

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	NEW RELEASE	01MAR2007	RG	PD

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO 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 BANDS - BERYLLIUM COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY

3. FINISH:
CONTACTS - GOLD PLATE .76µm MIN. THK. OVER
NICKEL 1.27µm MIN. THK,
SOLDER TAILS TIN 3.05µm MIN. THK. OVER
NICKEL 1.27µm MIN. THK,

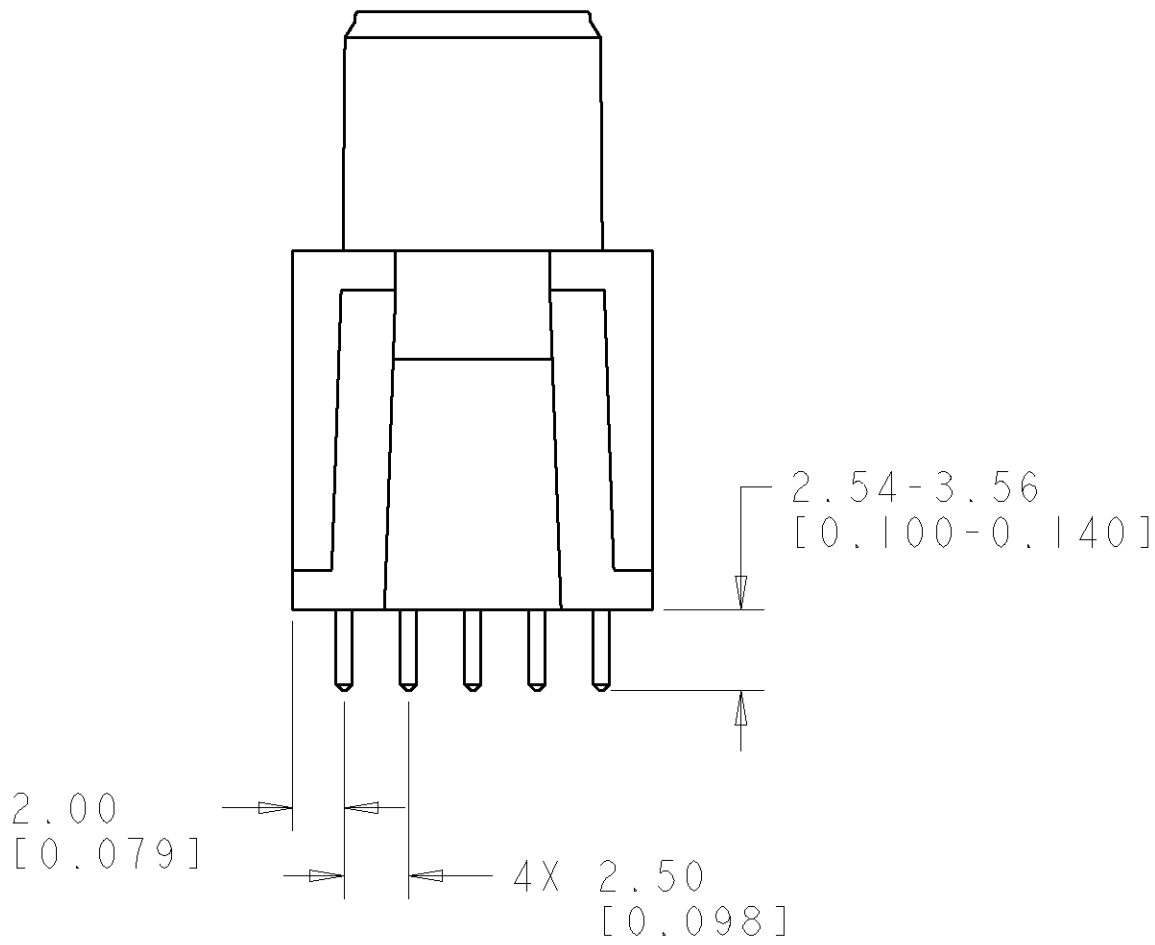
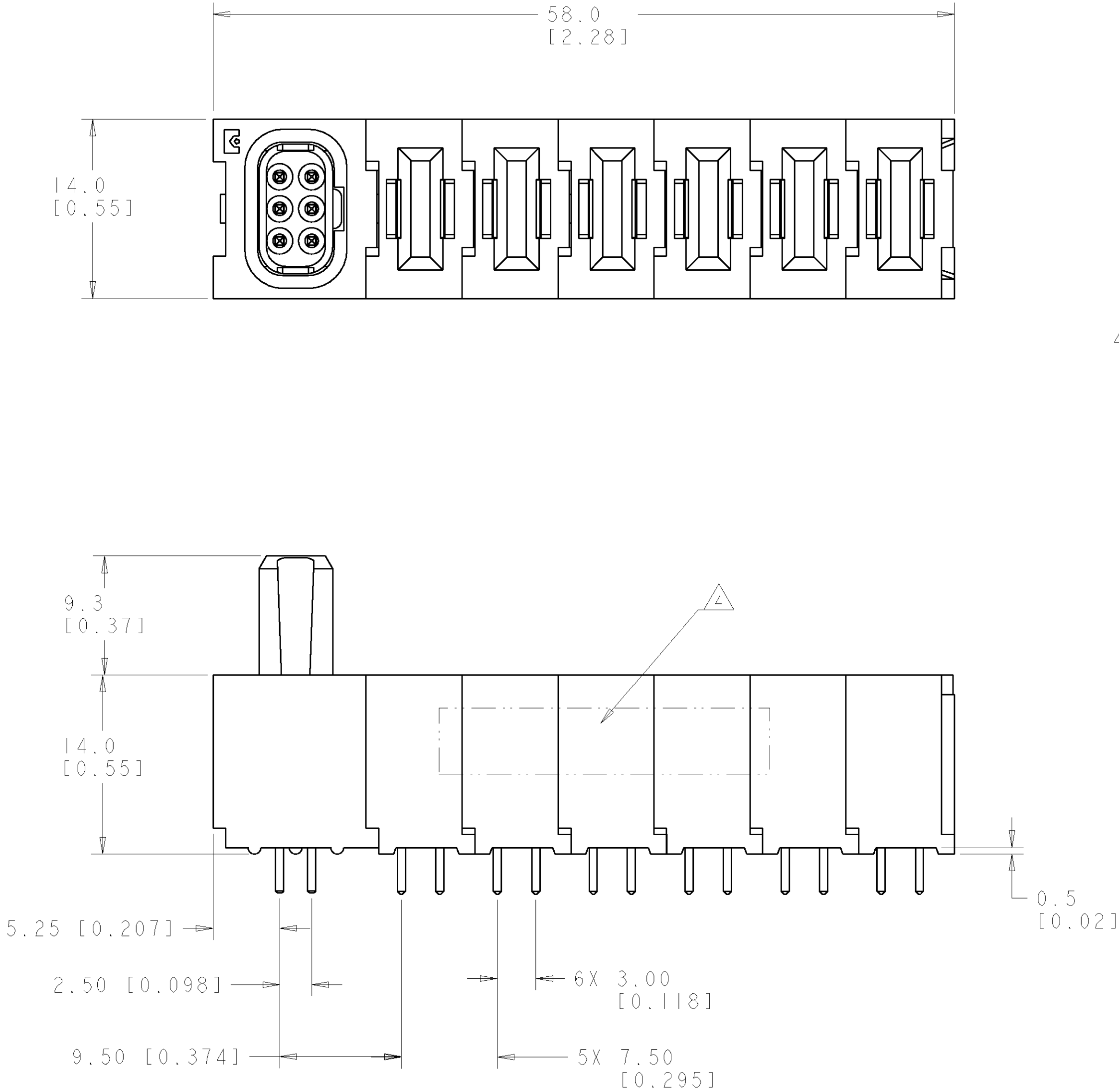
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR11WEEK

