

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	NEW RELEASE	23JUL2007	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.

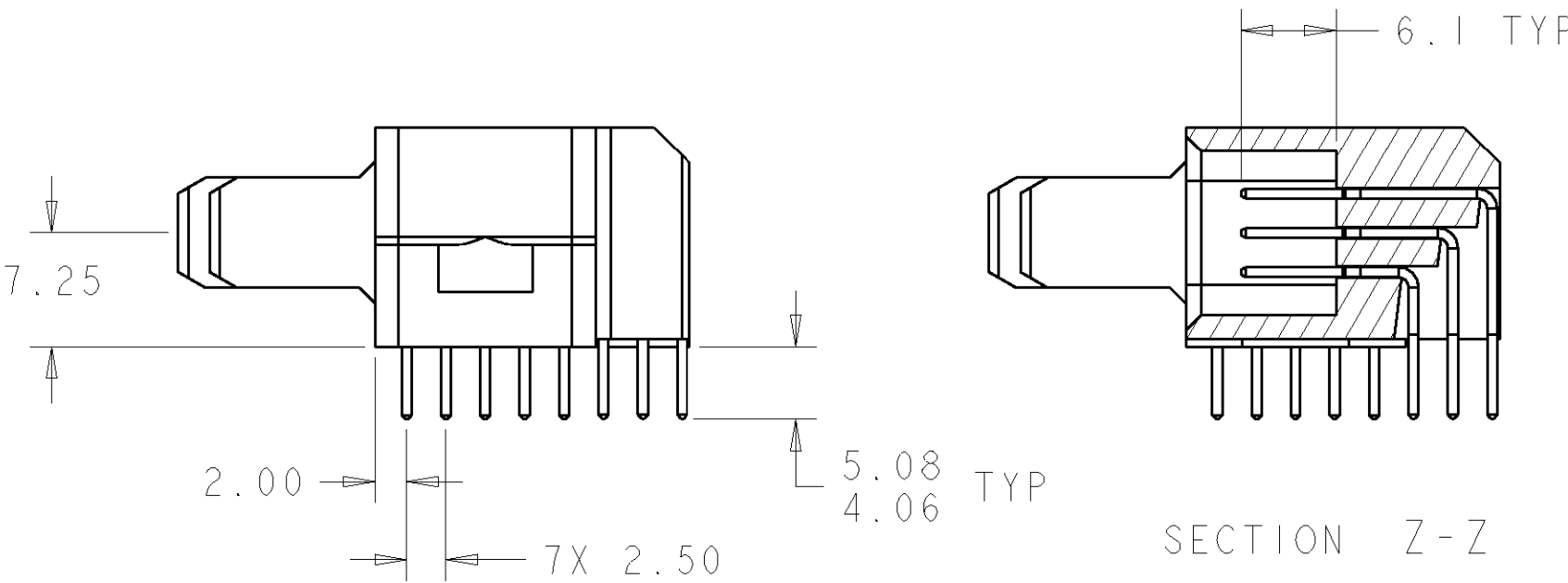
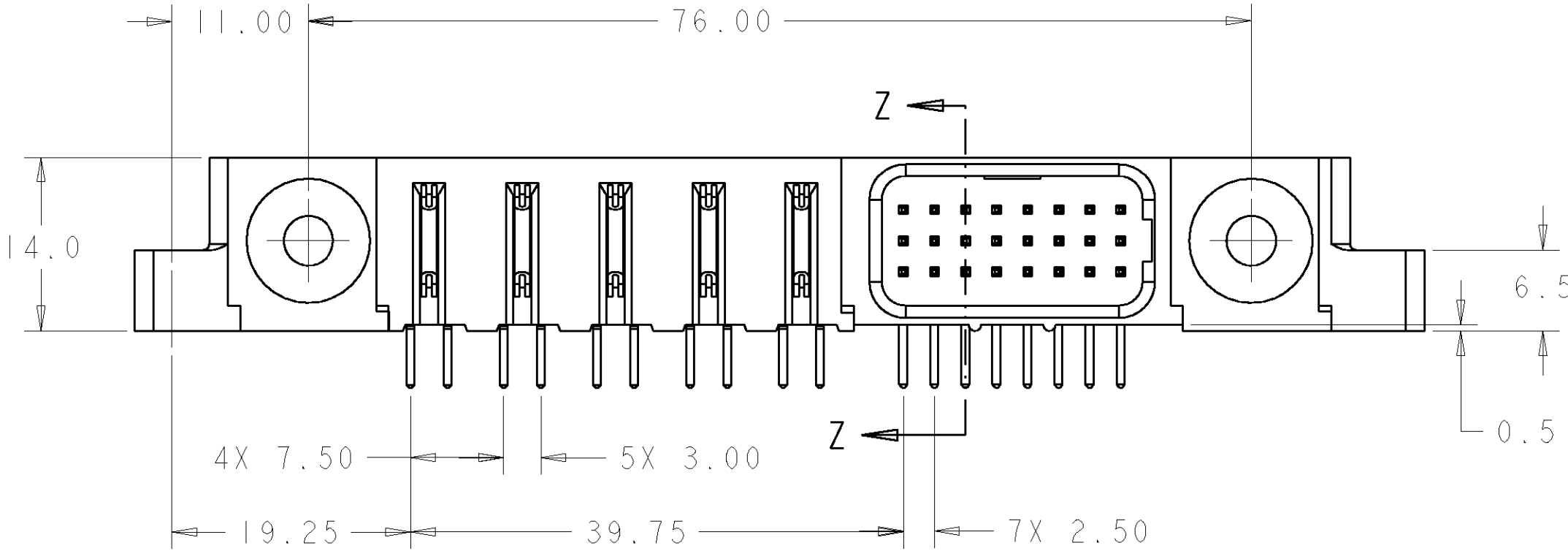
