

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		05JAN2007	RG	SF	

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
SOLDER SIGNAL PINS-BRASS ALLOY
CROWN BAND-BERYLLIUM COPPER ALLOY

3. FINISH:
CONTACTS - GOLD PLATE 0.76µm MIN. THK., OVER
NICKEL 1.27µm MIN. THK
SOLDER TAILS, TIN 3.05µm MIN. THK.
OVER NICKEL 1.27µm MIN THK.

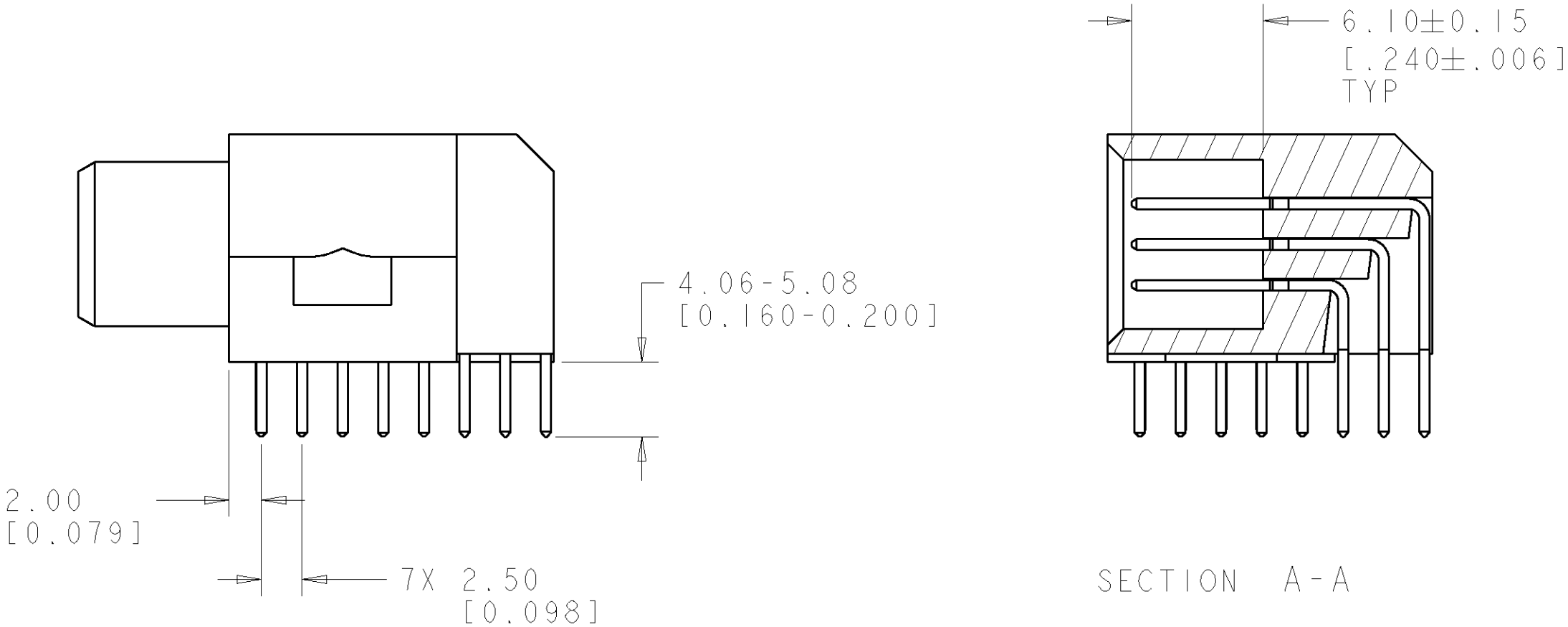
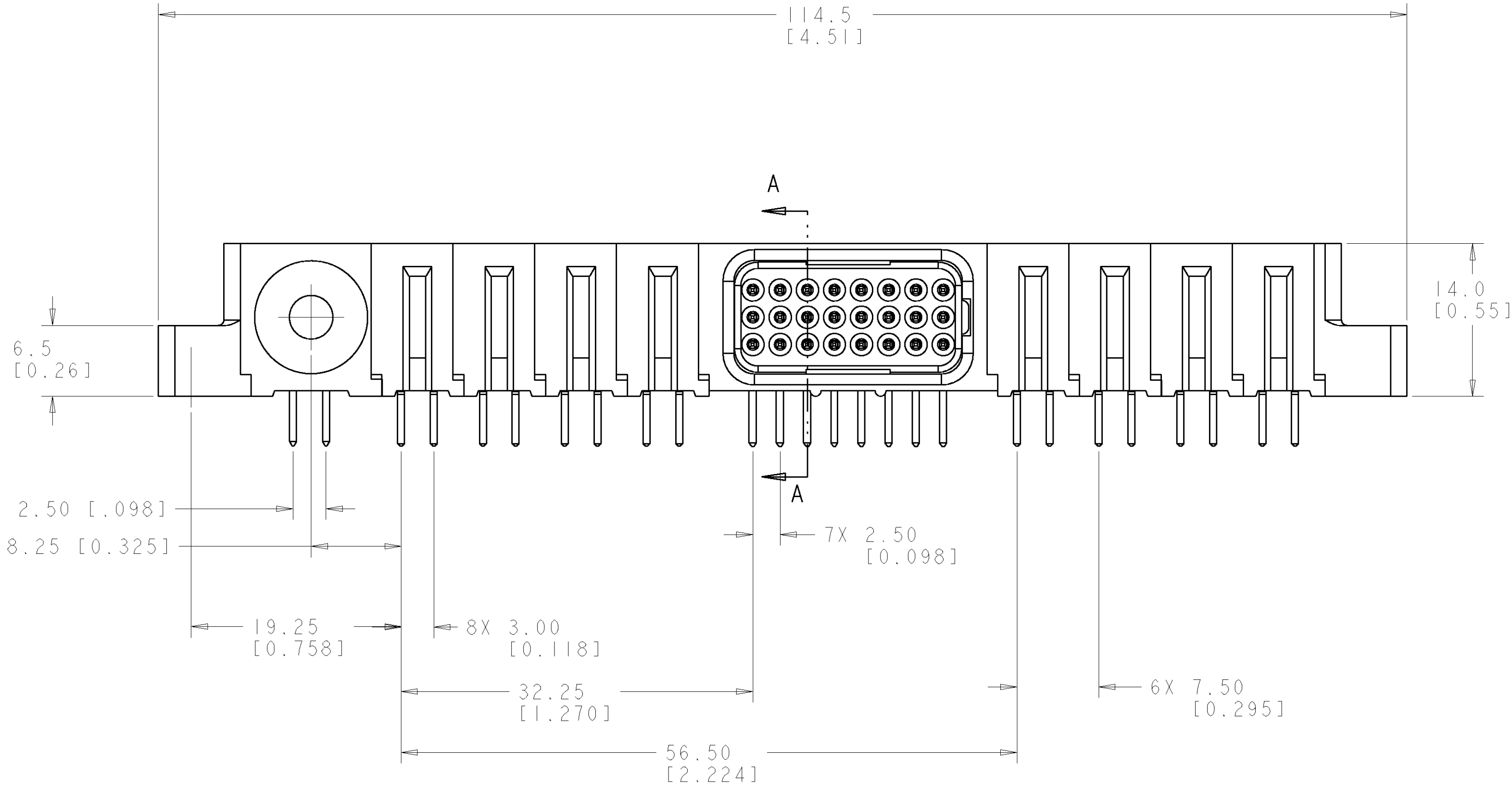
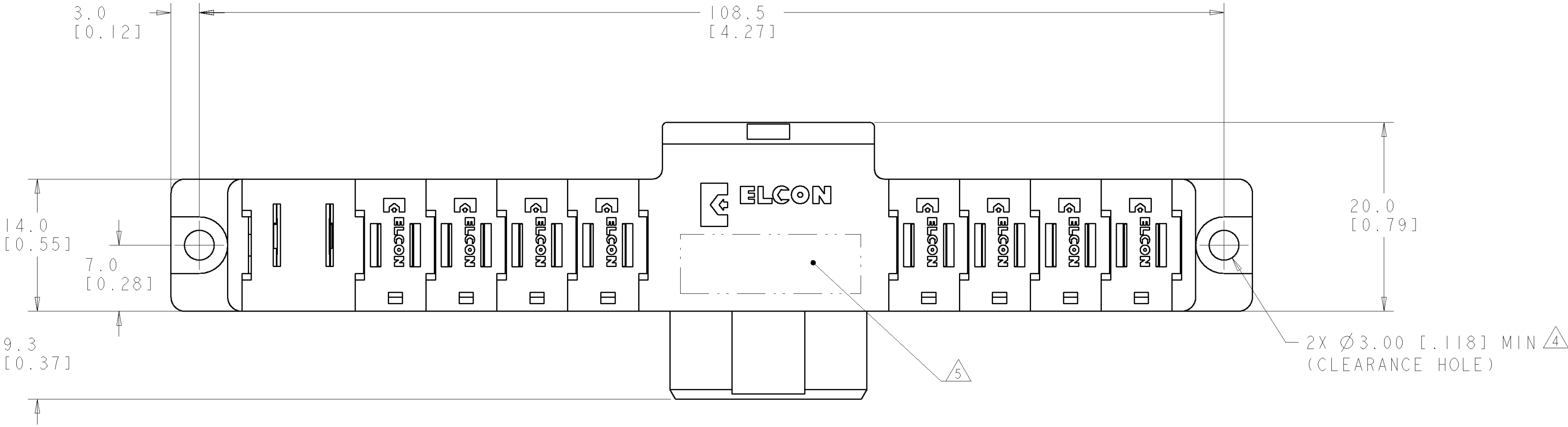
4 MOUNTING FLANGES ACCEPT M3 OR #4-40 SCREWS, (USER SUPPLIED)

