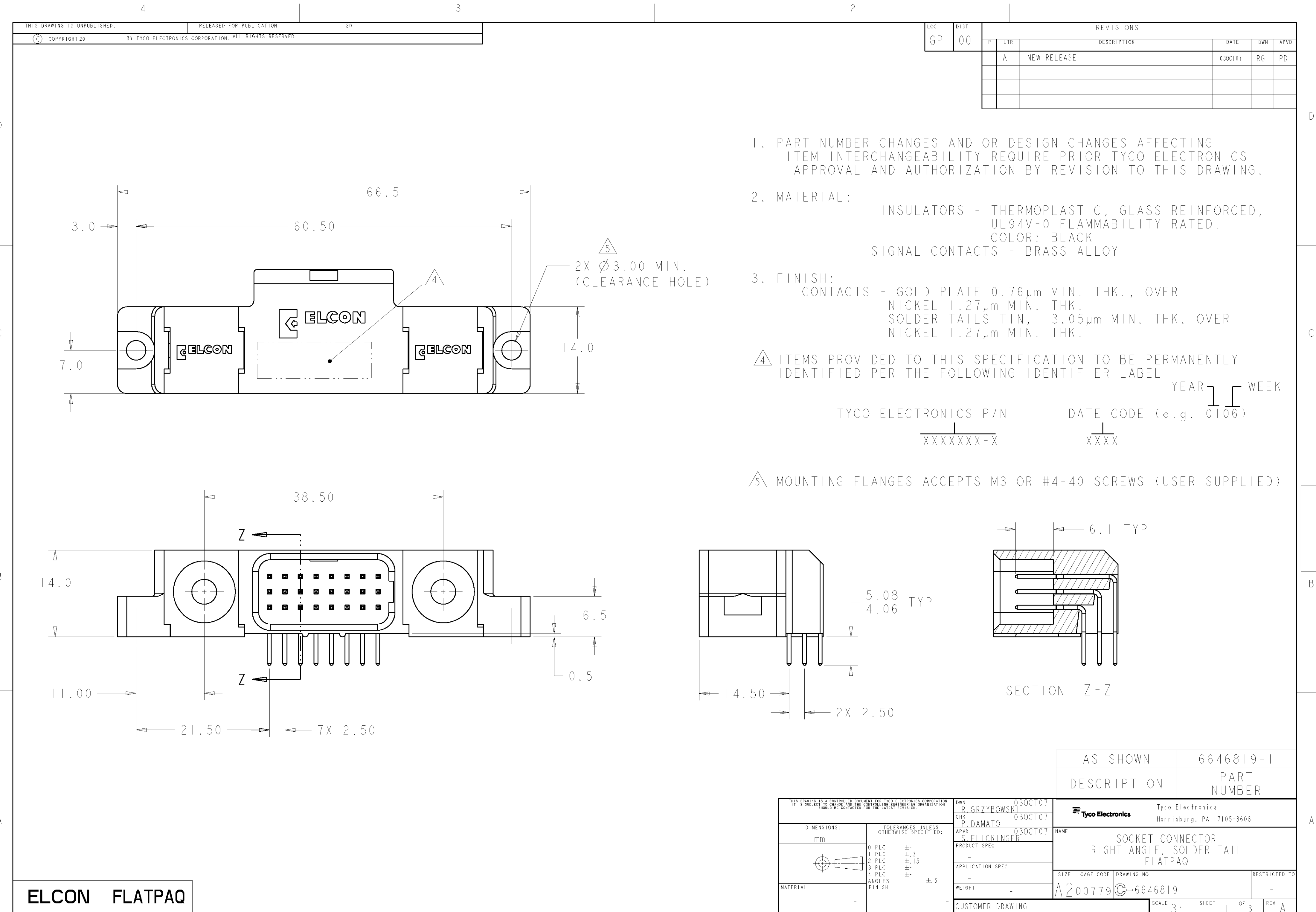




1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, UL94V-0 FLAMMABILITY RATED.
COLOR: BLACK
SIGNAL CONTACTS - BRASS ALLOY

