

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
A		RELEASED		15FEB2007	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
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY

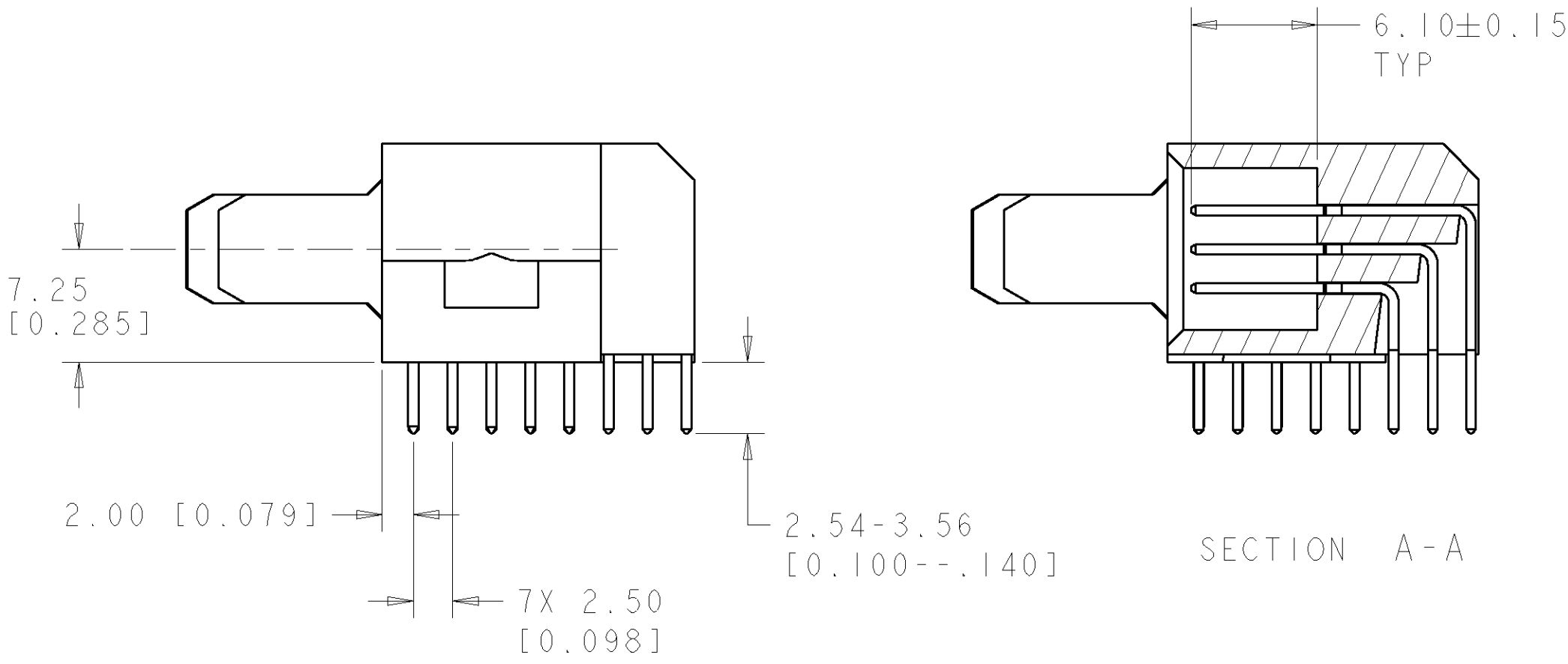