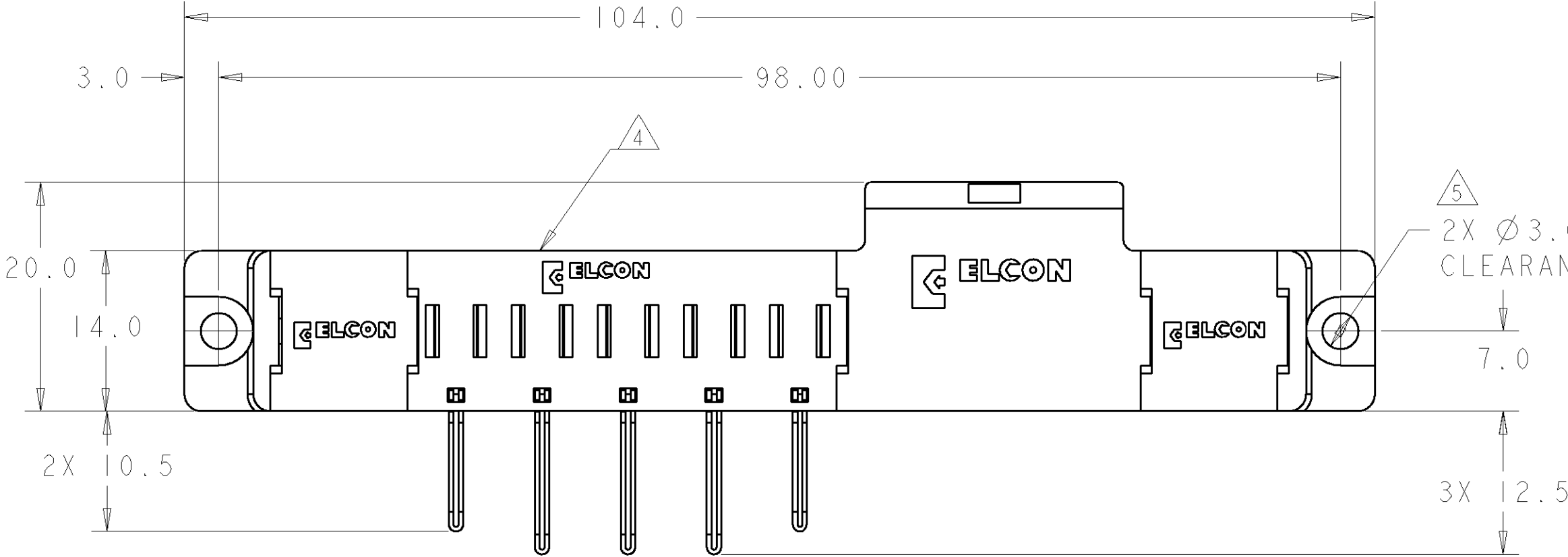
2. MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
SIGNAL CONTACTS: PHOSPHOR BRONZE ALLOY
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
CROWN BANDS: BERYLLIUM COPPER ALLOY

