

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	09MAY2008	RG	SF
			B	REV PER ECO-11-004773	28MAR2011	RG	MS

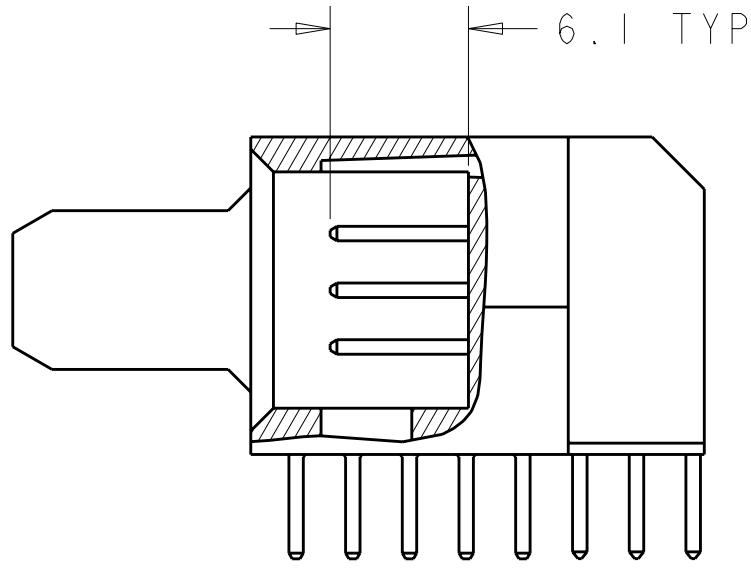
1 MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK,
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY

2 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.

