

LOC		DIST		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		PROPOSED DESIGN	13MAR2006	RG	PD

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO 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
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS COPPER ALLOY
3. FINISH:

CONTACTS - GOLD PLATE .000030 INCH MIN. THK., OVER NICKEL
.000040 INCH MIN. THK
SOLDER TAILS, TIN .000100 INCH MIN. THK. OVER NICKEL
.0005 MIN THK.
GUIDE PIN - NICKEL .00004 MIN THK.

4

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

YEAR

WEEK

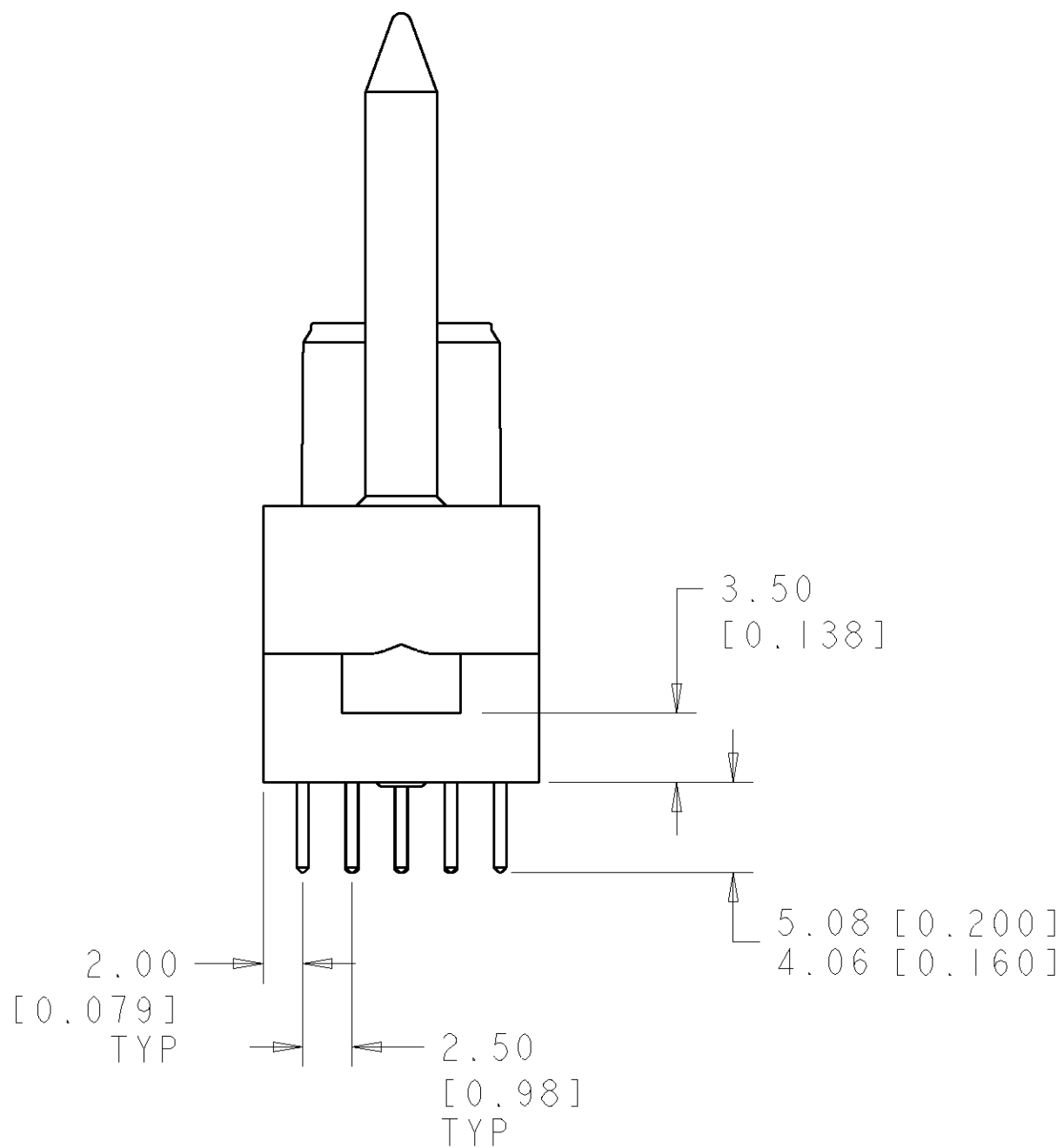
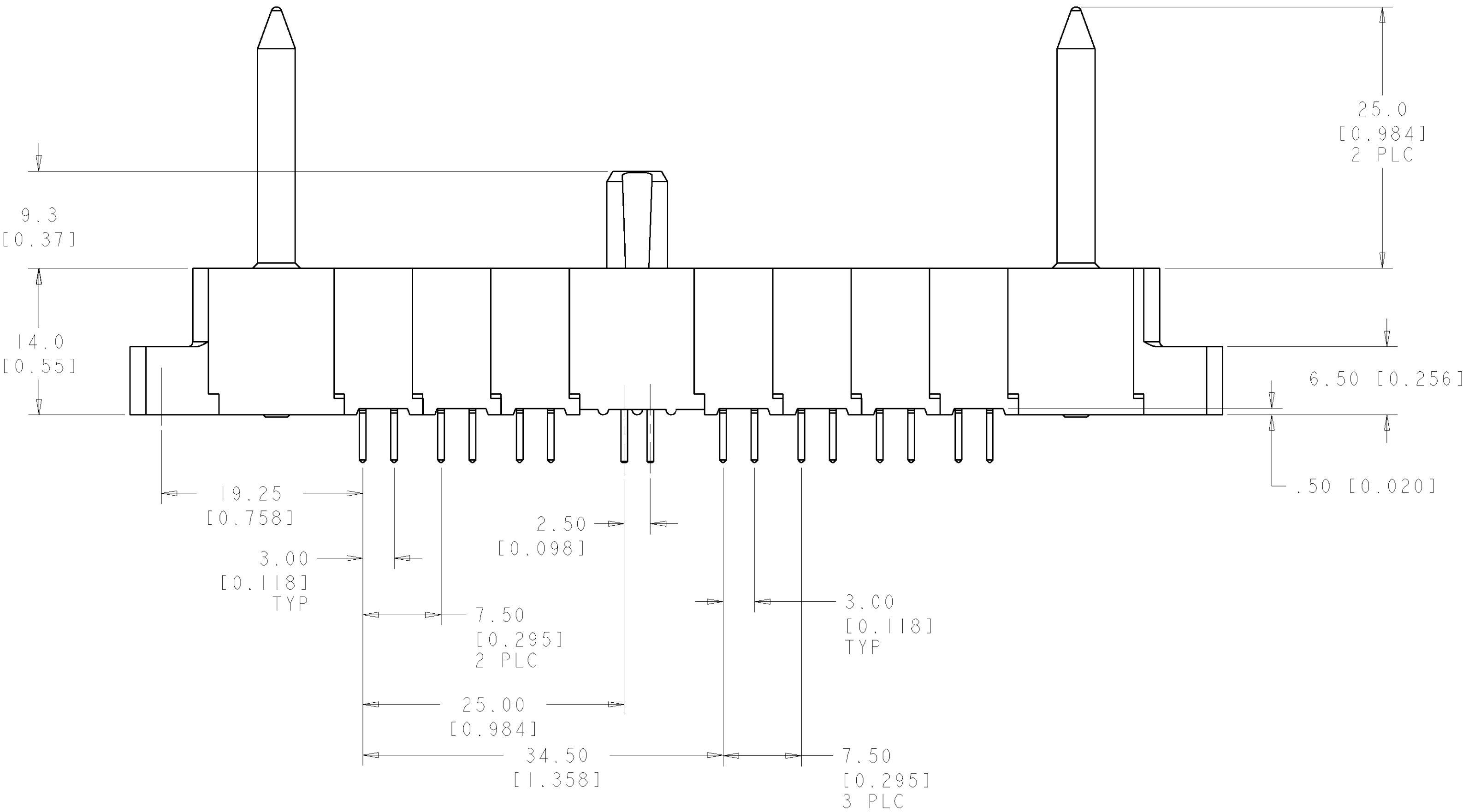
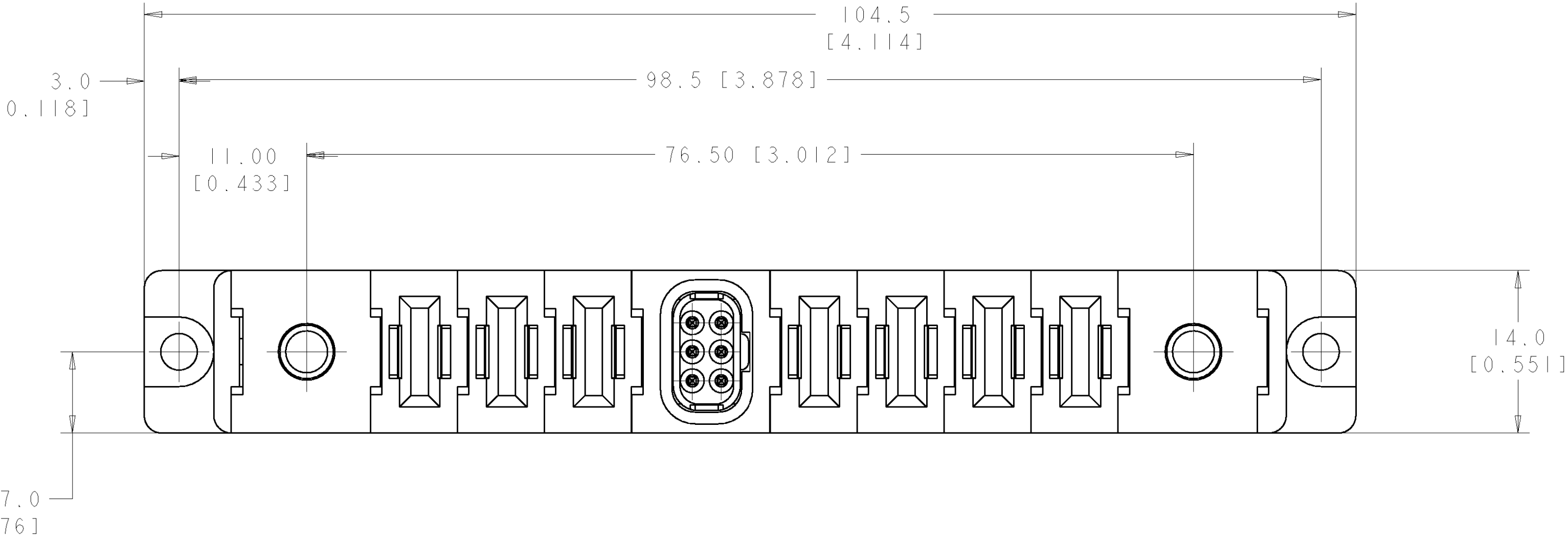
TYCO PART NO.

