

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	RELEASED	20NOV2008	RG	PD

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.
SIGNAL CONTACTS: PHOSPHOR BRONZE ALLOY
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
CROWN BANDS: BERYLLIUM 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

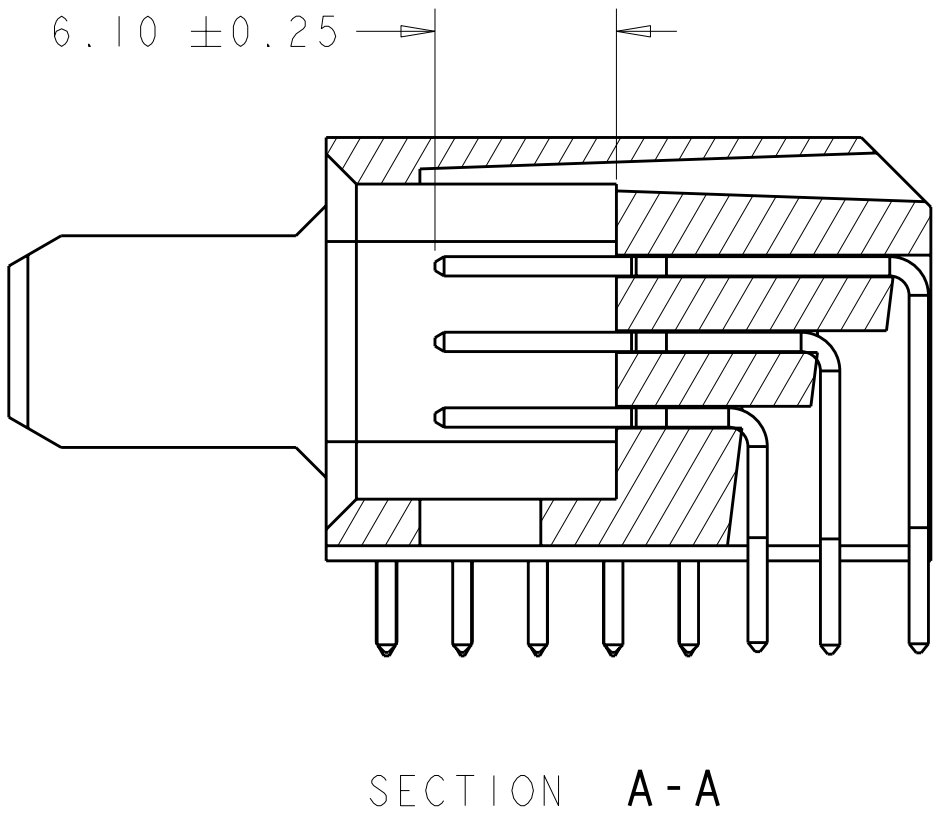