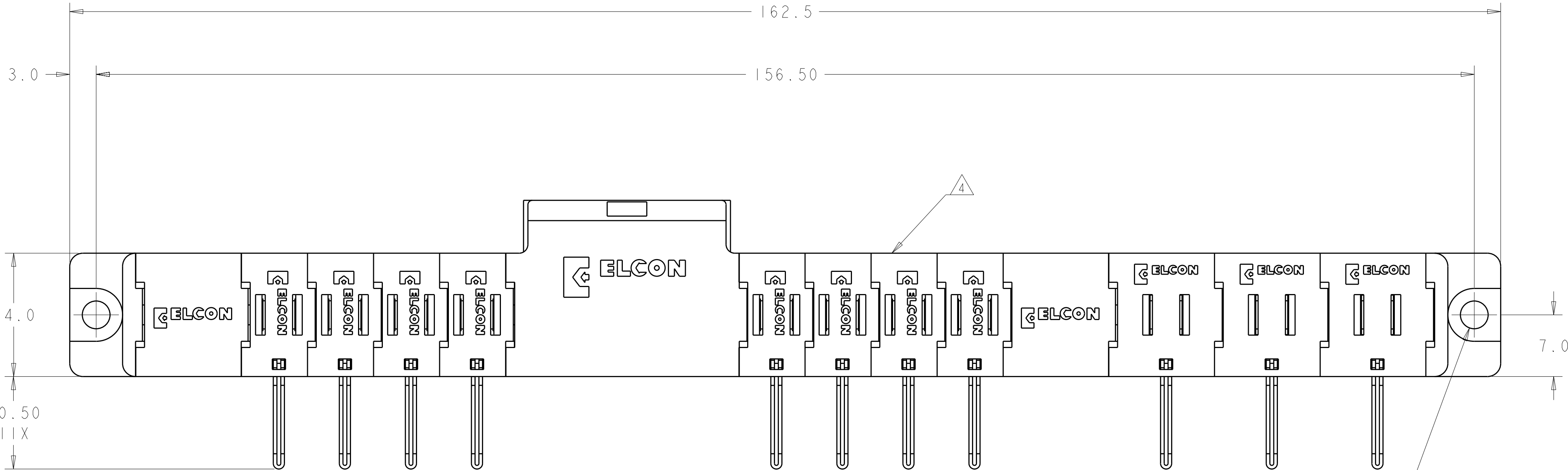
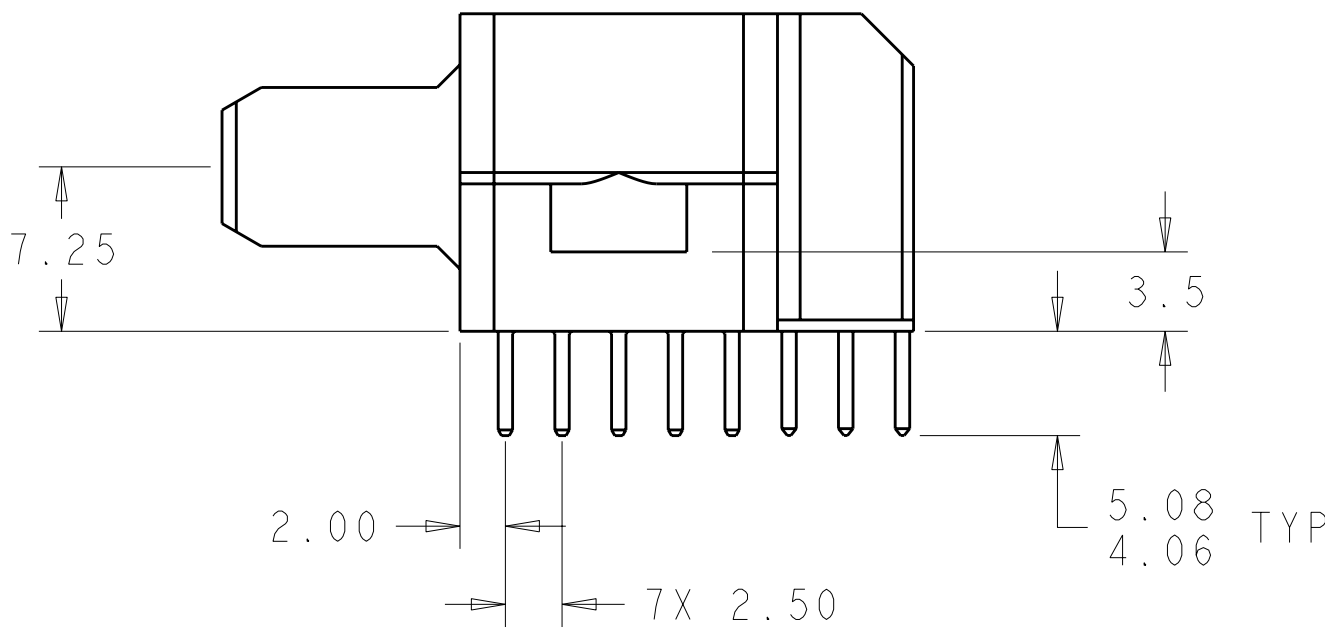
3 MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED)