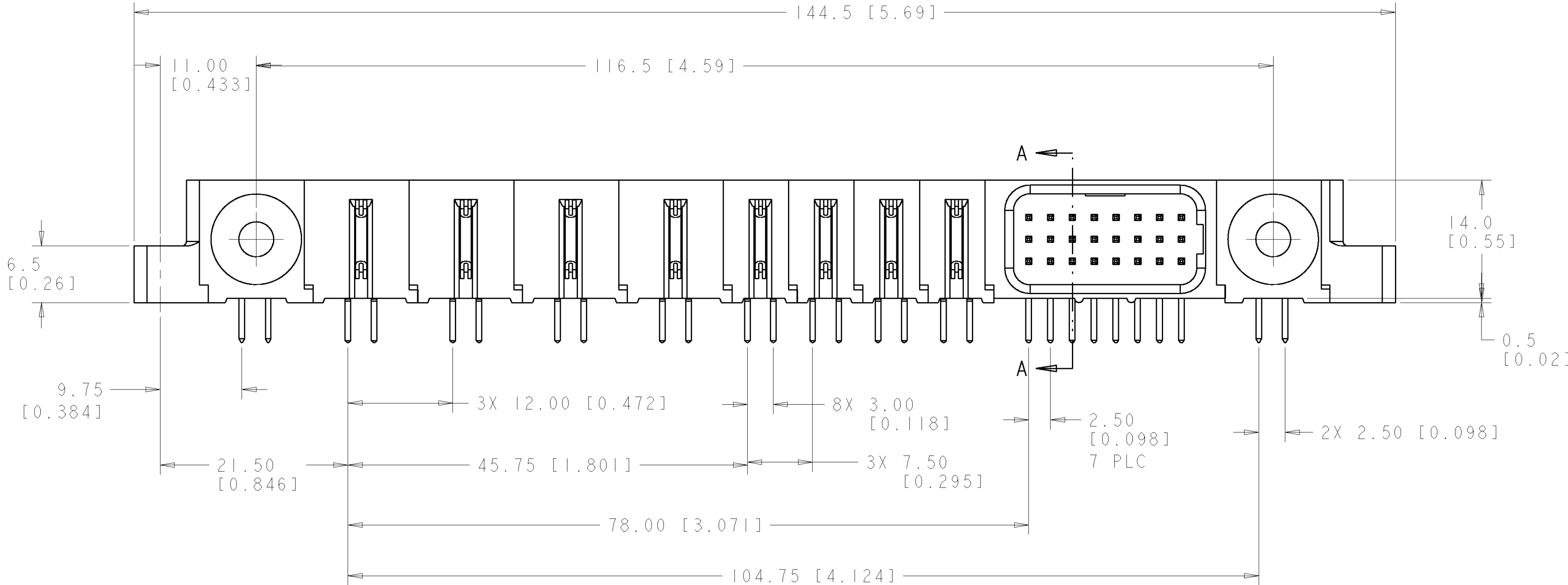
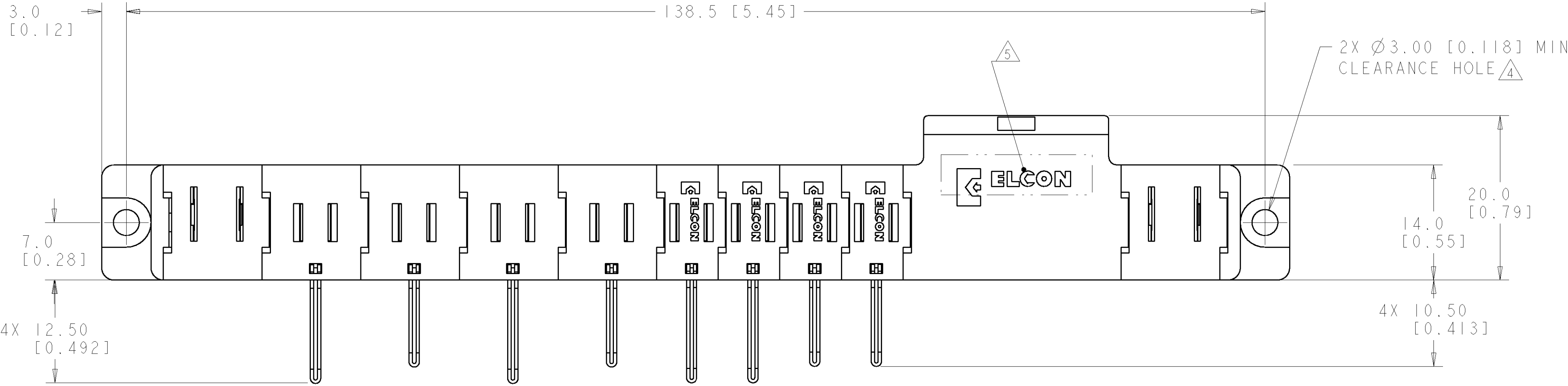
3. FINISH:
CONTACTS - GOLD PLATE .000030" MIN. THK., OVER NICKEL
.000050" MIN. THK
SOLDER TAILS, TIN .000120" MIN. THK.
OVER NICKEL .000050" MIN THK.

