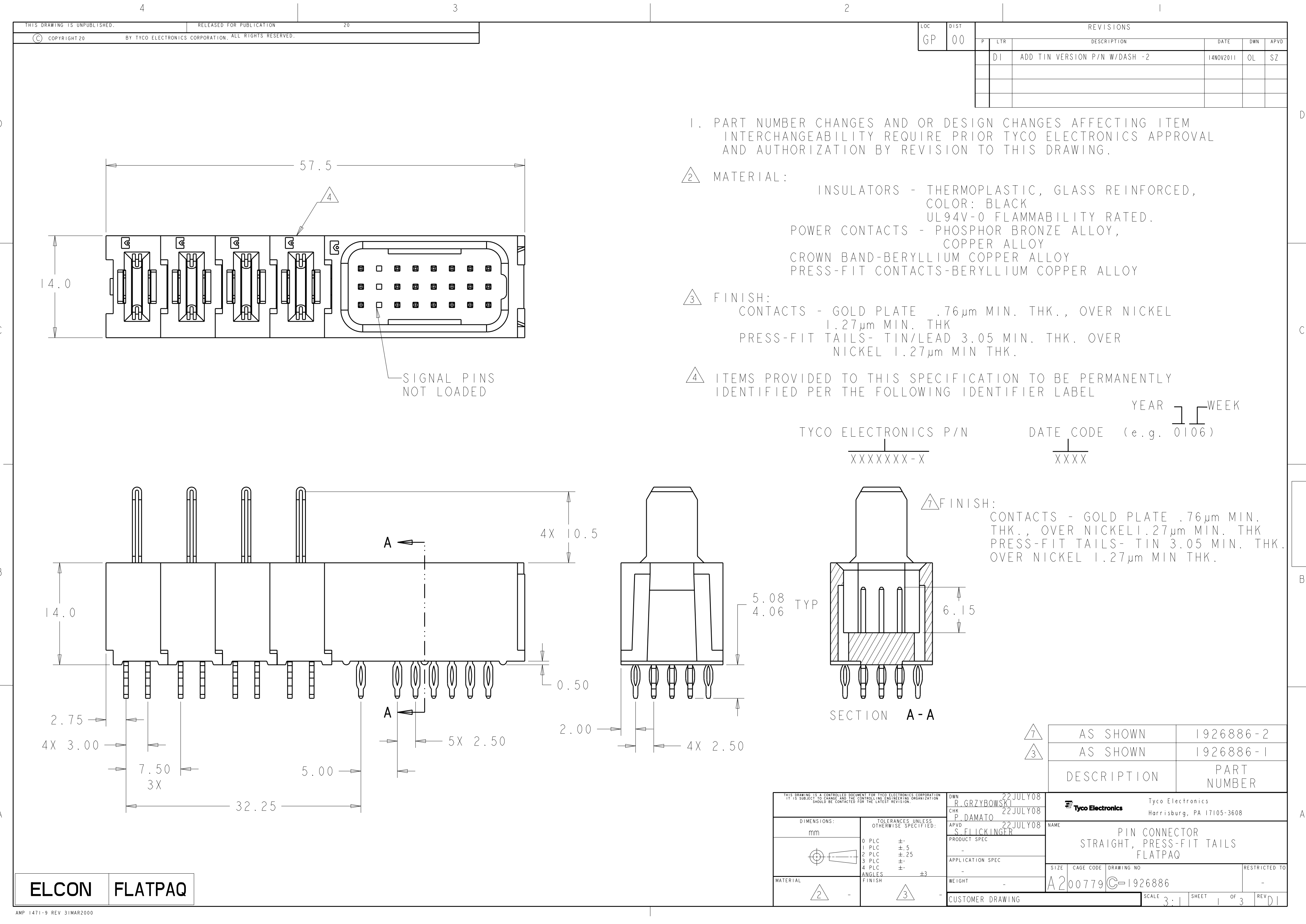




THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20	
COPYRIGHT 20		BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.			

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			DI	ADD TIN VERSION P/N W/DASH -2	14NOV2011	OL	SZ

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
PRESS-FIT CONTACTS-BERYLLIUM COPPER ALLOY

3 FINISH:

CONTACTS - GOLD PLATE .76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK
PRESS-FIT TAILS- TIN/LEAD 3.05 MIN. THK. OVER NICKEL 1.27µm MIN THK.

4 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

7 FINISH:

CONTACTS - GOLD PLATE .76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK
PRESS-FIT TAILS- TIN 3.05 MIN. THK. OVER NICKEL 1.27µm MIN THK.

