



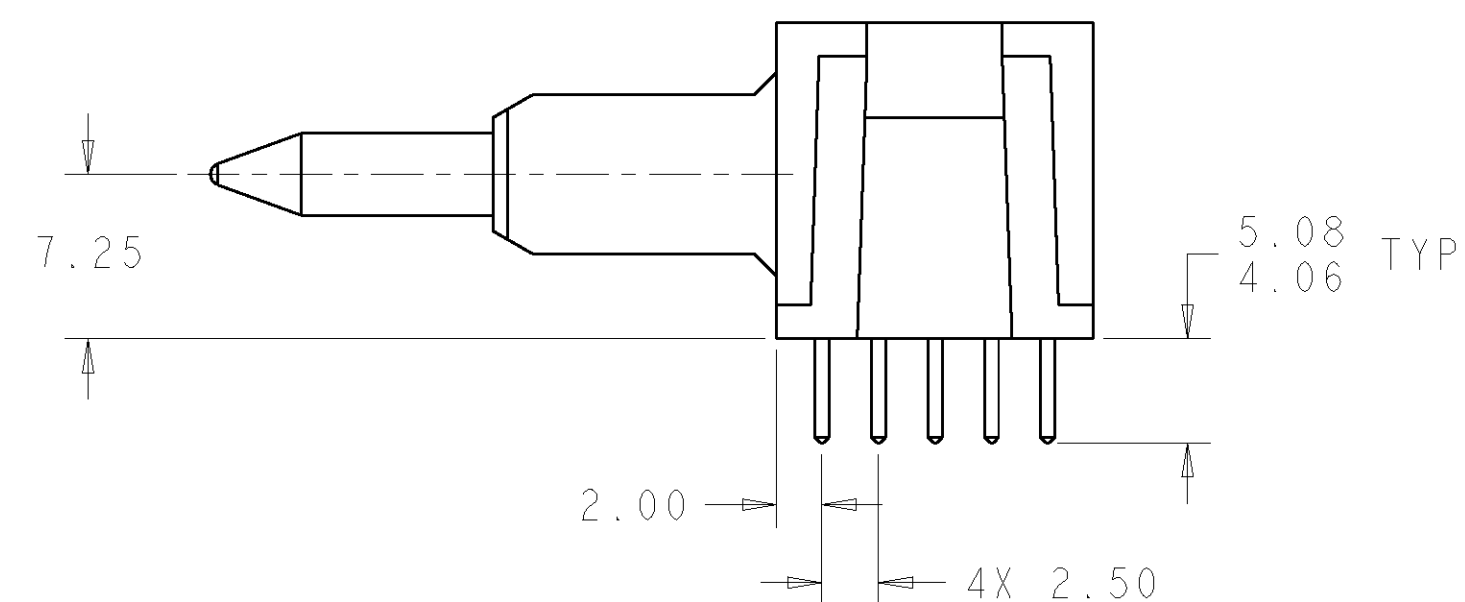
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
GUIDE PIN - BRASS ALLOY
POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY
CROWN BANDS: BERYLLIUM COPPER ALLOY

CONTACTS - GOLD PLATE 0.76 μ m MIN. THK., OVER
NICKEL 1.27 μ m MIN. THK.
SOLDER TAILS, TIN 3.05 μ m MIN. THK. OVER
NICKEL 1.27 μ m MIN. THK.
GUIDE PIN - NICKEL 1.27 μ m MIN THK.