△ MOUNTING FLANGES ACCEPT #6 SCREWS, (USER SUPPLIED)

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

TYCO PART NO. DATE CODE (e.g. 0106)
XXXXXXX-X XXXX

6. THIS CONNECTOR MATES WITH SOCKET CONNECTOR PN 1926309-1.



ELCON FLATPAQ

AMP 4805 REV 31MAR2000

Pro/ENGINEER DRAWING

AS SHOWN		1926308-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±.5 (.020) ±.25 (.010) ± ±.5	
MATERIAL		FINISH	
-		-	
DWN R. GRZYBOWSKI CHK P. DAMATO APVD S. FLICKINGER		01DEC06 01DEC06 01DEC06	
PRODUCT SPEC		APPLICATION SPEC	
WEIGHT		CUSTOMER DRAWING	
-		-	
tyco Electronics		Tyco Electronics Harrisburg, PA 17105-3608	
NAME		PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS	
SIZE		CAGE CODE	
A100779		C=1926308	
RESTRICTED TO		SCALE	
-		3:1	
SHEET		OF	
1		3	
REV		A	

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

D

C

B

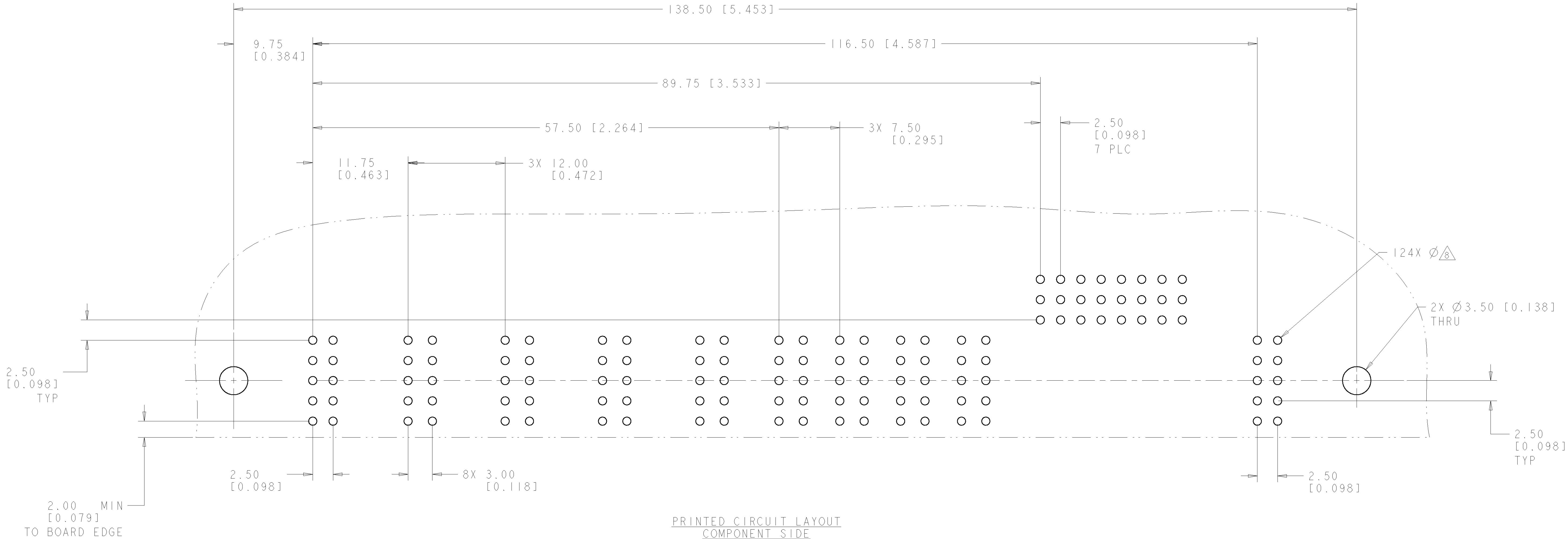
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D

