

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	NEW RELEASE		10SEP2007	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:

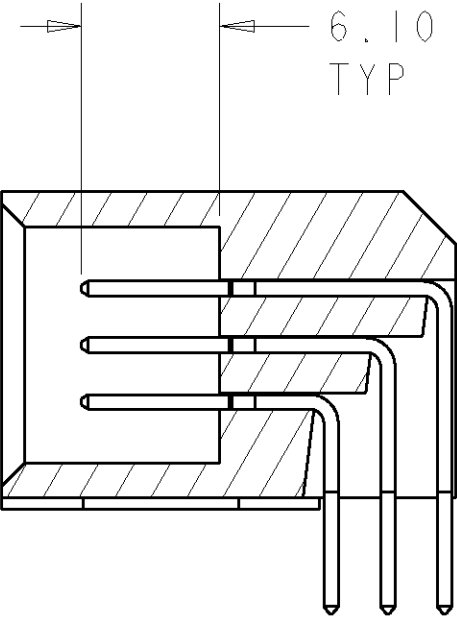
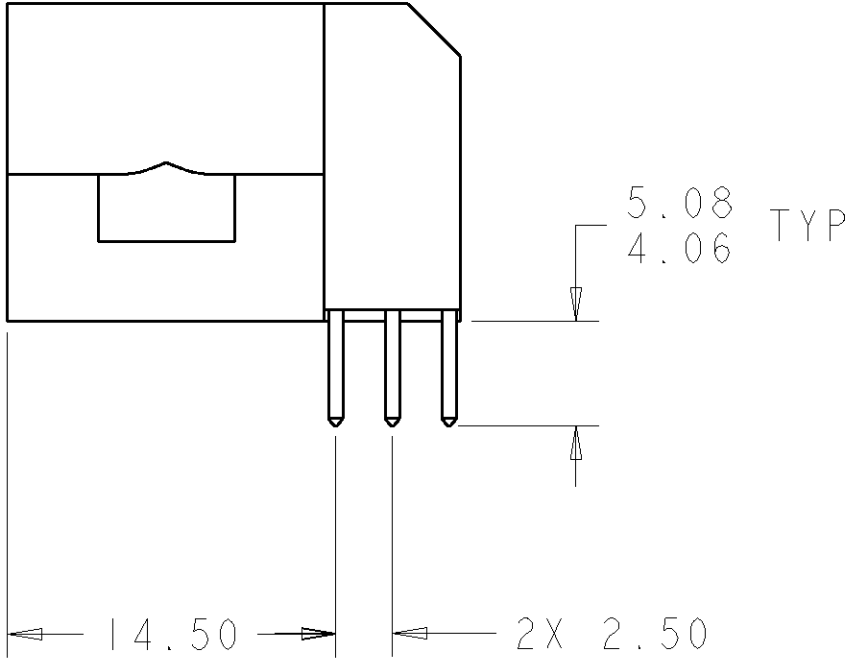
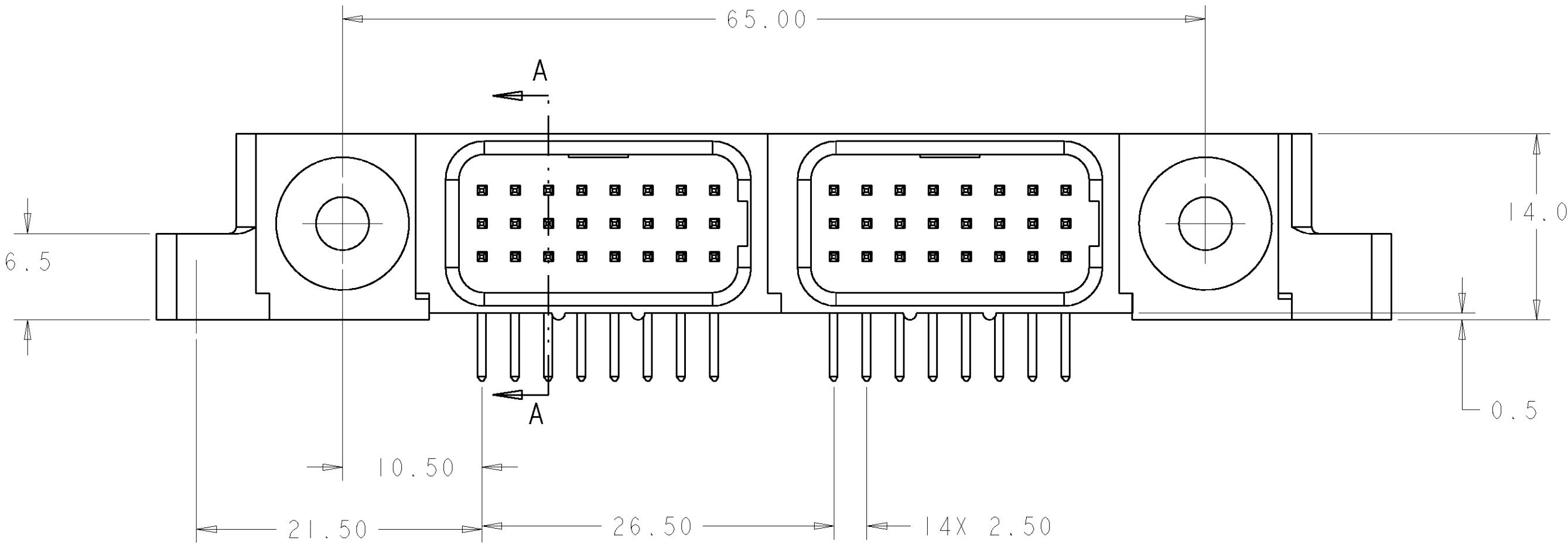
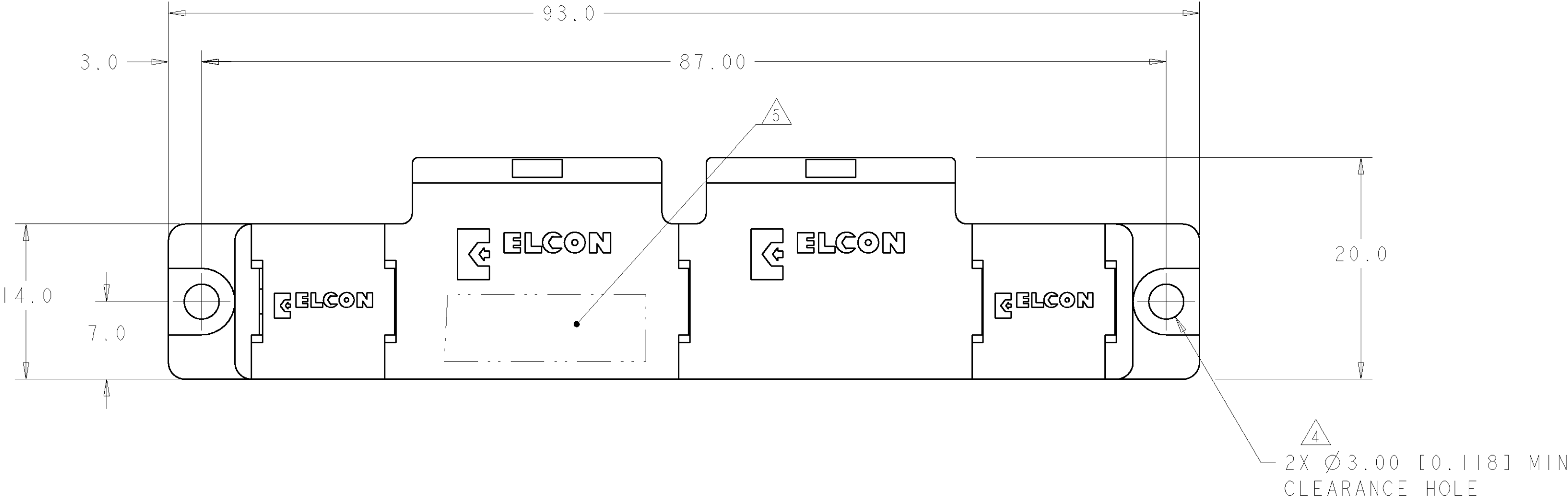
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY
3. FINISH:

