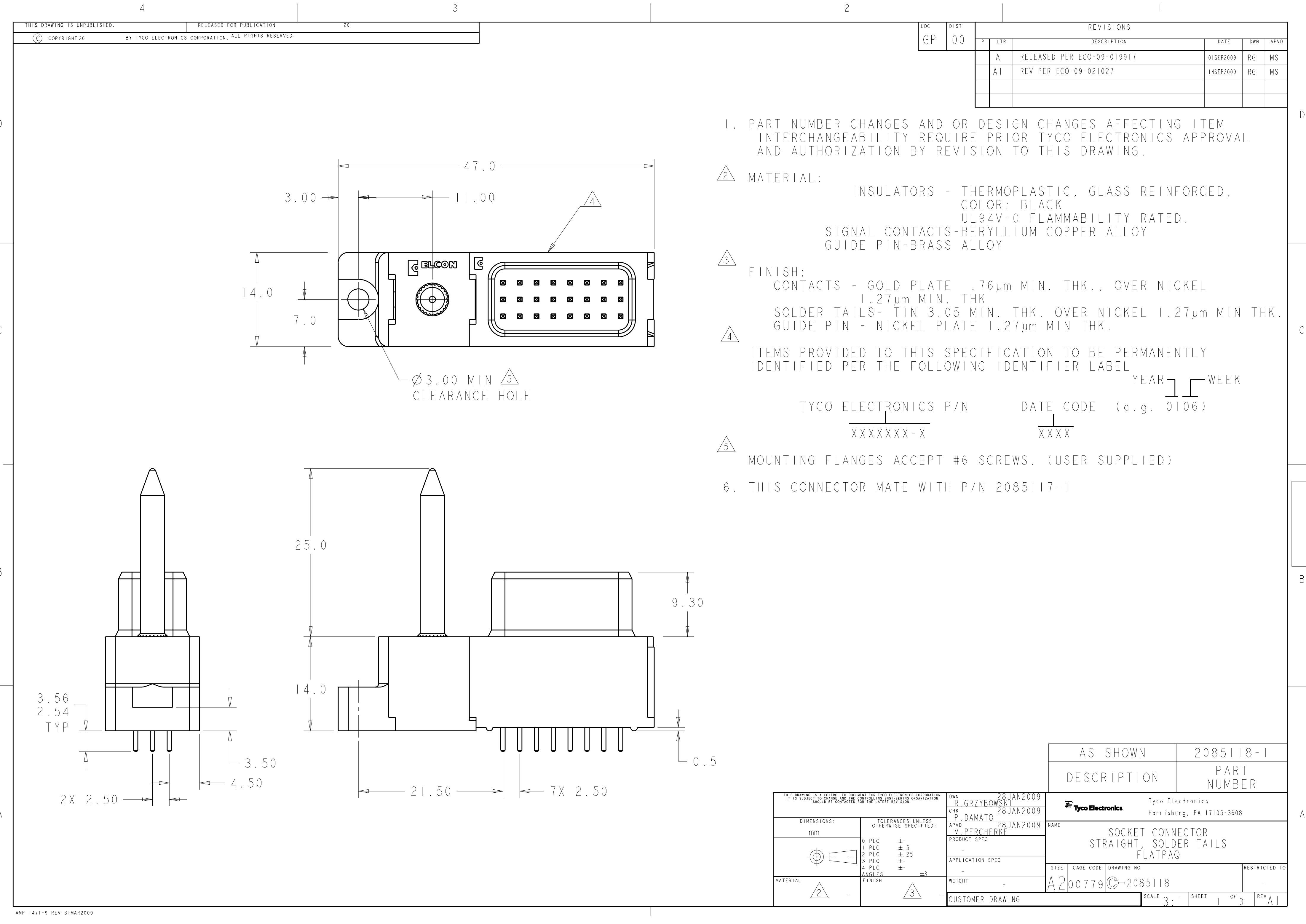




1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2 MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
SIGNAL CONTACTS-BERYLLIUM COPPER ALLOY
GUIDE PIN-BRASS ALLOY