YEAR WEEK

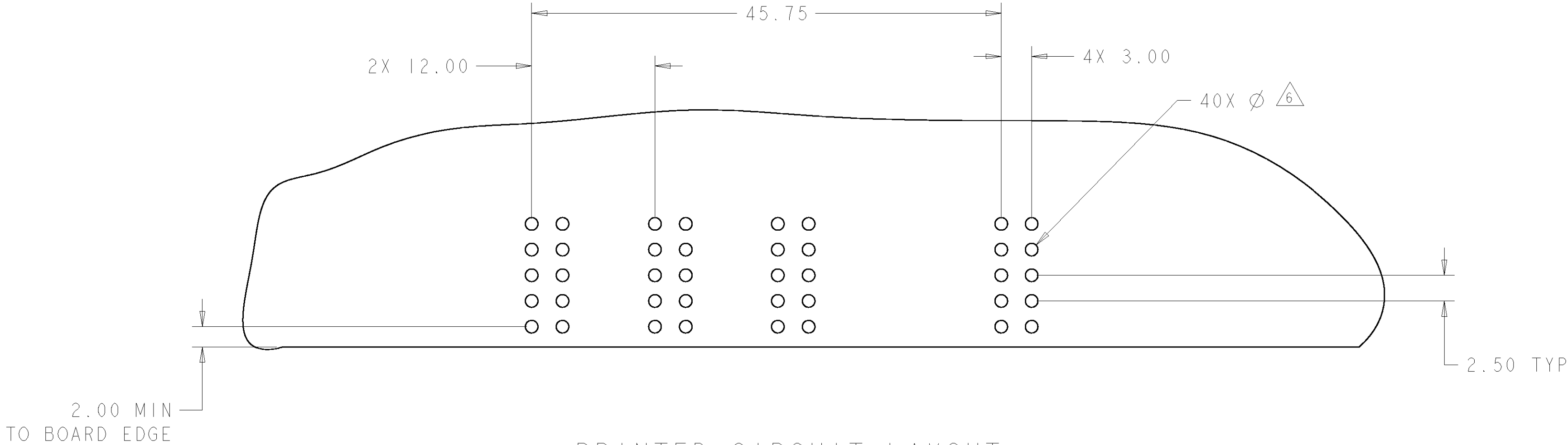
DATE CODE (e.g. 0106)

XXXX



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 23 JUL 2007 R. GRZYBOWSKI CHK 23 JUL 2007 P. DAMATO APVD 23 JUL 2007 S. FLICKINGER		Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS FLATPAQ	
		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±1			
MATERIAL -		FINISH -		SIZE A2	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-6646779	
				RESTRICTED TO -	
				SCALE 3:1 SHEET 1 OF 3 REV A	

LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	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	FP123	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [1.2953]	600
	FP121	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [1.2953]	250
	FP122	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [1.2953]	250
	FP507	1	RIGHT ANGLE GUIDE PIN					

ELCON FLATPAQ

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SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5
1 PLC ±.5
2 PLC ±.25
3 PLC ±.
4 PLC ±.
ANGLES ±.
FINISH -

