

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	NEW RELEASE	17SEP2007	RG	PD
			A1	REVISE PER ECO-15-001366	28JAN2015	SZ	SZ

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 0.75µm MIN. THK., OVER
NICKEL 1.27µm MIN. THK
SOLDER TAILS, TIN 3.05µm MIN. THK.
OVER NICKEL 1.27µm MIN THK.

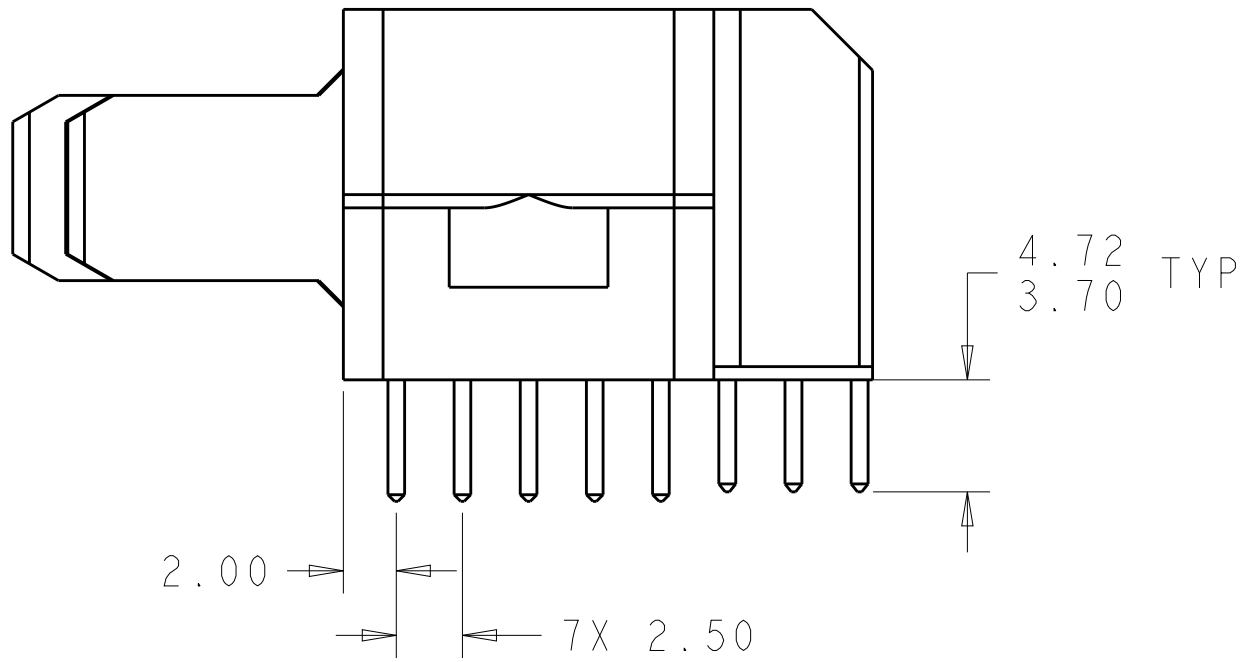
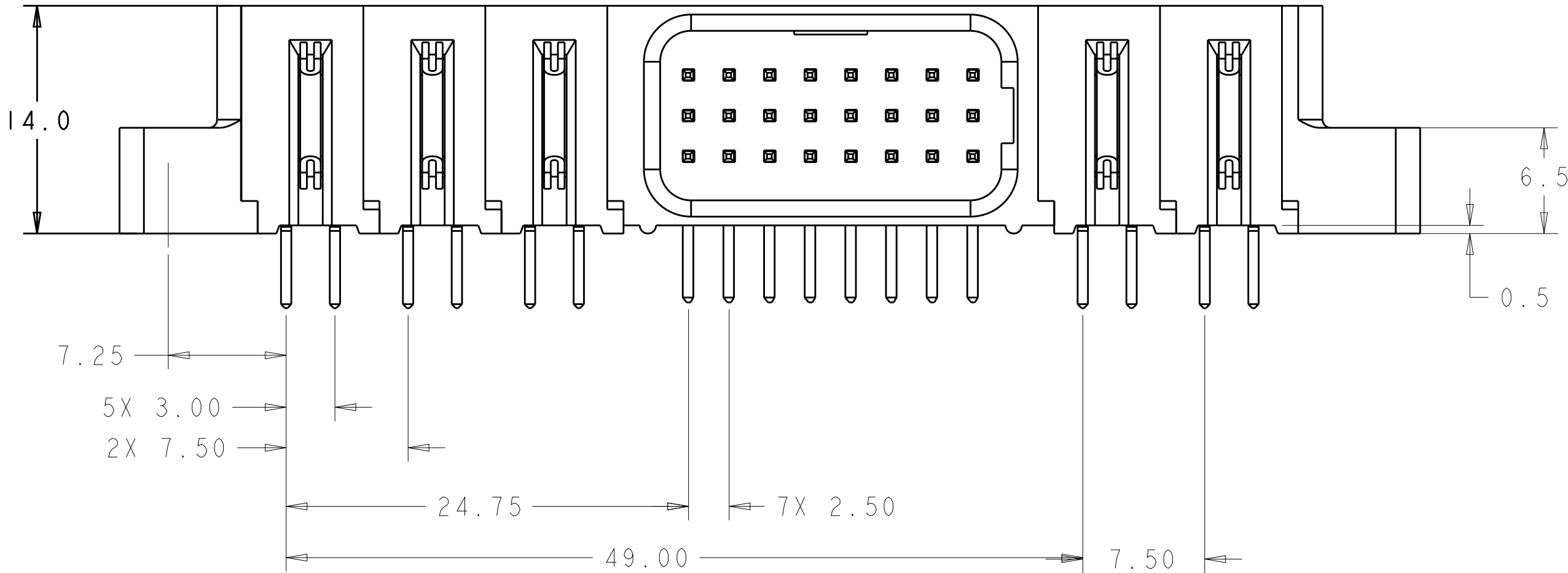
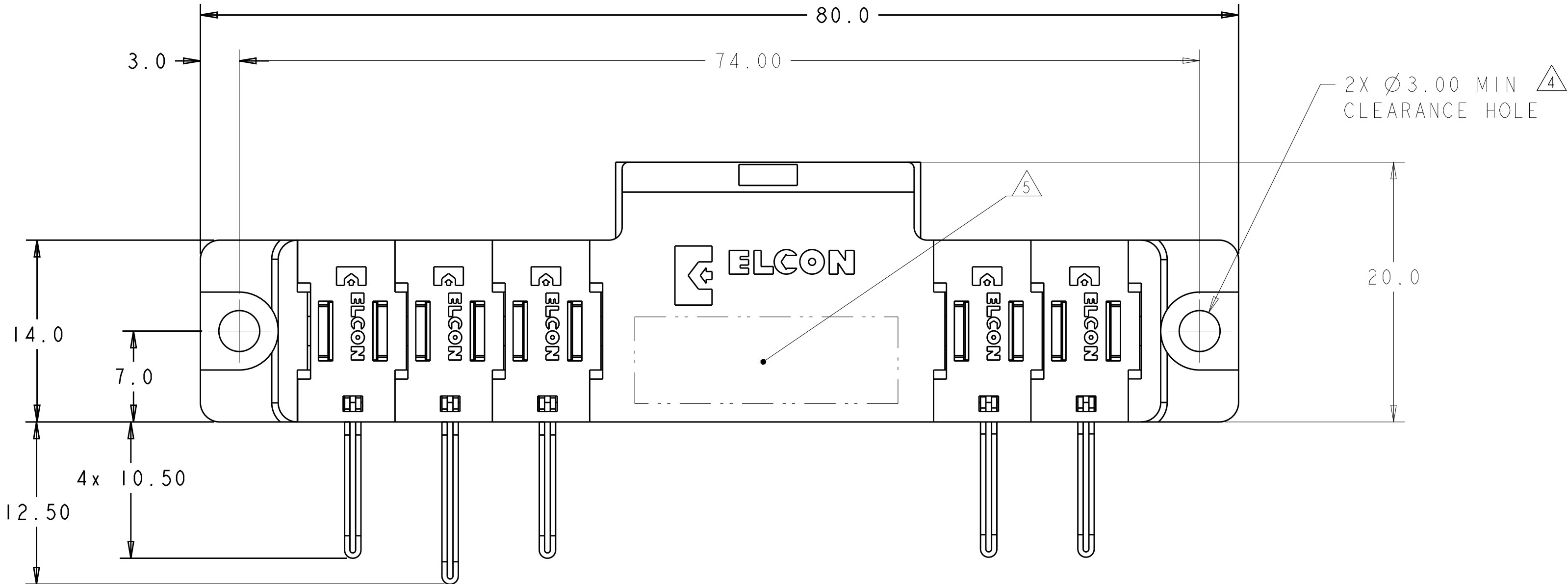
- △4

