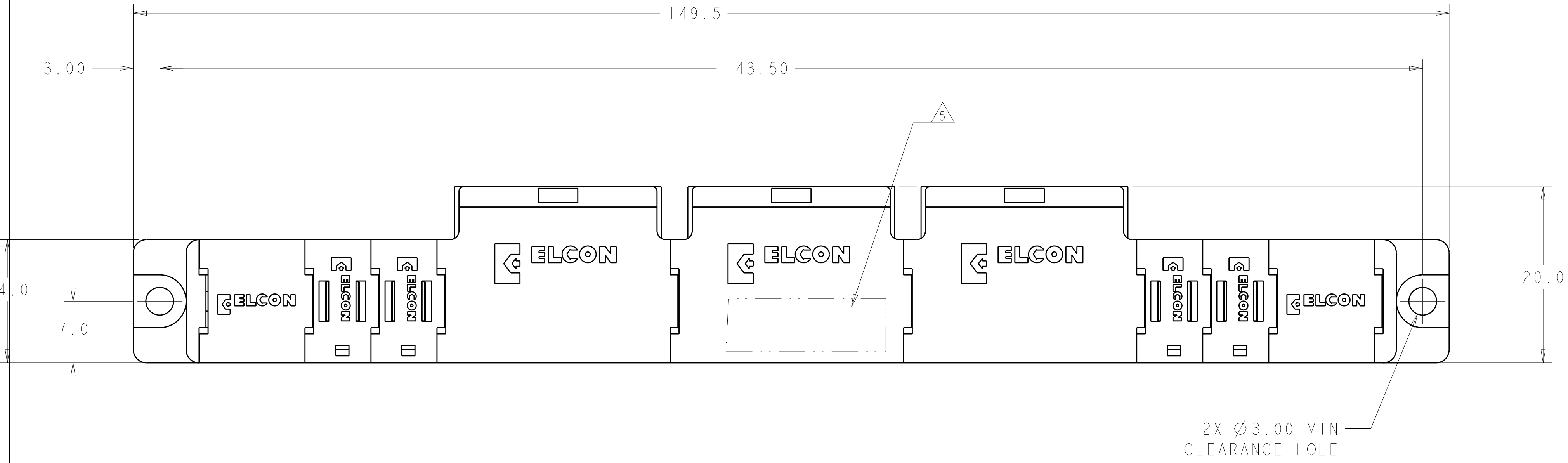


LOC		DIST		REVISONS			
F	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED PER ECO-09-019917		02SEP2009	RG	MS	