7	AS SHOWN	1926886-2
3	AS SHOWN	1926886-1
	DESCRIPTION	PART NUMBER

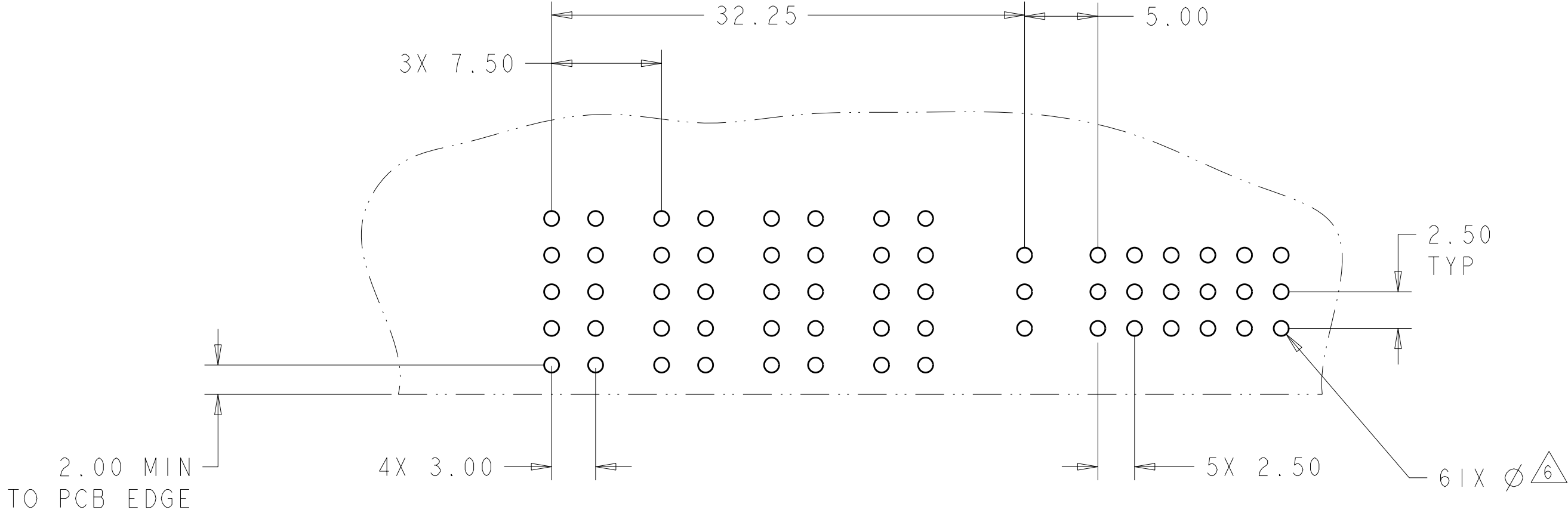
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN	22JULY08	Tyco Electronics	
		CHK	22JULY08	Harrisburg, PA 17105-3608	
		APVD	22JULY08		
		PRODUCT SPEC			
		APPLICATION SPEC			
		WEIGHT			
		CUSTOMER DRAWING			

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm				P/N CONNECTOR	
				STRAIGHT, PRESS-FIT TAILS	
				FLATPAQ	

MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
2		3		A2	00779	C-1926886	-

AMP 1471-9 REV 31MAR2000

Pro/ENGINEER DRAWING



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP201	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [0.295]	250 VOLTS
	FP400	1	22	24	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS

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.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.