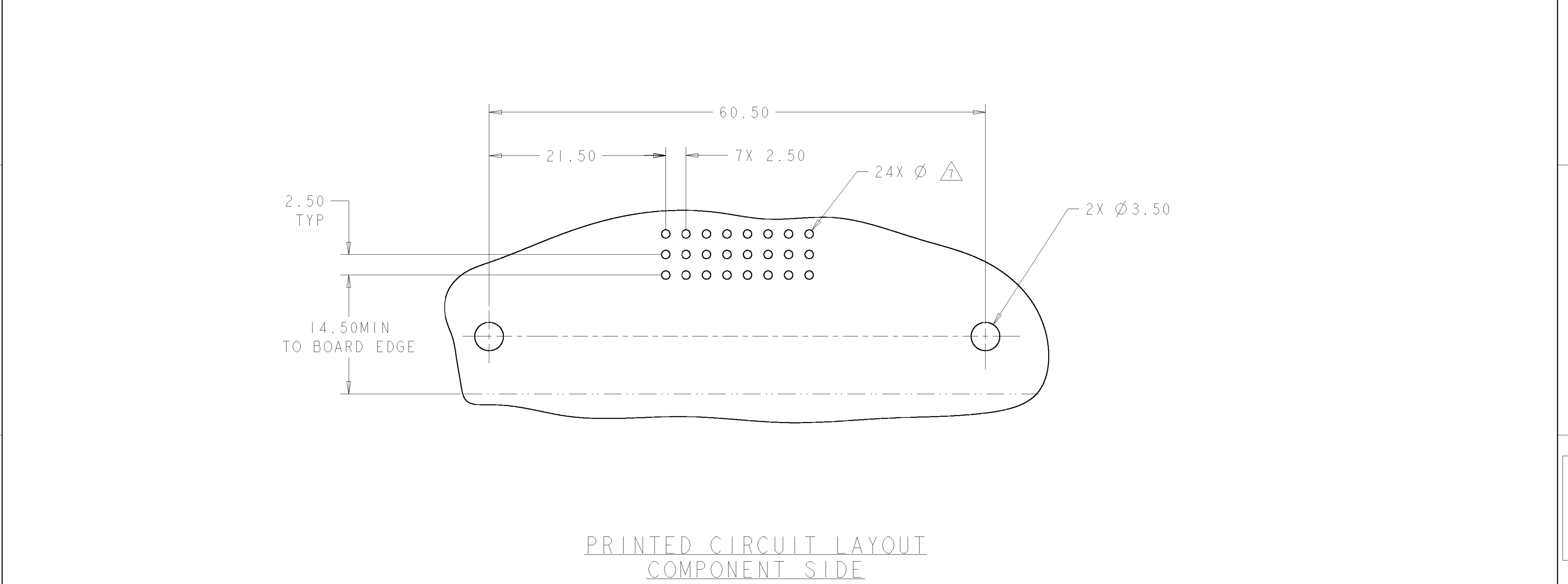
3. FINISH:
CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK.
SOLDER TAILS TIN, 3.05µm MIN. THK. OVER NICKEL 1.27µm MIN. THK.

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

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

5. MOUNTING FLANGES ACCEPTS M3 OR #4-40 SCREWS (USER SUPPLIED)

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 CHK P. DAMATO APVD S. FLICKINGER	03OCT07 03OCT07 03OCT07
DIMENSIONS: mm		PRODUCT SPEC	-
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±.3 2 PLC ±.15 3 PLC ±. 4 PLC ±. ANGLES ±.5 FINISH		APPLICATION SPEC	-
MATERIAL		WEIGHT	-
-		CUSTOMER DRAWING	-
AS SHOWN		6646819-1	
DESCRIPTION		PART NUMBER	
Tyco Electronics Harrisburg, PA 17105-3608		NAME SOCKET CONNECTOR RIGHT ANGLE, SOLDER TAIL FLATPAQ	
SIZE A2	CAGE CODE 00779	DRAWING NO 6646819	RESTRICTED TO -
SCALE 3:1		SHEET 1	OF 3
		REV A	



CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP302	1	22	1	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP506	2	RIGHT ANGLE GUIDE SOCKET					
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

ELCON

FLATPAQ

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IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.3

1 PLC ±.3

2 PLC ±.15

3 PLC ±.1

4 PLC ±.1

ANGLES ±.5

FINISH

-

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

03OCT07
03OCT07
03OCT07

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
SOCKET CONNECTOR
RIGHT ANGLE, SOLDER TAIL
FLATPAQ

SIZE
A2

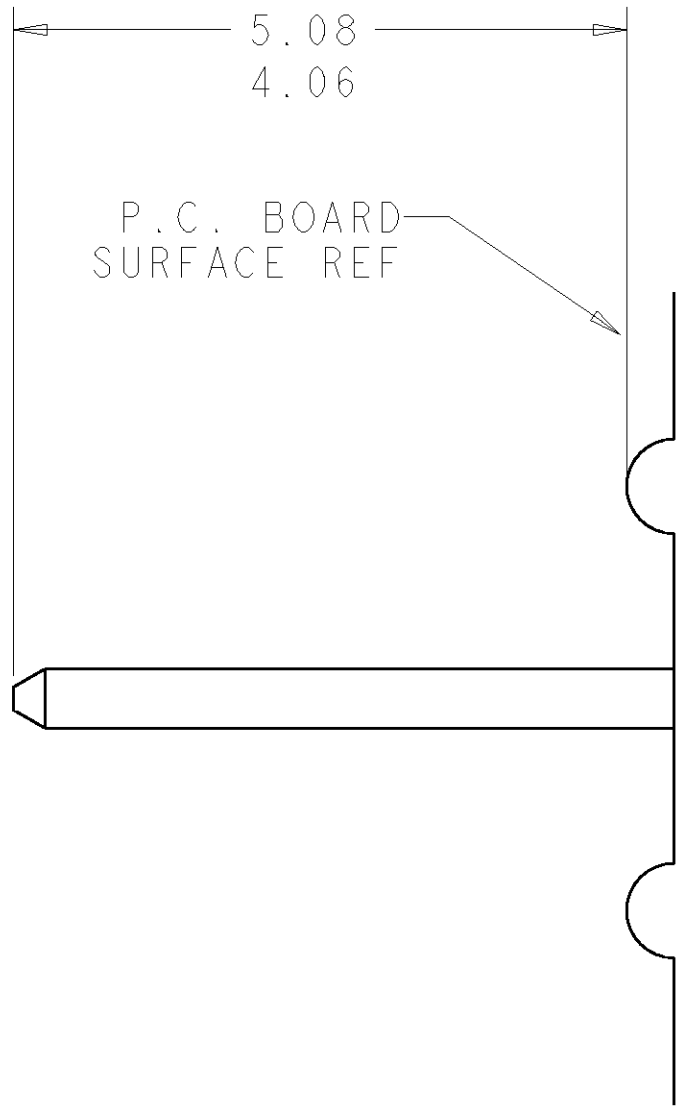
CAGE CODE
00779

DRAWING NO.
6646819

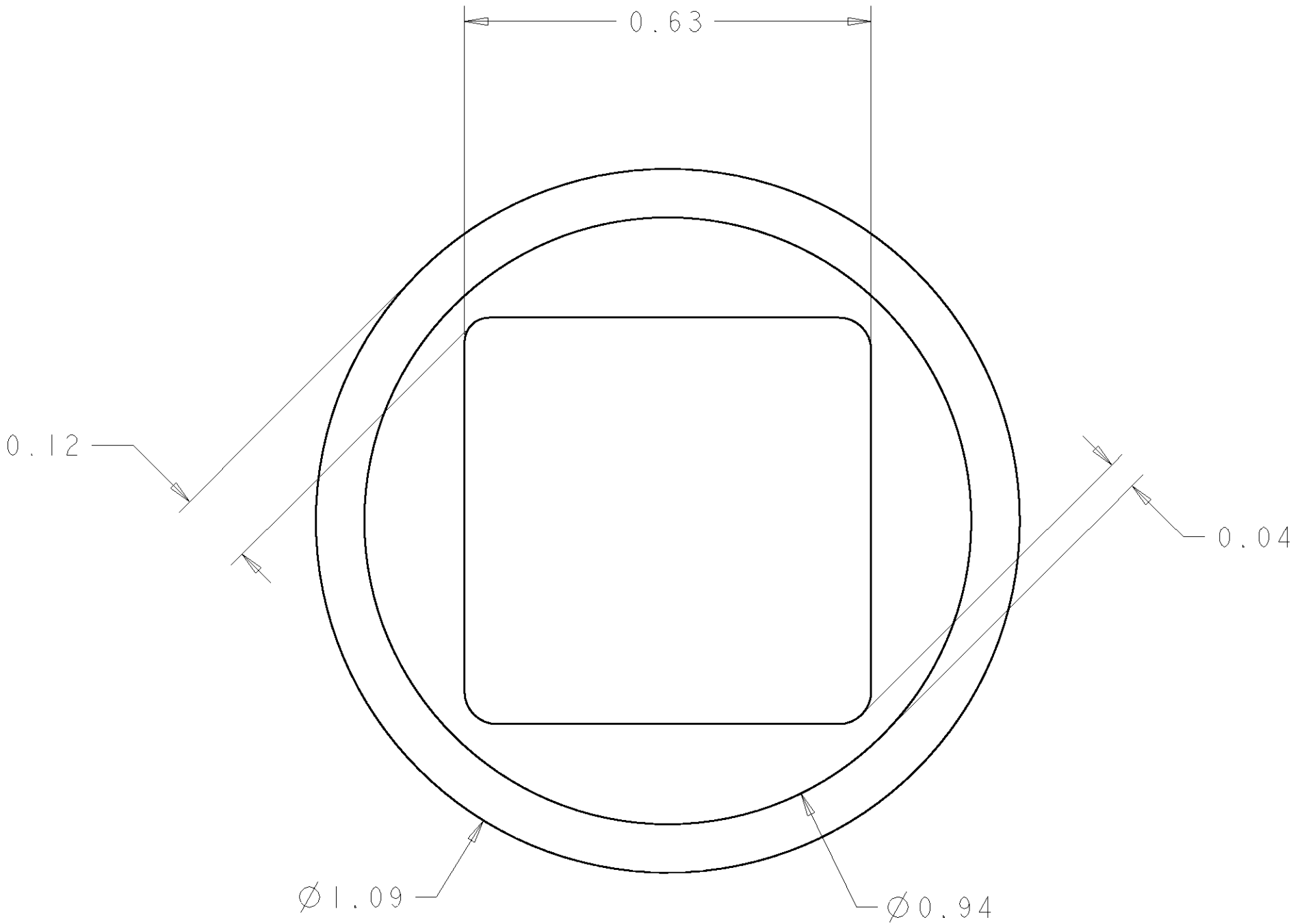
RESTRICTED TO
-

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 TAIL DETAIL
SCALE 10 : 1



SOLDER TERMINATION 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. (PER SURFACE)
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET CONNECTOR RIGHT ANGLE, SOLDER TAIL FLATPAQ	
		0 PLC ±.3 1 PLC ±.3 2 PLC ±.15 3 PLC ±.15 4 PLC ±.15 ANGLES ±.5 FINISH		SIZE A200779	
MATERIAL -		- CUSTOMER DRAWING		DRAWING NO C-6646819	
				RESTRICTED TO -	
				SCALE 3:1 SHEET 3 OF 3 REV A	