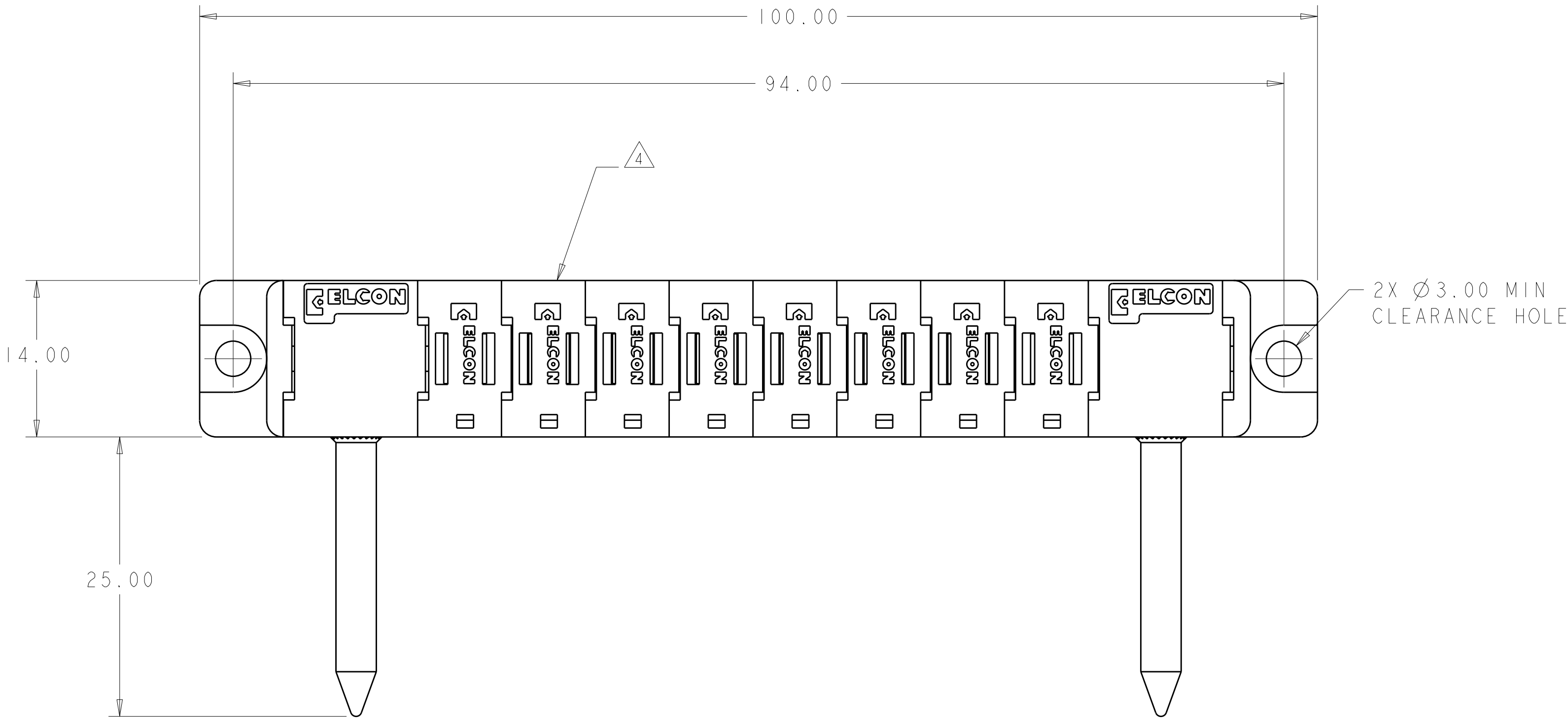


LOC		DIST		REVISIONS					
-		-		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	1	PROPOSED DESIGN	23SEP2008	CR	PD
				-	A	NEW RELEASE	02OCT2008	CR	PD



- 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
 - 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
 - 1.27µm MIN THK.

