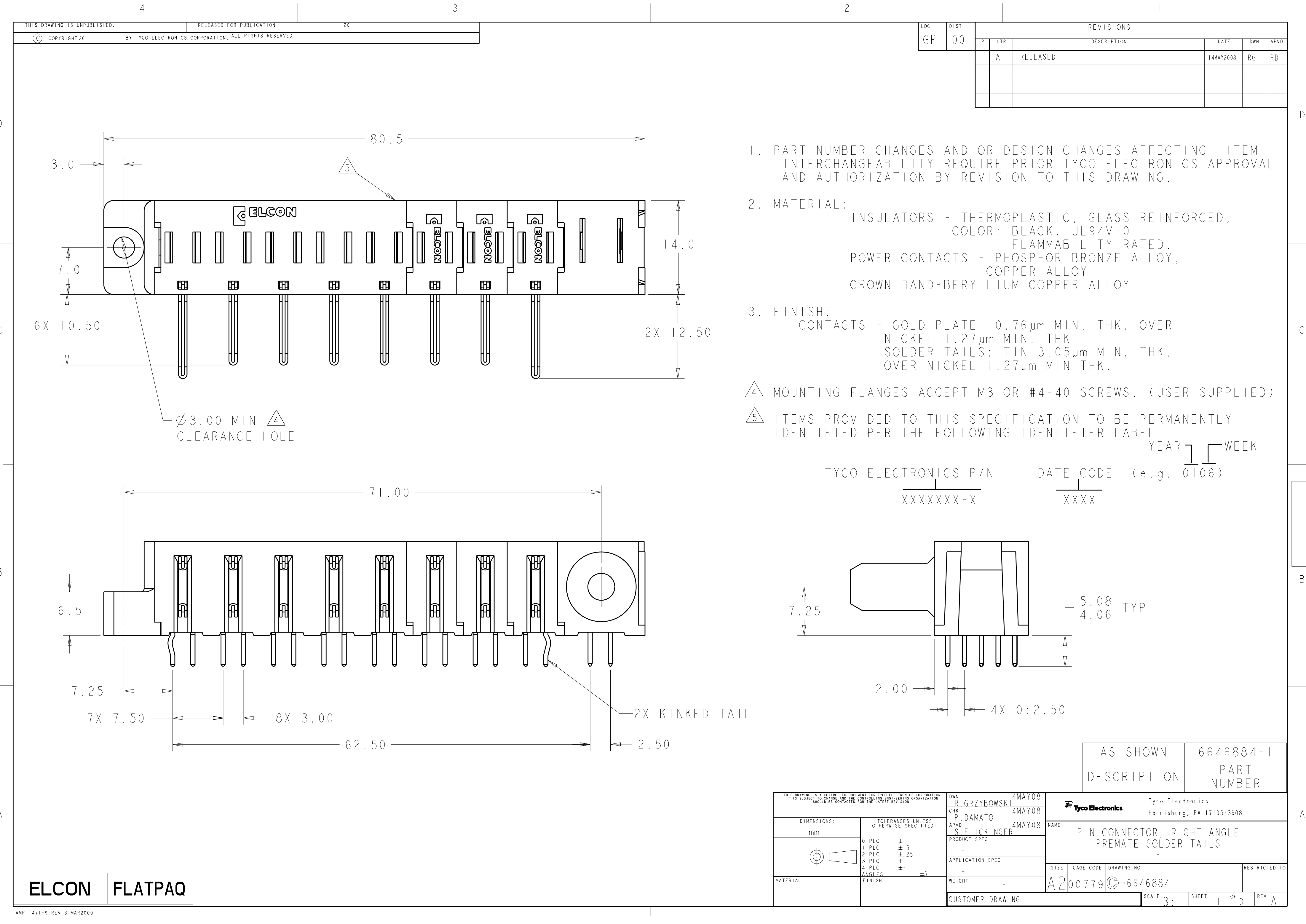




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© COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.					
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	14MAY2008	RG	PD

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.

