

LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION		DATE	DWN	APVD
					A	RELEASED		17 JUL Y07	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:

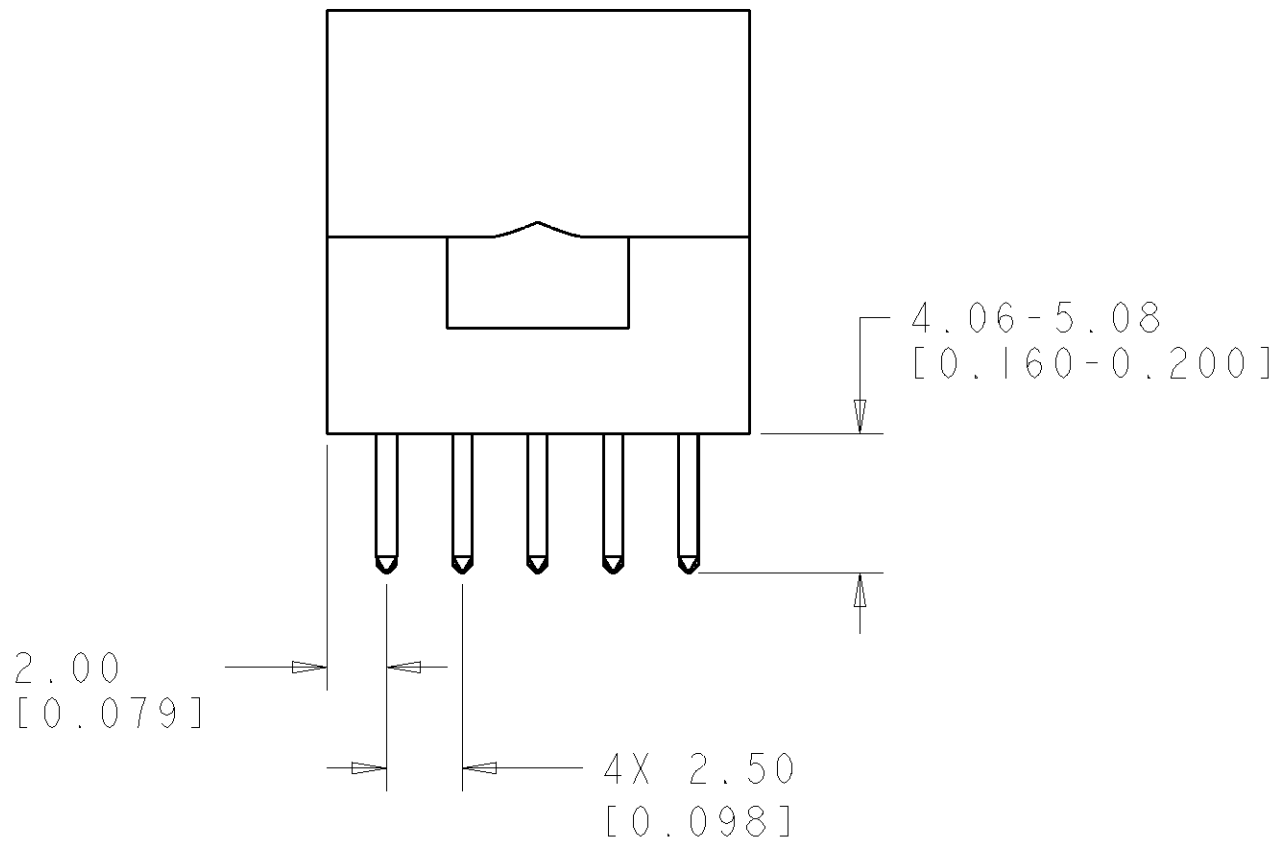
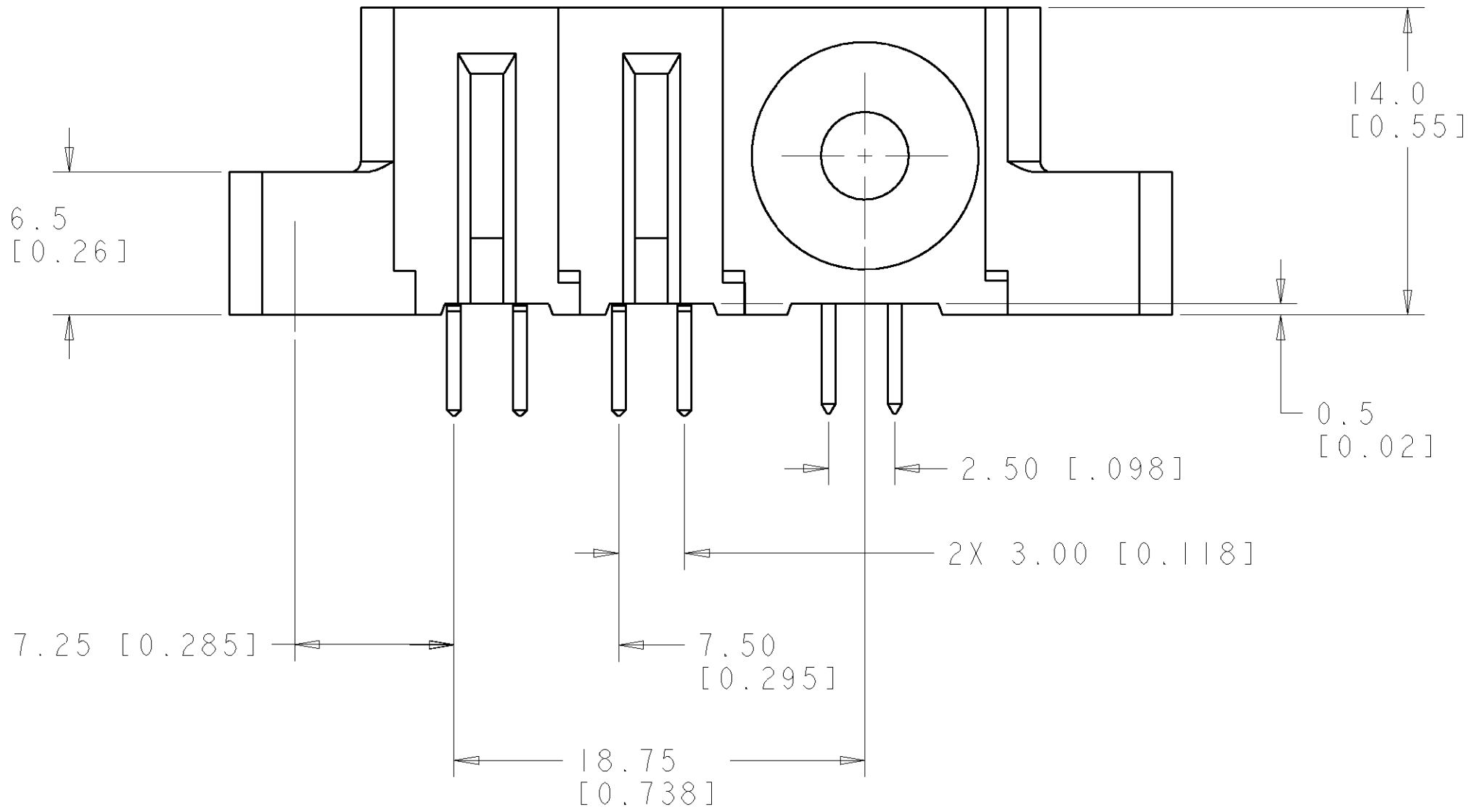
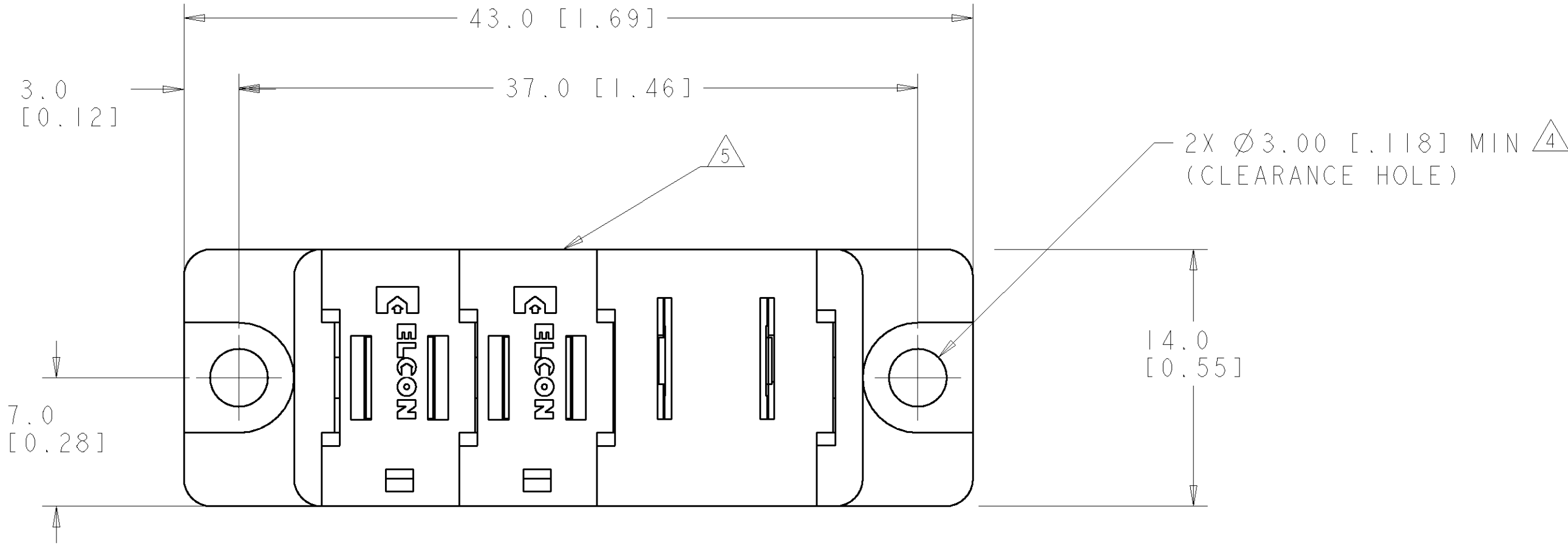
CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER NICKEL
1.27µm MIN. THK
SOLDER TAILS, TIN 3.05µm MIN. THK.
OVER NICKEL 1.27µm MIN THK.

- MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED)
- ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR 11 WEEK

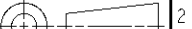
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

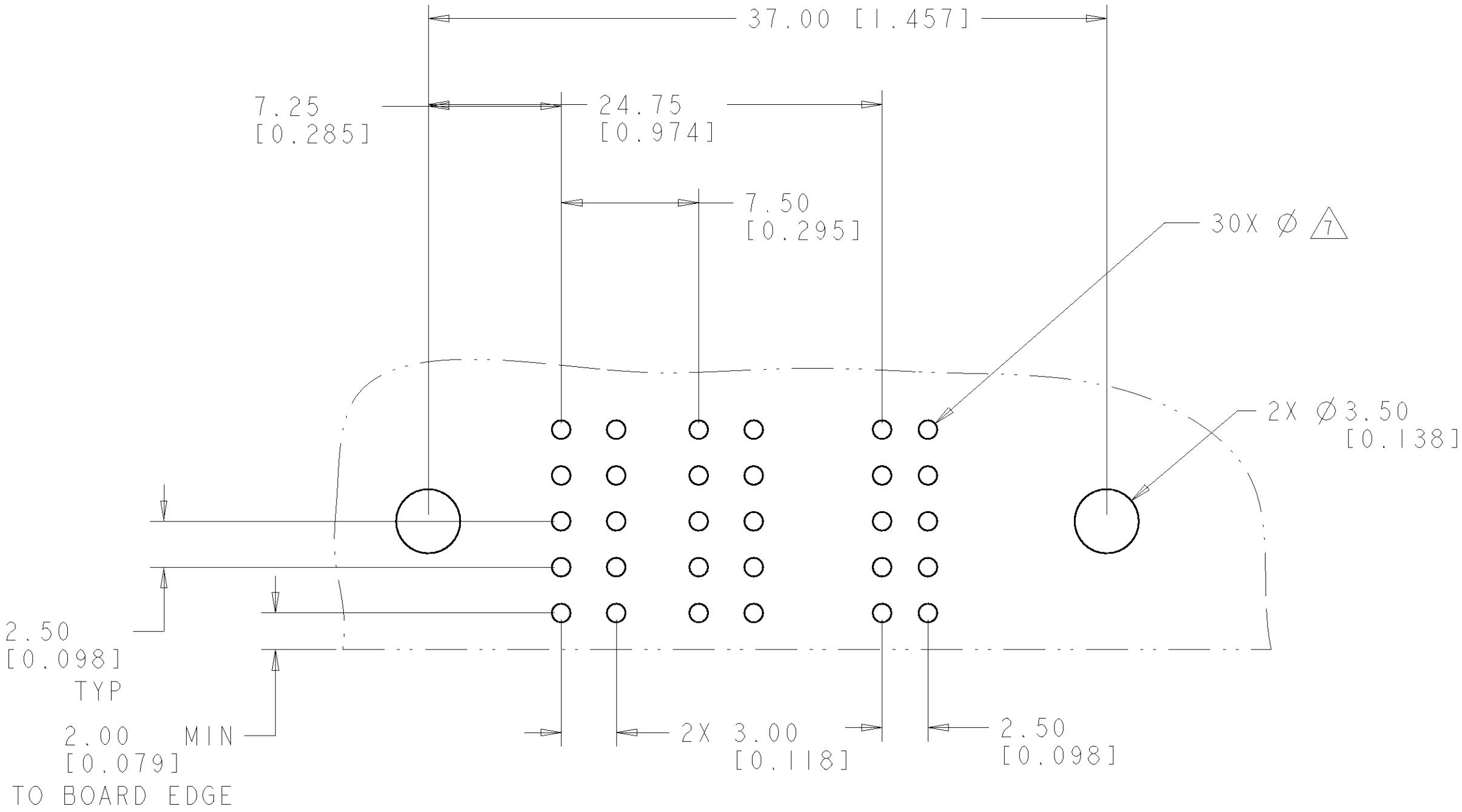


ELCON

FLATPAQ

THIS DRAWING IS A CONTROLLED DOCUMENT FOR THE ELECTRONIC EQUIPMENT COOPERATION IT IS SUBJECT TO EXPORT CONTROLS AND EXPORT ADMINISTRATION AND SHOULD BE CONTROLLED FOR THE LATEST VERSION.		DWN R. GRZYBOWSKI 17JULY07		Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ±.5 [.020] 2 PLC ±.25 [.010] 3 PLC ±.25 [.010] 4 PLC ±.25 [.010] ANGLES ±.5		SOCKET CONNECTOR, RIGHT ANGLE STANDARD SOLDER TAILS -	
MATERIAL -		FINISH -		SIZE CASE CODE DRAWING NO	
-		-		A 00779 ©=6648034	
CUSTOMER DRAWING		SCALE 3:1		SHEET 1 OF 3 REV A	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FPI04	2	4	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP516	1	1	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON FLATPAQ

IF IT IS NECESSARY TO CHANGE THE DRAWING, THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST NOTATION.

DIMENSIONS:
mm[INCHES]

MATERIAL
-

FINISH
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.25 [.010]
1 PLC ±.5 [.020]
2 PLC ±.25 [.010]
3 PLC ±.5
4 PLC ±.5
ANGLES ± 5

