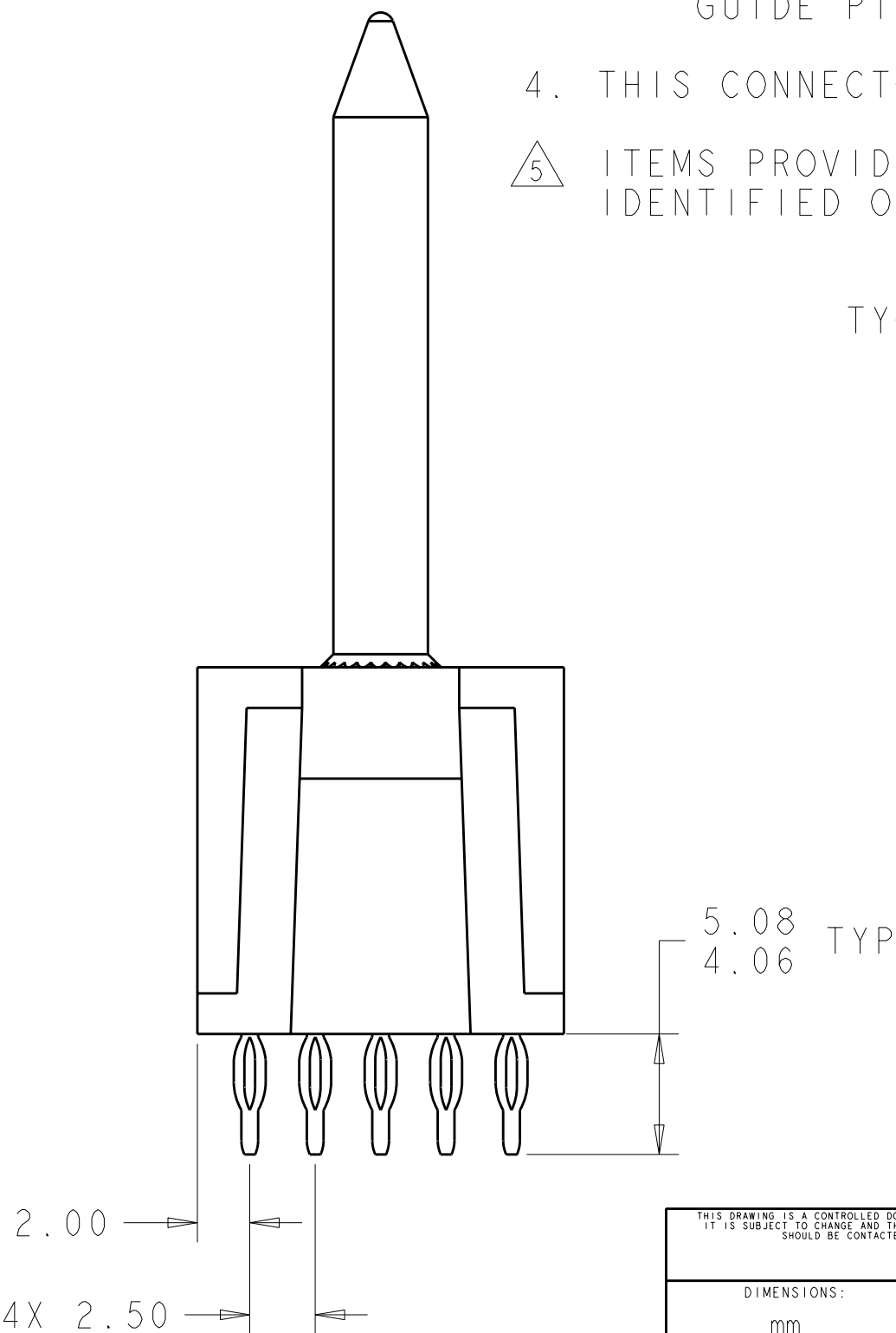