XXXXXXXX-X

DATE CODE

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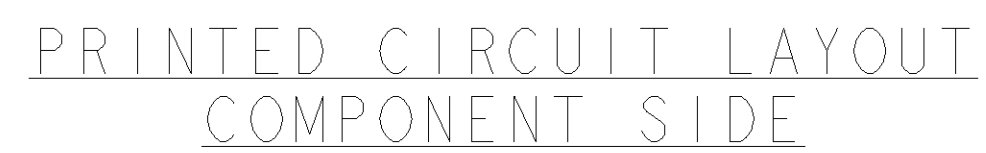
(e.g. 0106)



ELCON

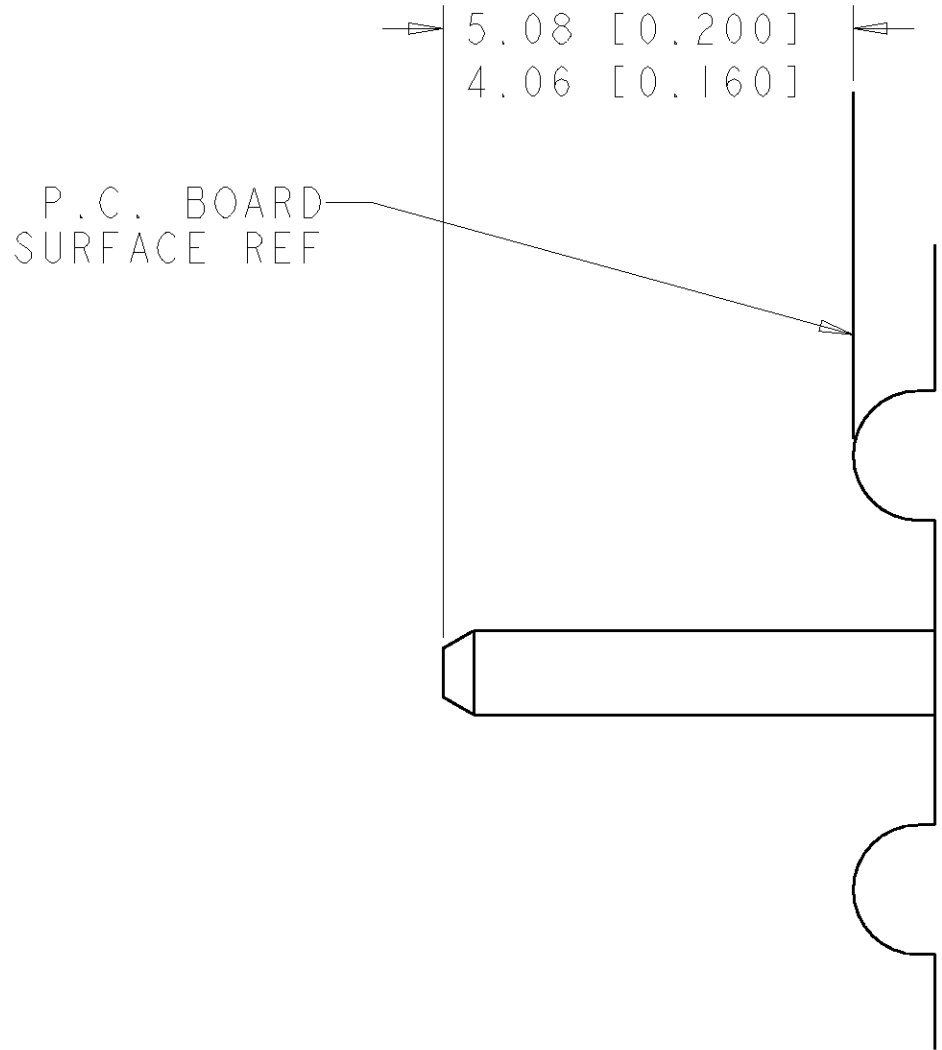
FLATPAQ

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DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		STRAIGHT SOCKET CONNECTOR SOLDER TAILS	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±.5 [.020] ±.25 [.010] ± ±.5		PRODUCT SPEC		SIZE	
MATERIAL		FINISH		APPLICATION SPEC		CAGE CODE	
-		-		WEIGHT		DRAWING NO	
-		-		CUSTOMER DRAWING		A 100779	
						C=6646375	
						RESTRICTED TO	
						SCALE 3:1	
						SHEET 1 OF 3	
						REV A	

