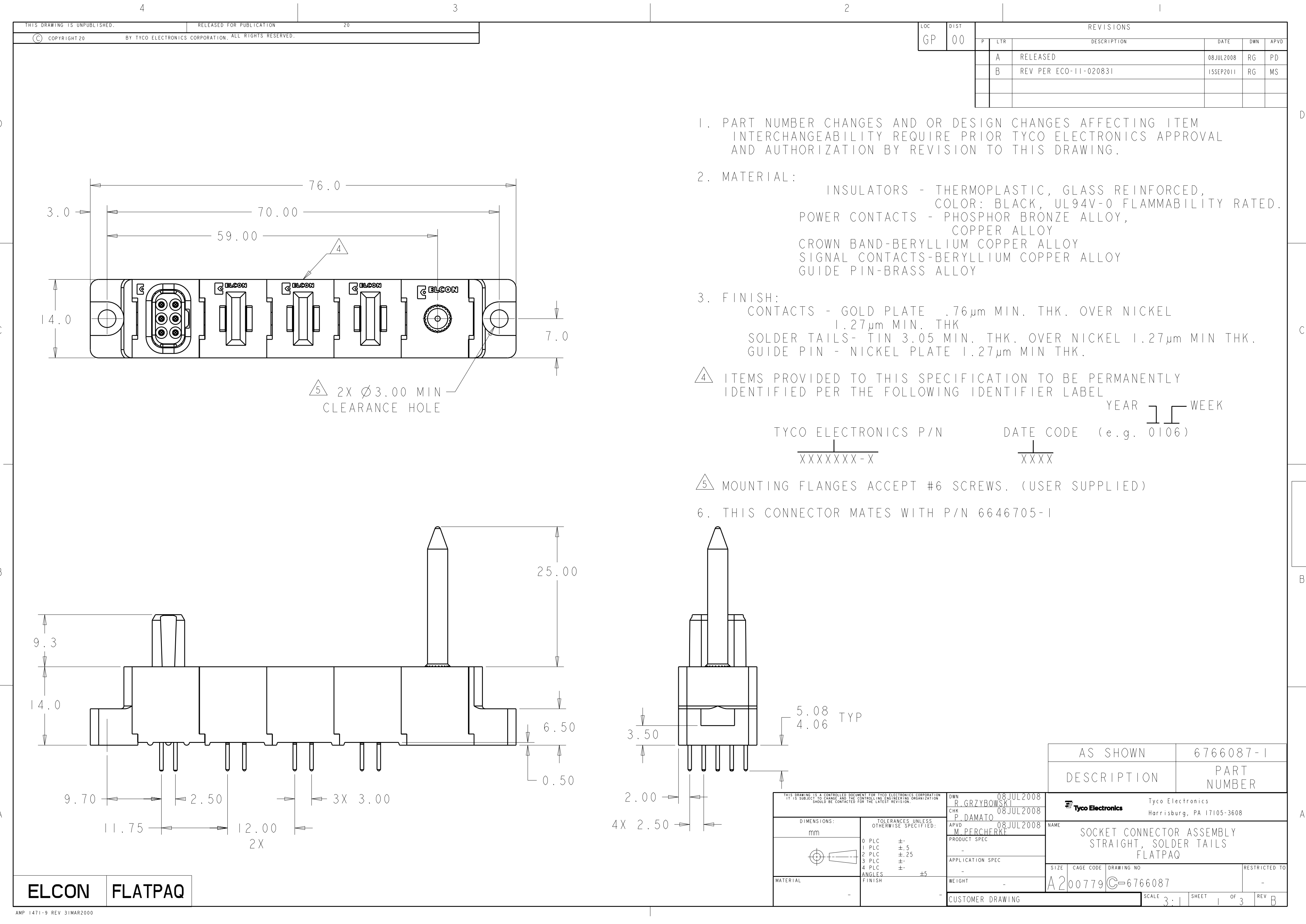




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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	08JUL2008	RG	PD
			B	REV PER ECO-11-020831	15SEP2011	RG	MS

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
SIGNAL CONTACTS-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS ALLOY

3. FINISH:

CONTACTS - GOLD PLATE .76µm MIN. THK. OVER NICKEL
1.27µm MIN. THK
SOLDER TAILS- TIN 3.05 MIN. THK. OVER NICKEL 1.27µm MIN THK.
GUIDE PIN - NICKEL PLATE 1.27µm MIN THK.