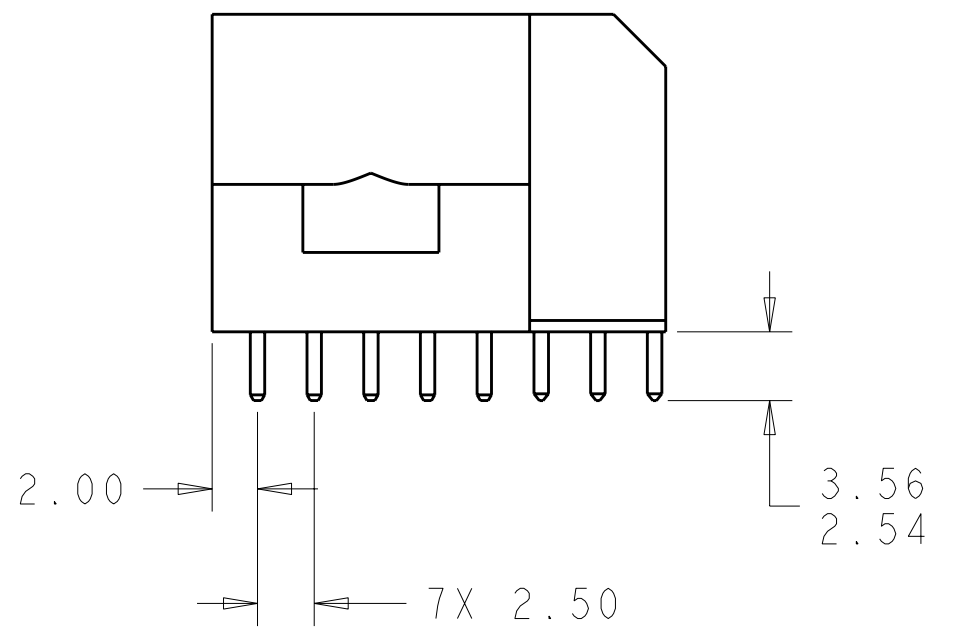
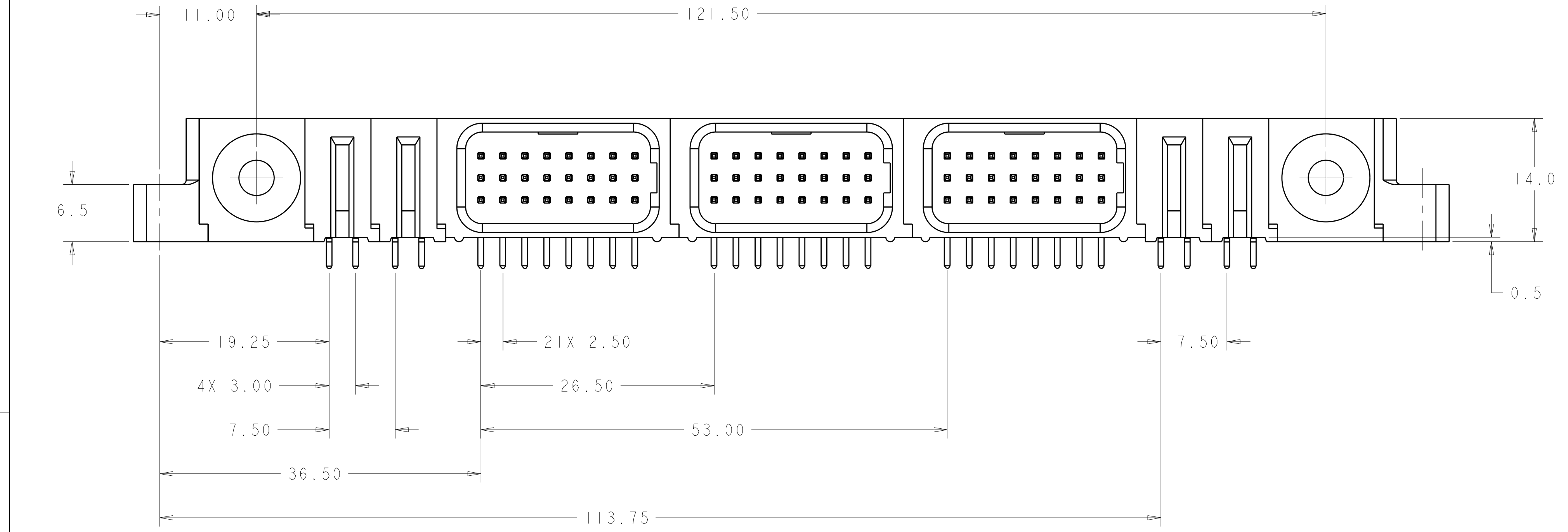


- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
- FINISH:
CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER
NICKEL 1.27µm MIN. THK
SOLDER TAILS, TIN 3.05µm MIN. THK. OVER
NICKEL 1.27µ MIN THK.

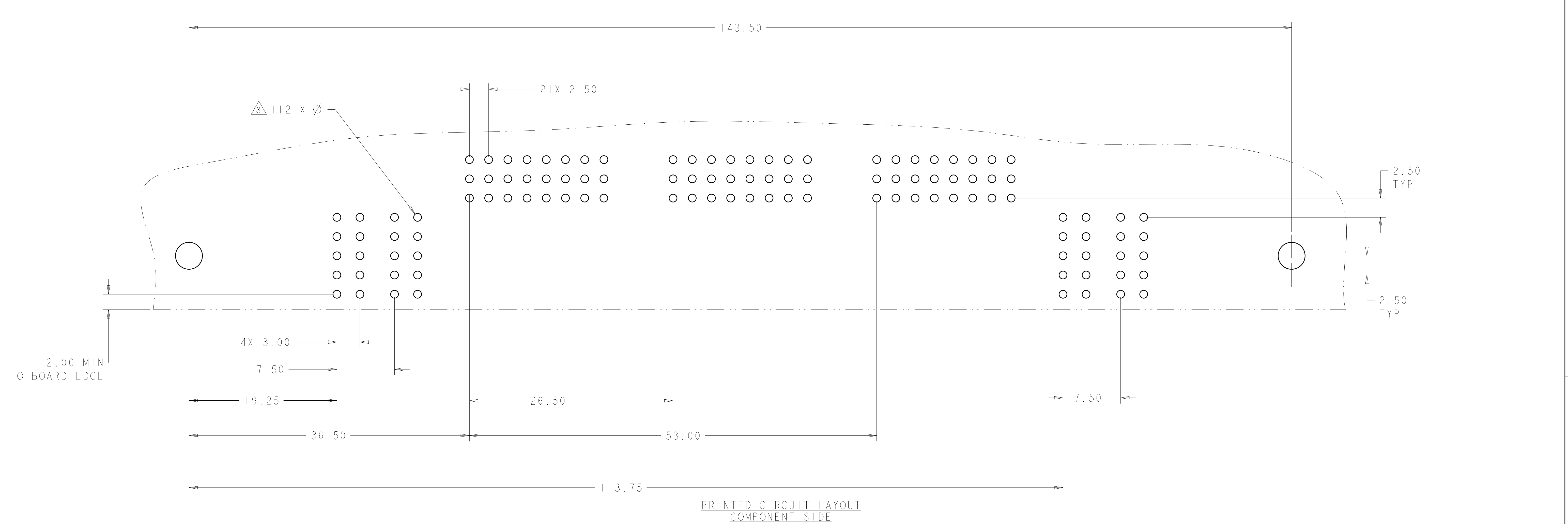
- 4 MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED)
- 5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

