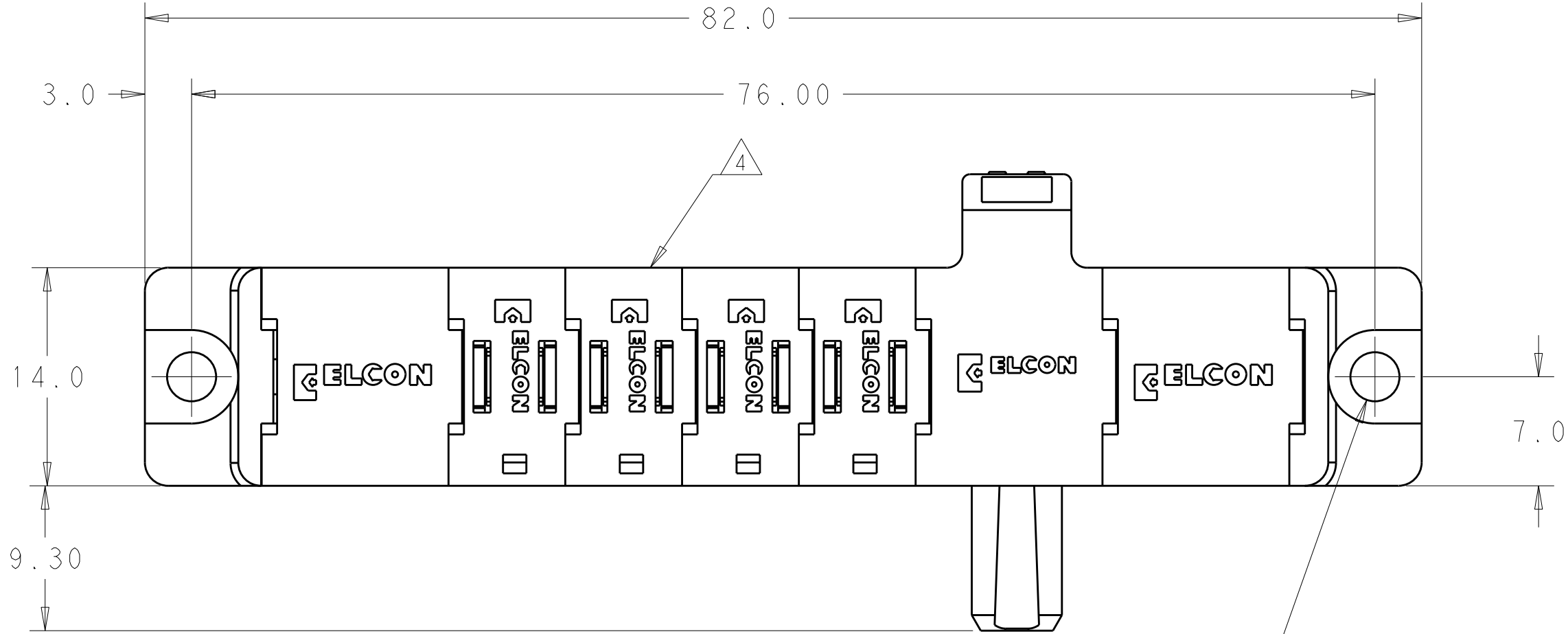
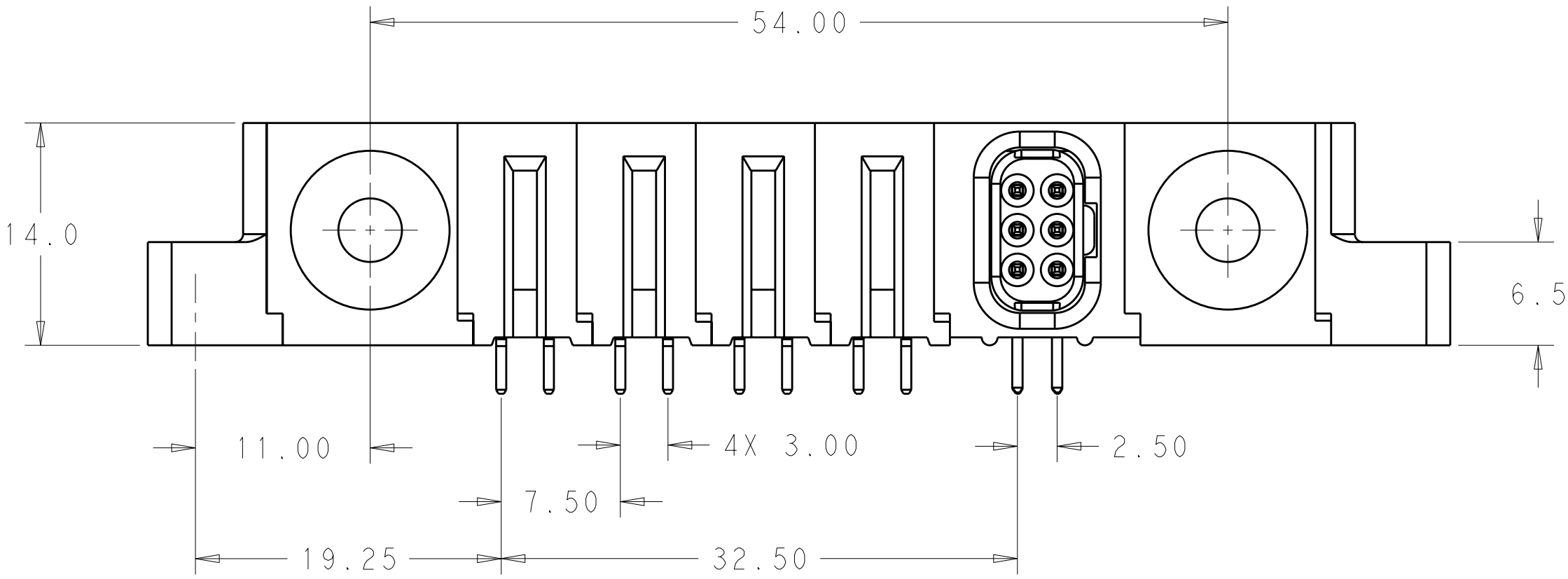