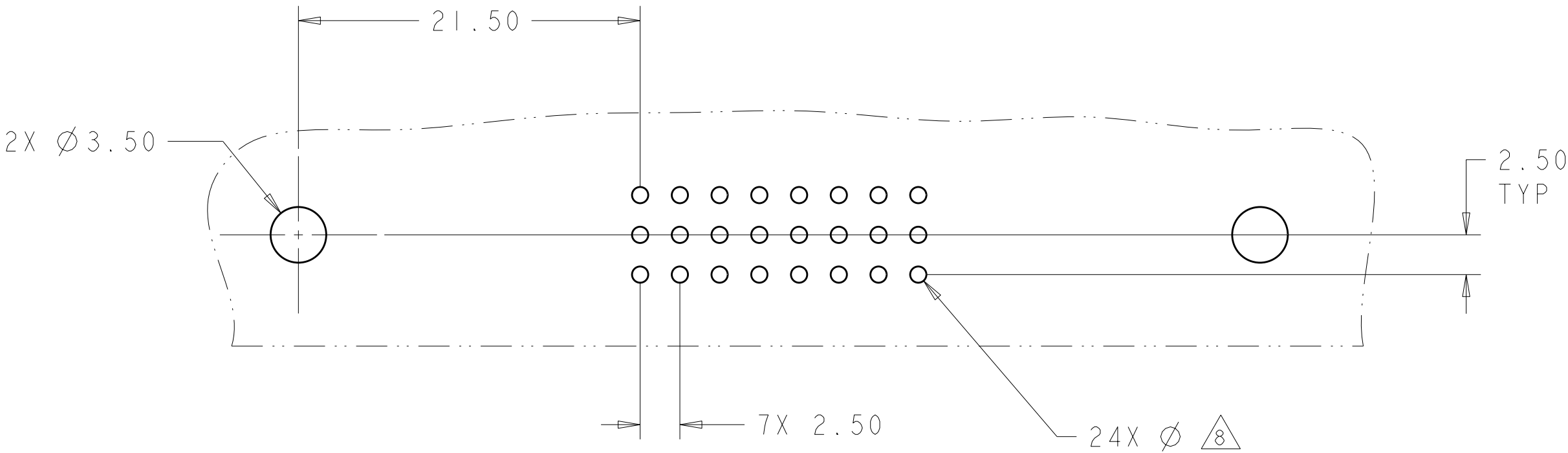
3 FINISH: CONTACTS - GOLD PLATE .76µm MIN. THK., OVER NICKEL
1.27µm MIN. THK
SOLDER TAILS- TIN 3.05 MIN. THK. OVER NICKEL 1.27µm MIN THK.
GUIDE PIN - NICKEL PLATE 1.27µm MIN THK.

4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL
YEAR 11 WEEK 1
TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)
XXXXXXXX-X XXXX

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

6. THIS CONNECTOR MATE WITH P/N 2085117-1

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 28JAN2009	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK P. DAMATO 28JAN2009	NAME SOCKET CONNECTOR STRAIGHT, SOLDER TAILS FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±. 4 PLC ±. ANGLES ±3 FINISH		APVD M. PERCHERKE 28JAN2009	SIZE A200779	CAGE CODE C-2085118
MATERIAL 2 -		PRODUCT SPEC - APPLICATION SPEC - WEIGHT - CUSTOMER DRAWING	DRAWING NO - SCALE 3:1	RESTRICTED TO - SHEET 1 OF 3 REV A1



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP318	1	22	24	.64 SQ.	3 amps	2.50	125 VOLTS
	FP503	1	STRAIGHT GUIDE PIN, PASSIVE					
	FP501	1	MOUNTING FLANGE, RIGHT					

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SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.

4 PLC ±.

ANGLES ±3

FINISH

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

28 JAN 2009

CHK

P. DAMATO

28 JAN 2009

APVD

M. PERCHERKE

28 JAN 2009

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR
STRAIGHT, SOLDER TAILS
FLATPAQ