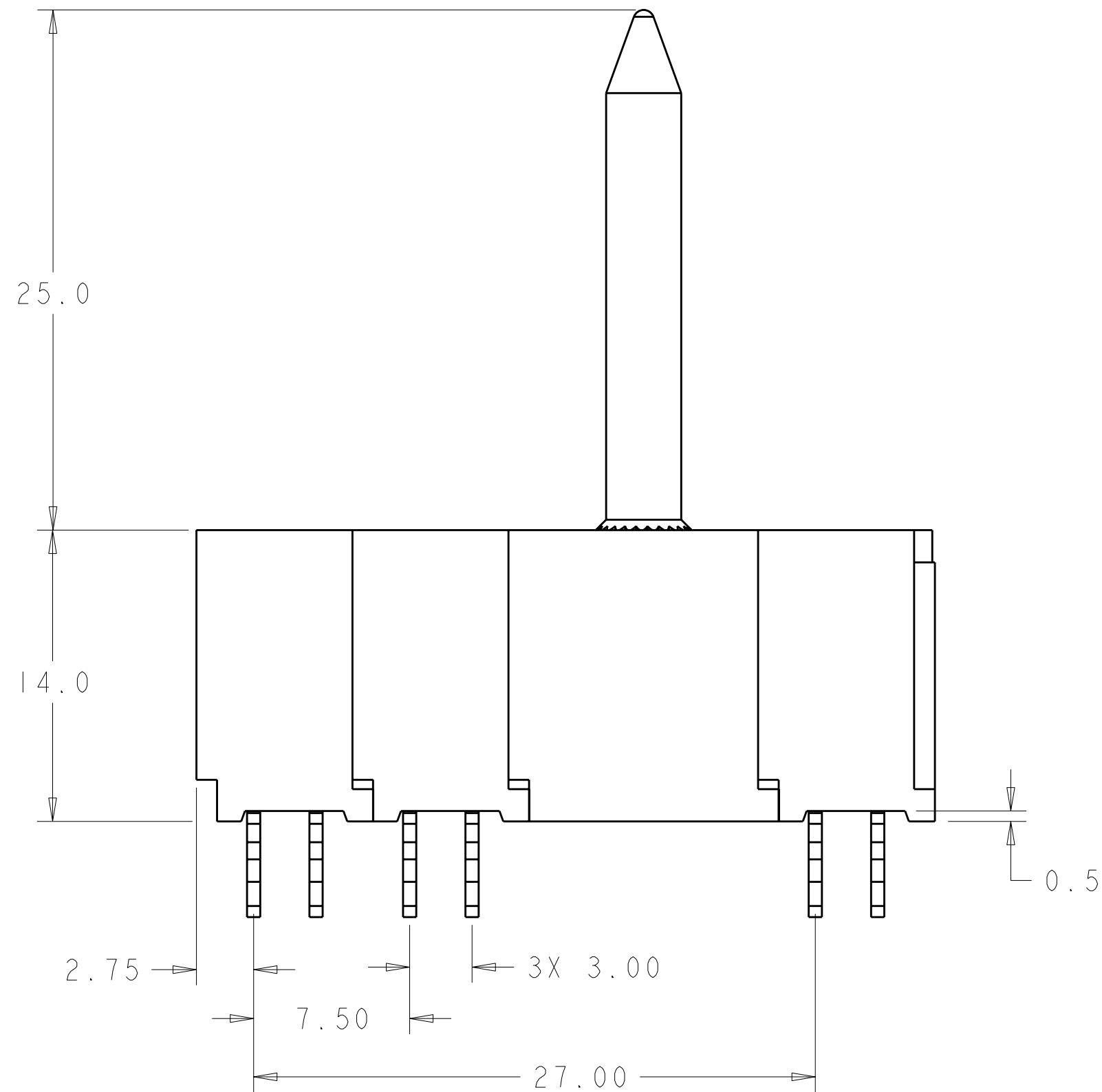