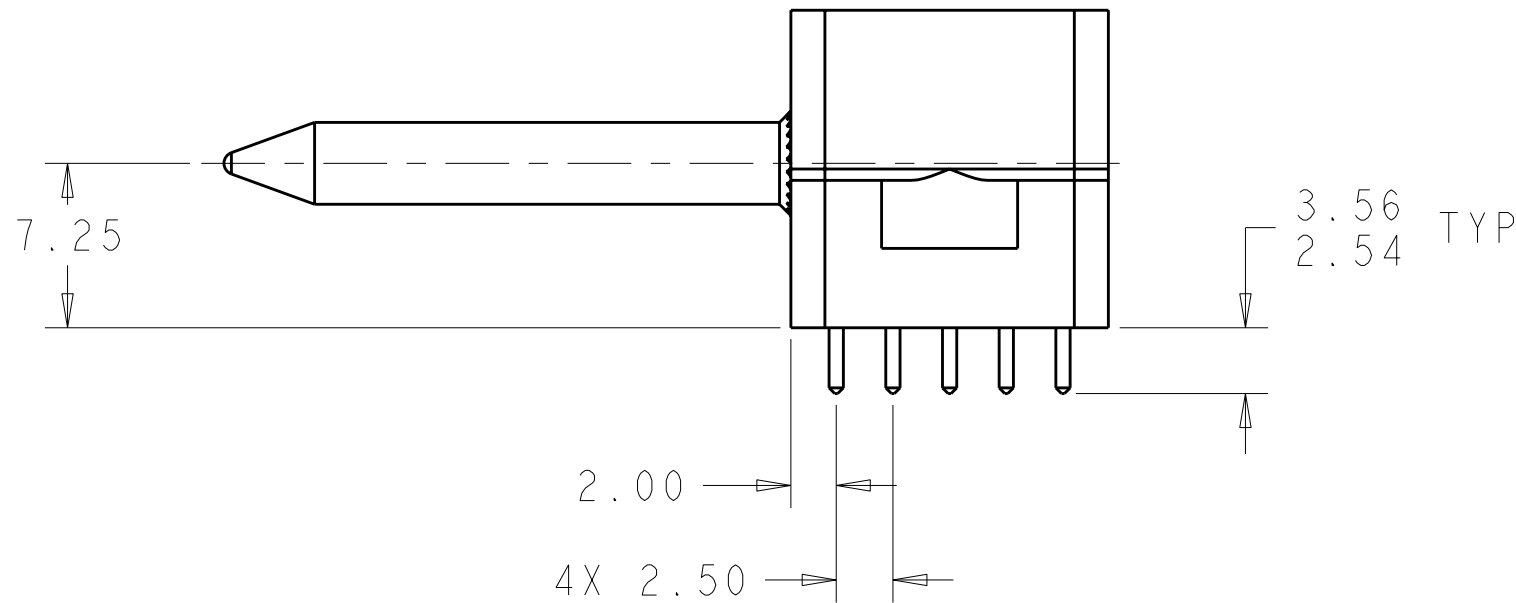
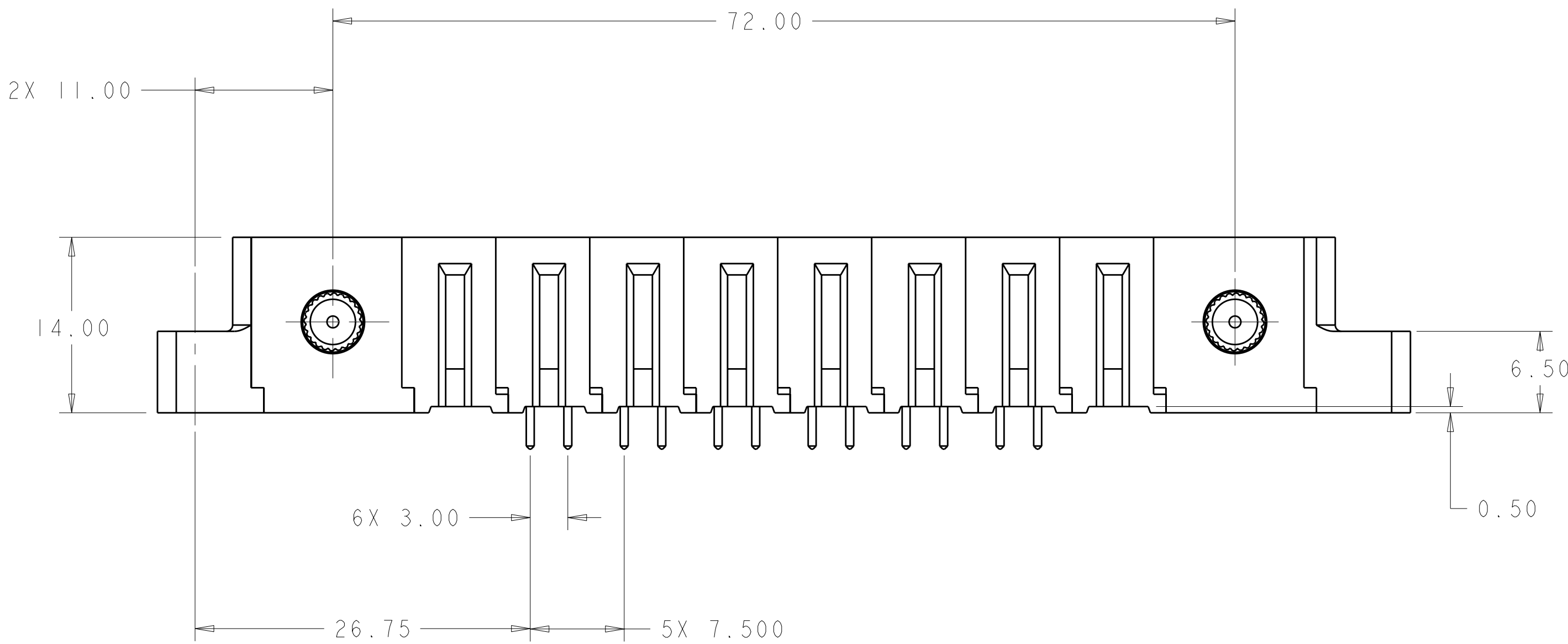
△ ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