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

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

YEAR 1 WEEK

TYCO ELECTRONICS P/N
XXXXXXXX-X

DATE CODE (e.g. 0106)
XXXX

7.25

2.00

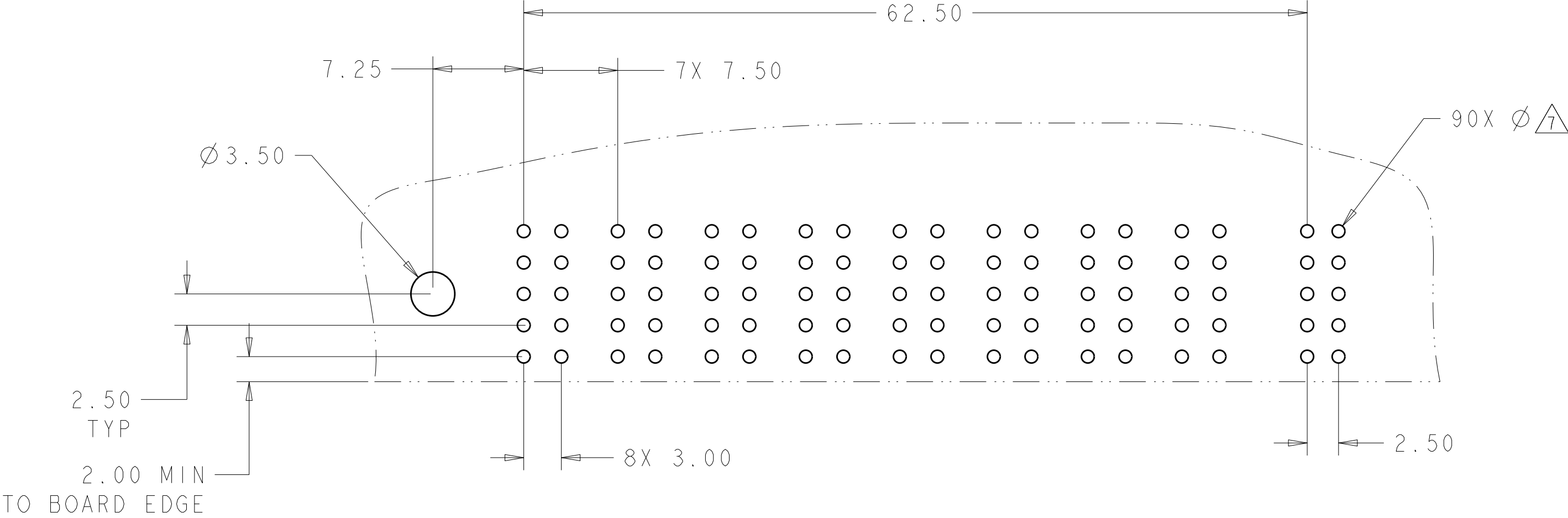
4X 0:2.50

5.08
4.06 TYP

AS SHOWN		6646884-1	
DESCRIPTION		PART NUMBER	
Tyco Electronics		Tyco Electronics	
Harrisburg, PA 17105-3608		Harrisburg, PA 17105-3608	
NAME		PIN CONNECTOR, RIGHT ANGLE PREMATE SOLDER TAILS	
SIZE		A200779C-6646884	
CAGE CODE		-	
DRAWING NO		-	
RESTRICTED TO		-	
CUSTOMER DRAWING		SCALE 3:1	
SHEET 1		OF 3	
REV A			

AMP 1471-9 REV 31MAR2000

Pro/ENGINEER DRAWING



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
PIN	FP152	2	2	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP151	6	6	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP516	2	2	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				

ELCON FLATPAQ

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DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN

