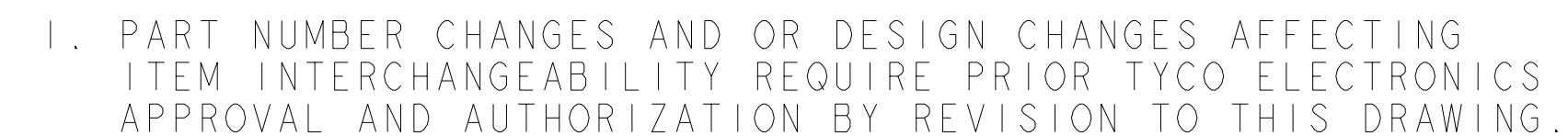


LOC GP	DIST 00	REVISONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	09JUL2009	RG	MS
			B	REV PER ECO-10-003914	01MAR2010	RG	MS
			C	REV PER ECO-10-005408	18MAR2010	RG	MS



△ MATERIAL:

INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.

POWER CONTACTS - PHOSPHOR BRONZE ALLOY,
COPPER ALLOY

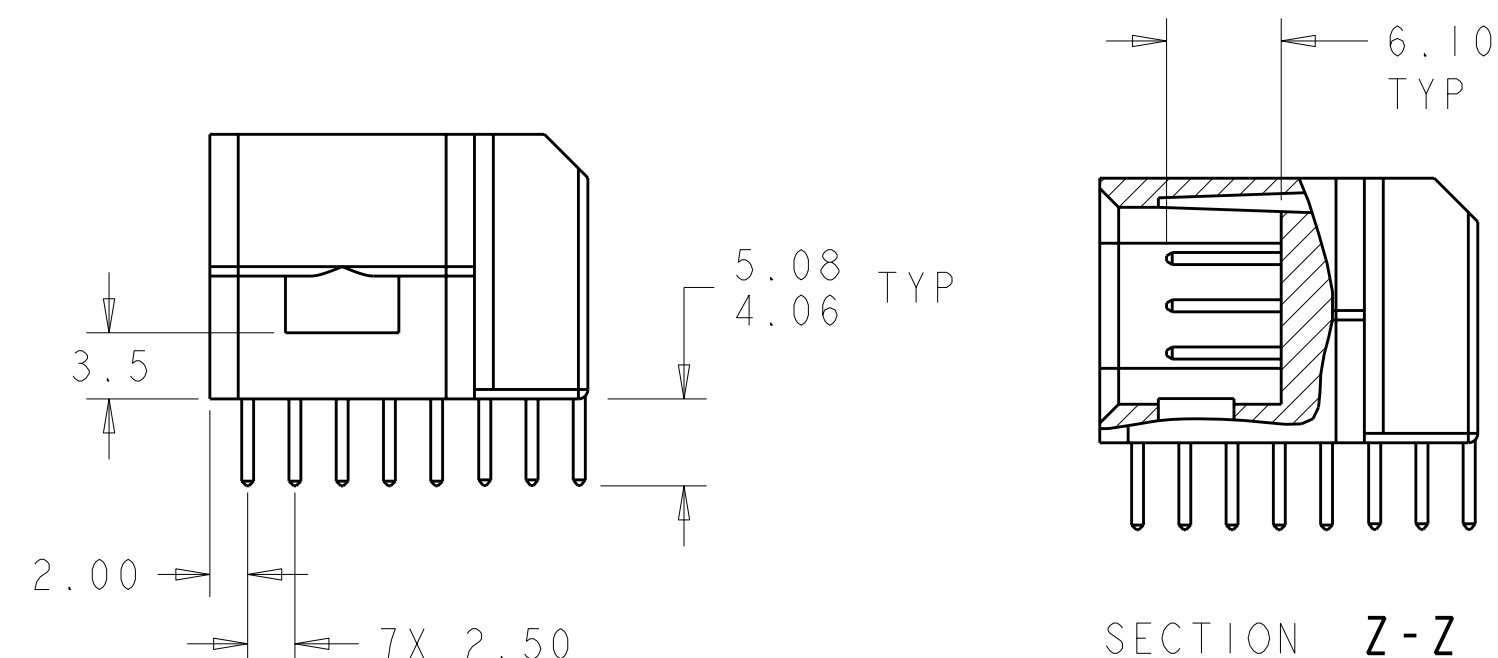
△ 3 FINISH:
CONTACTS - GOLD PLATE 0.76μm MIN. THK. OVER NICKEL
1.27μm MIN. THK.
SOLDER TAILS, TIN/LEAD 3.05μm MIN. THK. OVER
1.27μm MIN. THK. NICKEL.