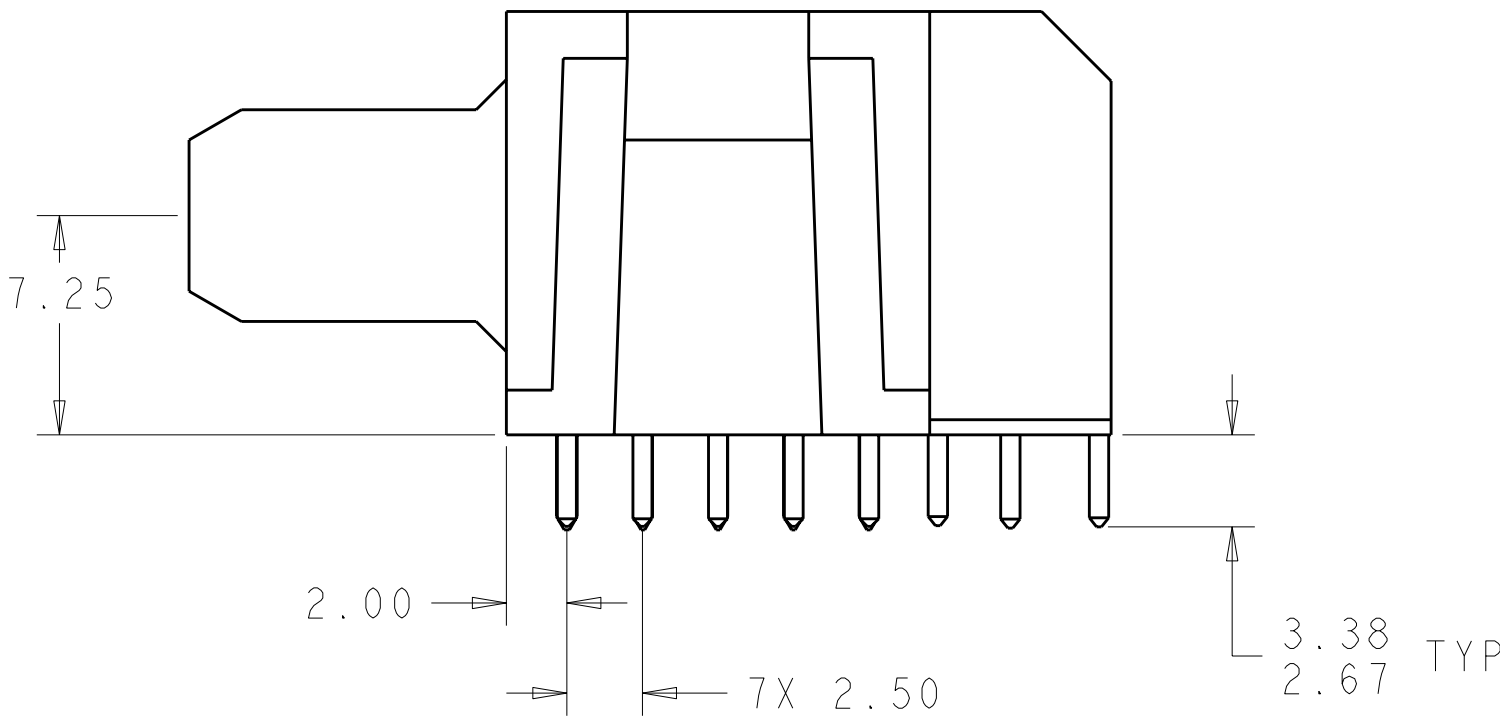
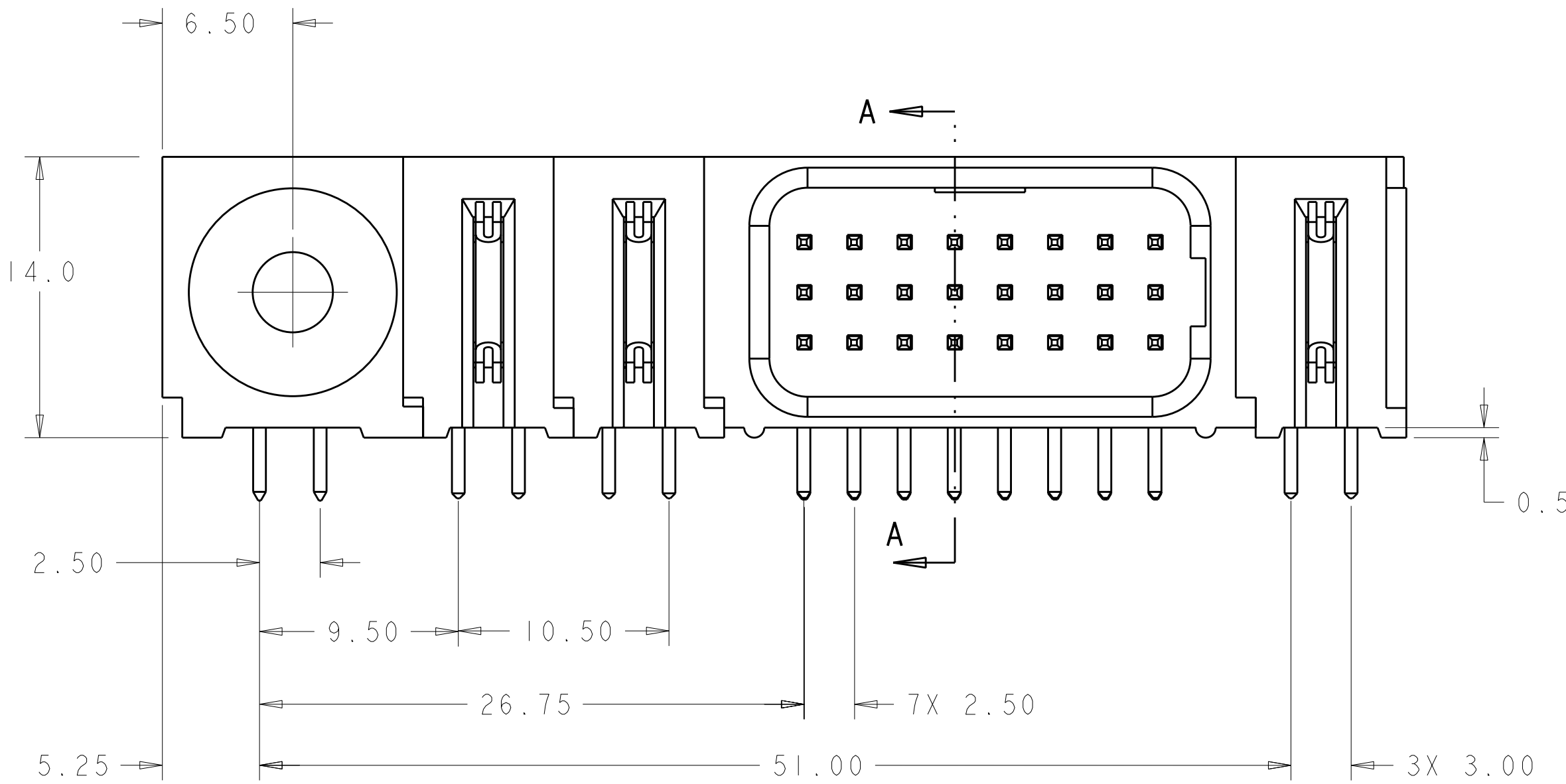
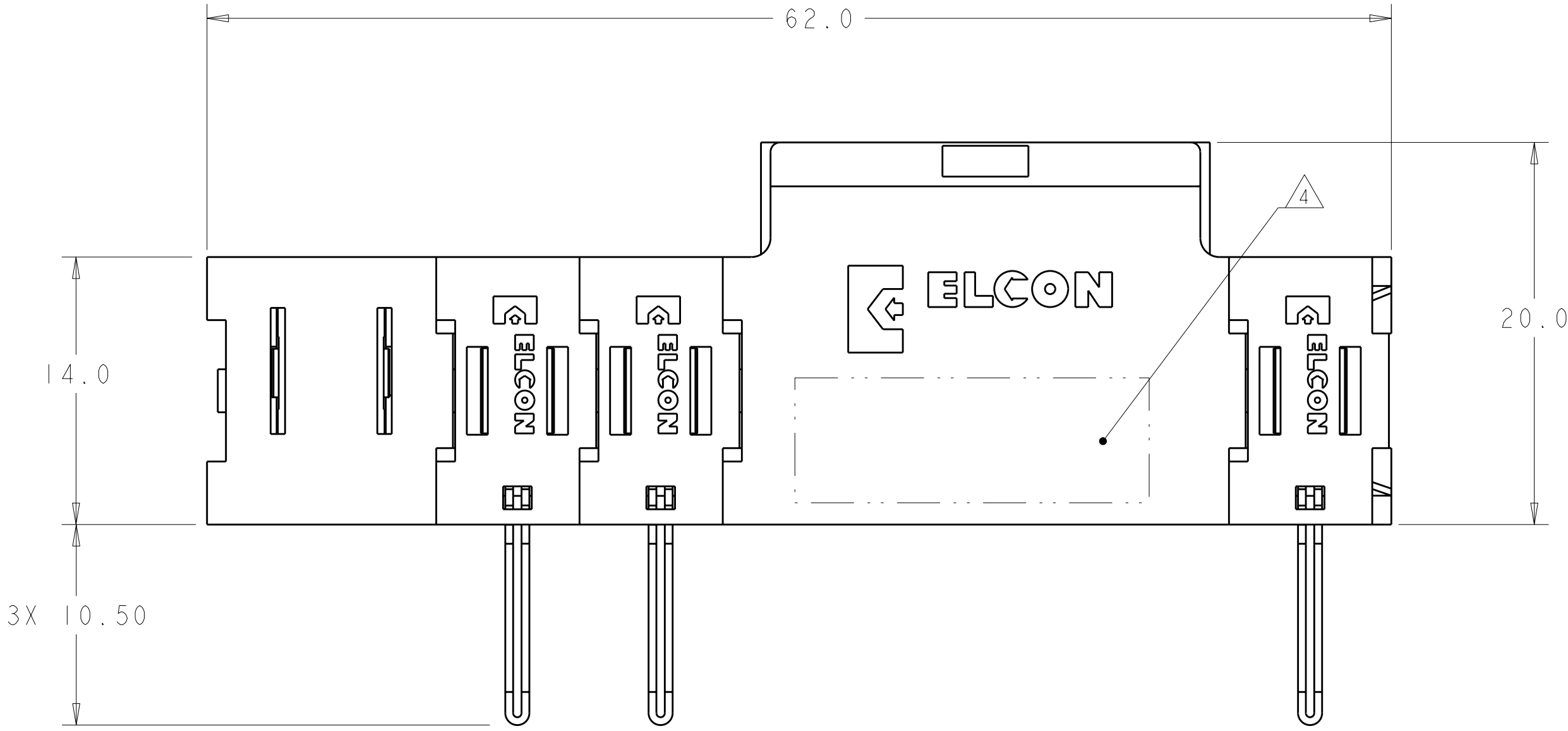
TYCO ELECTRONICS P/N
XXXXXXXX-X