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.

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

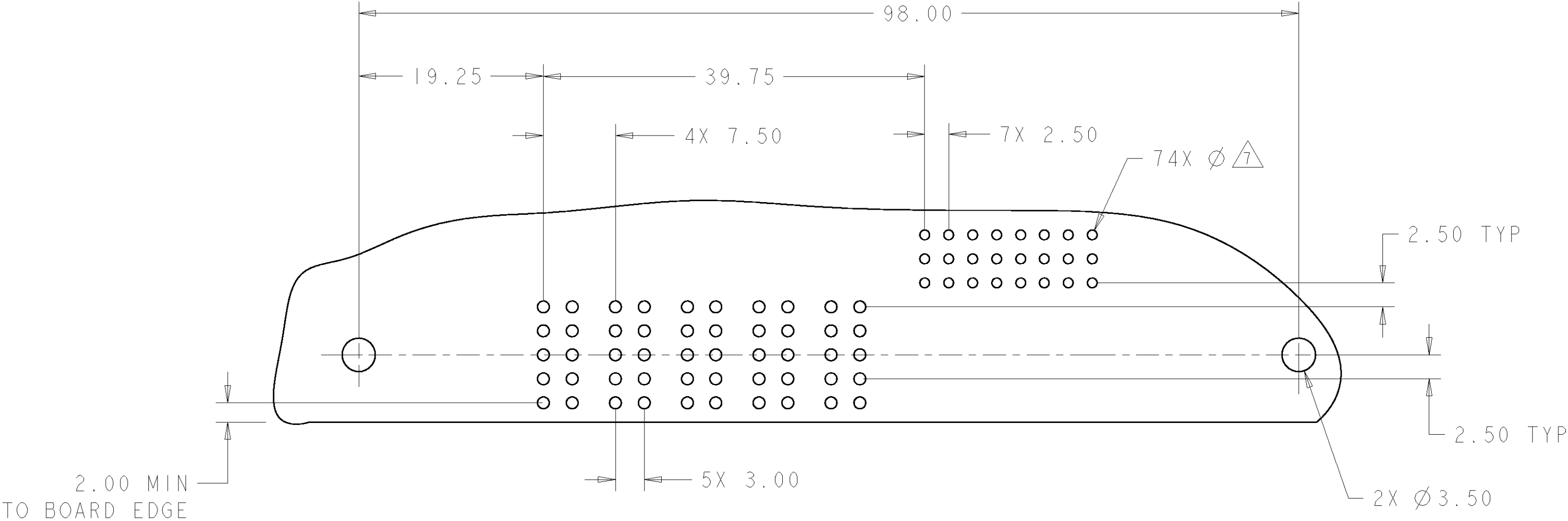
YEAR 1 WEEK 1
TYCO ELECTRONICS P/N XXXXXXXX-X DATE CODE (e.g. 0106) XXXX

△ MOUNTING FLANGES ACCEPT M3 OR 4-40 SCREWS (USER SUPPLIED).



ELCON FLATPAQ

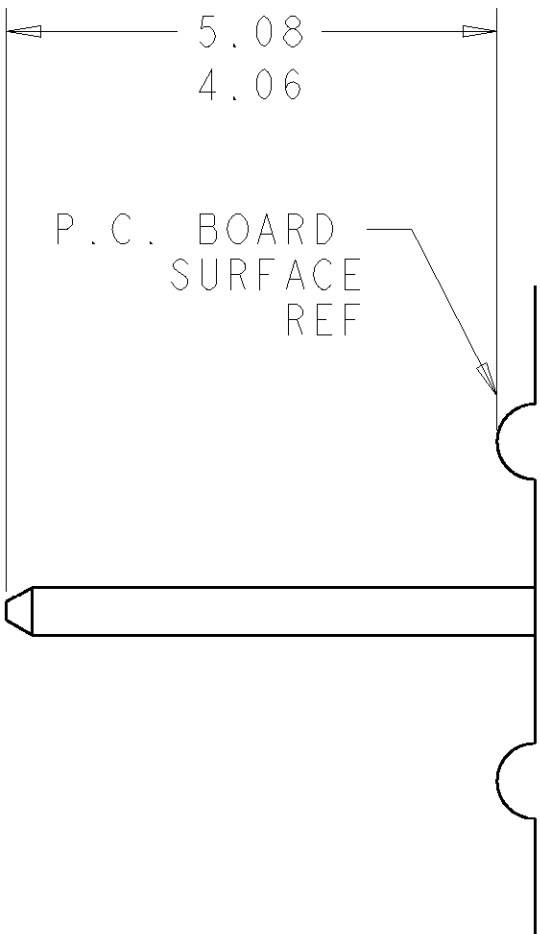
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 23JUL2007	Tyco Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: mm		CHK P. DAMATO 23JUL2007	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS FLATPAQ			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±1 FINISH		APVD S. ELICKINGER 23JUL2007	SIZE A200779C-6646752			
MATERIAL -		PRODUCT SPEC -	RESTRICTED TO -			
		APPLICATION SPEC -	SCALE 2:1			
		WEIGHT -	SHEET 1 OF 3			
		CUSTOMER DRAWING	REV A			