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

YEAR 11 WEEK 11

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

XXXXXXXX-X XXXX

5. MOUNTING FLANGES ACCEPT #6 SCREWS. (USER SUPPLIED)

6. THIS CONNECTOR MATES WITH P/N 6646705-1

76.0

70.00

59.00

3.0

14.0

7.0

4

5 2X Ø3.00 MIN CLEARANCE HOLE

9.3

14.0

6.50

0.50

9.70

2.50

11.75

12.00

2X

3X 3.00

25.00

5.08

4.06 TYP

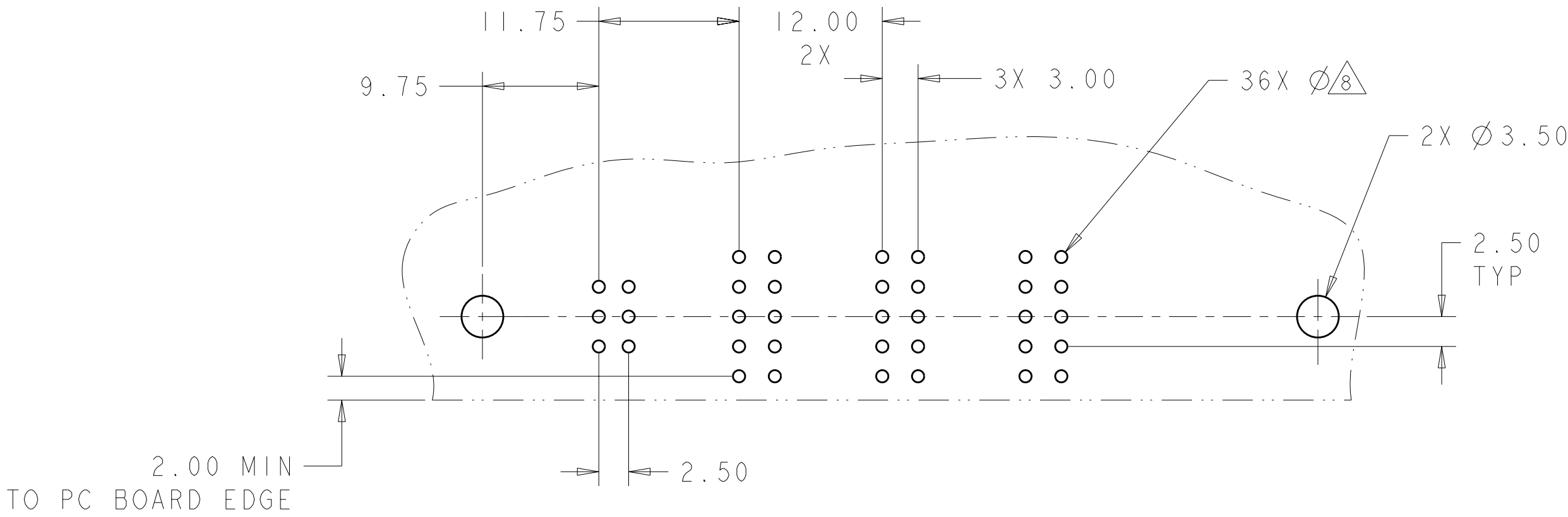
3.50

2.00

4X 2.50

5.08 TYP

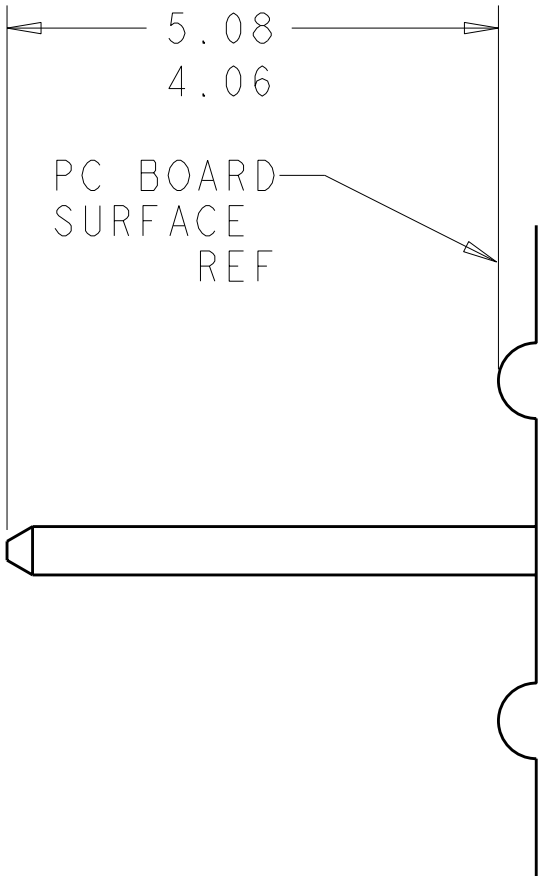
THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI 08JUL2008	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK P. DAMATO 08JUL2008	NAME SOCKET CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAILS FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±5 FINISH		APVD M. PERCHERKE 08JUL2008	SIZE A200779C-6766087	
MATERIAL -		PRODUCT SPEC -	RESTRICTED TO -	
		APPLICATION SPEC -	SCALE 3:1	
		WEIGHT -	SHEET 1 OF 3	
		CUSTOMER DRAWING	REV B	