DATE CODE
XXXX

YEAR
01

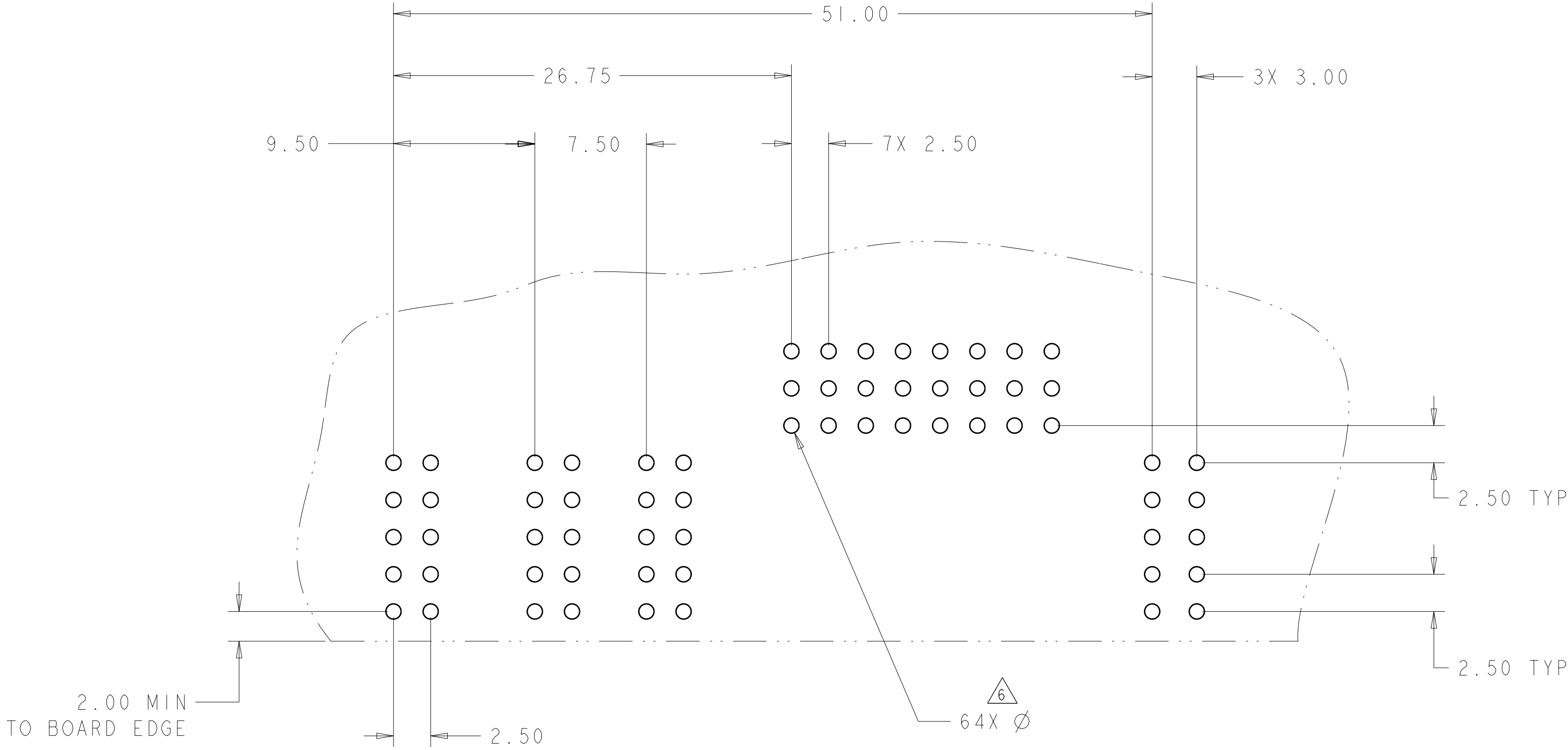
WEEK
06

(e.g. 0106)



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI 20NOV08		Tyco Electronics	
mm		0 PLC ±.5		CHK P. DAMATO 20NOV08		Harrisburg, PA 17105-3608	
		1 PLC ±.5		APVD M. PERCHERKE 20NOV08		NAME	
2 PLC ±.25		3 PLC ±.25		PRODUCT SPEC		PIN CONNECTOR ASSEMBLY	