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED	16SEP2009	RG	MS



2XØ@3.00 MIN
(CLEARANCE HOLE)



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

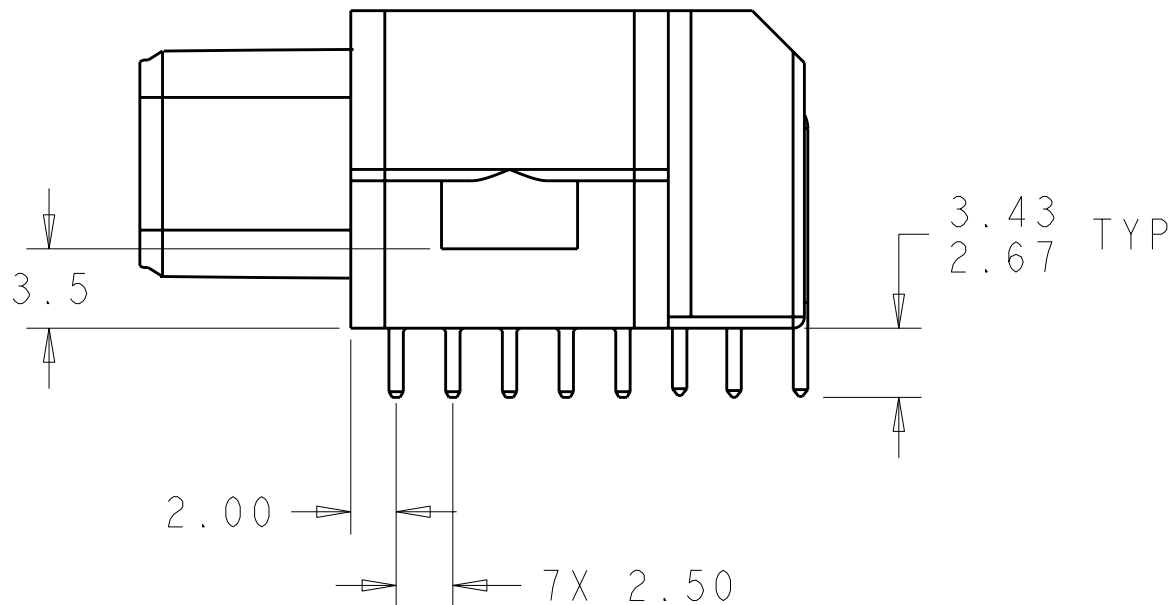
2 MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY