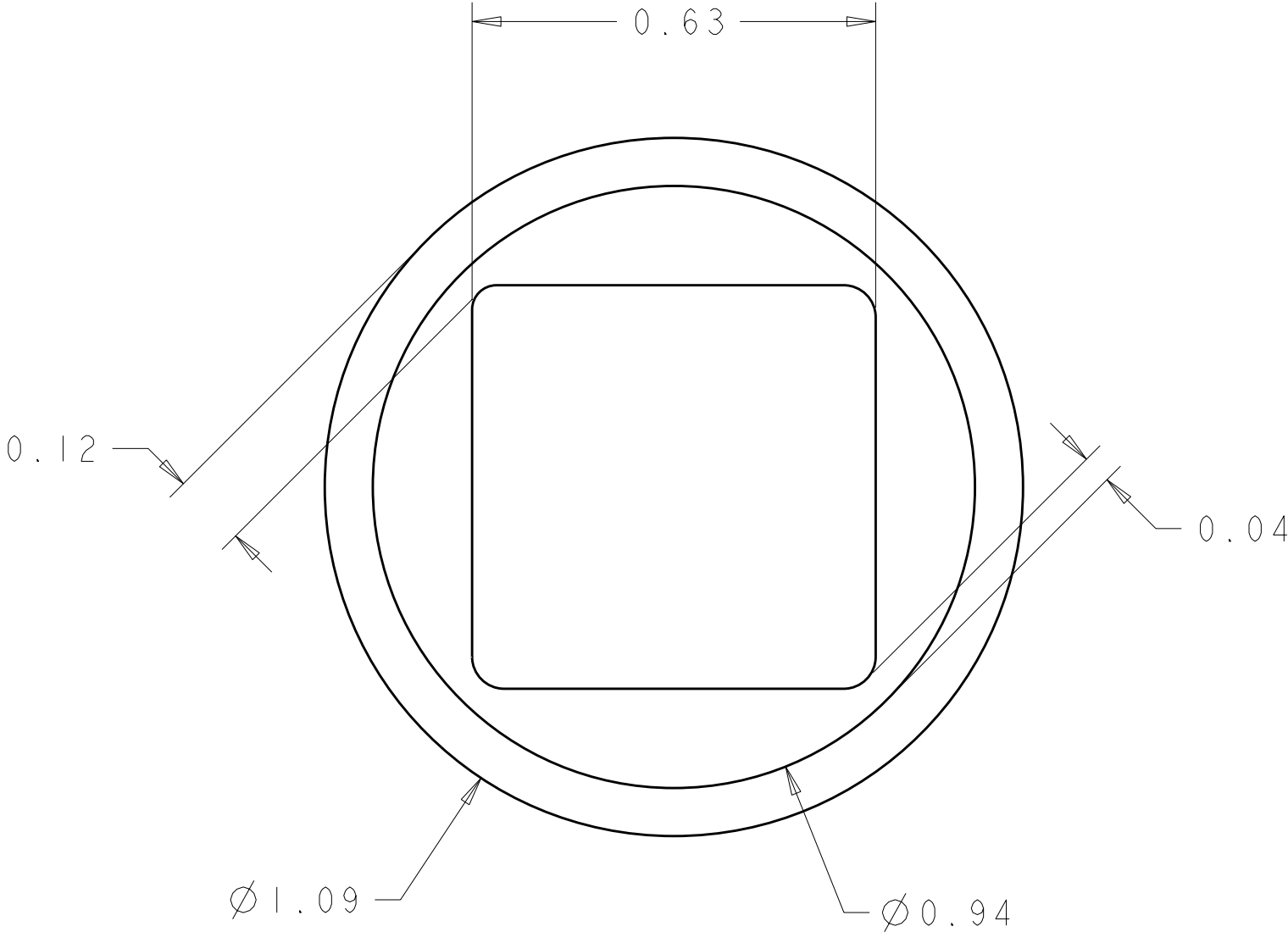
PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FPI16	3	8	3	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [0.295]	250 VOLTS
	FP313	1	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP503	1	STRAIGHT GUIDE PIN					
	FP500	1	MOUNTING FLANGE, LEFT					
	FP501	1	MOUNTING FLANGE, RIGHT					

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



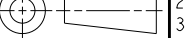
7. SOLDER PIN DETAIL
SCALE 10 : 1



8. 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)

ELCON

FLATPAQ

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DIMENSIONS: mm 		CHK P. DAMATO 08JUL2008	NAME SOCKET CONNECTOR ASSEMBLY STRAIGHT, SOLDER TAILS FLATPAQ			
		APVD M. PERCHERKE 08JUL2008				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±5 FINISH		PRODUCT SPEC -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		APPLICATION SPEC -	A2	00779	C-6766087	-
		WEIGHT -	SCALE 3:1			
		SHEET 3 OF 3				
		REV B				
MATERIAL -		CUSTOMER DRAWING				