DWN
R. GRZYBOWSKI
23JUL2007

CHK
P. DAMATO
23JUL2007

APVD
S. FLICKINGER
23JUL2007

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
PIN CONNECTOR, RIGHT ANGLE
SOLDER TAILS
FLATPAQ

SIZE
A200779

CAGE CODE
C-6646779

DRAWING NO
-

RESTRICTED TO
-

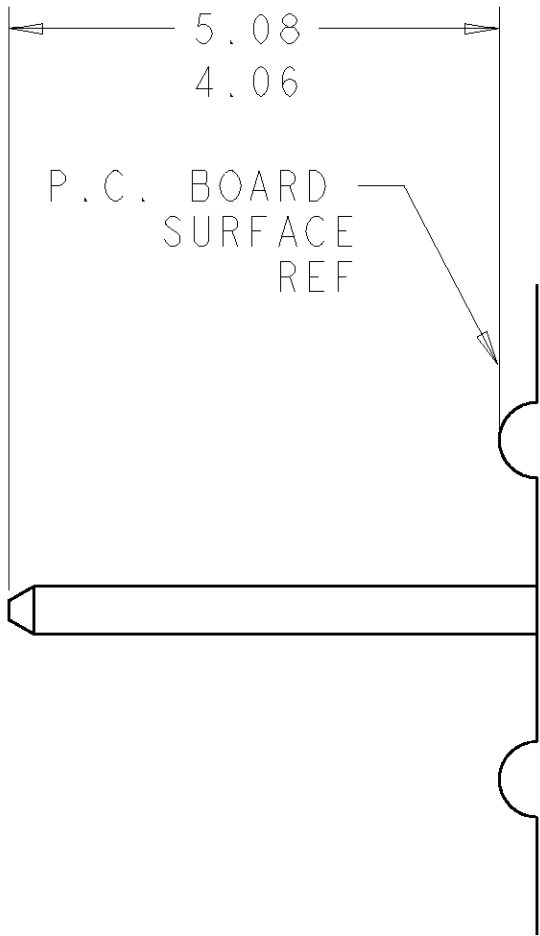
SCALE
3:1

SHEET
2

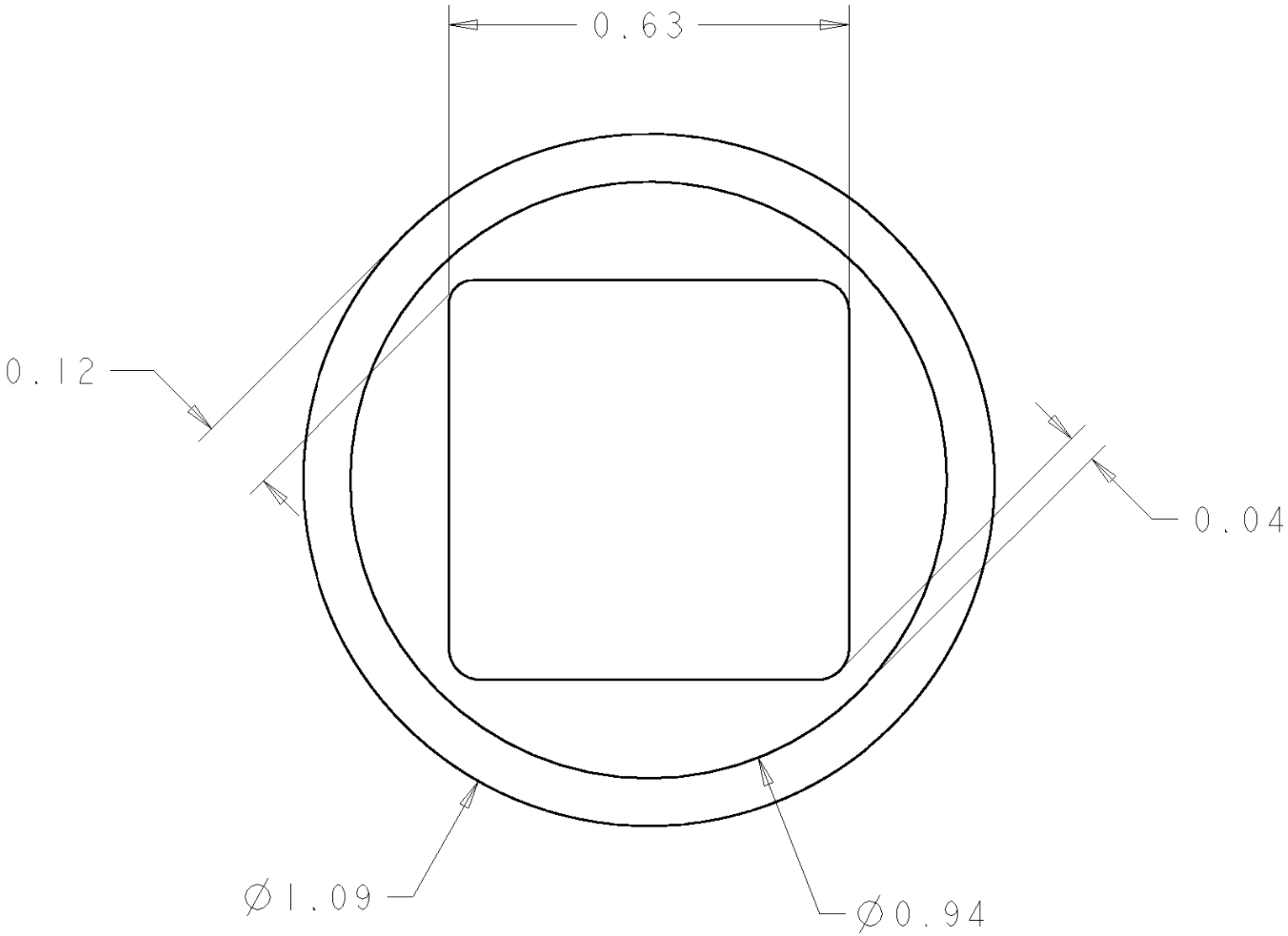
OF
3

REV
A

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



5. SOLDER PIN DETAIL
SCALE 10 : 1



6. SOLDER TERMINATION AREA
SCALE 40:1

RECOMMENDED PRINTED CIRCUIT 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)