R. GRZYBOWSKI

14MAY08

CHK

P. DAMATO

14MAY08

APVD

S. FLICKINGER

14MAY08

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics

Harrisburg, PA 17105-3608

NAME

PIN CONNECTOR, RIGHT ANGLE
PREMATE SOLDER TAILS

SIZE

A2

CAGE CODE

00779

DRAWING NO

6646884

RESTRICTED TO

-

SCALE

3:1

SHEET

2

OF

3

REV

A

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

D

D

C

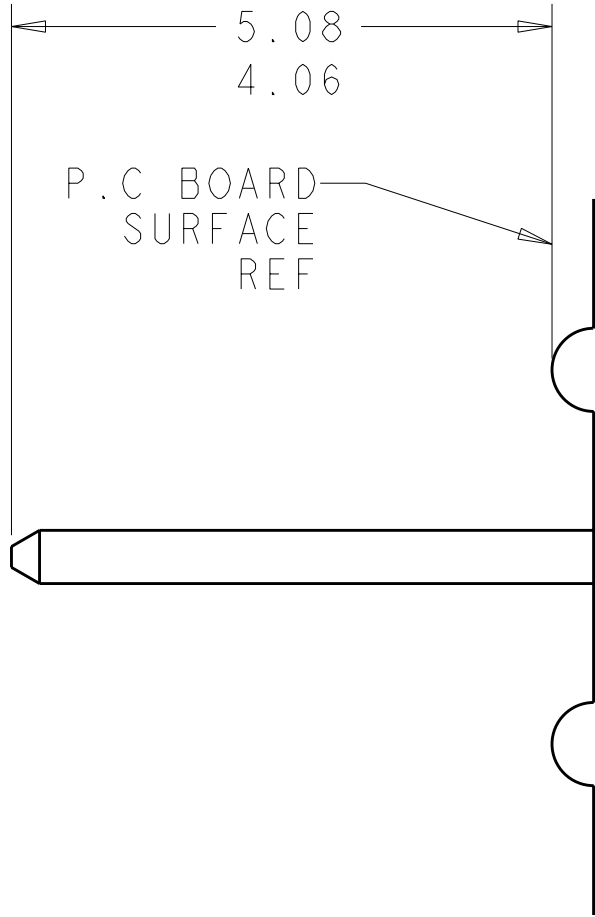
C

B

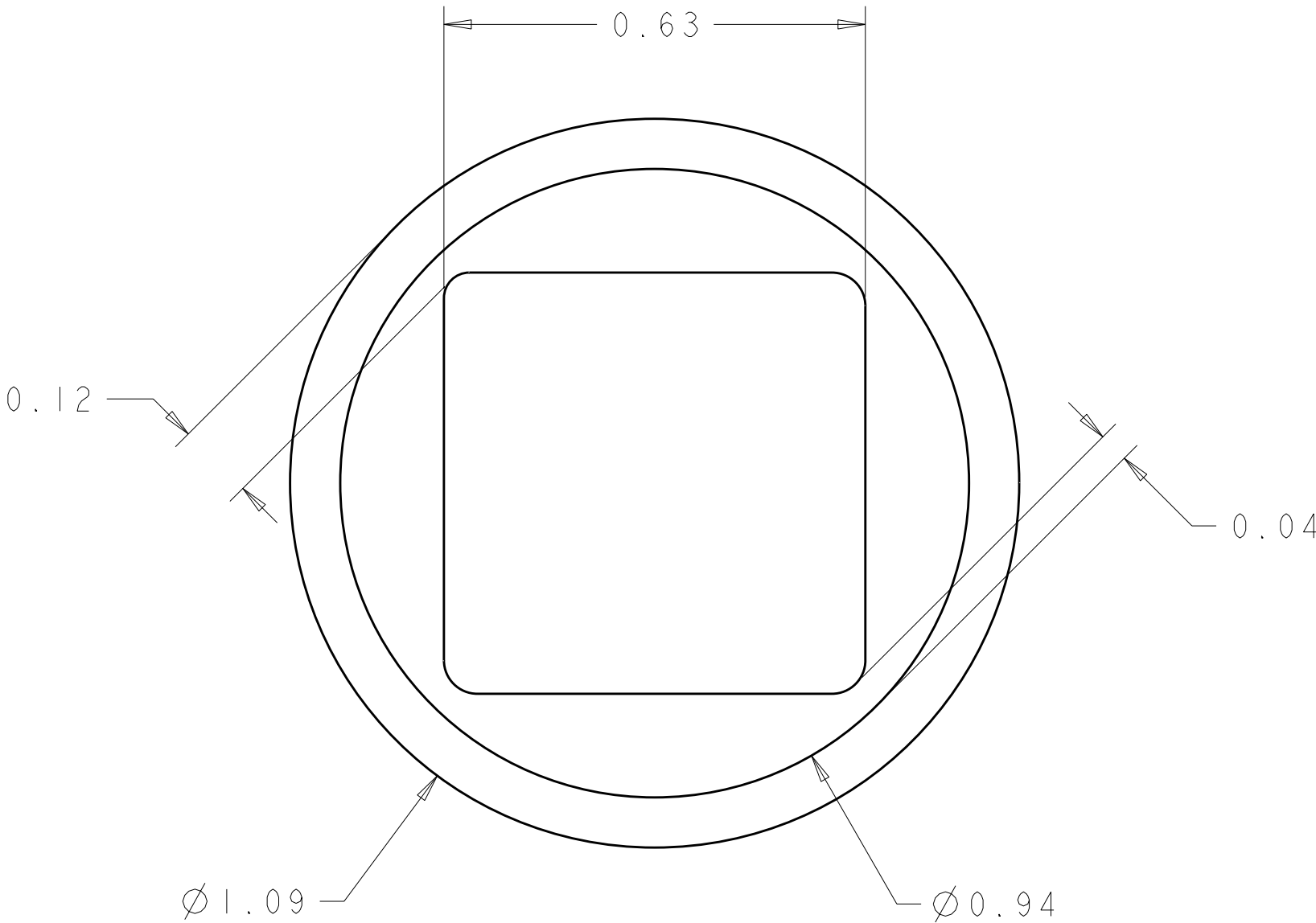
B

A

A



6. SOLDER PIN DETAIL
SCALE 10:1



7 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)

ELCON

FLATPAQ

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 14MAY08	Tyco Electronics Harrisburg, PA 17105-3608		
DIMENSIONS: mm		CHK P. DAMATO 14MAY08			
		APVD S. FLICKINGER 14MAY08	NAME PIN CONNECTOR, RIGHT ANGLE PREMATE SOLDER TAILS		
		PRODUCT SPEC			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE A200779		
0 PLC ±.5 1 PLC ±.25 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±5 FINISH		WEIGHT	DRAWING NO C-6646884		
-		CUSTOMER DRAWING	RESTRICTED TO -		
			SCALE 3:1 SHEET 3 OF 3 REV A		