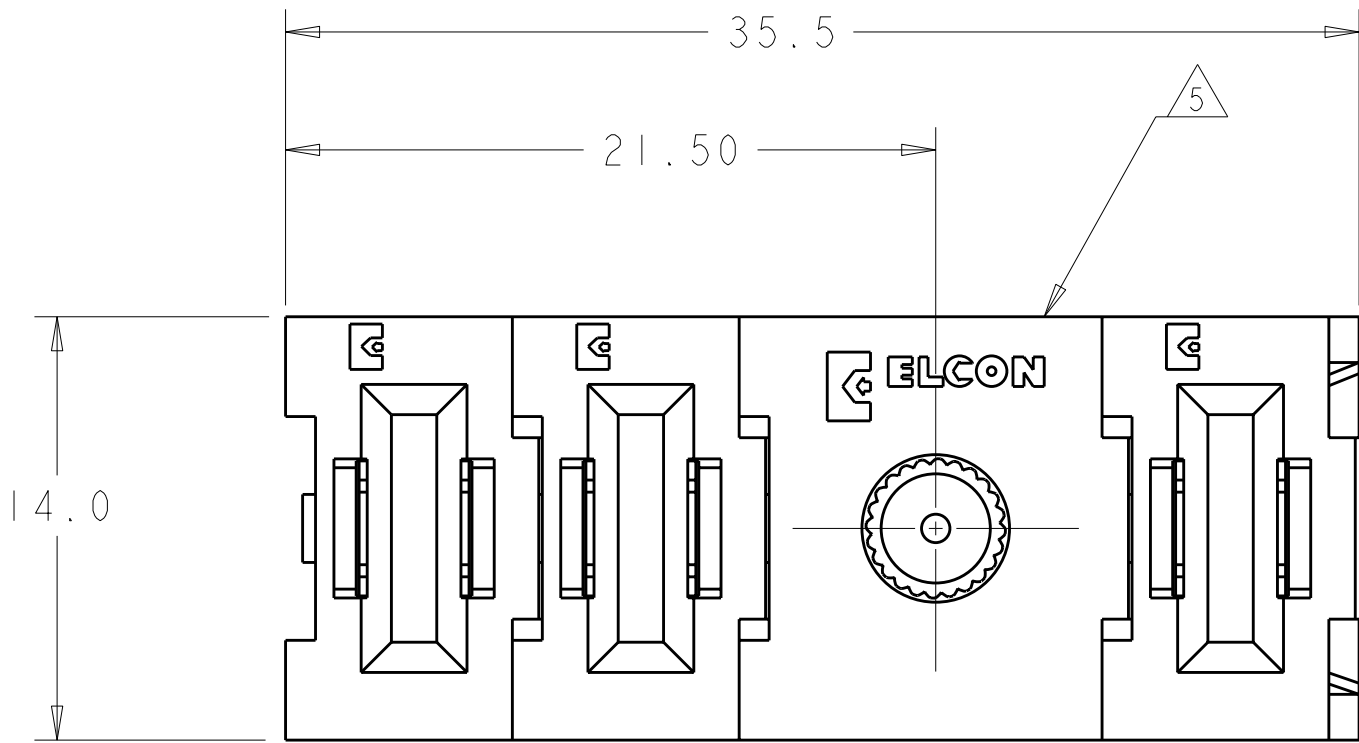