FINISH
-

DWN
R.GRZYBOWSKI
CHK
S.FLICKINGER
APVD
S.FLICKINGER

1/7JULY07
1/7JULY07
1/7JULY07

PRODUCT SPEC
APPLICATION SPEC

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
SOCKET CONNECTOR, RIGHT ANGLE
STANDARD SOLDER TAILS

SIZE
A

CAGE CODE
00779

DRAWING NO
6648034

RESTRICTED TO
-

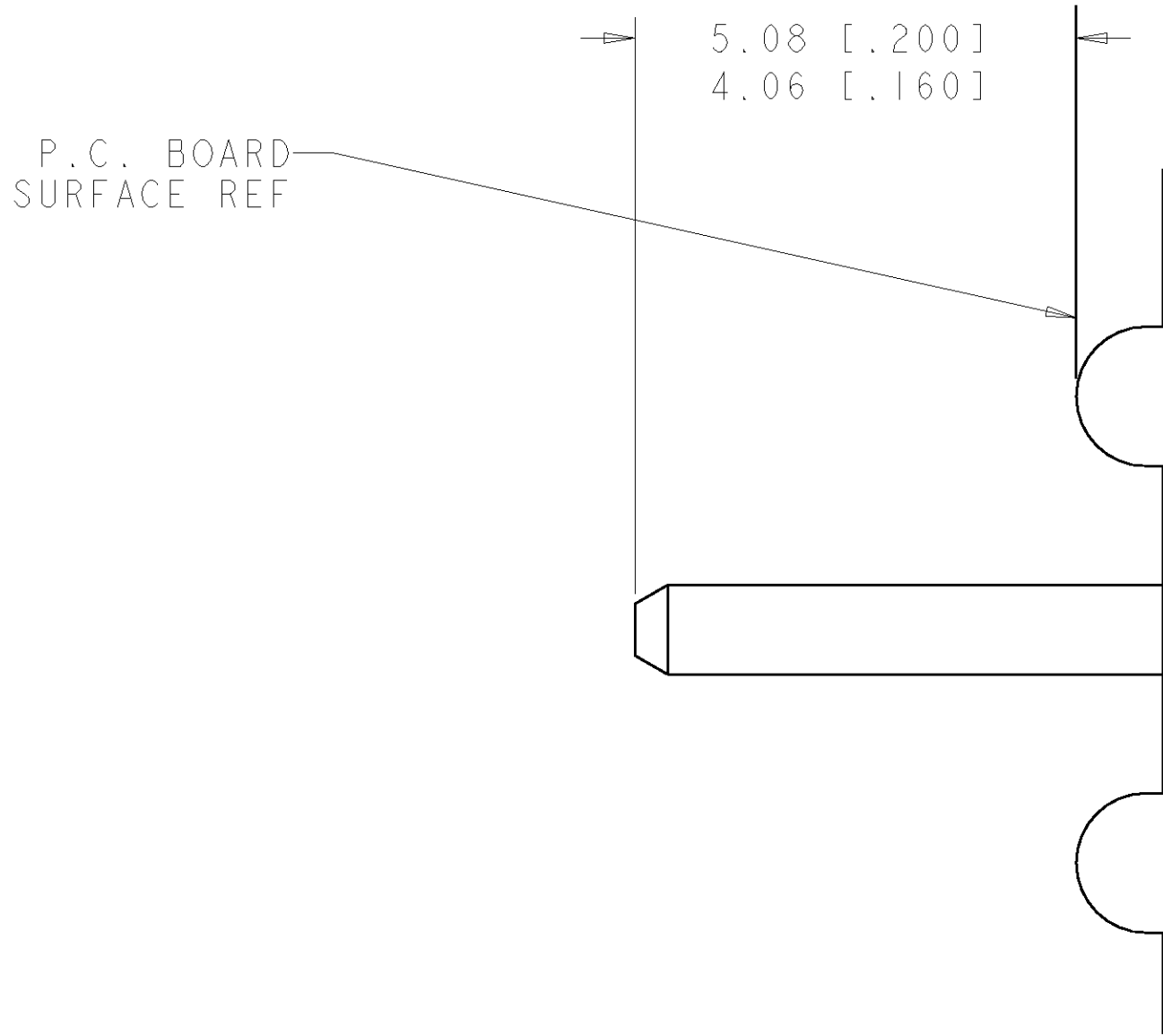
SCALE
3:1

SHEET
2

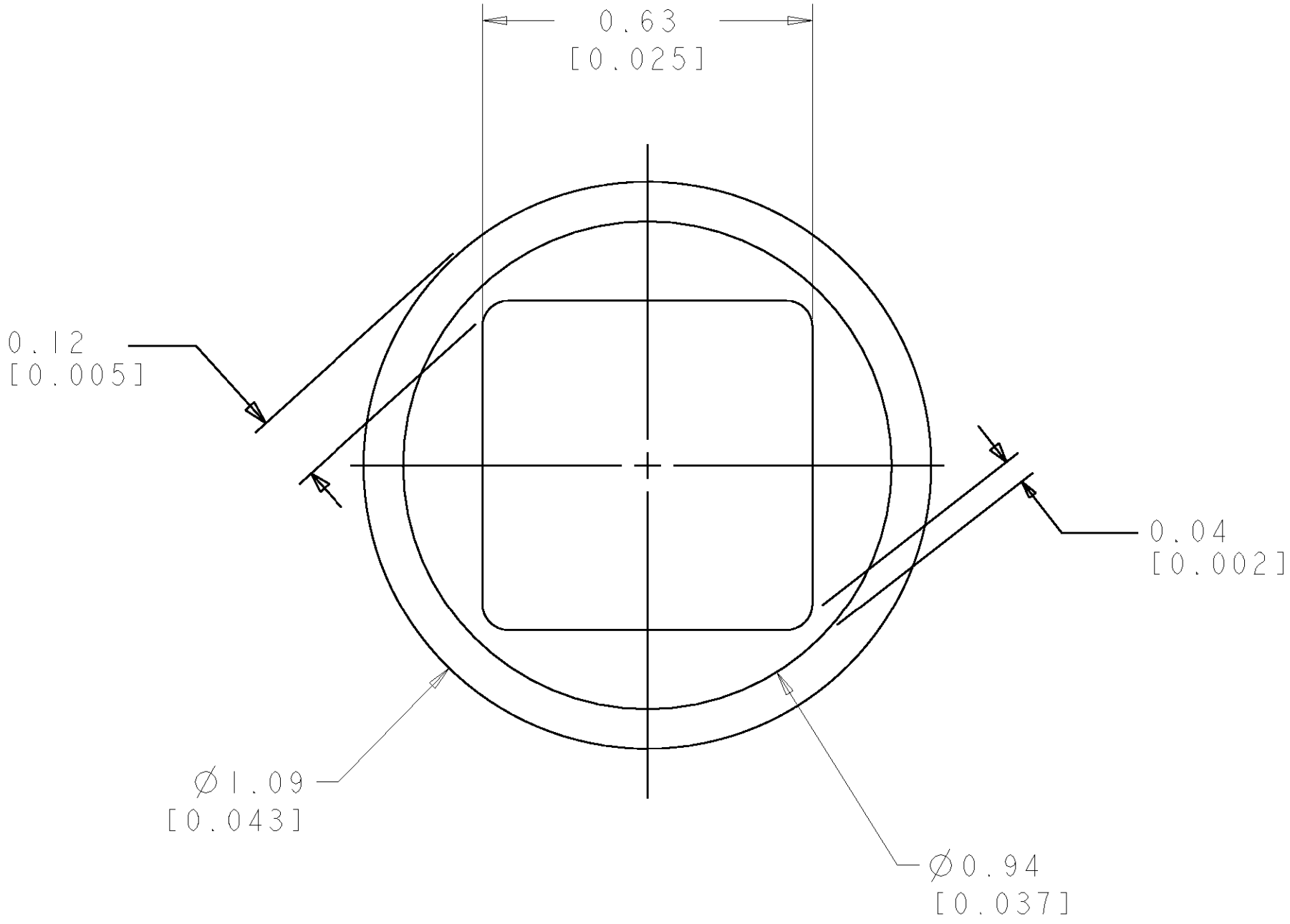
OF
3

REV
A

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 [0.040] ±.08 [0.003]
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025 [0.0010] MIN.
TIN PLATE: .008 [0.0003] MIN. (PER SURFACE)

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		CHK S.FLICKINGER	17JULY07		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 3 PLC ±.5 [0.020] 2 PLC ±.25 [0.010] 4 PLC ±.1 [0.005] ANGLES ± 5° FINISH -		NAME SOCKET CONNECTOR, RIGHT ANGLE STANDARD SOLDER TAILS	
MATERIAL -		WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 3:1		SHEET 3 OF 3	
				REV A	

Mouser Electronics

Authorized Distributor

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[6648034-1](#)