TYCO PART NO. DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

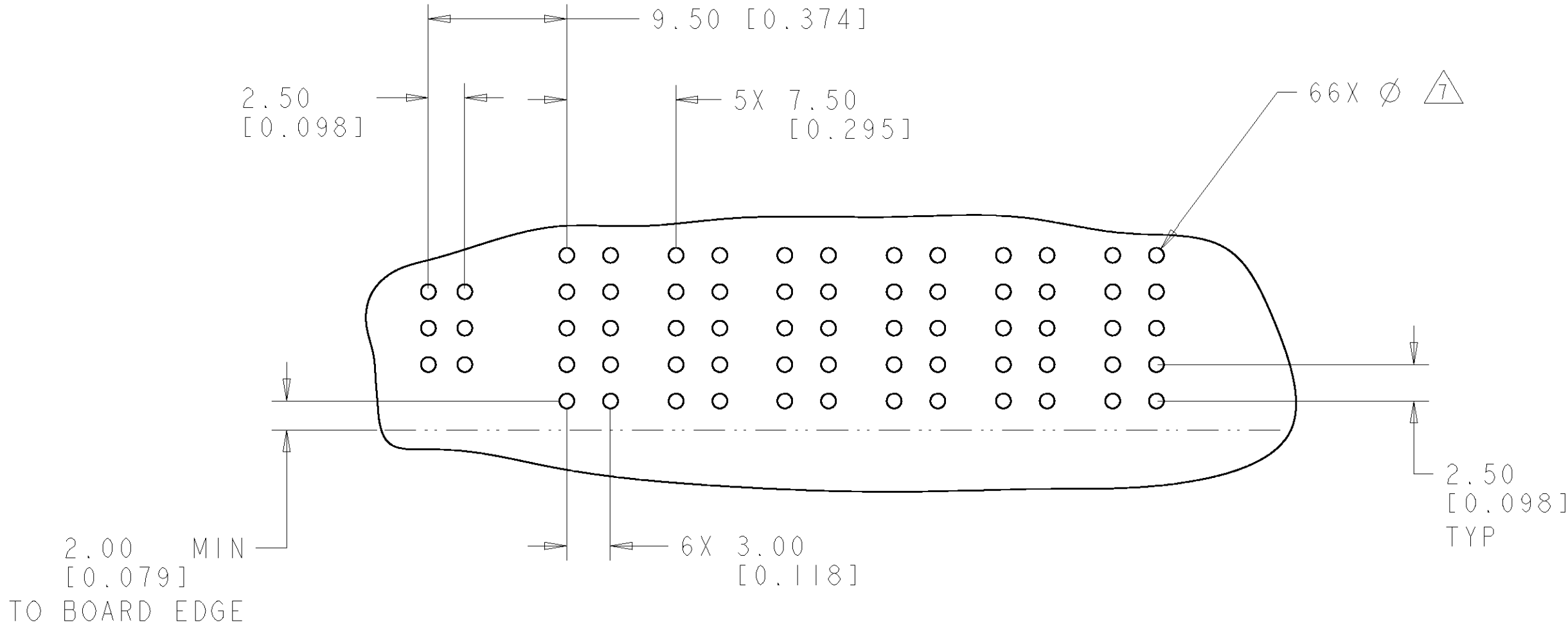
5. MATES WITH TYCO P/N 1926427-1



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 CHK P. DAMATO APVD S. FLICKINGER	01MAR07 01MAR07 01MAR07	tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608		
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SOCKET CONNECTOR, STRAIGHT, SOLDER TAILS		
0 PLC ±.5 [0.020] 1 PLC ±.25 [0.010] 2 PLC ±.25 [0.010] 3 PLC ±.25 [0.010] 4 PLC ±.25 [0.010] ANGLES ±.5 FINISH		PRODUCT SPEC APPLICATION SPEC WEIGHT		SIZE A2	CAGE CODE 00779	DRAWING NO. 1926428
MATERIAL		CUSTOMER DRAWING		RESTRICTED TO	SCALE 4:1	SHEET 1 OF 3



