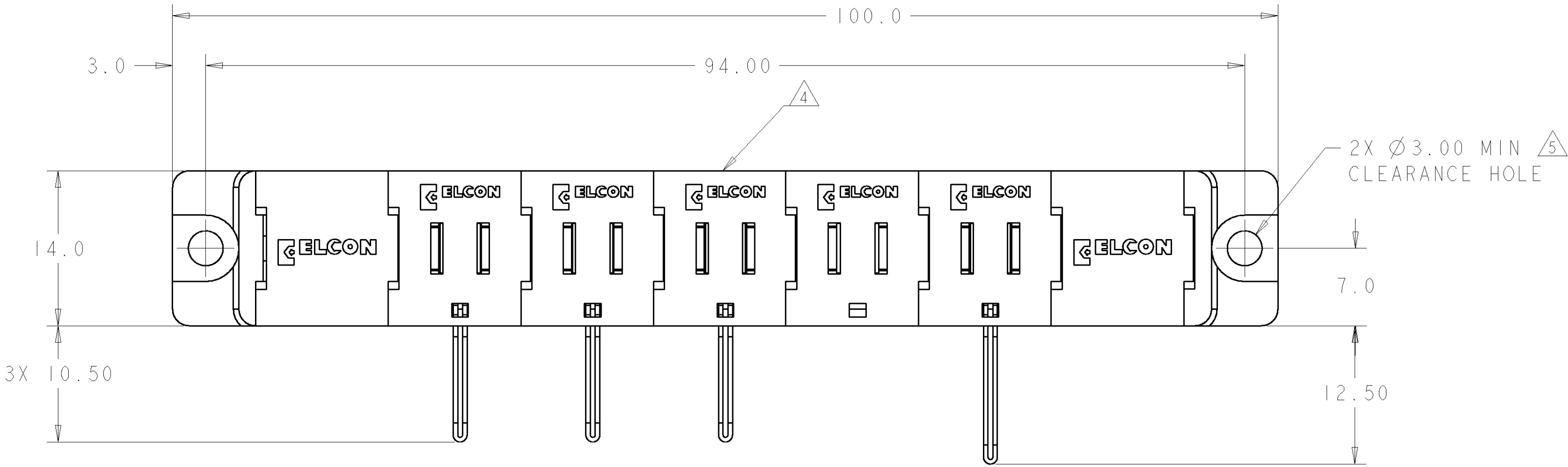


LOC		DIST		REVISONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		NEW RELEASE	25SEP2007	RG	SF



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 BAND-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.