C

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A



CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FPI05	2	4	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI06	2	4	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI21	2	4	8	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [0.473]	600 VOLTS
	FPI22	2	4	8	1.25 X 7.00 [.049 X .276]	35 amps	12.00 [0.473]	600 VOLTS
	FP302	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP516	2	-	RIGHT ANGLE GUIDE SOCKET, ACTIVE				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON

FLATPAQ

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DIMENSIONS:
mm [INCHES]

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.5 (.020)

2 PLC ±.25 (.010)

3 PLC ±.5 (.020)

4 PLC ±.5

ANGLES ±.5

FINISH -

FINISH

-

DWN R. GRZYBOWSKI 01DEC06

CHK P. DAMATO 01DEC06

APVD S. FLICKINGER 01DEC06

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

tyco
Electronics

Tyco Electronics
Harrisburg, PA 17105-3608

NAME

PIN CONNECTOR, RIGHT ANGLE
SOLDER TAILS

SIZE

A

CAGE CODE

00779

DRAWING NO

1926308

RESTRICTED TO

-

SCALE

3:1

SHEET

2

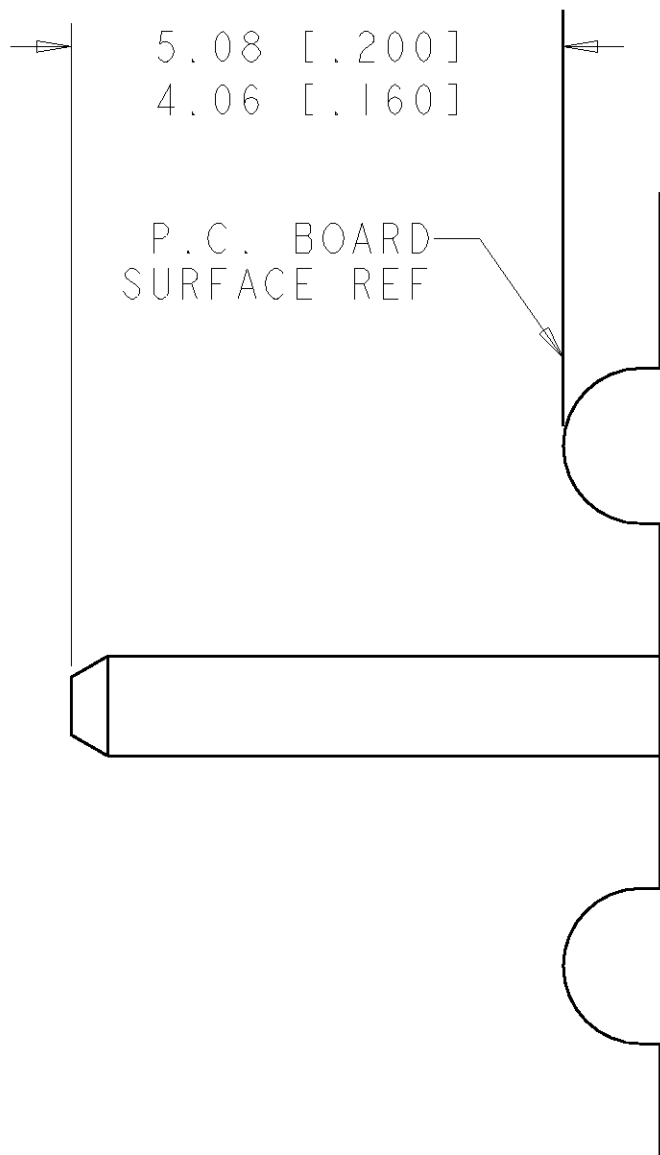
OF

3

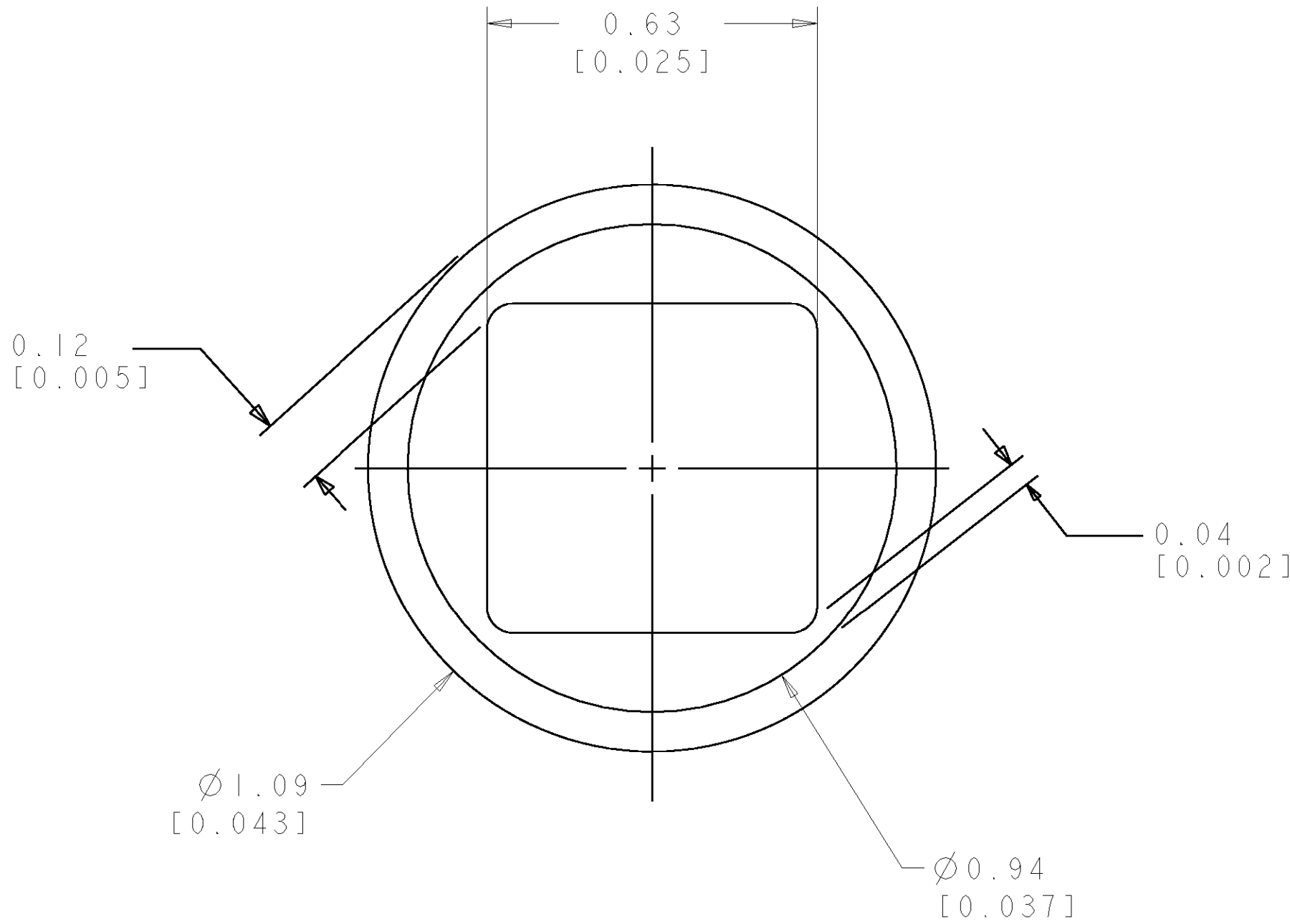
REV

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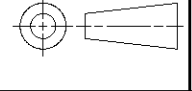
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



7. SOLDER PIN DETAIL
SCALE 10:1



 SOLDER TERMNIATION 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)

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		CHK P. DAMATO	01DEC06				
		APVD S. FLICKINGER	01DEC06	NAME			
		PRODUCT SPEC		PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS -			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE	
		0 PLC	±	-		CAGE CODE	
		1 PLC	±.5 [.020]			DRAWING NO	
		2 PLC	±.25 [.010]			A 100779	
		3 PLC	±			C=1926308	
MATERIAL		4 PLC	±	WEIGHT		-	
-		ANGLES	± 5	CUSTOMER DRAWING		SCALE 3:1	
-		FINISH	-	SHEET 3 OF 3		REV A	
-		-		RESTRICTED TO		-	