PRINTED CIRCUIT LAYOUT
SCALE 3:1

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP100	6	8	12	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP313	1	22	6	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS

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DIMENSIONS:
mm[INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±	5 [.020]
1 PLC	±	25 [.010]
2 PLC	±	25 [.010]
3 PLC	±	25 [.010]
4 PLC	±	25 [.010]
ANGLES	±	5
FINISH		

MATERIAL

-

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

01MAR07
01MAR07
01MAR07

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR,
STRAIGHT, SOLDER TAILS
-

SIZE

A2

CAGE CODE

00779

DRAWING NO

1926428

RESTRICTED TO

-

SCALE

4:1

SHEET

2

OF

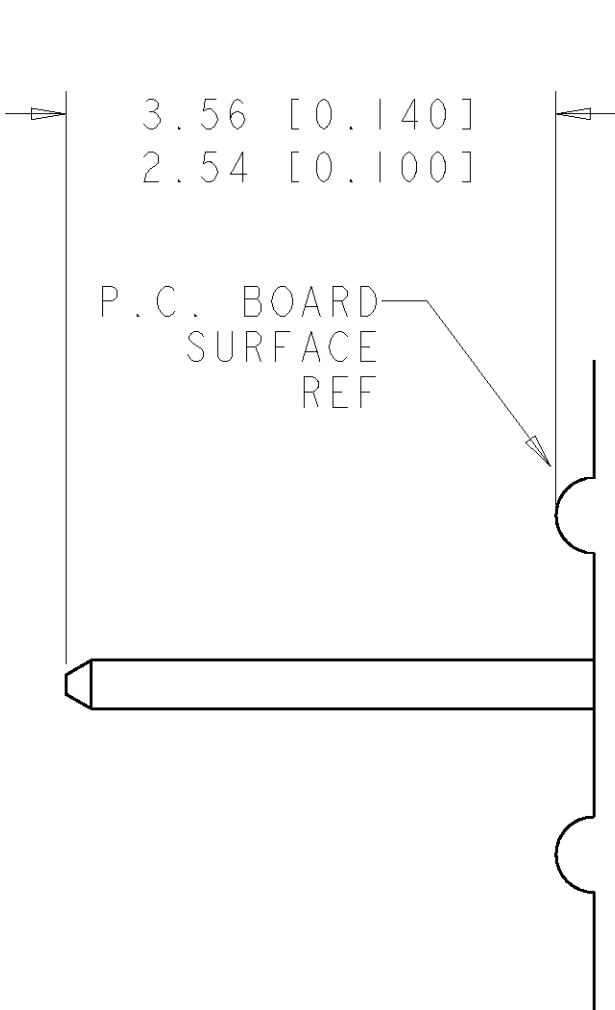
3

REV

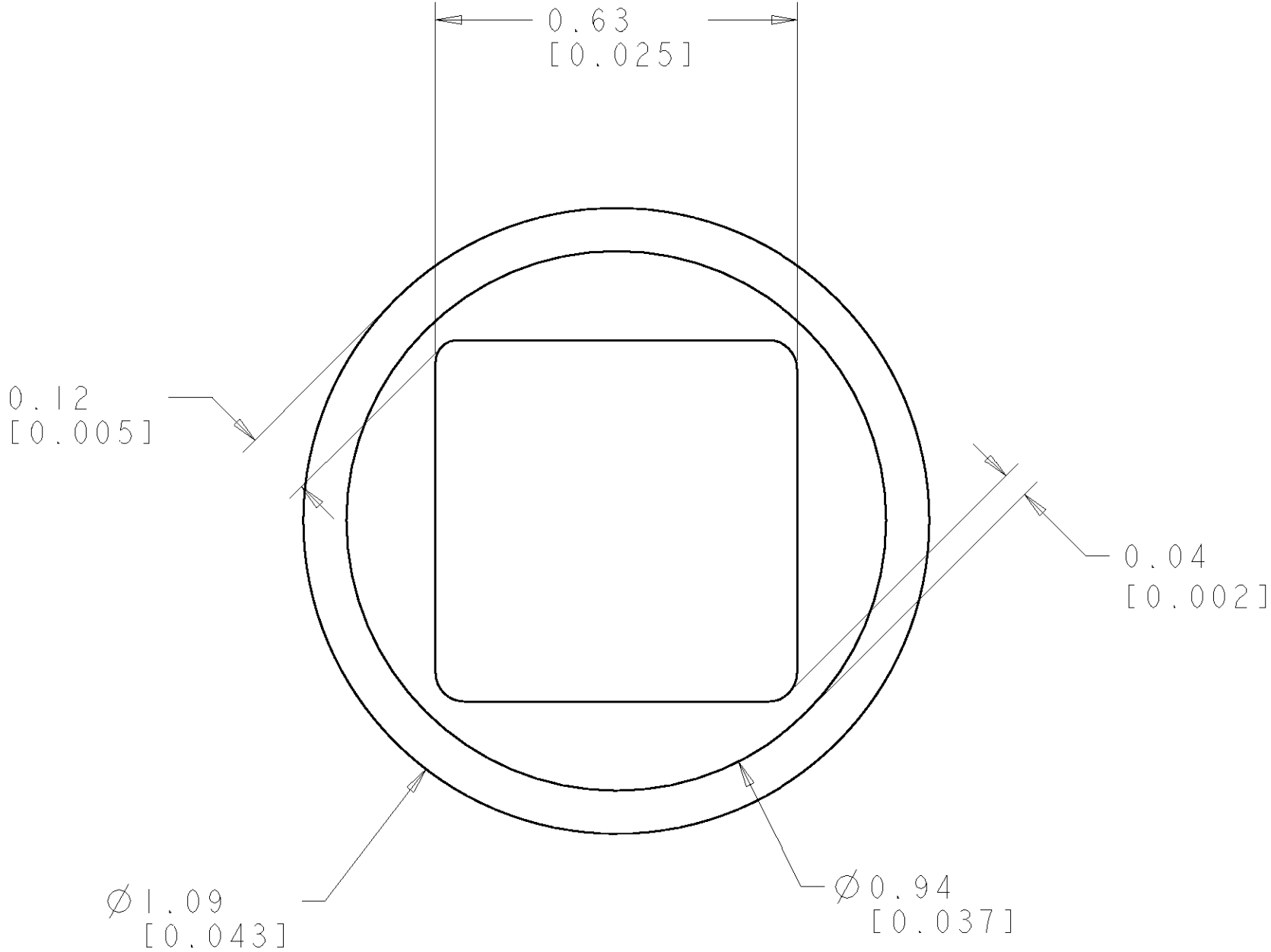
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AMP 1471-9 REV 31MAR2000

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



6. SOLDER TAIL DETAIL
SCALE 10 : 1



SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT HOLE
SOLDER HOLE
FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]
DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.0005]
COPPER PLATE: .025 [0.0010] MIN
TIN PLATE: .008 [0.0003] MIN. (PER SURFACE)

ELCON FLATPAQ

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		0 PLC	±.5	PRODUCT SPEC	-
		1 PLC	±.5 [0.020]	APPLICATION SPEC	-
		2 PLC	±.25 [0.010]	WEIGHT	-
		3 PLC	±.	SIZE A200779	
MATERIAL		4 PLC	±.	CAGE CODE C-1926428	
		ANGLES	±.5	DRAWING NO -	
		FINISH	-	RESTRICTED TO -	
				SCALE 4 : 1	
				SHEET 3 OF 3	
				REV A	