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

YEAR1WEEK

TYCO ELECTRONICS P/NXXXXXXXX-XDATE CODE (e.g. 0106)XXXX



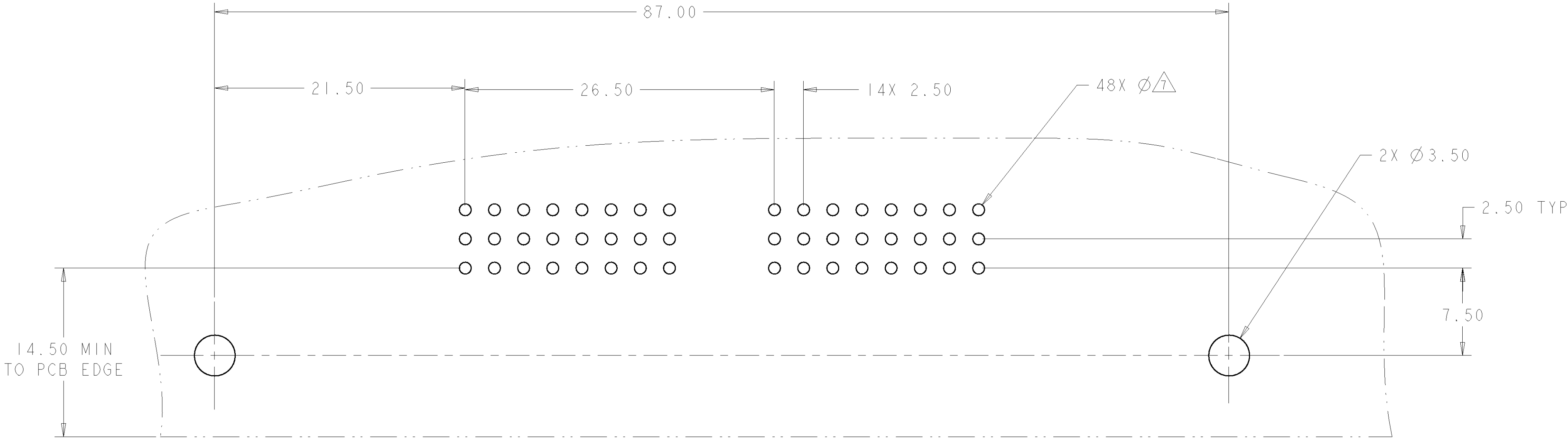
SECTION A-A

ELCON FLATPAQ

AS SHOWN	6651587-1
DESCRIPTION	PART NUMBER

17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17105-3608-1		17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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
PIN	FP302	2	48	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP506	2	-	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON

FLATPAQ

THE DRAWING IS TO REMAIN THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED AND NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TYCO ELECTRONICS CORPORATION. SHOULD BE CONTACTED FOR THE LATEST EDITION.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
9 PLC ±.01
1 PLC ±.02
2 PLC ±.03
3 PLC ±.04
4 PLC ±.05
ANGLES ±.5°
FINISH -

-

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

10SEP107
10SEP107
10SEP107

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
PIN CONNECTOR, RIGHT ANGLE
SOLDER TAILS