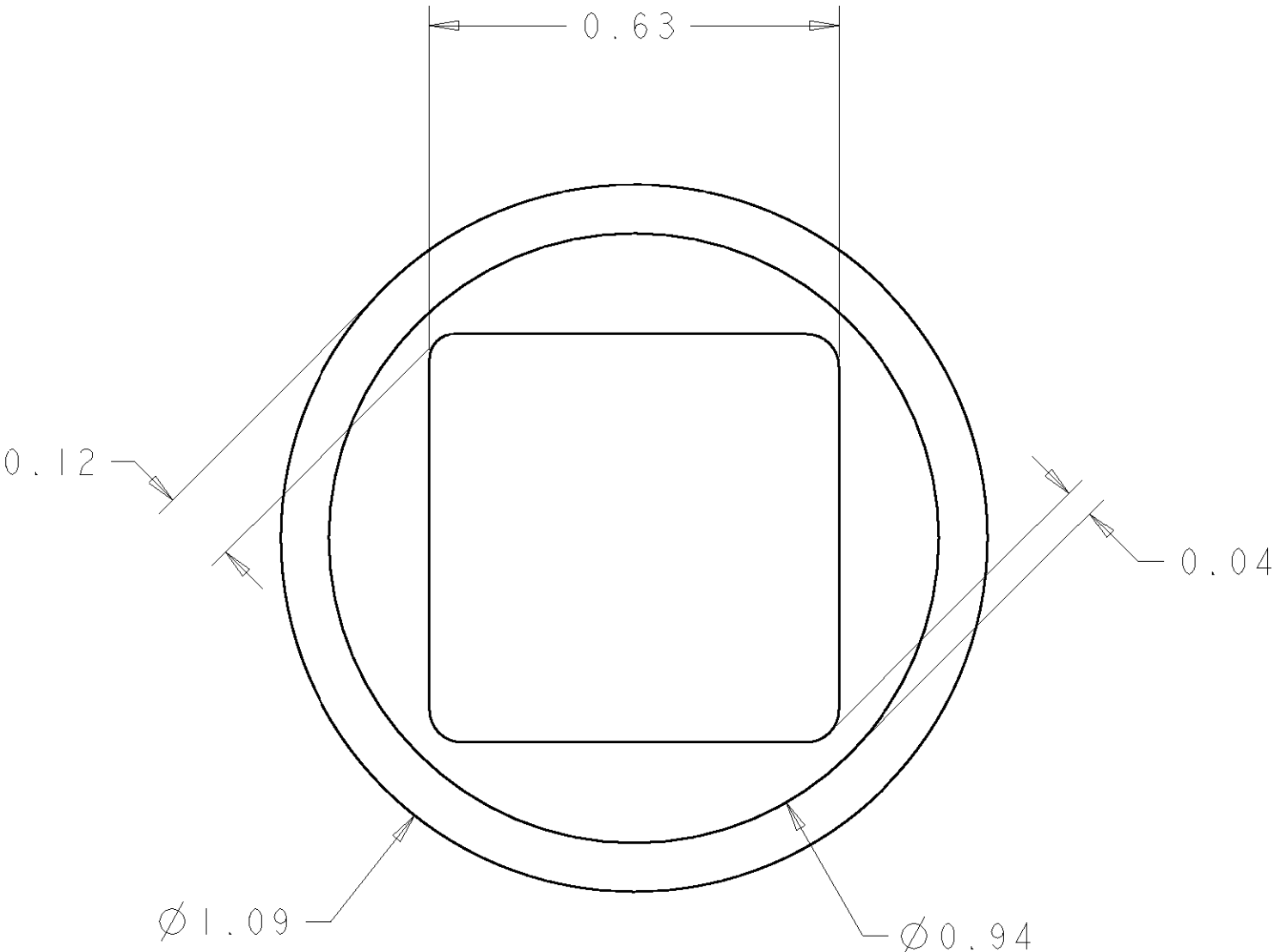
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

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
	FP105	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP106	3	8	3	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP506	2	RIGHT ANGLE GUIDE SOCKET					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					

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



6. SOLDER PIN DETAIL
SCALE 10 : 1



7. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN (PER SURFACE)
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)