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

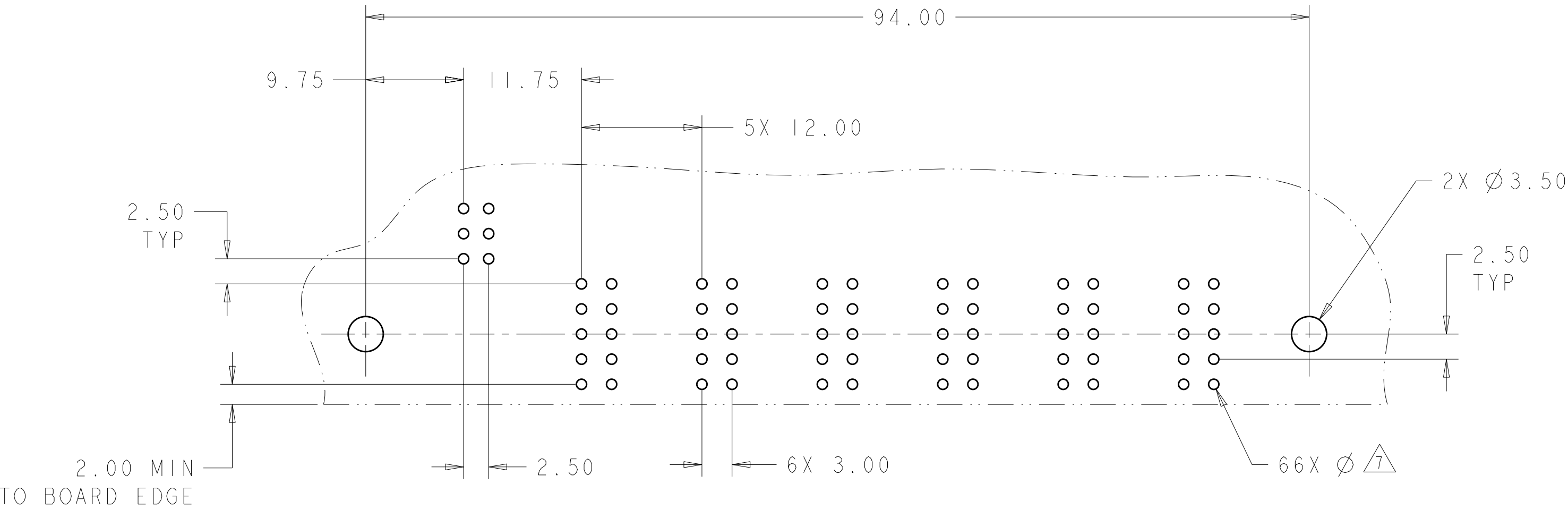
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

XXXXXXX-X XXXX

△₅ MOUNTING FLANGES ACCEPT M3 OR NO.4 SCREWS, (USER SUPPLIED)



THIS DRAWING IS A CONTROLLED DOCUMENT FOR TWO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 9 JULY 09		Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CONNECTOR, PIN, RIGHT ANGLE SOLDER TAILS FLATPAQ	
		CHK M. SYKES 9 JULY 09		APVD M. PERCHERKE 9 JULY 09	
0 PLC ±.		PRODUCT SPEC		SIZE A2	
1 PLC ±0.5		-		CAGE CODE 00779	
2 PLC ±0.25		APPLICATION SPEC		DRAWING NO C-2085264	
3 PLC ±.		-		RESTRICTED TO -	
4 PLC ±.		WEIGHT -		SCALE 2:1	
ANGLES ±.5		CUSTOMER DRAWING		SHEET 1 OF 3	
MATERIAL 				REV C	



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP314	1	22	6	0.64 SQ.	3 amps	2.50	125
	FPI20	6	8	6	1.25 X 7.00	35 amps	12.00	600
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	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 ±