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

YEAR1WEEK

TYCO ELECTRONICS P/NXXXXXXXX-X

DATE CODE (e.g. 0106)XXXX



ELCON

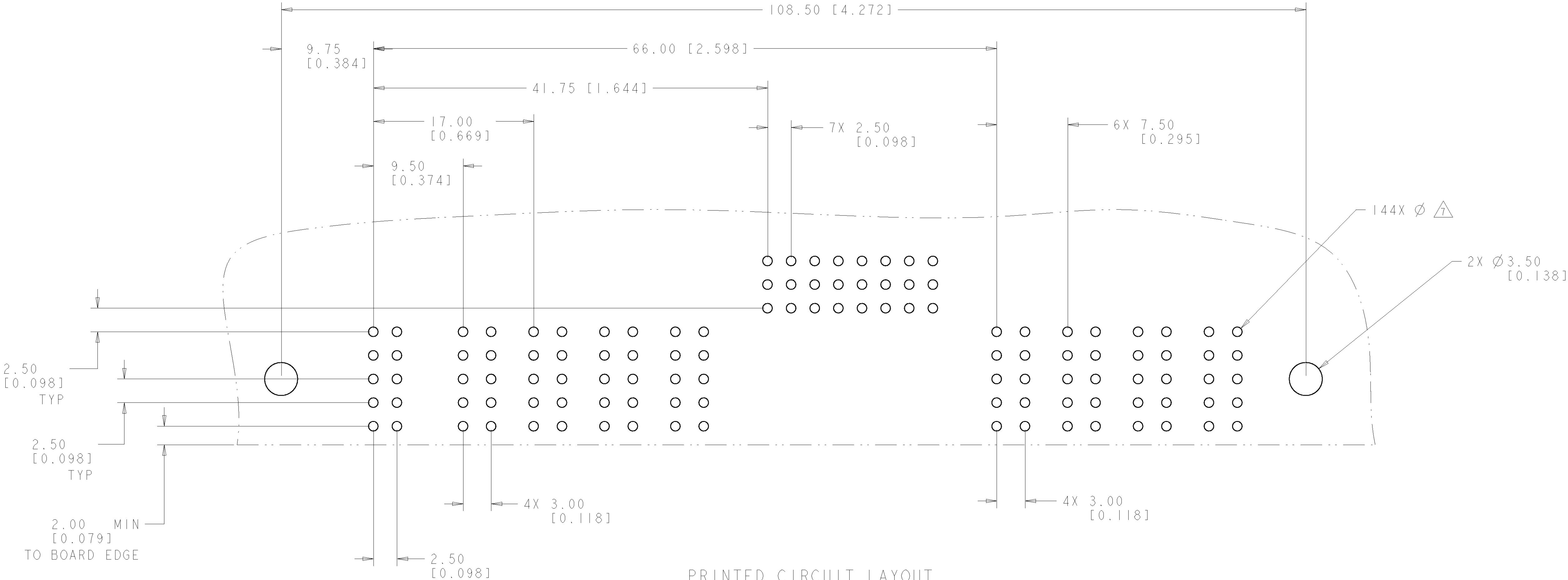
FLATPAQ

AMP 4805 REV 31MAR2000

Pro/ENGINEER DRAWING

AS SHOWN		6648037-1	
DESCRIPTION		PART NUMBER	
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
9 PLC ±.5 [.020]		1 PLC ±.5 [.020]	
2 PLC ±.25 [.010]		3 PLC ±.25 [.010]	
4 PLC ±.25 [.010]		5 PLC ±.25 [.010]	
MATERIAL		FINISH	
-		-	
DWN R.GRZYBOWSKI 05JAN07		CHK S.FLICKINGER 05JAN07	
APVD S.FLICKINGER 05JAN07		NAME	
PRODUCT SPEC		APPLICATION SPEC	
WEIGHT		CUSTOMER DRAWING	
SIZE		CAGE CODE	
A100779		C=6648037	
SCALE		SHEET	
3:1		1 OF 3	
REV		A	

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



CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP104	8	16	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP303	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125
	FP516	1	1	RIGHT ANGLE GUIDE SOCKET				
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON

FLATPAQ

THE DIMENSIONS TO DIMENSIONS SPECIFIED FOR THIS ELECTRONIC CORPORATION
THIS IS THE DIMENSION TO DIMENSIONS SPECIFIED FOR THE CORRESPONDING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST EDITION.

DIMENSIONS:

mm[INCHES]

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5 [.020]