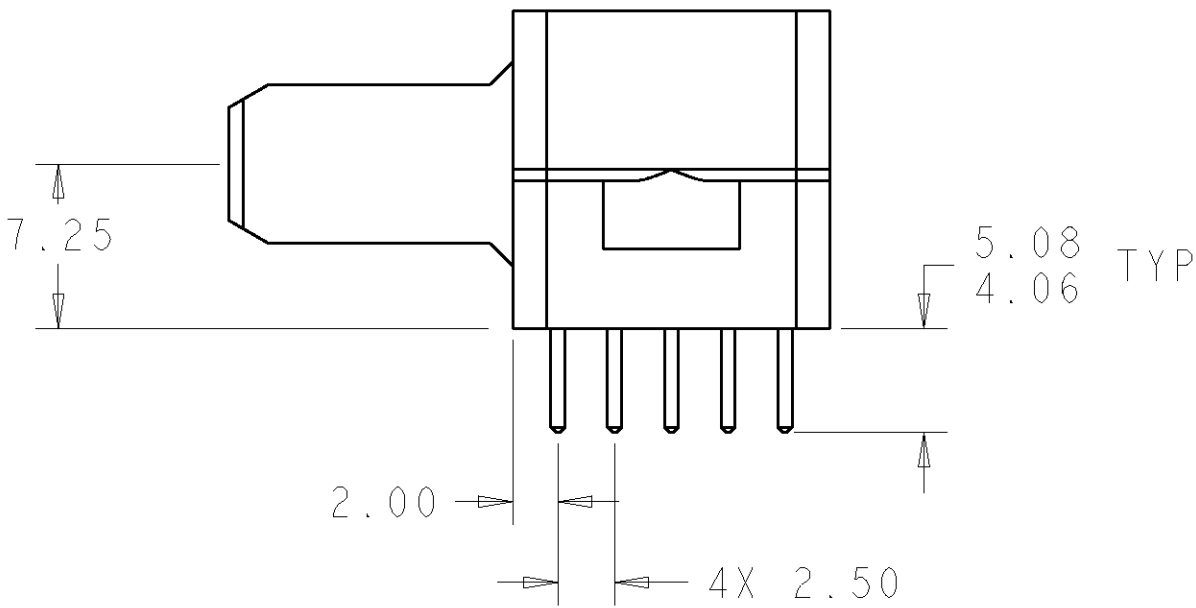
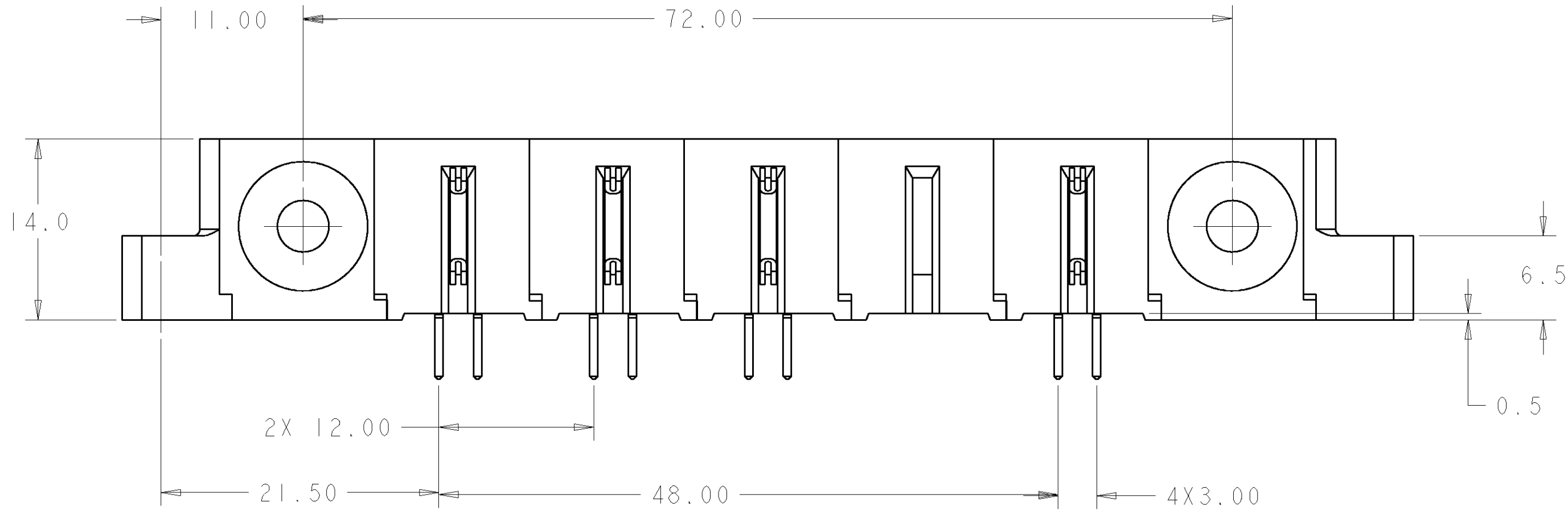
ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR 1 WEEK

TYCO ELECTRONICS P/N DATE CODE (e.g. 0T06)