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	14APR2009	RG	RL



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
GUIDE PIN - BRASS ALLOY

3 FINISH:
CONTACTS - GOLD PLATE .76µm MIN. THK. OVER NICKEL
1.27µm MIN. THK
COMPLIANT TAILS - TIN PLATE 5.08µm MIN. THK. OVER NICKEL 1.27µm MIN THK.
GUIDE PIN - NICKEL PLATE 1.27µm MIN THK.

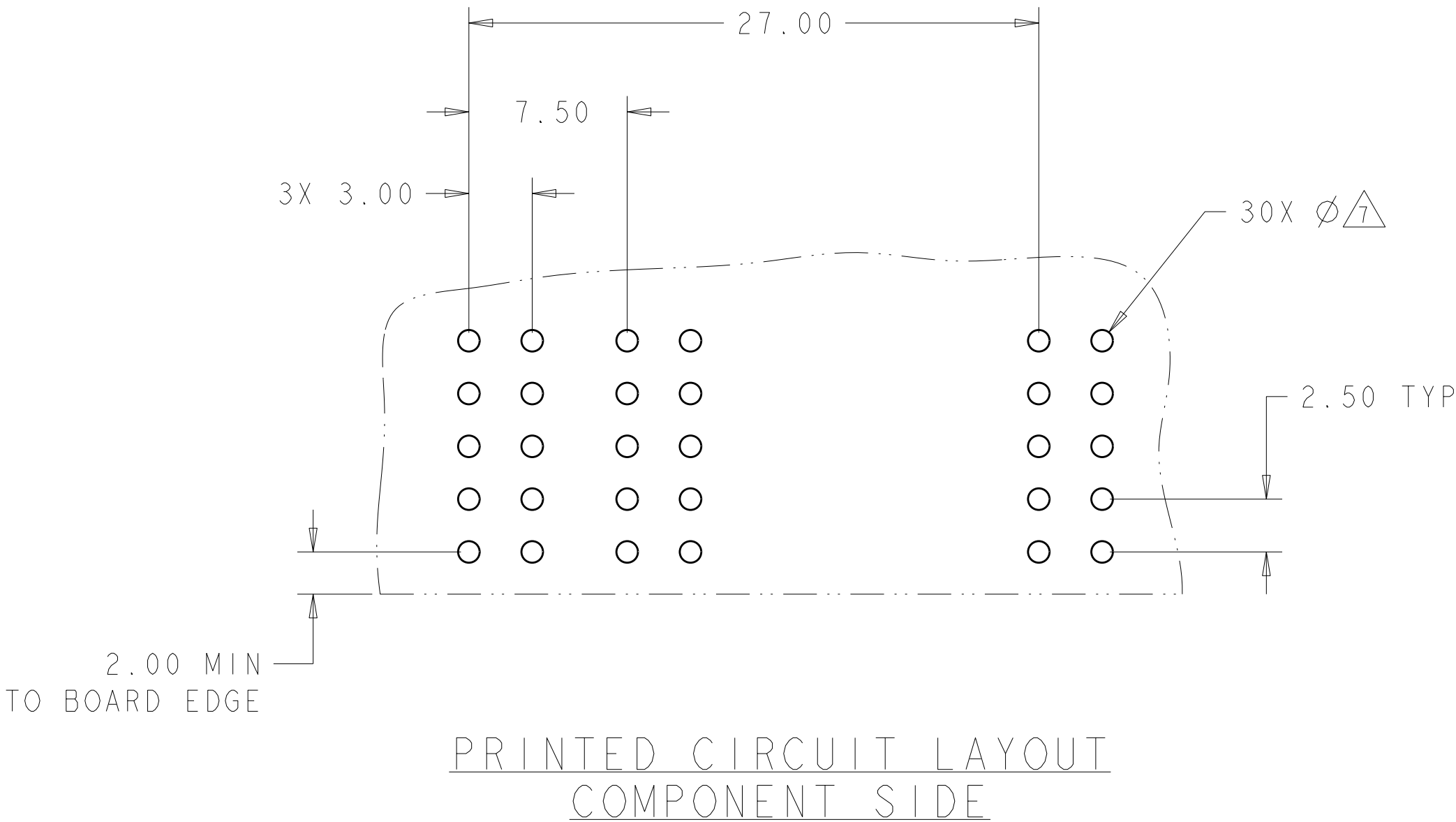
4. THIS CONNECTOR MATES WITH PIN CONNECTOR P/N 6651843-1

5 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED ON THE CONTAINER PER THE FOLLOWING IDENTIFIER LABEL