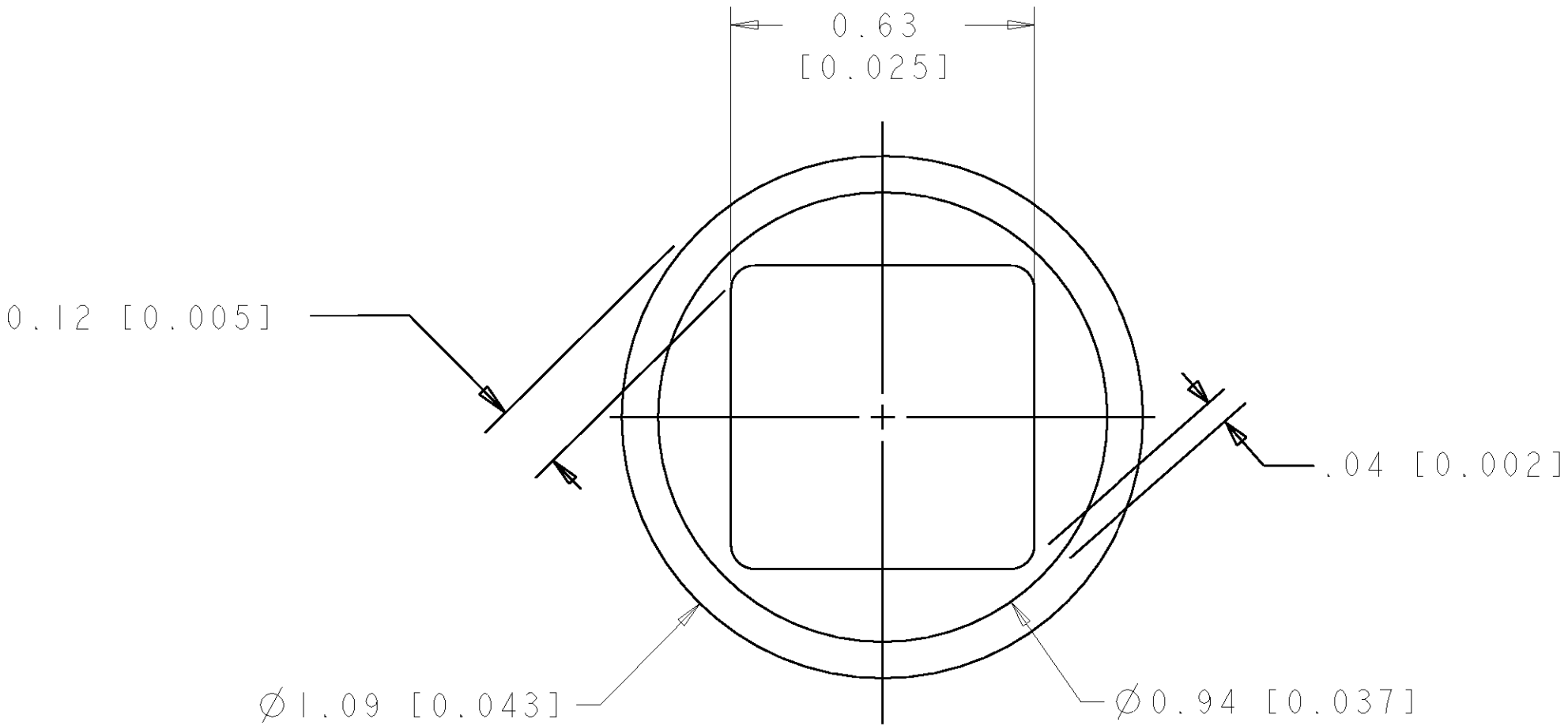


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DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 9 PLC ± .1 (2.00) 2 PLC ± .25 (.010) 3 PLC ± .1 4 PLC ± .1 ANGLES ± .5		CHT 13MAR2006 P. DAMATO APPR. 3 P. KLICKINGER	
		PRODUCT SPEC		NAME STRAIGHT SOCKET CONNECTOR SOLDER TAILS	
MATERIAL -		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO. RESTRICTED TO	
FINISH -		WEIGHT -		A 00779 C = 6646375 -	
CUSTOMER DRAWING		SCALE 3:1		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



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

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP0100	7	8	7	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP0313	1	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP0500	1	LEFT MOUNTING FLANGE					
	FPO501	1	RIGHT MOUNTING FLANGE					
	FPO503	2	STRAIGHT GUIDE PIN					

DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI CHK P. DAMATO APVD S. FLICKINGER	3MAR2006 13MAR2006	Tyco Electronics Harrisburg, PA 17105-3608	
9 PLC ±.01 1 PLC ±.02 2 PLC ±.03 3 PLC ±.04 4 PLC ±.05		±.01 ±.02 ±.03 ±.04 ±.05		PRODUCT SPEC		NAME	
MATERIAL		FINISH		APPLICATION SPEC		SIZE	
-		-		WEIGHT		A100779C=6646375	
-		-		CUSTOMER DRAWING		RESTRICTED TO	
				SCALE 3:1		SHEET 3 OF 3	
						REV A	

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