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2085118

-

SCALE

3:1

SHEET

2

OF

3

REV

A1

AMP 1471-9 REV 31MAR2000

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

D

D

C

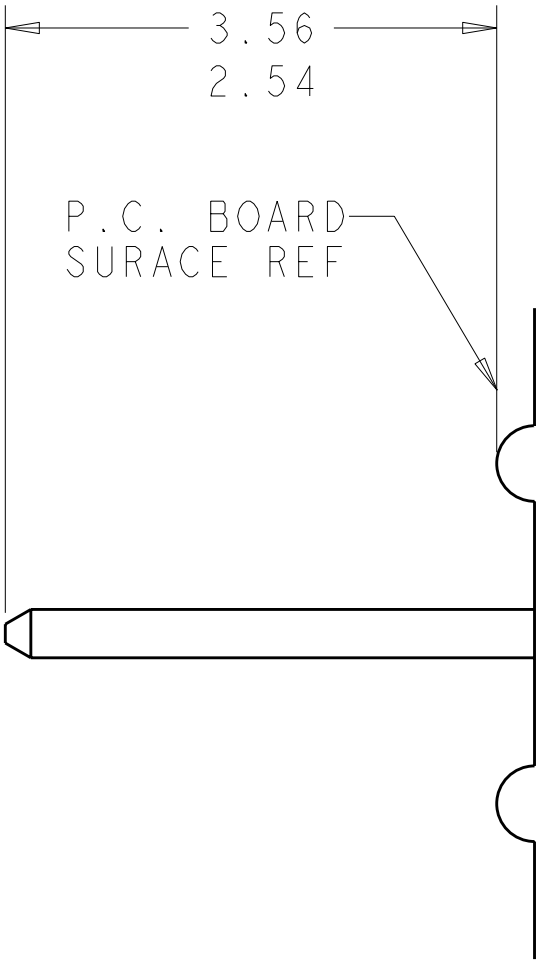
C

B

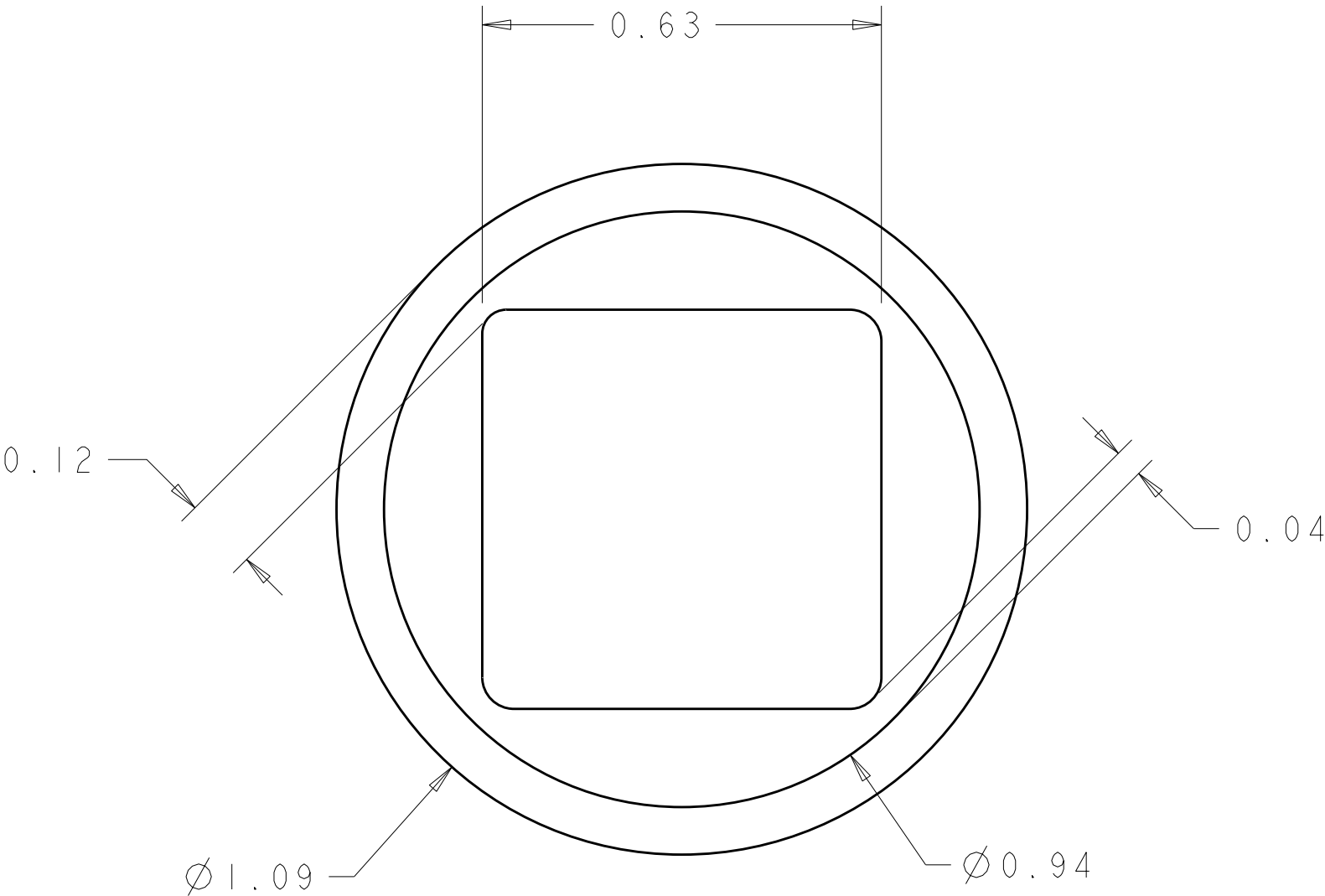
B

A

A



7. SOLDER PIN DETAIL
SCALE 10 : 1



8. SOLDER TERMNIATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT 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 P. DAMATO 28JAN2009	NAME	
		APVD M. PERCHERKE 28JAN2009	SOCKET CONNECTOR STRAIGHT, SOLDER TAILS FLATPAQ	
		PRODUCT SPEC	SIZE	
		APPLICATION SPEC	CAGE CODE	
		MATERIAL	DRAWING NO	
FINISH		WEIGHT	RESTRICTED TO	
-		-	-	
CUSTOMER DRAWING			SCALE 3:1	SHEET 3 OF 3
			REV A1	