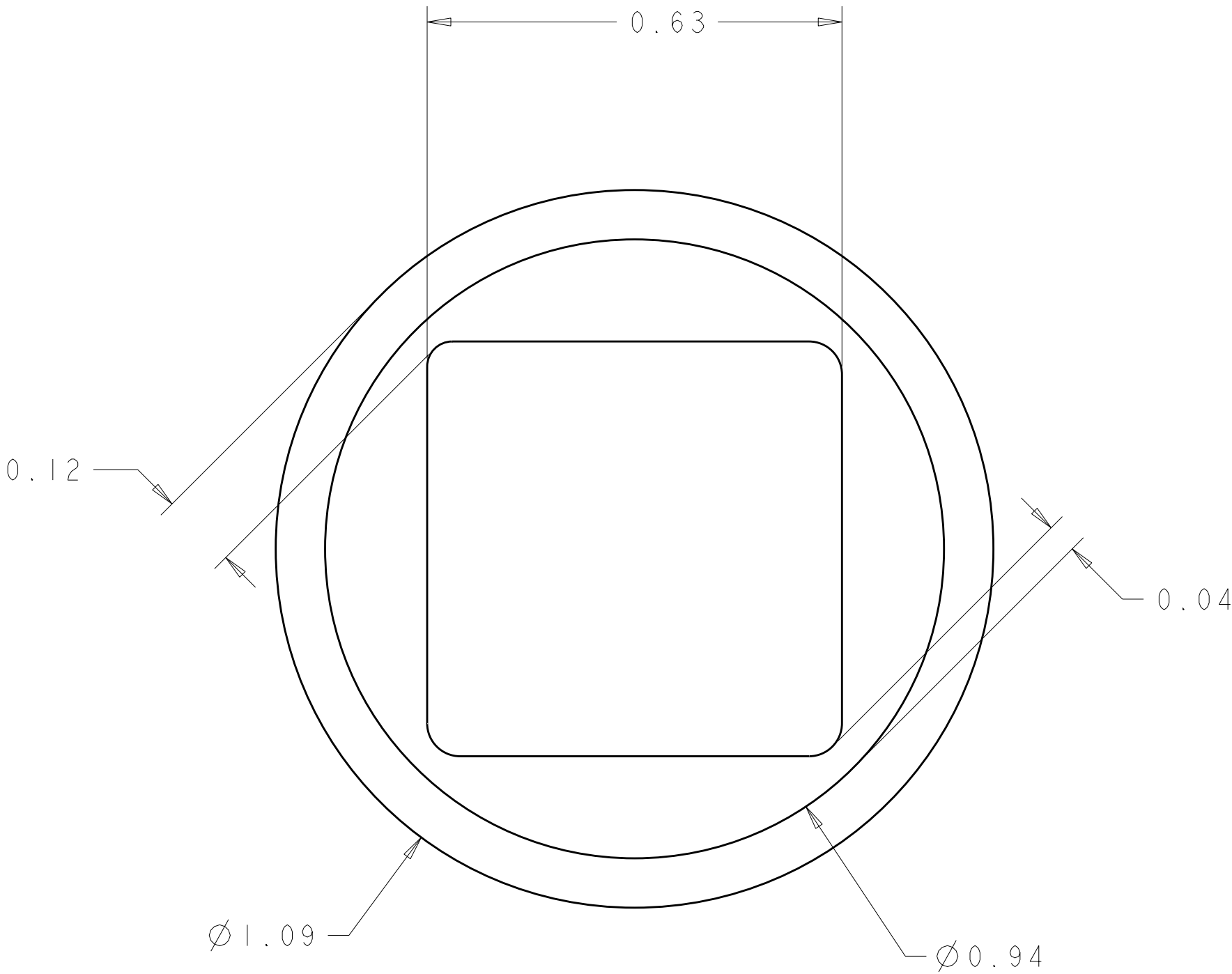
ELCON FLATPAQ

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DIMENSIONS: mm				CHK M. PERCHERKE 3SEPT08	NAME SOCKET CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAILS FLATPAQ			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH -				APVD M. PERCHERKE 3SEPT08	PRODUCT SPEC			
MATERIAL -					APPLICATION SPEC			
					WEIGHT -			
					CUSTOMER DRAWING			
					SCALE 3:1 SHEET 2 OF 3 REV A			

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



6. SOLDER PIN DETAIL
SCALE 10 : 1



7. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT 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	M. PERCHERKE	3SEPT08															
				APVD	M. PERCHERKE	3SEPT08															
				NAME		SOCKET CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAILS FLATPAQ															
DIMENSIONS:				TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO								
mm				0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5				APPLICATION SPEC		A		00779	C=6646659	-							
MATERIAL				FINISH				WEIGHT		CUSTOMER DRAWING				SCALE	3:1	SHEET	3	OF	3	REV	A

Mouser Electronics

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