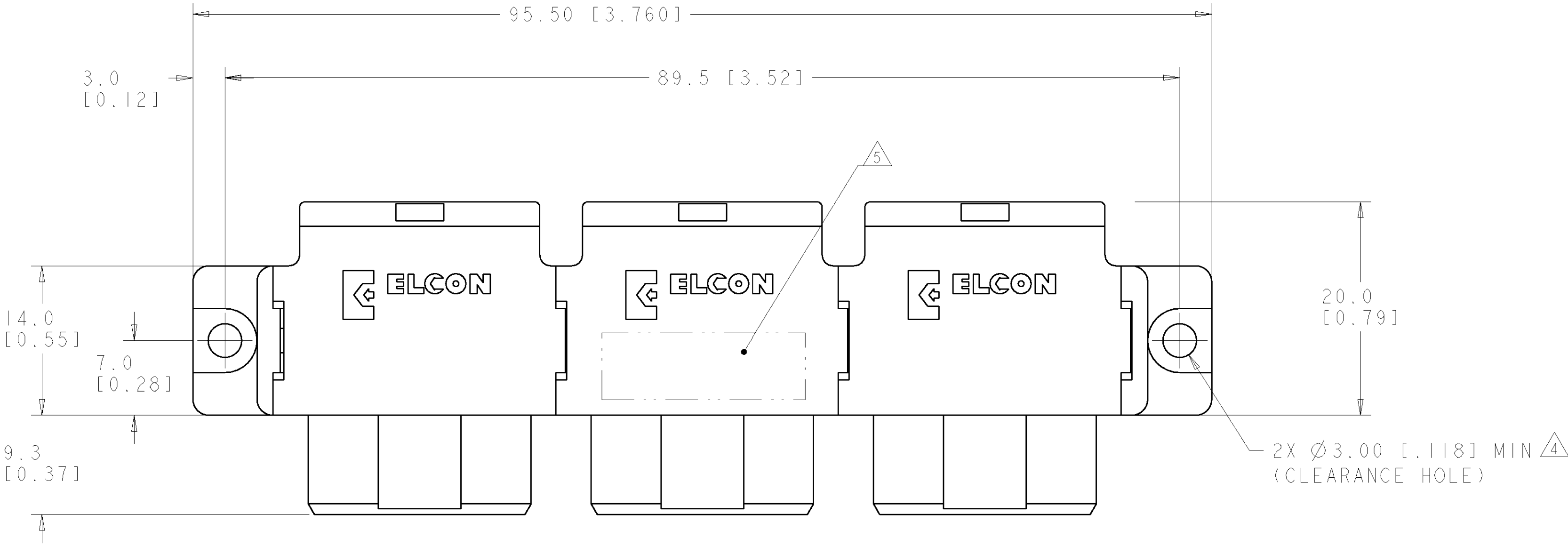


LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	RELEASED		05JAN2007	RG	SF	



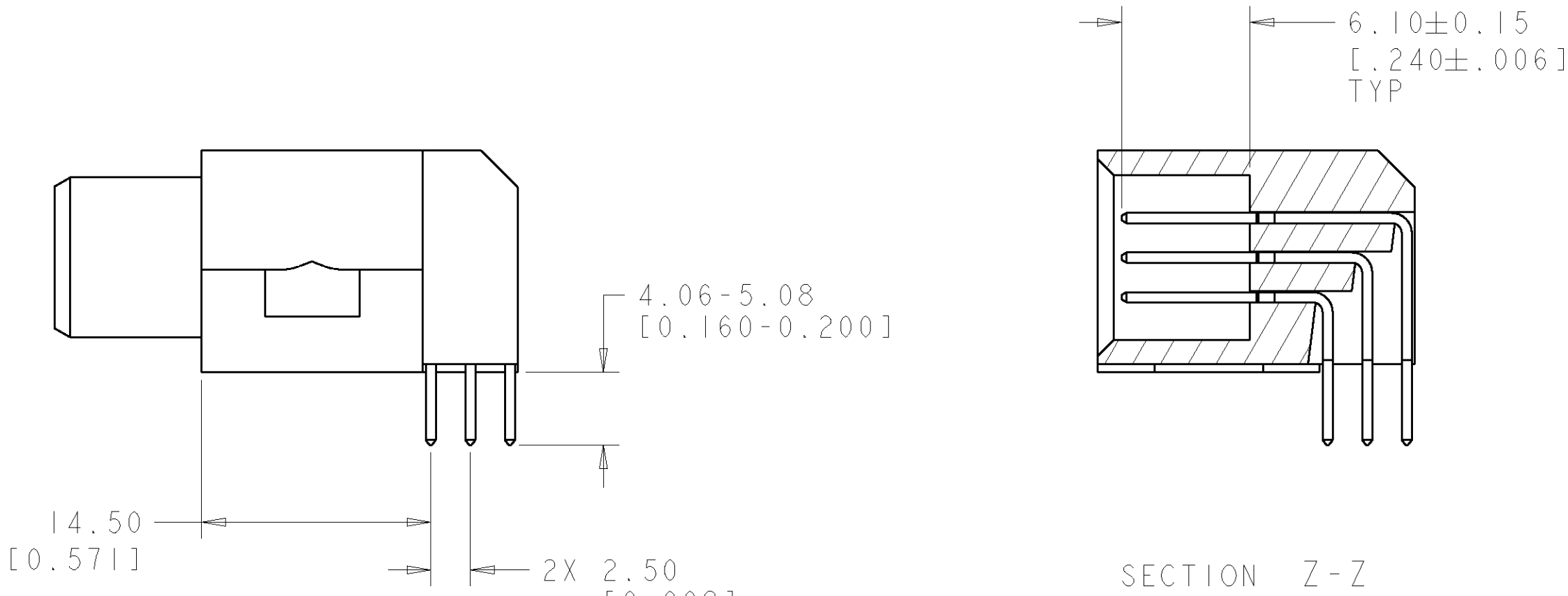
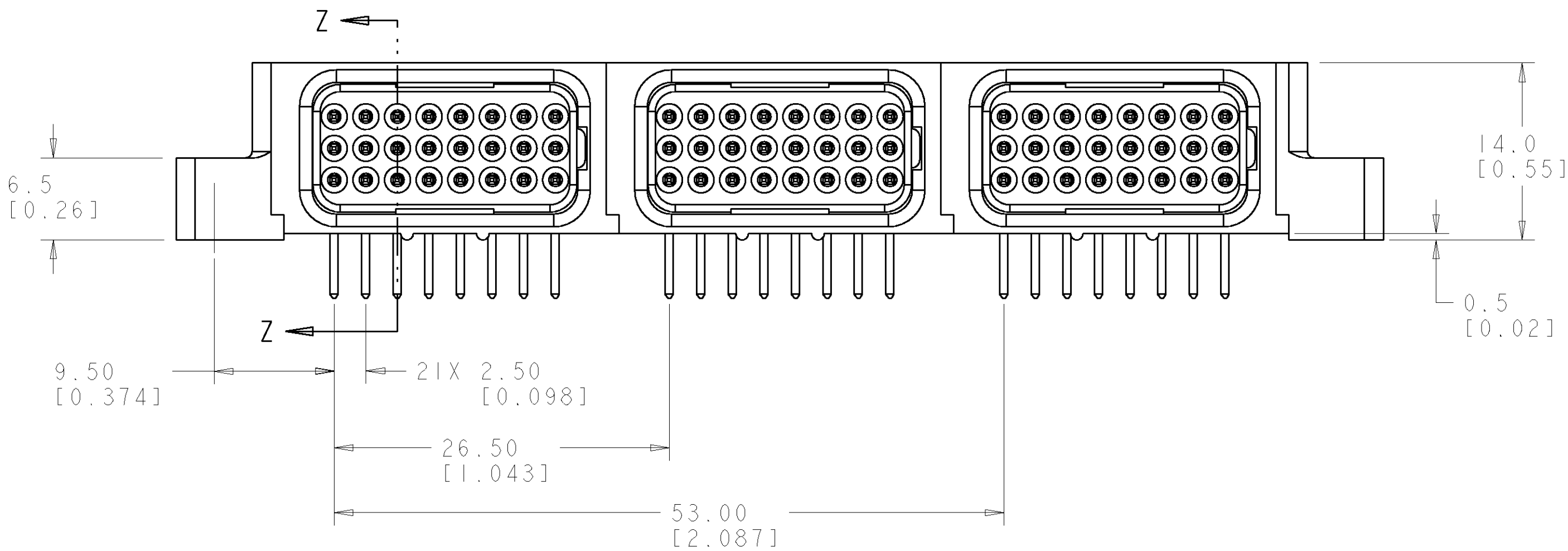
- PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
- MATERIAL:
INSULATORS - THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
SOLDER SIGNAL PINS-BRASS ALLOY
- FINISH:
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

TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

XXXXXXXX-X XXXX

YEAR 1 WEEK 1



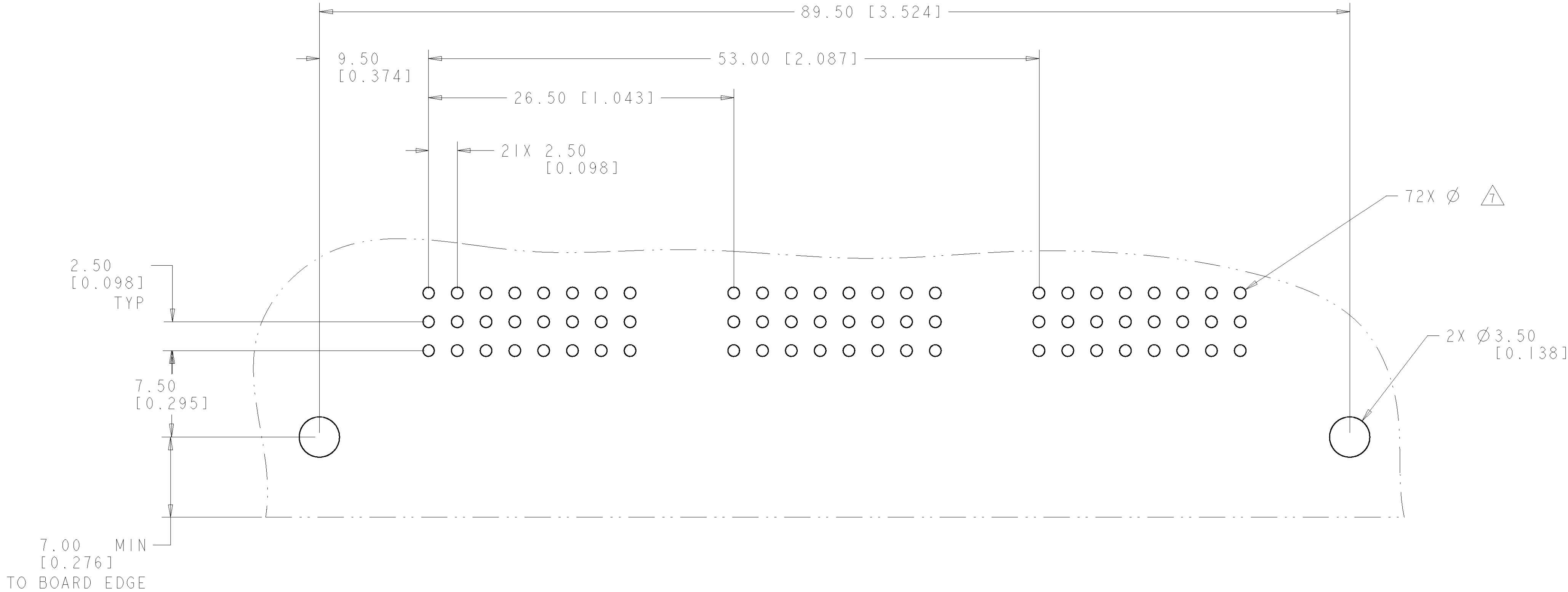
SECTION Z-Z

ELCON FLATPAQ

AS SHOWN	6648031-1
DESCRIPTION	PART NUMBER

DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN R. GRZYBOWSKI CHK S. FLICKINGER APVD S. FLICKINGER		Tyco Electronics Harrisburg, PA 17105-3608	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES		± ±.5 [.020] ±.25 [.010] ± ±.5		05JAN07 05JAN07 05JAN07		NAME SOCKET CONNECTOR, RIGHT ANGLE STANDARD SOLDER TAILS	
MATERIAL -		FINISH -		PRODUCT SPEC -		SIZE A 100779	
CUSTOMER DRAWING		WEIGHT -		APPLICATION SPEC -		CAGE CODE 6648031	
SCALE 3:1		SHEET 1 OF 3		REV A		RESTRICTED TO -	

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



PRINTED CIRCUIT LAYOUT
COMPONENT SIDE

CONNECTOR	EQUIVALENT CATALOG MODULE #	MODULE QTY	CONTACT QTY	SIZE NO.	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FP303	3	72	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON FLATPAQ

THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED BY THE CUSTOMER. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION WHEN NO LONGER REQUIRED 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 ±.5 [.020]
4 PLC ±.5 [.020]
ANGLES ±.5
FINISH -

-

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

05JAN07
05JAN07
05JAN07

PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

NAME
SOCKET CONNECTOR, RIGHT ANGLE
STANDARD SOLDER TAILS

SIZE
A

CAGE CODE
00779

DRAWING NO.
6648031

RESTRICTED TO
-

SCALE
3:1

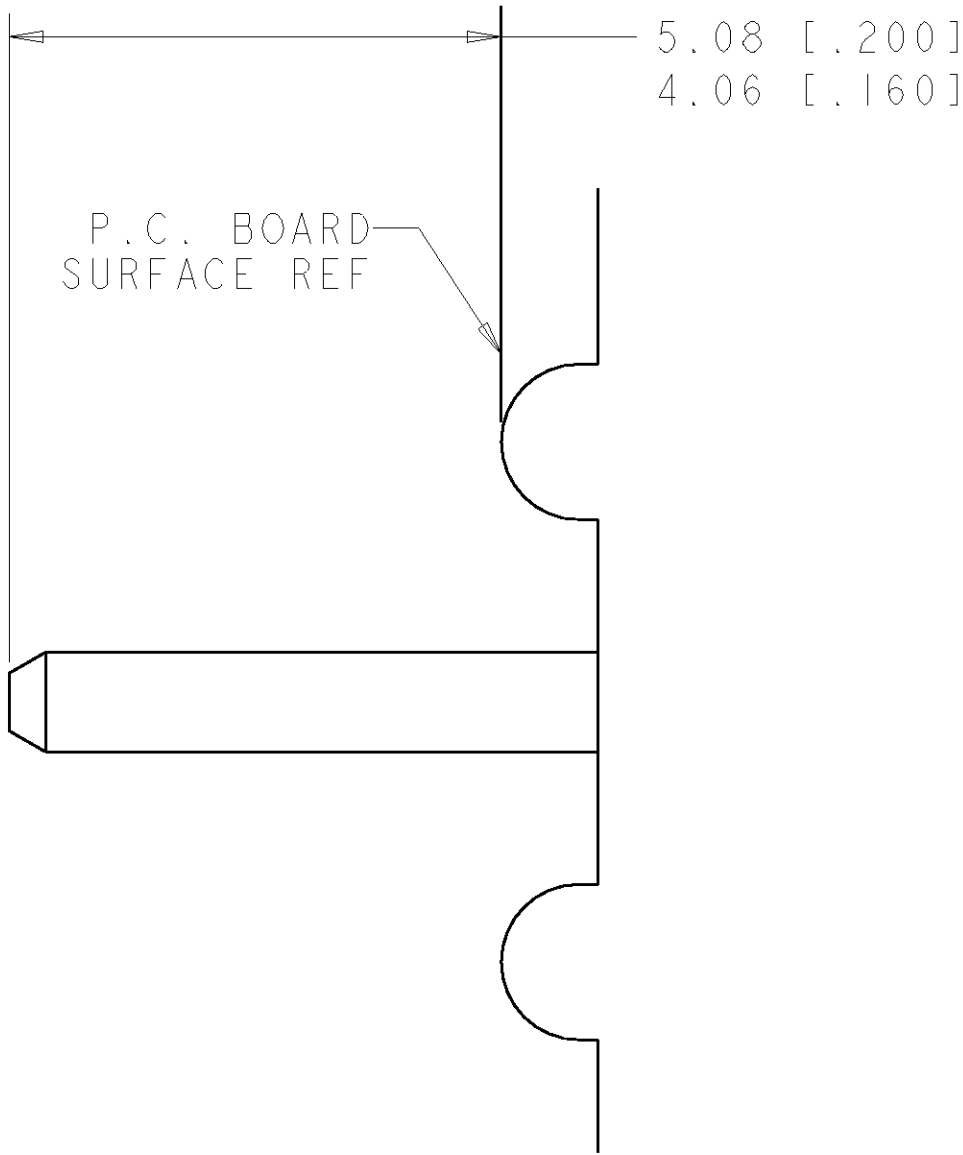
SHEET
2

OF
3

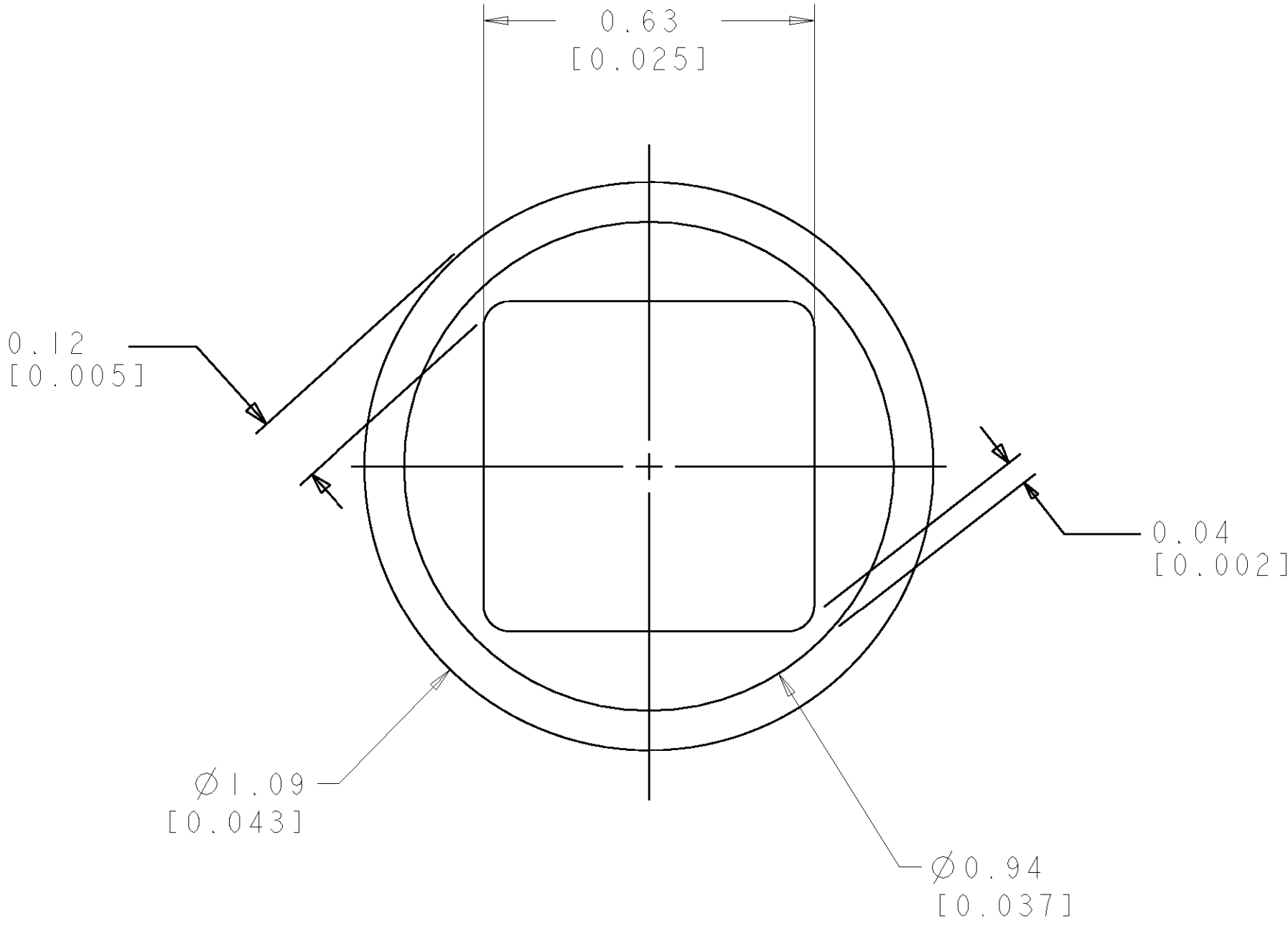
REV
A

AMP 4805 REV 31MAR2000

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



6. SOLDER PIN DETAIL
SCALE 10:1



SOLDER TERMINATION 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)

<small>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.</small>		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		
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE	
		0 PLC	±	CAGE CODE	
		1 PLC	±.5 [.020]	DRAWING NO	
		2 PLC	±.25 [.010]	RESTRICTED TO	
		3 PLC	±	A100779C=6648031	
MATERIAL		4 PLC	±	SCALE	
-		ANGLES	± 5	3:1	
FINISH		WEIGHT	-	SHEET	
-		CUSTOMER DRAWING	-	3 OF 3	
				REV	
				A	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6648031-1](#)