4 PLC ±.		5 PLC ±.		APPLICATION SPEC		RIGHT ANGLE	
ANGLES		FINISH		WEIGHT		SOLDER TAILS	
2		3		CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO	
						A100779C=6648006	
						RESTRICTED TO	
						SCALE 4:1 SHEET 1 OF 3 REV A	

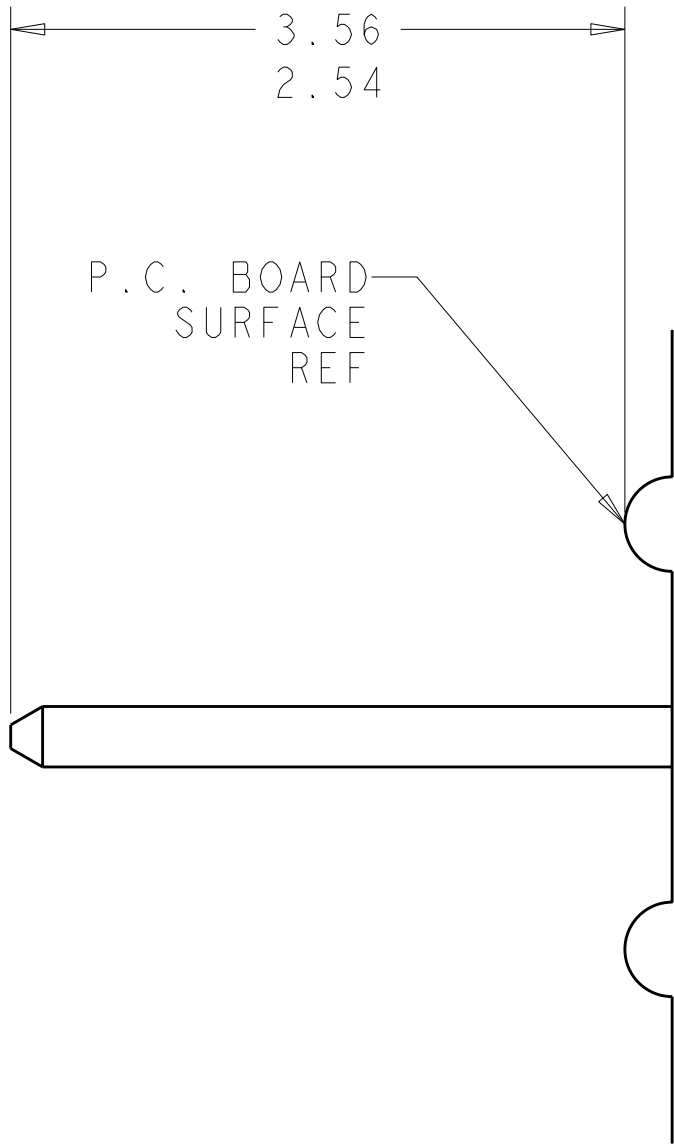
LOC		DIST		REVISIONS				
GP	00	F	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	