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

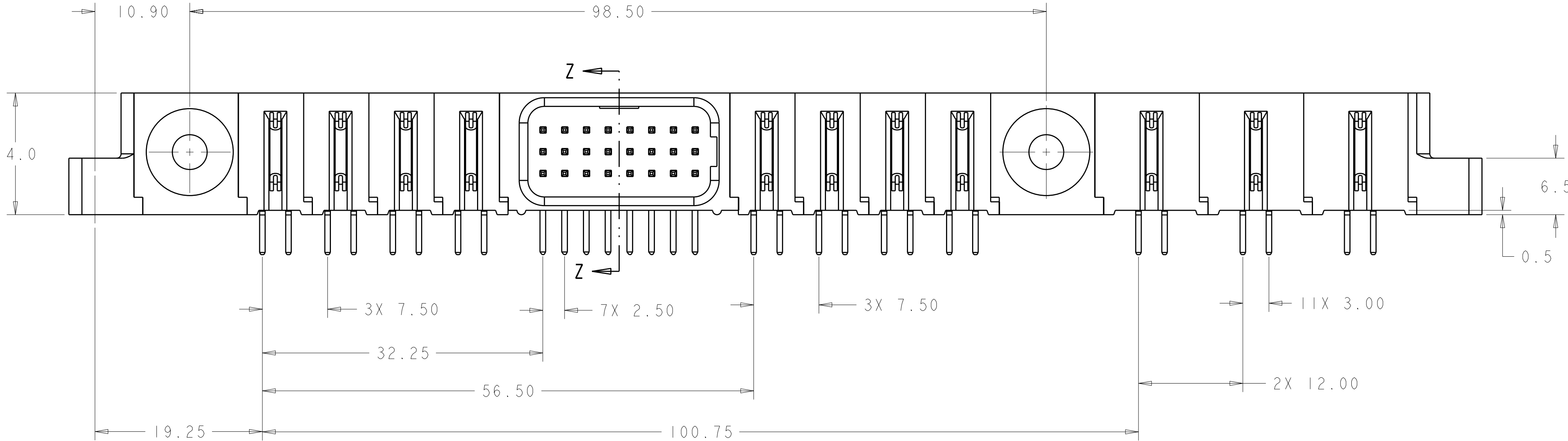
TE CONNECTIVITY P/N DATE CODE (e.g. 0106)
XXXXXXX-X XXXX
YEAR 1 WEEK



SECTION Z-Z



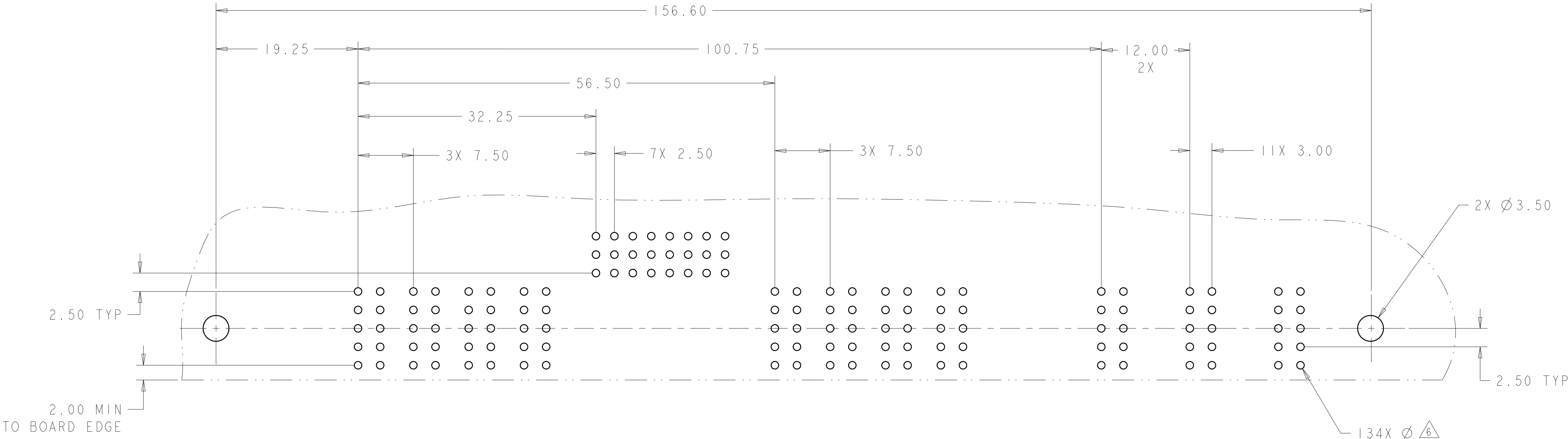
3 2XØ3.00 MIN
CLEARANCE HOLE



ELCON FLATPAQ

AS SHOWN		6648016-1	
DESCRIPTION		PART NUMBER	
DWN R.GRZYBOWSKI 17DEC08		Tyco Electronics Harrisburg, PA 17105-3608	
CHK P.DAMATO 17DEC08		NAME	
APVD M.PERCHEK 17DEC08		PRODUCT SPEC	
APPLICATION SPEC		SIZE	
114-13284		CAGE CODE	
WEIGHT		DRAWING NO	
CUSTOMER DRAWING		A100779C=6648016	
SCALE		3:1	
SHEET		1 OF 3	
REV		B	