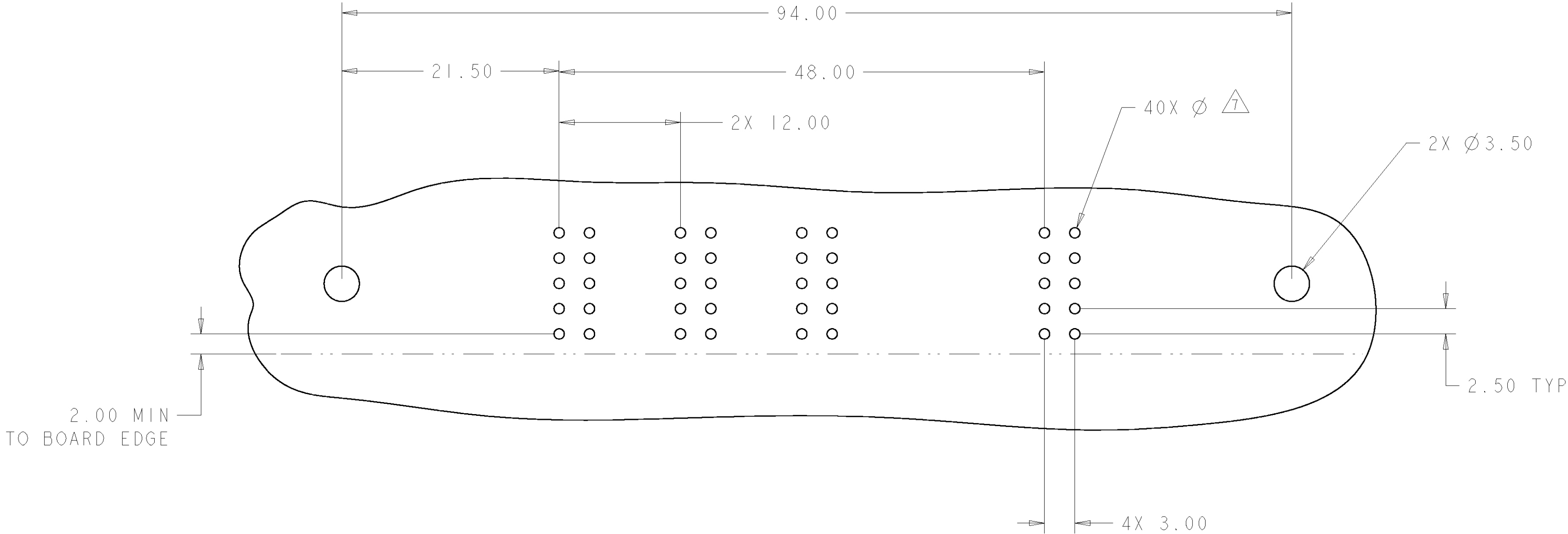
XXXXXXXX-X XXXX

MOUNTING FLANGE ACCEPTS M3 OR NO.4 SCREWS. (USER SUPPLIED)



AS SHOWN		6646724-1	
DESCRIPTION		PART NUMBER	
Tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
DWN R.GRZYBOWSKI 25SEP2007 CHK S.FLICKINGER 25SEP2007 APVD S.FLICKINGER 25SEP2007		NAME PIN CONNECTOR, RIGHT ANGLE, SOLDER TAIL FLATPAQ	
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.2 FINISH		PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	
MATERIAL		SIZE CAGE CODE DRAWING NO A100779C=6646724	
SCALE 3:1		SHEET 1 OF 3	
REV A		RESTRICTED TO	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI22	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	600 VOLTS
	FPI21	3	8	3	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	600 VOLTS
	FPI20	1	SPACER, 600V					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP506	2	GUIDE SOCKET, RIGHT ANGLE					