4 PLC ±.

ANGLES ±3

FINISH

DWN
R. GRZYBOWSKI
22JULY08

CHK
P. DAMATO
22JULY08

APVD
S. FLICKINGER
22JULY08

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

PIN CONNECTOR
STRAIGHT, PRESS-FIT TAILS
FLATPAQ

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-1926886

-

SCALE 3:1

SHEET 2 OF 3

REV D1

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

D

D

C

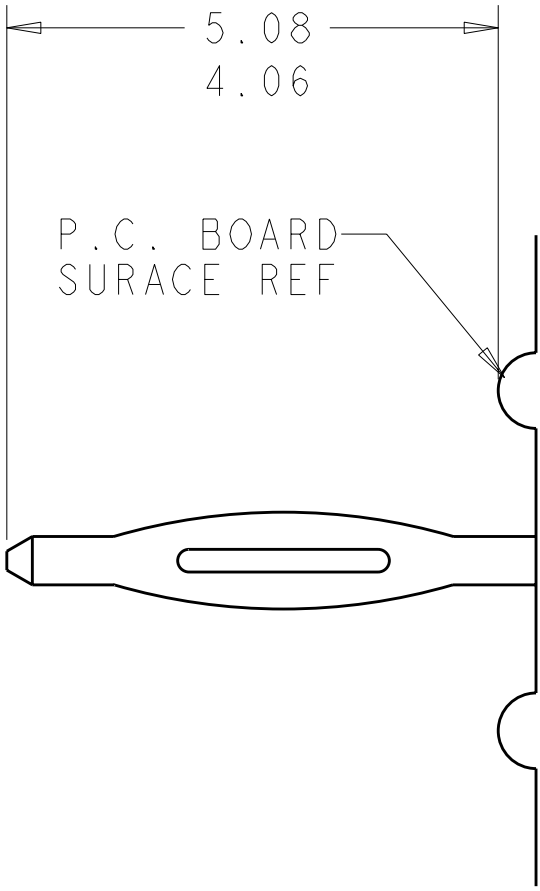
C

B

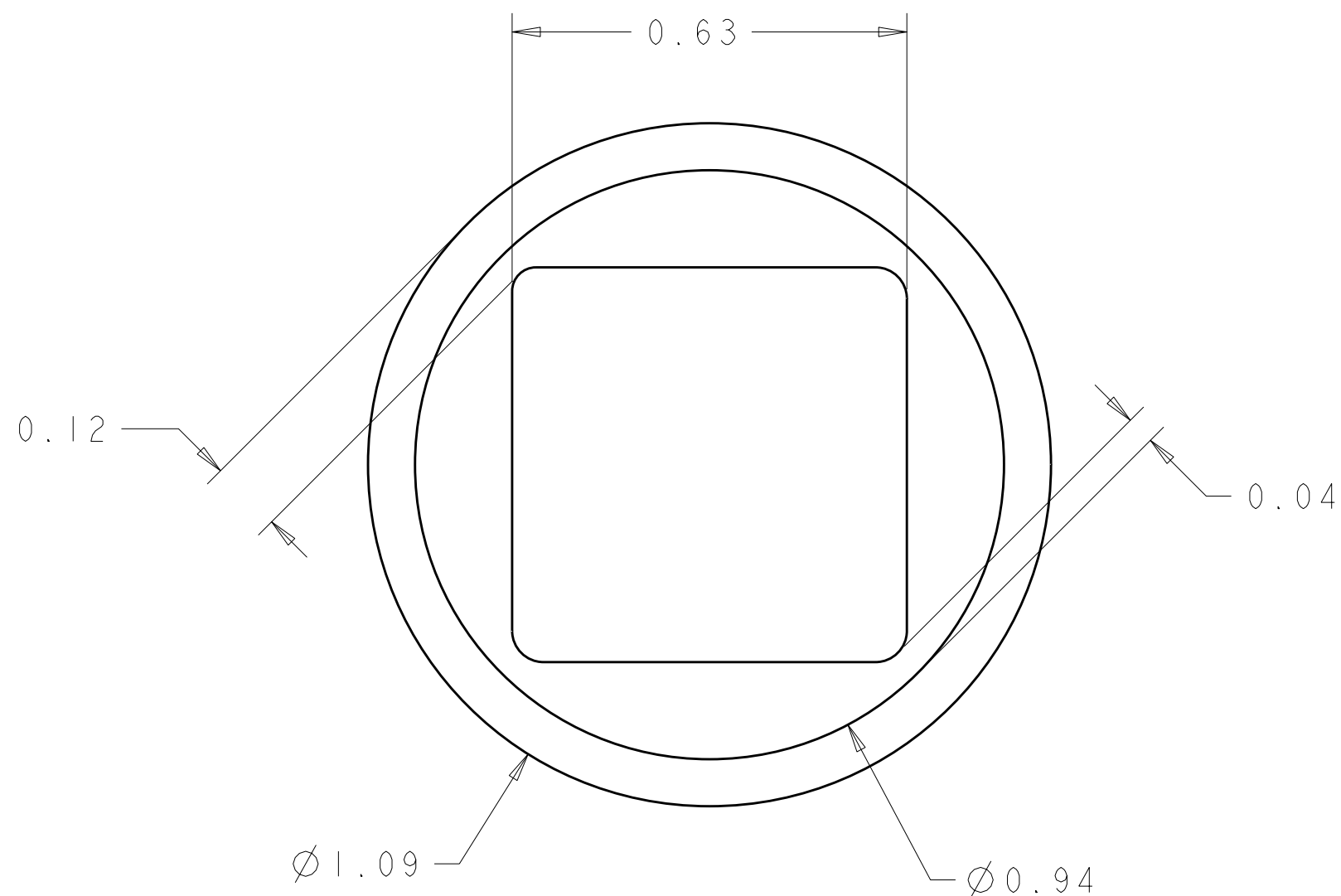
B

A

A



5. COMPLIANT PIN DETAIL
SCALE 10 : 1
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN
[30 LBS]
MINIMUM PUSH OU: 44.4N PER PIN
[10 LBS]



6. SOLDER TERMINATION AREA
RECOMMENDED PRINTED CIRCUIT HOLE
COMPLIANT PRESS FIT
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN. (PER SURFACE)
TIN PLATE: .008 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 22JULY08 CHK P. DAMATO 22JULY08 APVD S. FLICKINGER 22JULY08	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		NAME P. DAMATO		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±3 FINISH		PRODUCT SPEC - APPLICATION SPEC - WEIGHT - CUSTOMER DRAWING		
MATERIAL -		SIZE A200779		
		CAGE CODE C-1926886		
		DRAWING NO - RESTRICTED TO -		
		SCALE 3:1		
		SHEET 3 OF 3		
		REV D1		