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

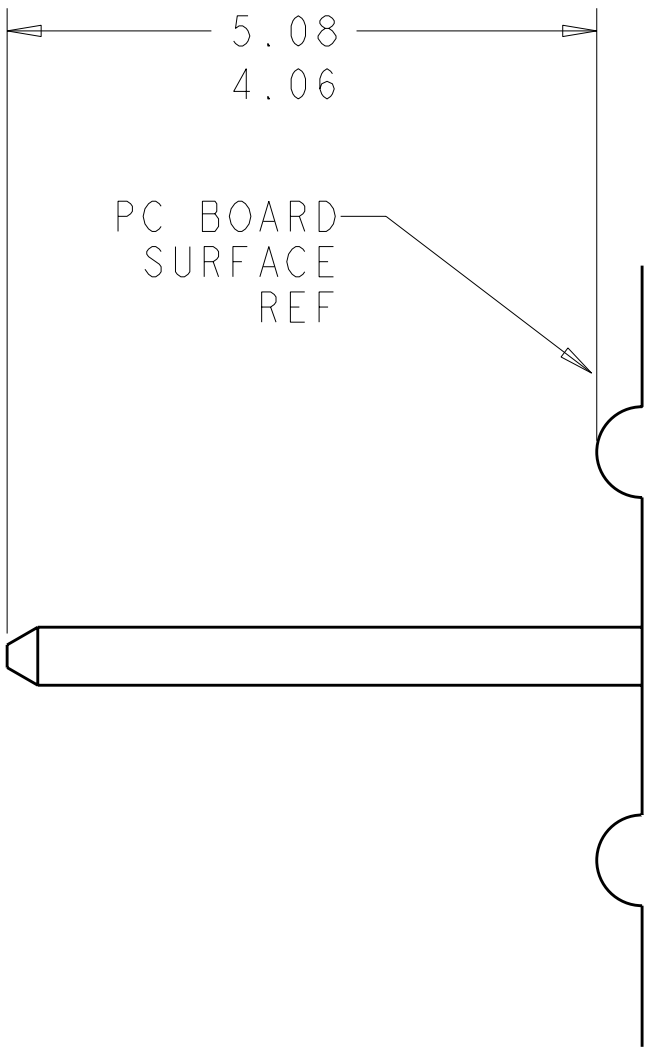


PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

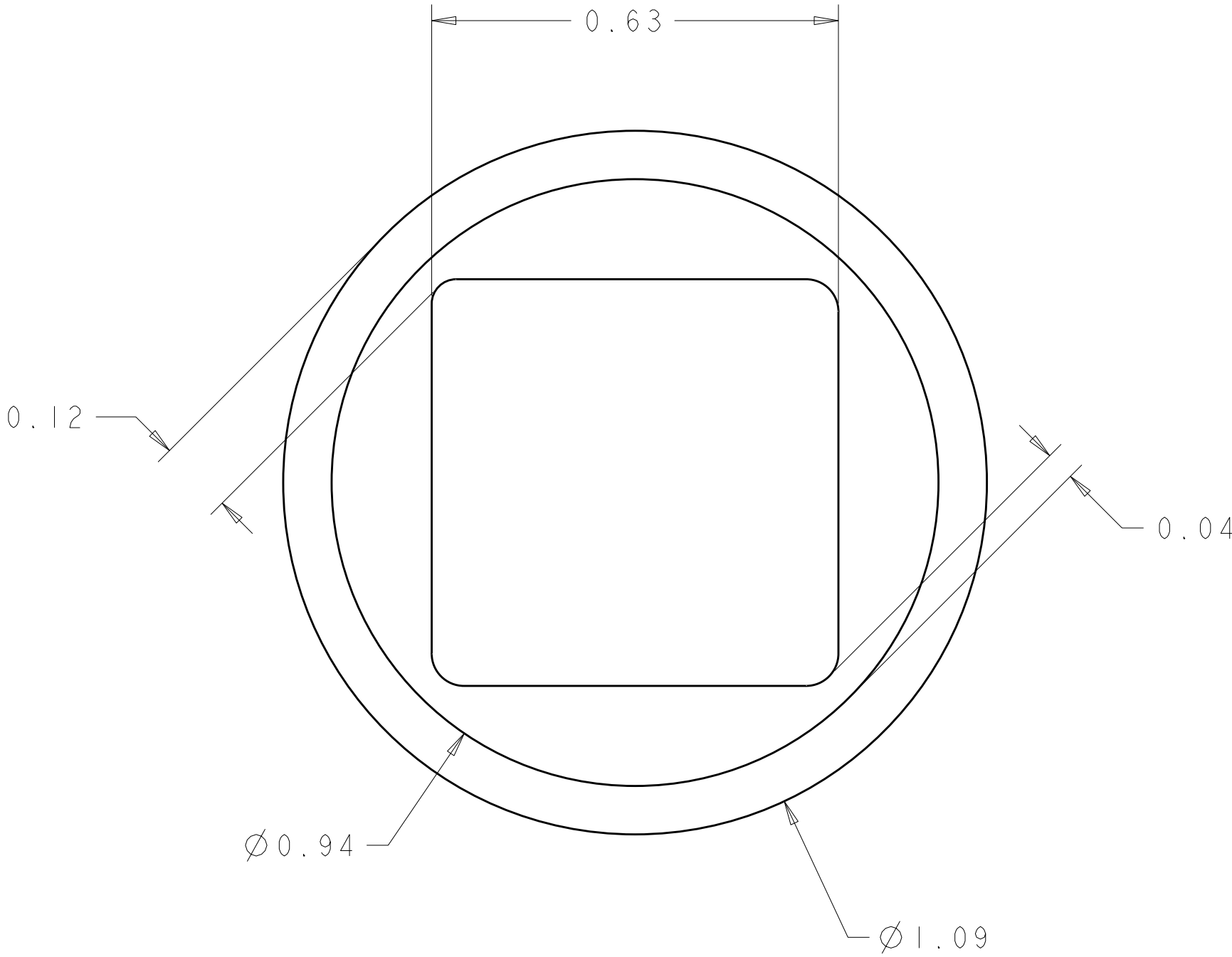
CONNECTOR	EQUIVALENT CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP105	8	8	16	1.25 X 7.00	35 amps	7.50	250 VOLTS
	FP121	3	8	6	1.25 X 7.00	35 amps	12.00	600 VOLTS
	FP302	1	22	48	.64 SQ.	3 amps	2.50	125 VOLTS
	FP506	2	GUIDE SOCKET					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					

TYPICAL DIMENSIONS TO CENTER OF CONTACT UNLESS OTHERWISE SPECIFIED		DWN R. GRZYBOWSKI 17DEC08	Tyco Electronics Harrisburg, PA 17105-3608	
CHK P. DAMATO 17DEC08		NAME	PIN CONNECTOR ASSEMBLY RIGHT ANGLE, SOLDER TAILS FLATPAQ	
APVD M. PERCHERKE 17DEC08		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
APPLICATION SPEC		114-13284	A100779C=6648016	
MATERIAL -		WEIGHT -	RESTRICTED TO	
FINISH -		CUSTOMER DRAWING	SCALE 3:1 SHEET 2 OF 3 REV B	

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



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

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		CHK P. DAMATO	17DEC08	NAME PIN CONNECTOR ASSEMBLY RIGHT ANGLE, SOLDER TAILS FLATPAQ		
		APVD M. PERCHERKE	17DEC08			
		PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		RESTRICTED TO
mm		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.5		114-13284		
		ANGLES ±.5		WEIGHT		
MATERIAL		FINISH		CUSTOMER DRAWING		
-		-		SCALE 3:1		SHEET 3 OF 3
						REV B