3 FINISH:
CONTACTS - GOLD PLATE 0.76µm MIN. THK. OVER NICKEL
1.27µm MIN. THK.
SOLDER TAILS, TIN 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
YEAR WEEK

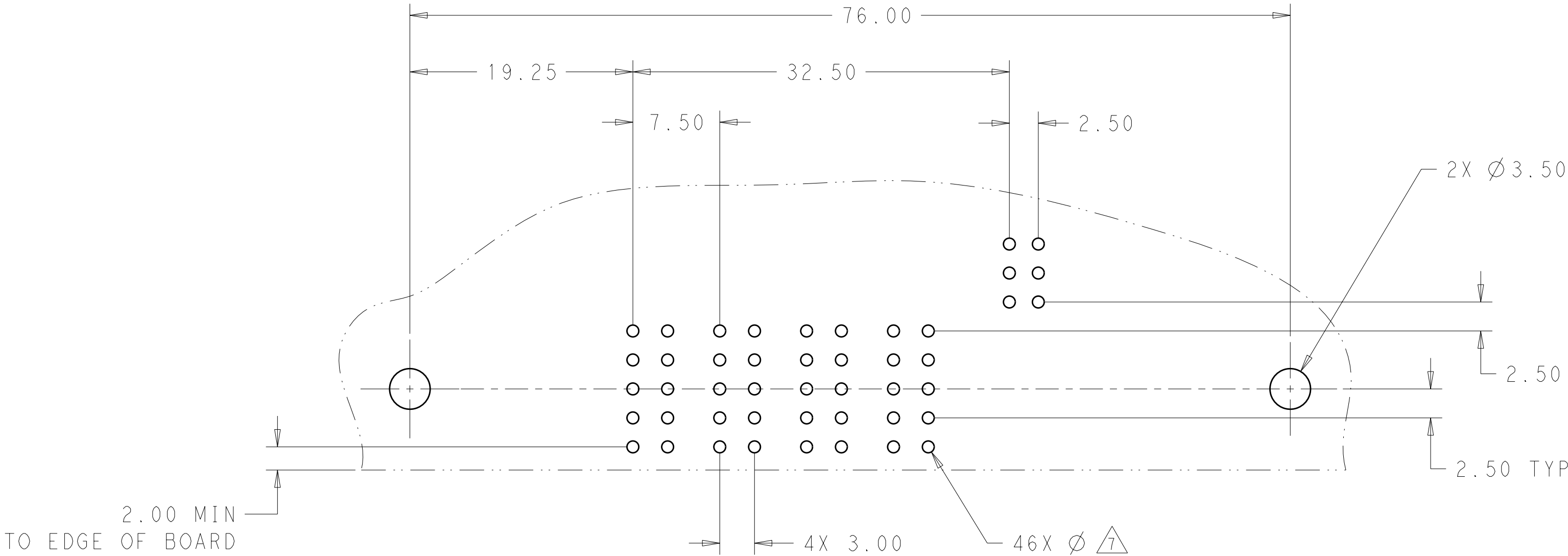
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)
XXXXXXXX-X XXXX