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DATE: 25SEP2007

BY: R.GRZYBOWSKI

APVD: S.FLICKINGER

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

25SEP2007

S.FLICKINGER

25SEP2007

S.FLICKINGER

NAME: PIN CONNECTOR, RIGHT ANGLE, SOLDER TAIL, FLATPAQ

SIZE: A | 00779

CAGE CODE: C=6646724

DRAWING NO: -

RESTRICTED TO: -

SCALE: 3:1

SHEET: 2

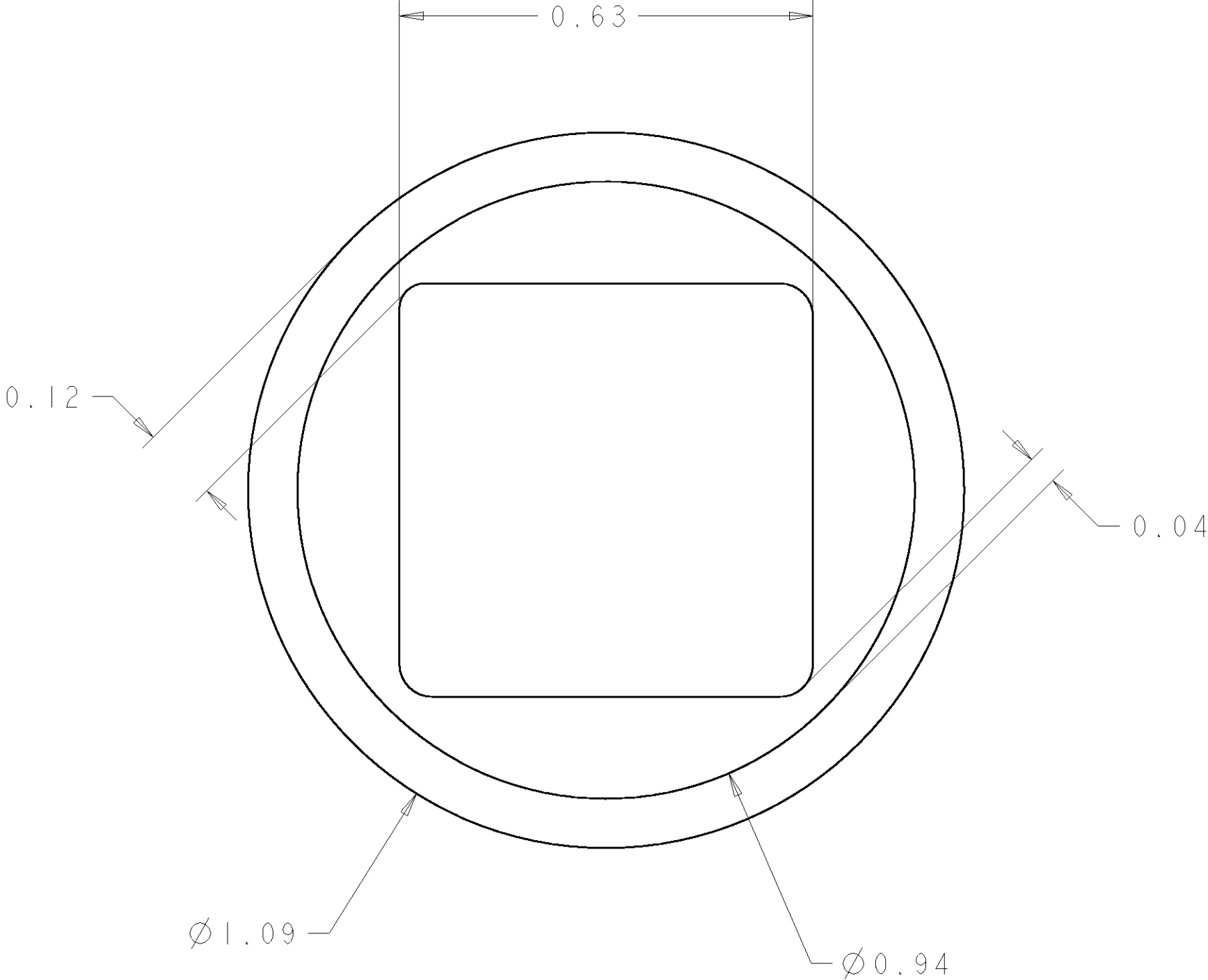
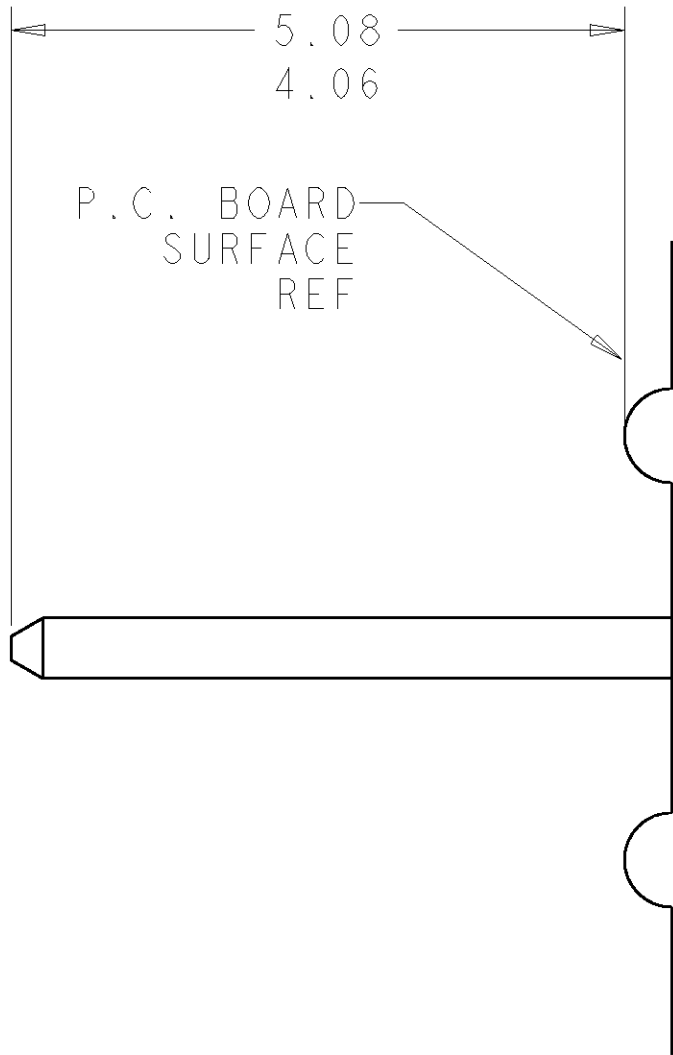
OF: 3

REV: A

Tyco Electronics

Harrisburg, PA 17105-3608

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



6. SOLDER PIN DETAIL
SCALE 10 : 1

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

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EHR S.FLICKINGER 25SEP2007		NAME	PIN CONNECTOR, RIGHT ANGLE, SOLDER TAIL FLATPAQ	
APVD S.FLICKINGER 25SEP2007		PRODUCT SPEC	SIZE	
APPLICATION SPEC		WEIGHT	A 00779 C=6646724	
MATERIAL -		CUSTOMER DRAWING	SCALE	3:1
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±2 FINISH -	SHEET	3 OF 3
RESTRICTED TO		REV	A	

Mouser Electronics

Authorized Distributor

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