1 PLC ±0.5

2 PLC ±0.25

3 PLC ±

4 PLC ±

ANGLES ±.5

FINISH

DWN

R. GRZYBOWSKI

9 JULY 09

CHK

M. SYKES

9 JULY 09

APVD

M. PERCHERKE

9 JULY 09

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

CONNECTOR, PIN, RIGHT ANGLE
SOLDER TAILS
FLATPAQ

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2085264

RESTRICTED TO

-

SCALE

2:1

SHEET

2

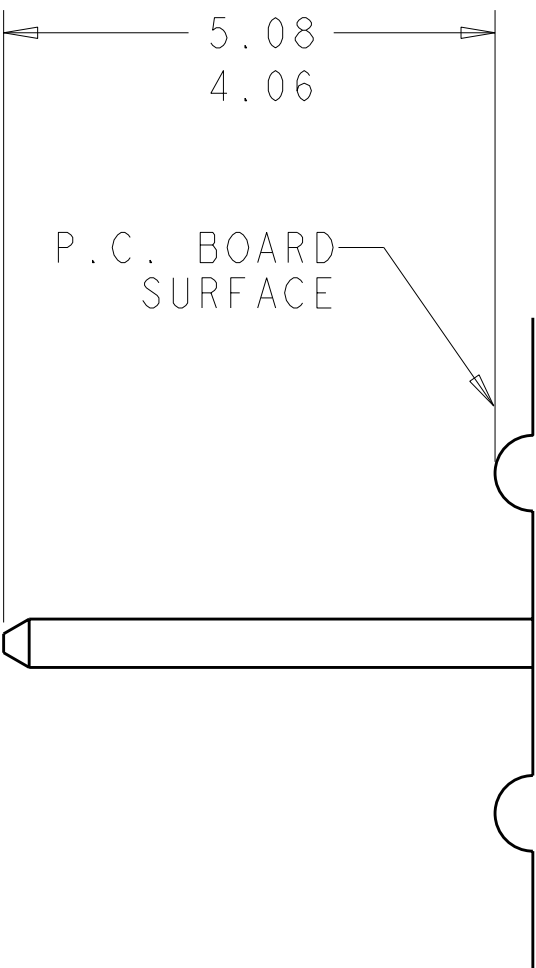
OF

3

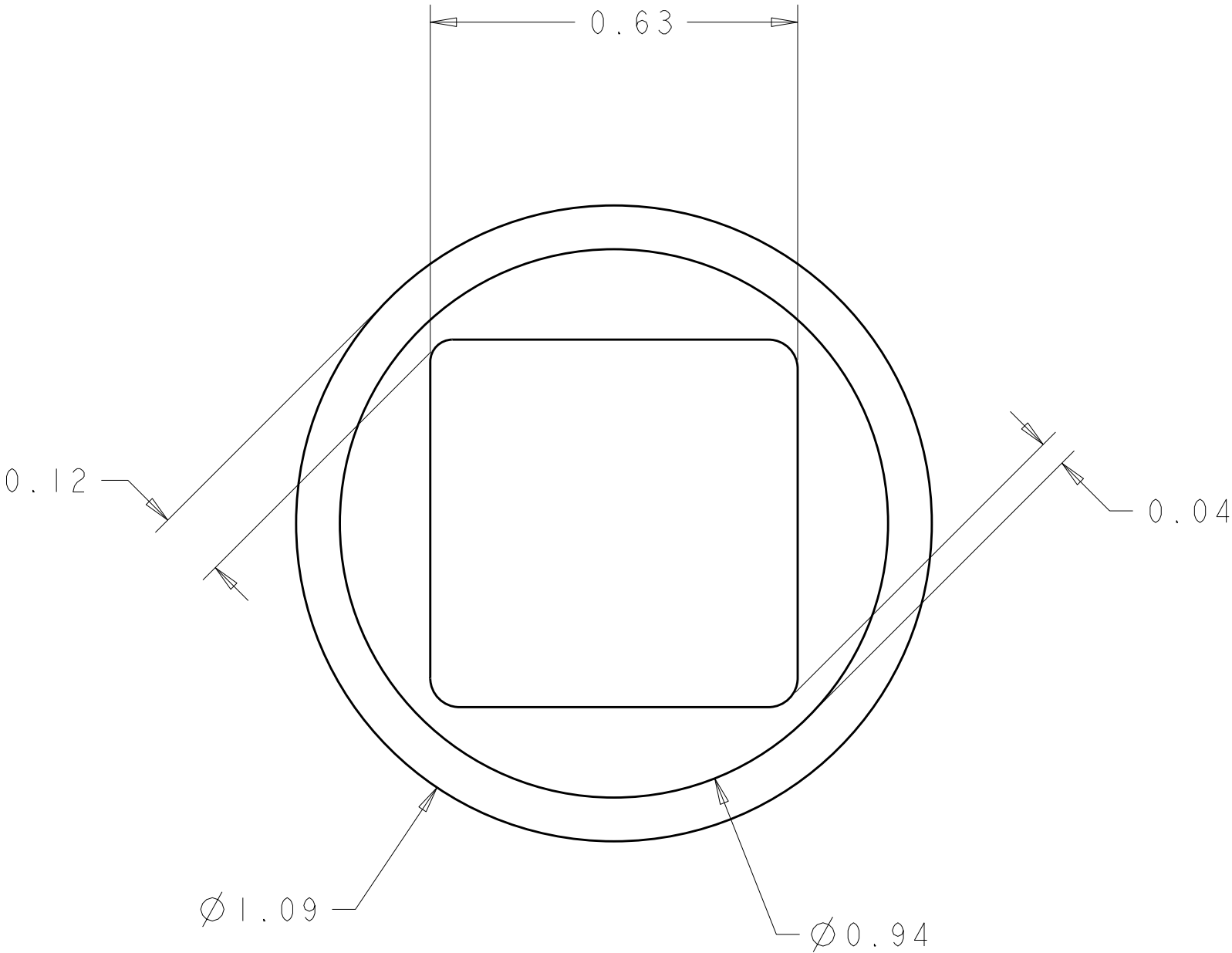
REV

C

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



6. SOLDER TAIL DETAIL
SCALE 10 : 1



7. SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER HOLE
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN
TIN PLATE: .008 MIN. (PER SURFACE)

ELCON FLATPAQ

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DIMENSIONS: mm		CHK M. SYKES 9 JULY 09	NAME CONNECTOR, PIN, RIGHT ANGLE SOLDER TAILS FLATPAQ	
		APVD M. PERCHERKE 9 JULY 09		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC -	SIZE A200779	CAGE CODE C-2085264
0 PLC ± 1 PLC ±0.5 2 PLC ±0.25 3 PLC ± 4 PLC ±		APPLICATION SPEC -	DRAWING NO	RESTRICTED TO -
MATERIAL -		WEIGHT -	SCALE 2:1 SHEET 3 OF 3 REV C	
		CUSTOMER DRAWING		