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



AS SHOWN	6646830-1
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 R. GRZYBOWSKI 16SEP2009	Tyco Electronics Harrisburg, PA 17105-3608			
DIMENSIONS: mm		CHK M. SYKES 16SEP2009	NAME SOCKET CONNECTOR ASSEMBLY RIGHT ANGLE, SOLDER TAIL FLATPAQ			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.25 2 PLC ±.5 3 PLC ±.5 4 PLC ±.5 ANGLES ±1 FINISH		APVD M. PERCHERKE 16SEP2009	SIZE A200779C-6646830			
MATERIAL 2 -		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	RESTRICTED TO -			
		3 -	SCALE 3:1 SHEET 1 OF 3 REV A			
			CUSTOMER 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	FP104	4	8	4	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP315	1	22	6	.64 SQ. [.025]	3 amps	2.50 [.0984]	125
	FP506	2	GUIDE SOCKET, PASSIVE					
	FP0500	1	LEFT MOUNTING FLANGE					
	FP0501	1	RIGHT MOUNTING FLANGE					

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SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.25

2 PLC ±.25

3 PLC ±.25

4 PLC ±.25

ANGLES ±1

FINISH

DWN

R. GRZYBOWSKI

16SEP2009

CHK

M. SYKES

16SEP2009

APVD

M. PERCHERKE

16SEP2009

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR ASSEMBLY
RIGHT ANGLE, SOLDER TAIL
FLATPAQ

SIZE

A2

CAGE CODE

00779

DRAWING NO

6646830

RESTRICTED TO

-

SCALE

3:1

SHEET

2

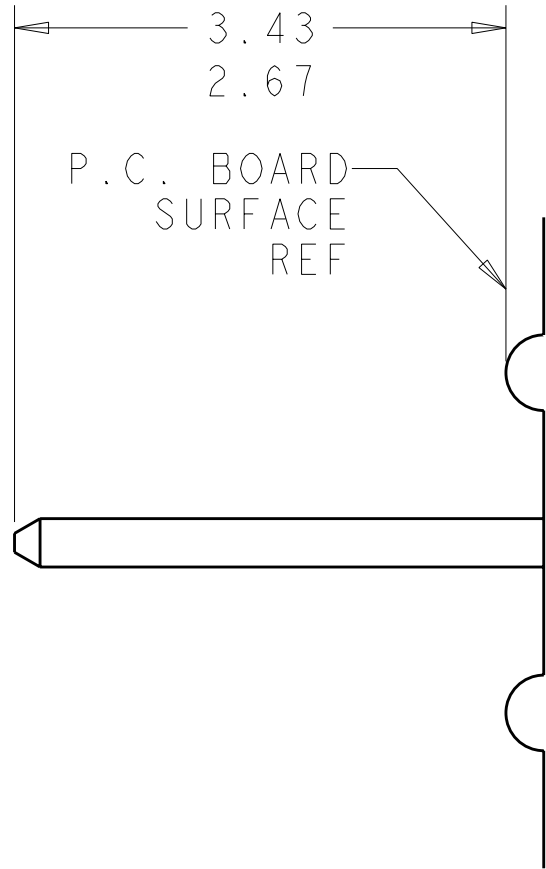
OF

3

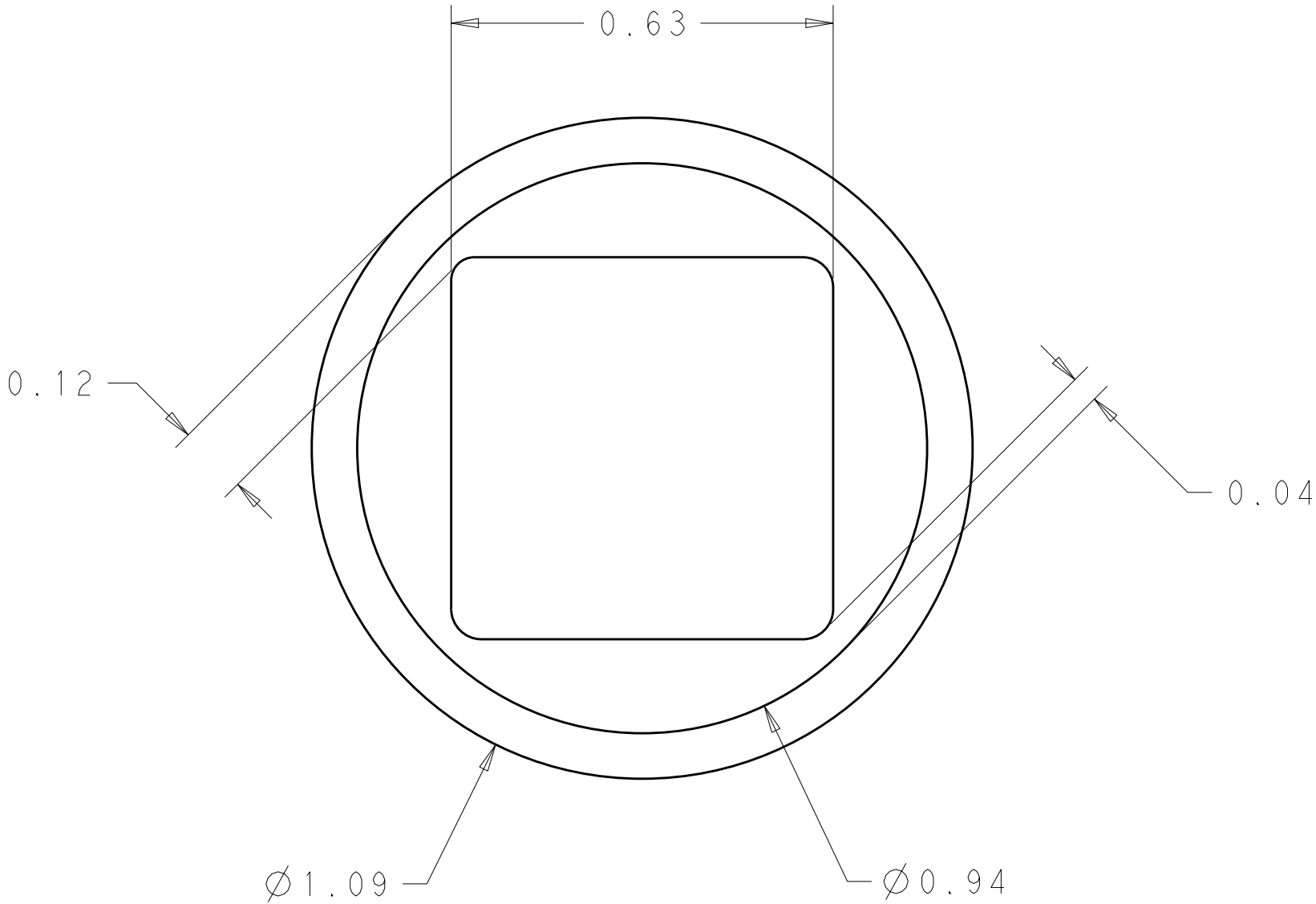
REV

A

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



6. SOLDER 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)

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 16SEP2009 CHK M.SYKES 16SEP2009 APVD M.PERCHEKKE 16SEP2009	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		PRODUCT SPEC -	NAME SOCKET CONNECTOR ASSEMBLY RIGHT ANGLE, SOLDER TAIL FLATPAQ	
		APPLICATION SPEC -		
MATERIAL -	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.25 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±1 FINISH	WEIGHT -	SIZE A200779	CAGE CODE C-6646830
CUSTOMER DRAWING			SCALE 3:1	SHEET 3 OF 3
			REV A	