TYCO ELECTRONICS P/N DATE CODE YEAR 1 WEEK
XXXXXXXX-X XXXX 0106

6. CONNECTOR MATES WITH PN 2085124-1



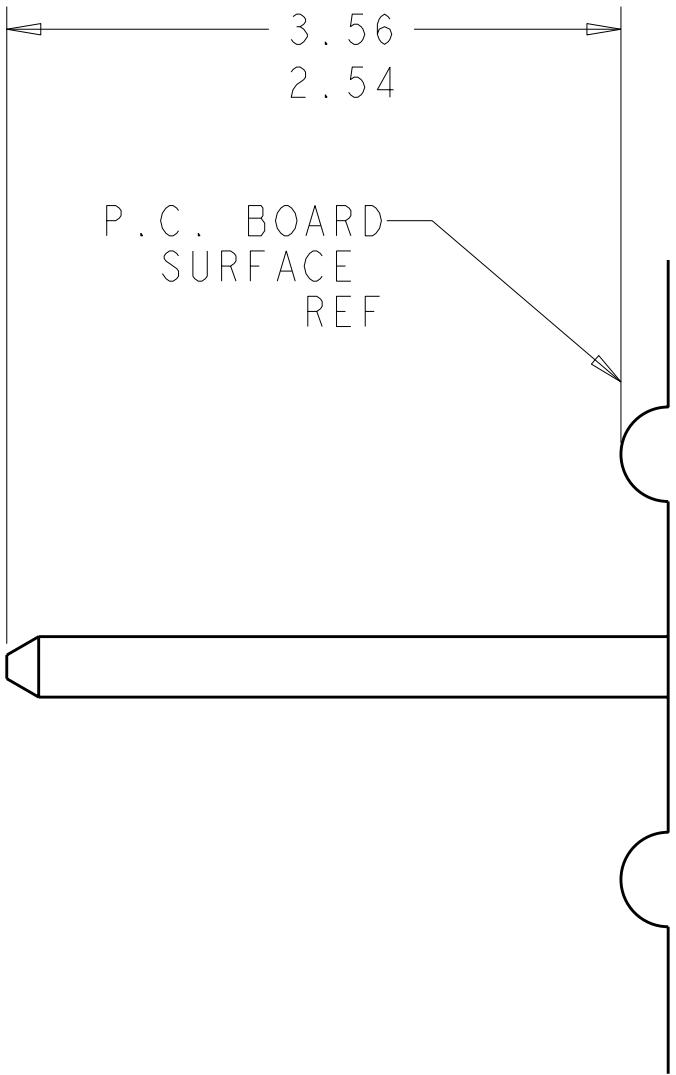
LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