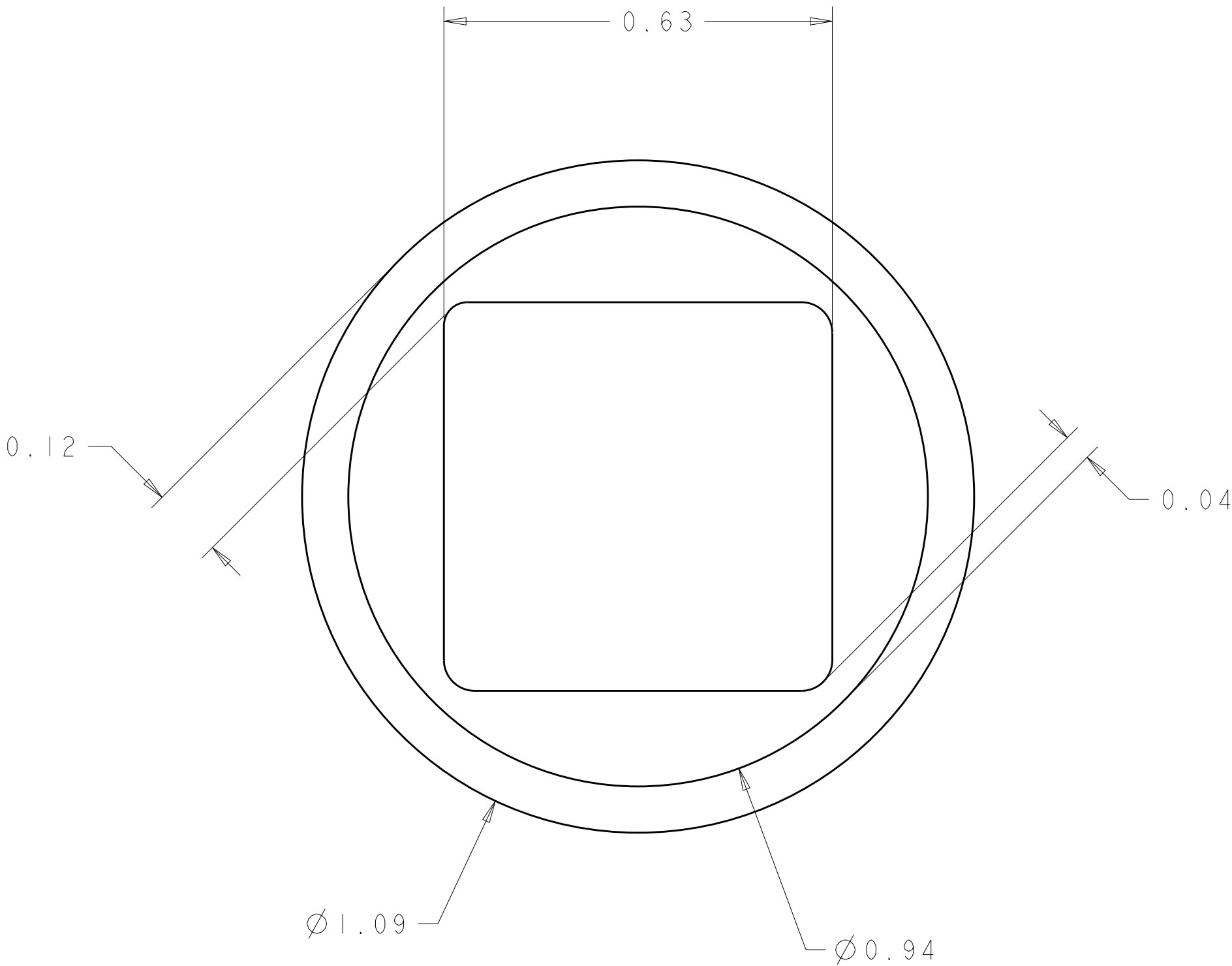
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP302	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125
	FPI05	3	8	3	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP516	1	RIGHT ANGLE GUIDE SOCKET					

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI	20NOV08	Tyco Electronics Harrisburg, PA 17105-3608	
mm		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH		CHK P. DAMATO	20NOV08	NAME PIN CONNECTOR ASSEMBLY RIGHT ANGLE SOLDER TAILS	
MATERIAL		-		APVD M. PERCHERKE	20NOV08	SIZE CAGE CODE DRAWING NO A 00779 C=6648006	
CUSTOMER DRAWING		-		WEIGHT		RESTRICTED TO	
SCALE		4:1		SHEET		2 OF 3	
REV		A					

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



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

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6648006-1](#)