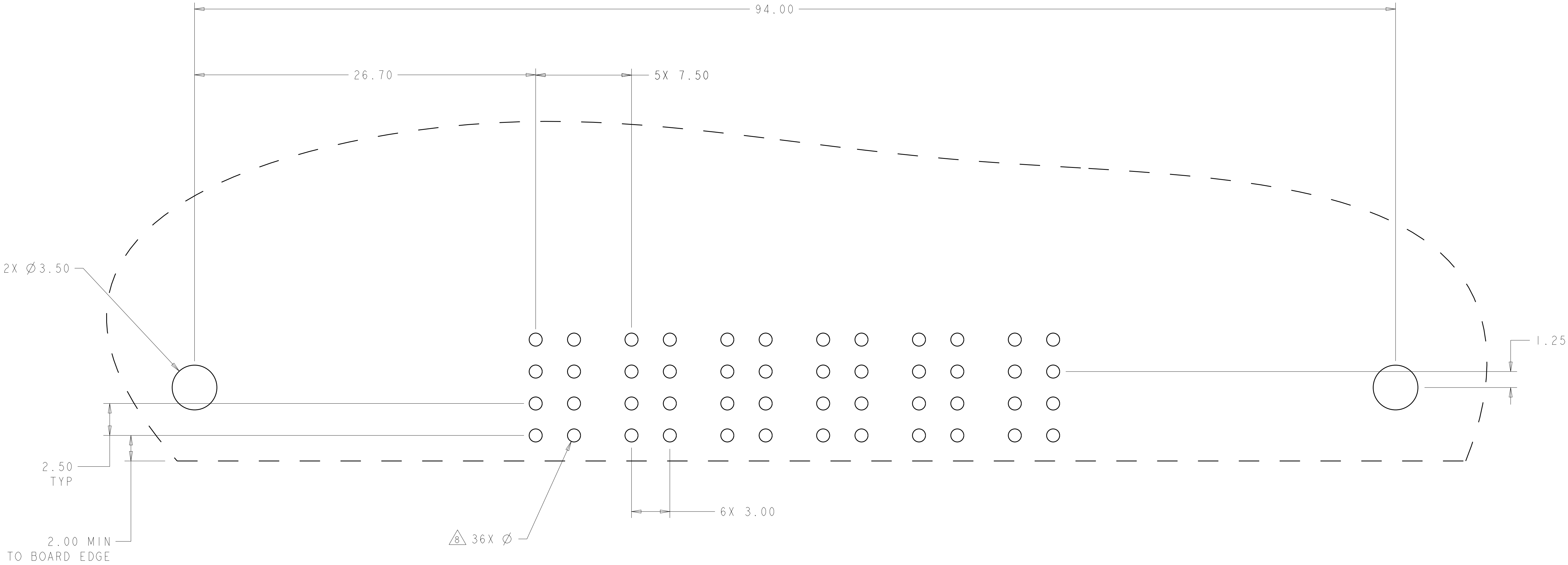
YEAR WEEK

- MOUNTING FLANGE ACCEPTS M3 OR NO.4 SCREWS. (USER SUPPLIED)
- CONNECTOR MATES WITH TYCO ELECTRONICS PART NUMBER 1926996-1



AS SHOWN		1926997-1	
DESCRIPTION		PART NO.	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ±.5	
		1 PLC ±.5	
		2 PLC ±.25	
		3 PLC ±.25	
		4 PLC ±.25	
		ANGLES ±.2	
		FINISH	
MATERIAL		FINISH	
-		-	
-		-	
CUSTOMER DRAWING		SCALE 3:1	
		SHEET 1 OF 3	
		REV A	