SIZE
A

CAGE CODE
00779

DRAWING NO.
6651587

RESTRICTED TO
-

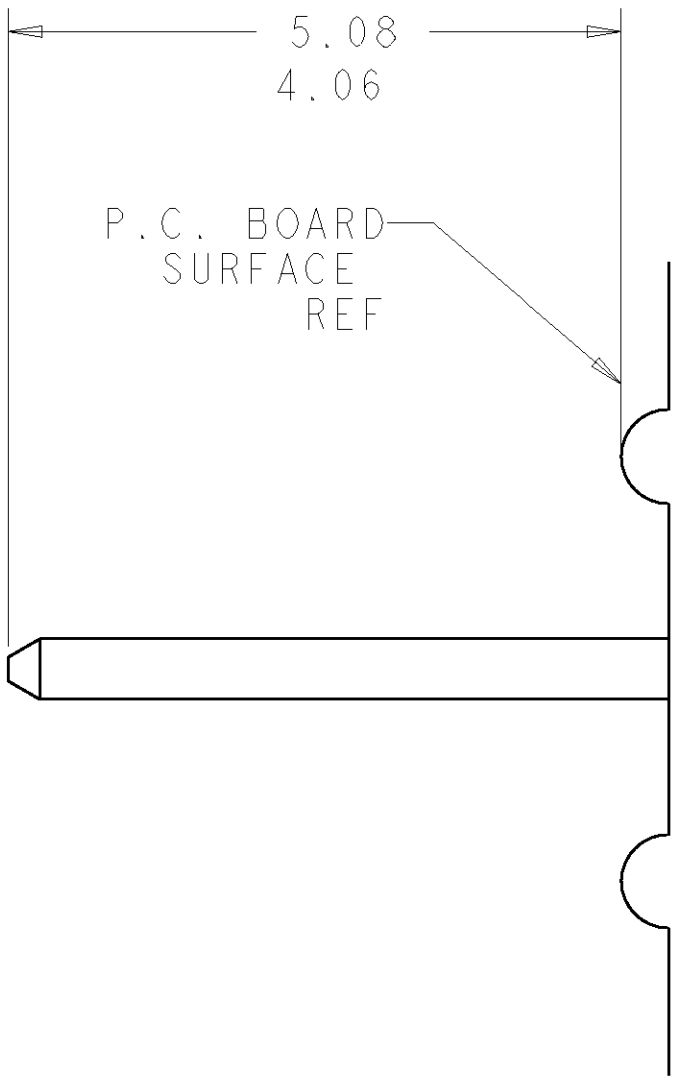
SCALE
3:1

SHEET
2

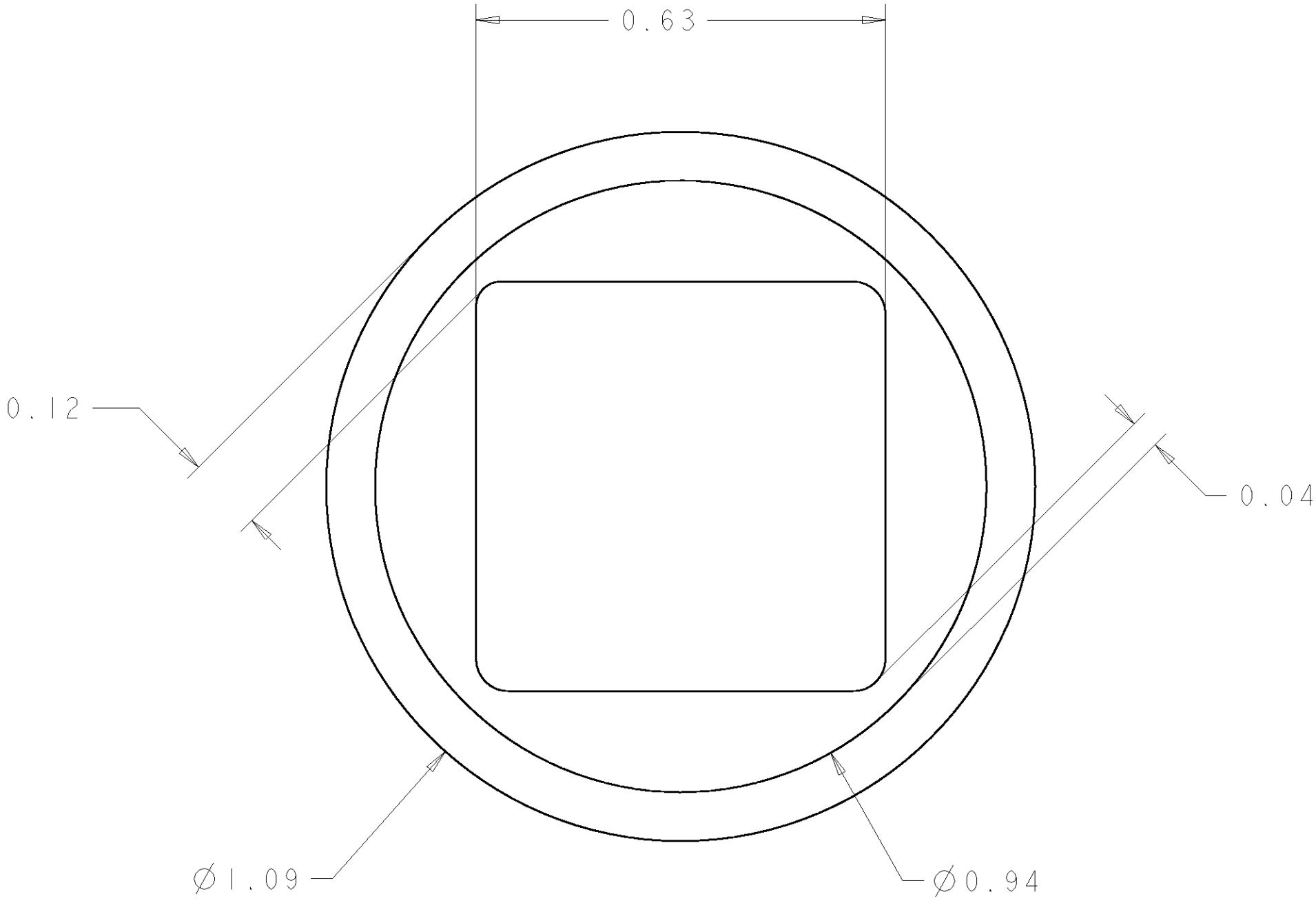
OF
3

REV
A

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



6. SOLDER PIN DETAIL
SCALE 10:1



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

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT FOR THAT INFORMATION CONTAINED HEREIN THAT IS UNCLASSIFIED TO EXEMPT THE CONTROLLING AND CONTROLLING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST EDITION.		DWN	R.GRZYBOWSKI	10SEP107	 Tyco Electronics Harrisburg, PA 17105-3608					
		CHK	S.FLICKINGER	10SEP107						
		APVD	S.FLICKINGER	10SEP107	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS -					
		PRODUCT SPEC								
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC					
		0 PLC	±		SIZE CAGE CODE DRAWING NO A 00779 C=6651587					
		1 PLC	±.5	[.020]						
		2 PLC	±.25	[.010]						
		3 PLC	±							
		4 PLC	±		RESTRICTED TO -					
		ANGLES	±	5						
MATERIAL		FINISH			WEIGHT					
-		-			-					
CUSTOMER DRAWING					SCALE	3:1	SHEET 3 OF 3			
					REV	A				