YEAR WEEK

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

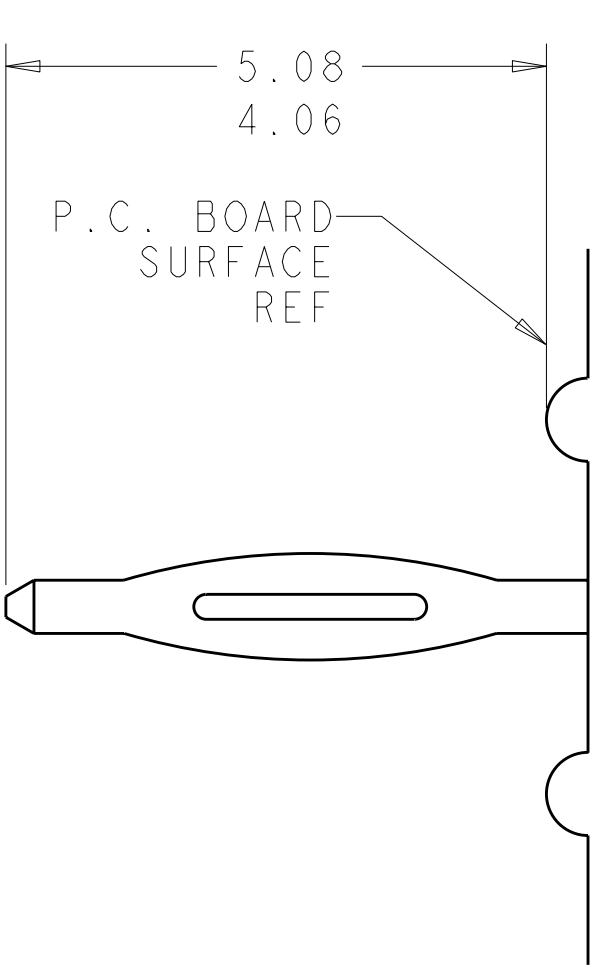
ELCON FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN	14APRIL09	Tyco Electronics	
				CHK	14APRIL09	Harrisburg, PA 17105-3608	
				APVD	14APRIL09		
				PRODUCT SPEC		NAME	
				APPLICATION SPEC		SOCKET CONNECTOR ASSEMBLY	
				WEIGHT		STRAIGHT, COMPLIANT TAILS	
				CUSTOMER DRAWING		FLATPAQ	
				SCALE	4:1	SHEET 1 OF 3	
				REV	A		