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

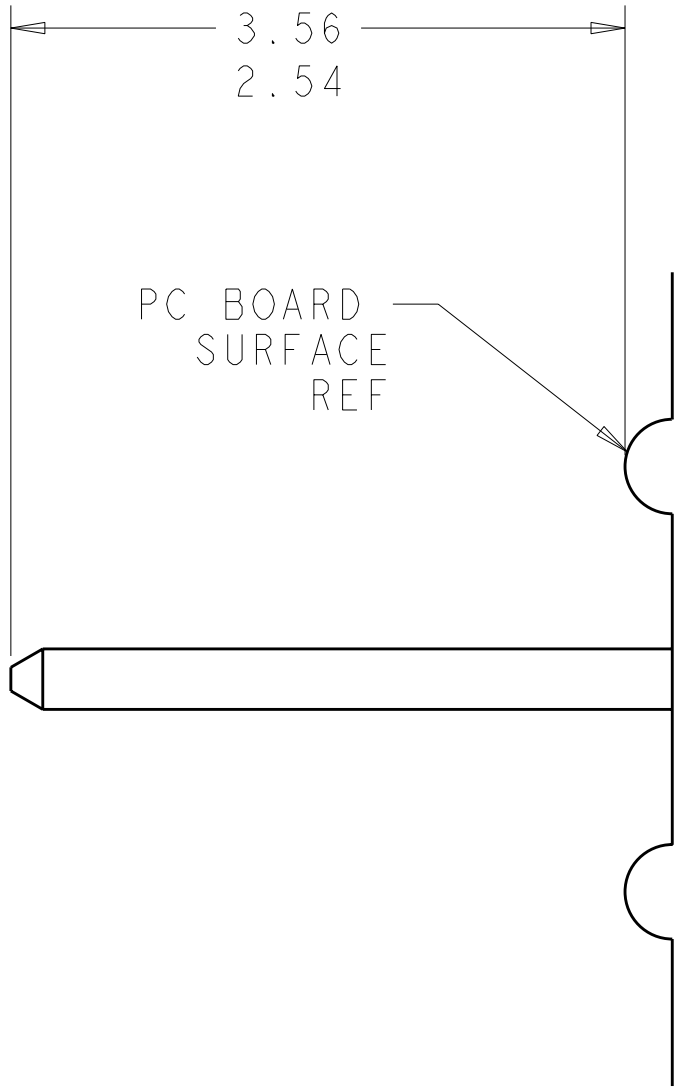


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE
SCALE 6:1

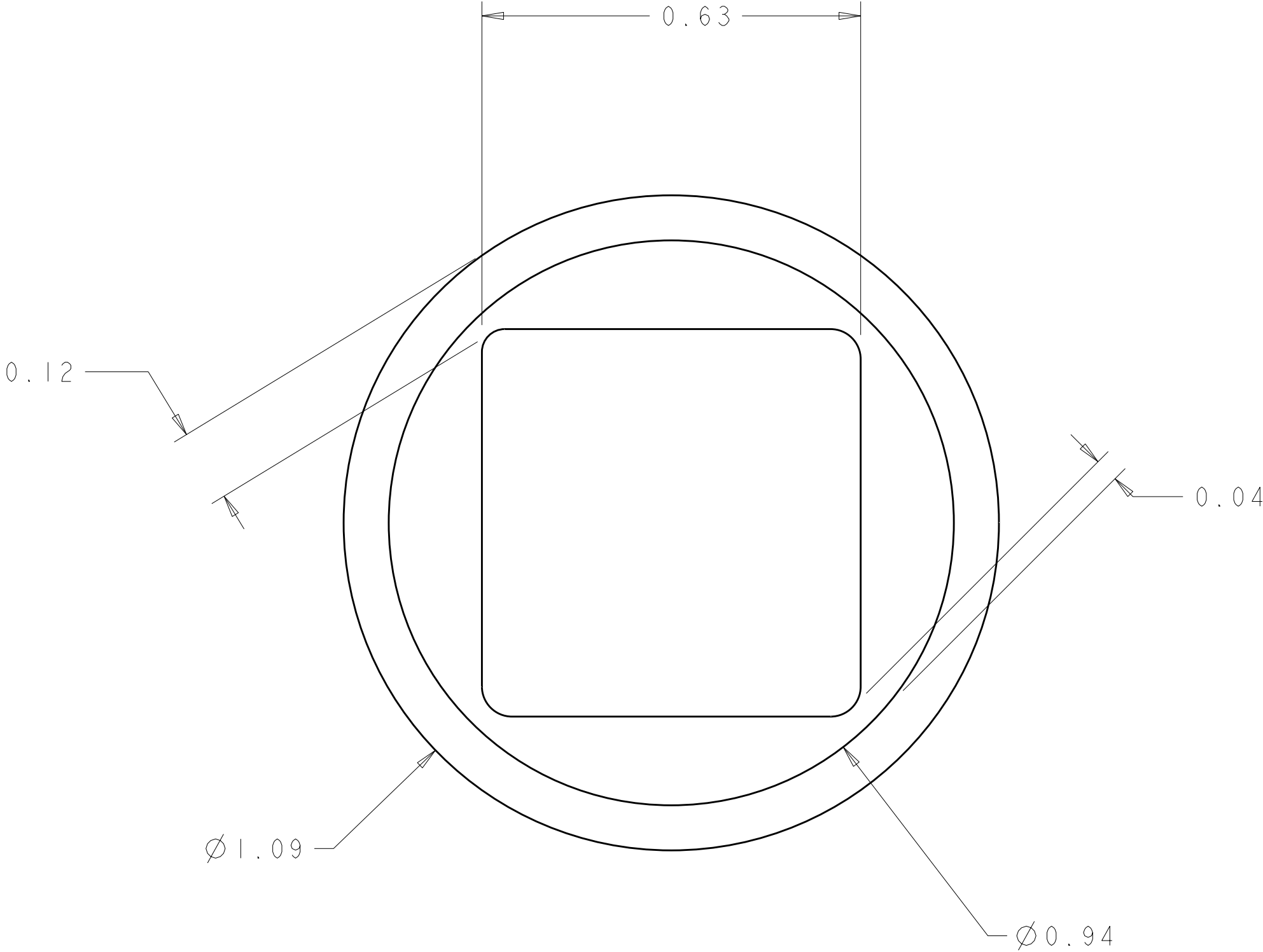
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP104	6	8	3	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP512	2	SPACER, 250V					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP507	2	RIGHT ANGLE GUIDE PIN					

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 3 PLC ±.25 5 PLC ±.5 4 PLC ±.5 ANGLES ±.2 FINISH -		DWN C. ROHLER 23SEP2008 CHK P. DAMATO 23SEP2008 APVD M. PERCHER 23SEP2008	Tyco Electronics Harrisburg, PA 17105-3608	
				NAME PIN CONNECTOR ASSEMBLY RIGHT ANGLE, SOLDER TAILS FLATPAQ	SIZE A100779	CAGE CODE C=1926997
MATERIAL -		WEIGHT -		CUSTOMER DRAWING		RESTRICTED TO -
				SCALE 3:1	SHEET 2	OF 3
				REV A		

LOC		DIST		REVISIONS						
-		-		DESCRIPTION				DATE	DWN	APVD
				P	LTR					
				-		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] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1926997-1](#)