1 PLC ±.5 [.020]

2 PLC ±.25 [.010]

3 PLC ±.25 [.010]

4 PLC ±.25 [.010]

ANGLES ±.5

FINISH -

FINISH

-

DWN R.GRZYBOWSKI 05JAN07

CHK S.FLICKINGER 05JAN07

APVD S.FLICKINGER 05JAN07

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics

Harrisburg, PA 17105-3608

NAME

SOCKET CONNECTOR, RIGHT ANGLE
STANDARD SOLDER TAILS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

C=6648037

-

-

SCALE

3:1

SHEET

2

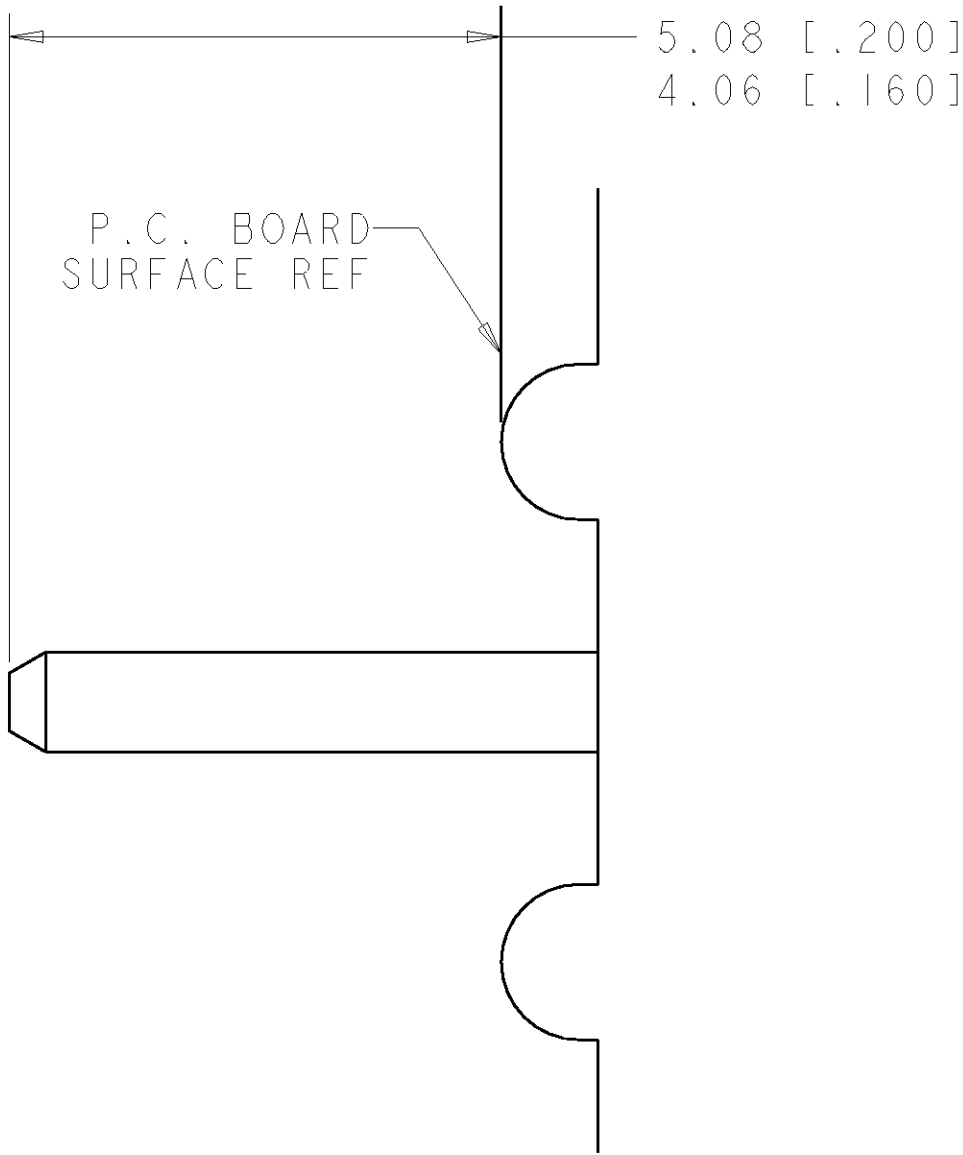
OF

3

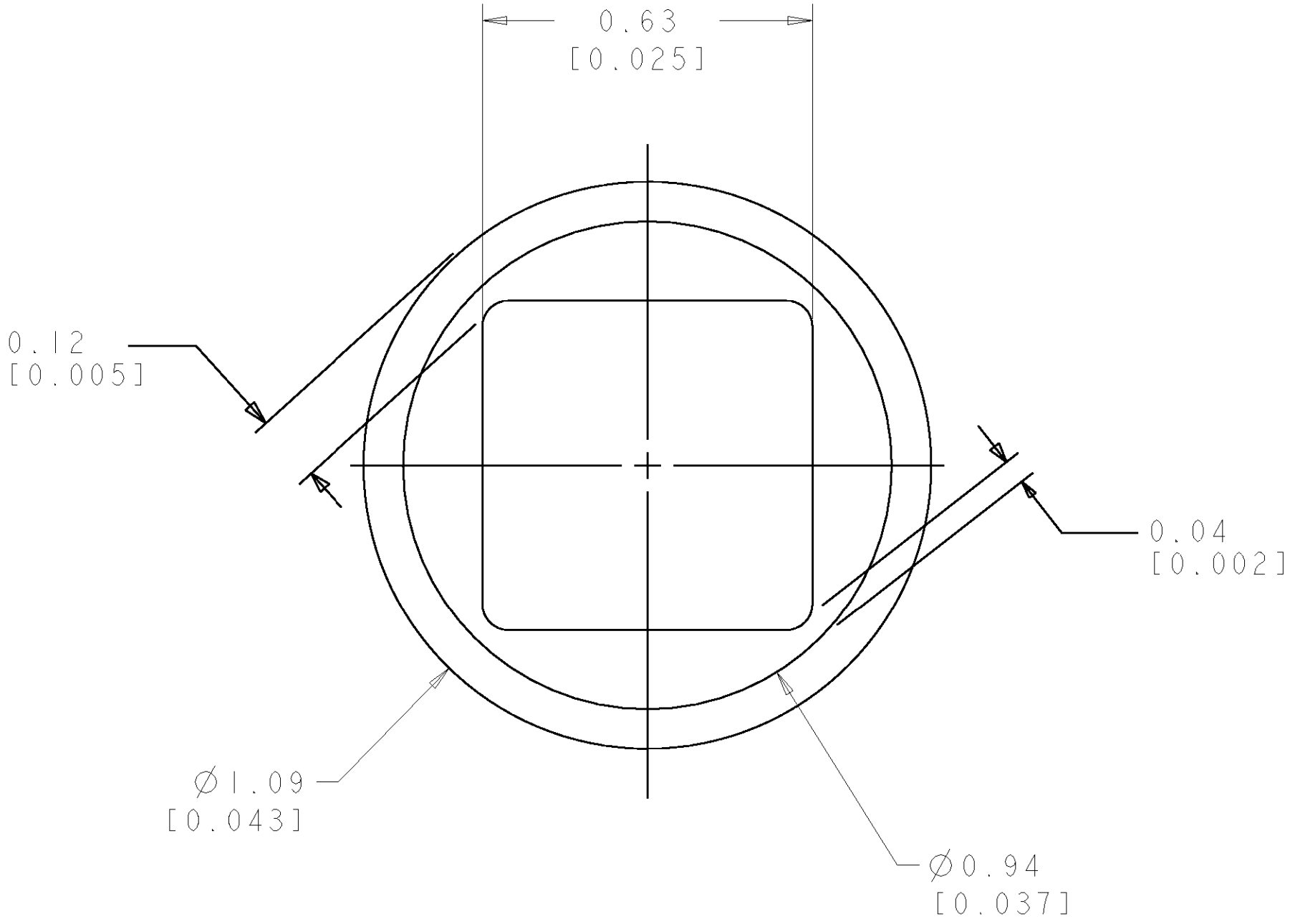
REV

A

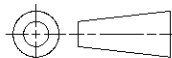
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



6. SOLDER 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)

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT FOR THAT INFORMATION CONSIDERED UNCLASSIFIED TO EXEMPT THE CONTROLLING AND CONTROLLING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST EDITION.		DWN R.GRZYBOWSKI	05JAN07	 Tyco Electronics Harrisburg, PA 17105-3608	
		CHK S.FLICKINGER	05JAN07		
		APVD S.FLICKINGER	05JAN07	NAME SOCKET CONNECTOR, RIGHT ANGLE STANDARD SOLDER TAILS	
		PRODUCT SPEC			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	
		0 PLC	±	WEIGHT -	
		1 PLC	±.5 [.020]		
		2 PLC	±.25 [.010]		
		3 PLC	±		
MATERIAL -		4 PLC	±	CUSTOMER DRAWING	
		ANGLES	± 5		
FINISH -		SCALE 3:1		SHEET 3 OF 3	
				REV A	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6648037-1](#)