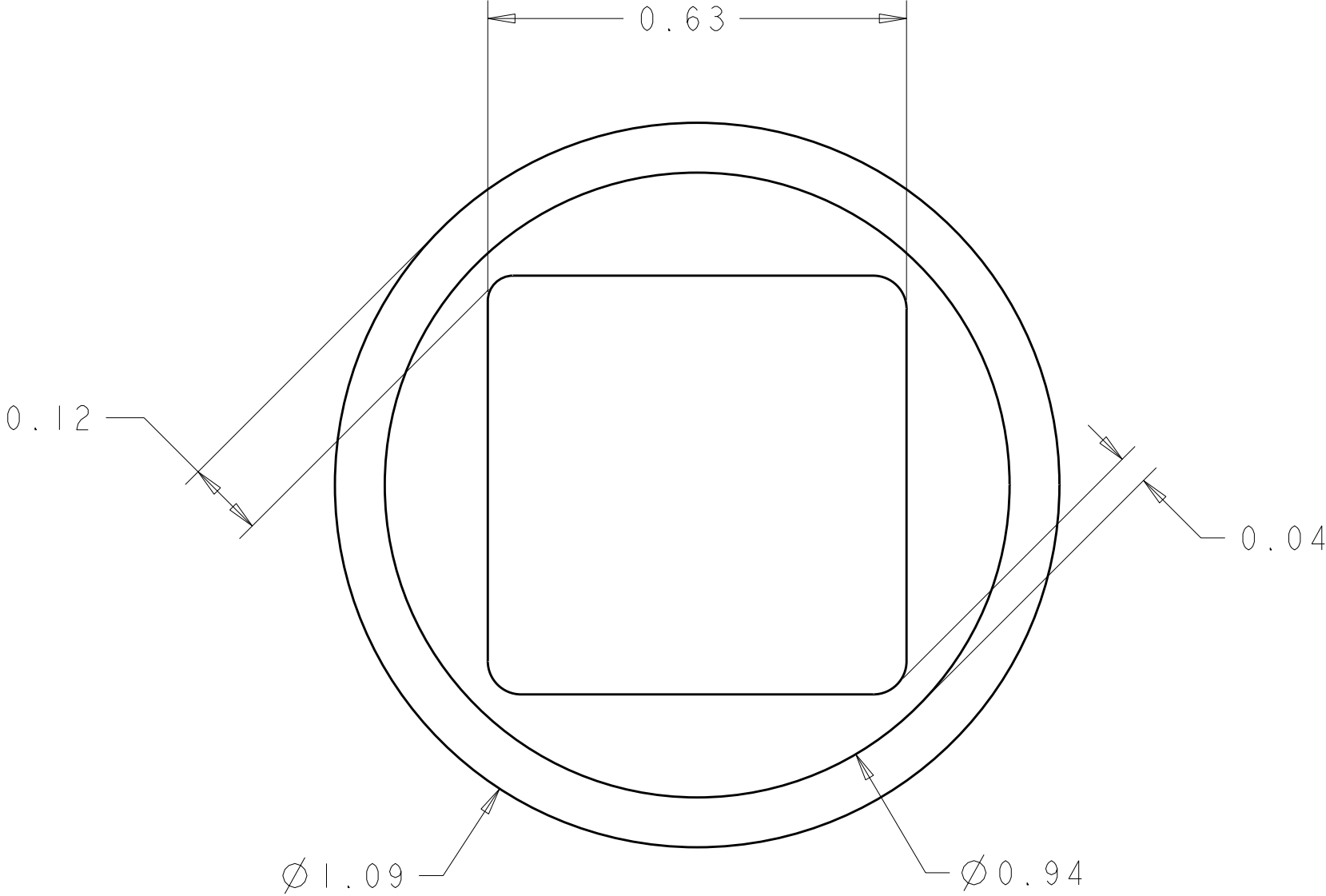


CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP200	3	8	3	1.25 X 7.00	35 amps	7.50	250 VOLTS
	FP503	1	GUIDE PIN, PASSIVE					

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



6. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN
[30 LBS]
MINIMUM PUSH OU: 44.4N PER PIN
[10 LBS]



7. SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
COMPLIANT PRESS FIT
DRILLED HOLE: $\varnothing 1.15 \pm .013$
COPPER PLATE: .025 TO .050
TIN PLATE: .0005 MIN. (PER SURFACE)

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 14APRIL09 CHK R. LONDON 14APRIL09 APVD M. PERCHERKE 14APRIL09	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		PRODUCT SPEC -	NAME SOCKET CONNECTOR ASSEMBLY STRAIGHT, COMPLIANT TAILS FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .5$ 1 PLC $\pm .5$ 2 PLC $\pm .25$ 3 PLC $\pm .5$ 4 PLC $\pm .5$ ANGLES ± 5 FINISH		APPLICATION SPEC -	SIZE A200779	CAGE CODE C-6646368
MATERIAL -		WEIGHT -	RESTRICTED TO -	
CUSTOMER DRAWING			SCALE 4:1	SHEET 3 OF 3
			REV A	

Mouser Electronics

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[6646368-1](#)