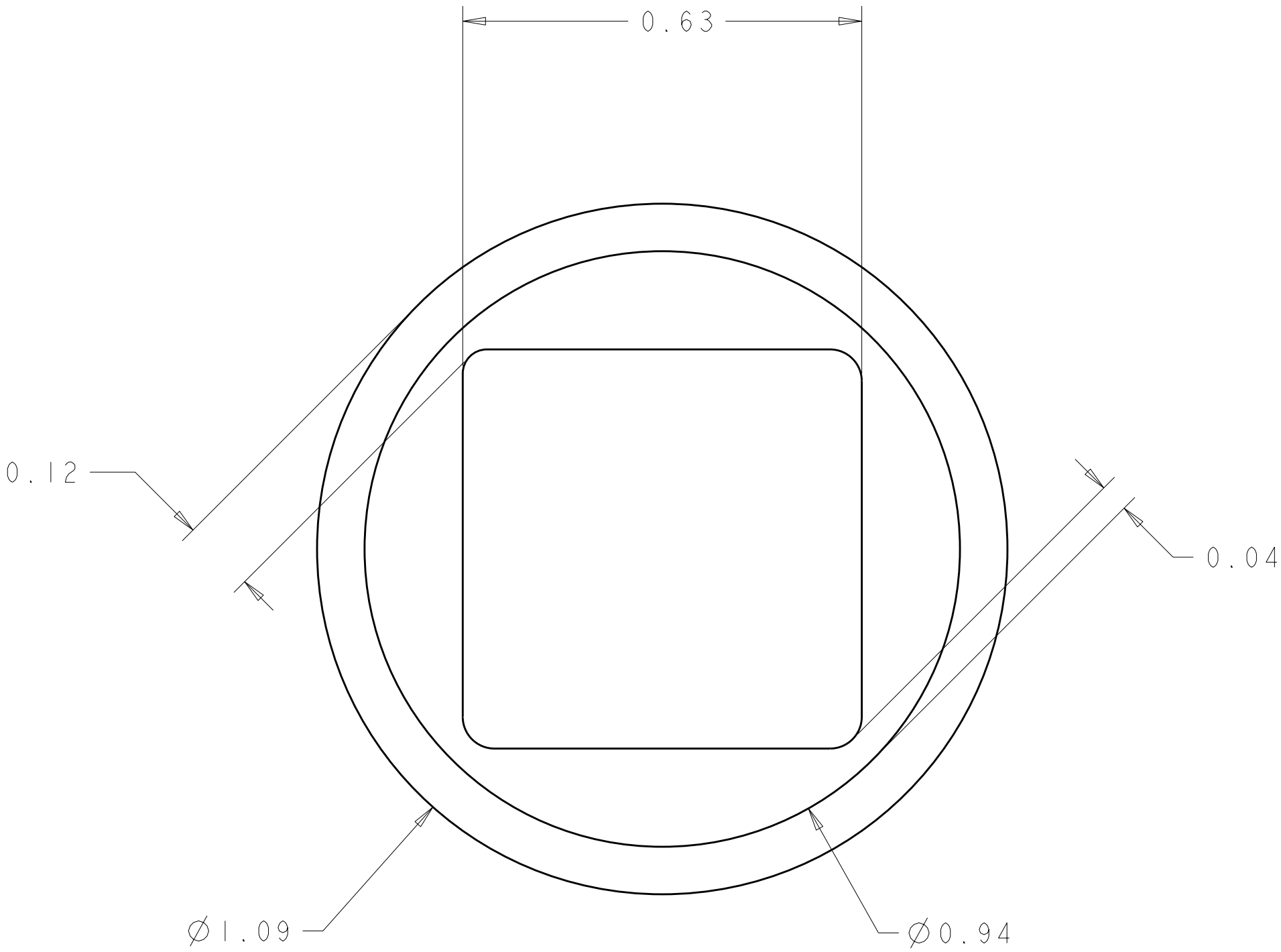
CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP104	4	4	8	1.25 X 7.00	35 amps	7.5	250
	FP302	3	72	22	.64 SQ.	3 amps	2.50	125 VOLTS
	FP506	2	-	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

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EQUIV P. DAMATO 29JAN2009				NAME P. DAMATO 29JAN2009	PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS			
DIMENSIONS: mm				PRODUCT SPEC	SIZE A100779			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH				APPLICATION SPEC	DRAWING NO C=2085123			
MATERIAL -				WEIGHT -	RESTRICTED TO -			
CUSTOMER DRAWING				SCALE 3:1		SHEET 2	OF 3	REV A

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



7. SOLDER PIN DETAIL
SCALE 10:1



8 SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN.
TIN PLATE: .008 MIN. (PER SURFACE)

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DIMENSIONS: mm 				EVR	29JAN2009	NAME					
				APVD	29JAN2009	PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS -					
				PRODUCT SPEC						SIZE	
				APPLICATION SPEC						A100779C=2085123	
MATERIAL				WEIGHT		SCALE		SHEET		REV	
-				-		3:1		3 OF 3		A	
CUSTOMER DRAWING											