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/NXXXXXXXX-X

DATE CODE (e.g. 0106)YEAR1WEEK

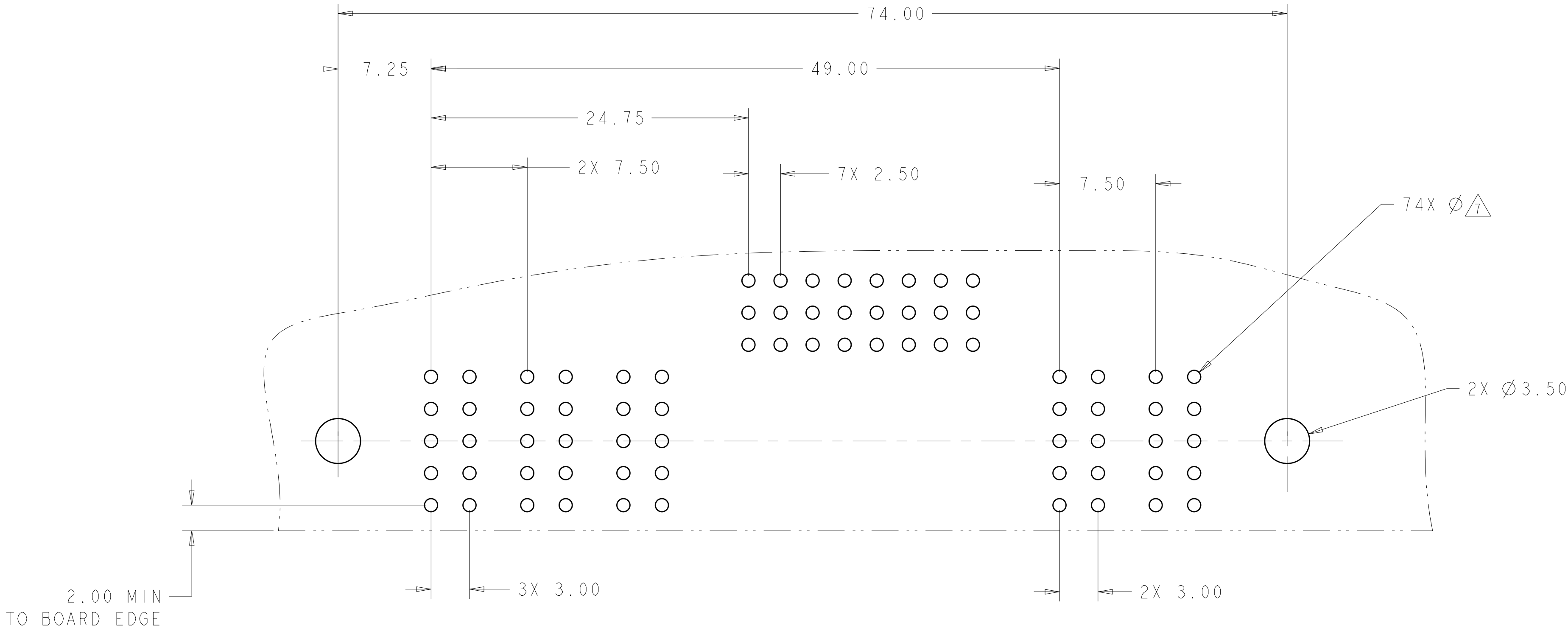


ELCON

FLATPAQ

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DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS FLATPAQ	
0 PLG ±.5 1 PLG ±.5 2 PLG ±.25 3 PLG ±. 4 PLG ±. ANGLES ±.5 FINISH		PRODUCT SPEC APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		RESTRICTED TO	
CUSTOMER DRAWING		SCALE 3:1		SHEET 1 OF 3	
				REV A1	

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	FPI51	4	4	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI52	1	1	8	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP302	1	24	22	.64 [.025] SQ.	3 amps	2.50 [.0984]	125 VOLTS
	FP500	1	-	LEFT MOUNTING FLANGE				
	FP501	1	-	RIGHT MOUNTING FLANGE				

ELCON FLATPAQ

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DIMENSIONS:
mm[INCHES]

MATERIAL: -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.5
1 PLC ±.5
2 PLC ±.25
3 PLC ±.5
4 PLC ±.5
ANGLES ±.5
FINISH -

FINISH -

DWN: R. GRZYBOWSKI 17SEPT07
CHK: P. DAMATO 17SEPT07
APVD: S. FLICKINGER 17SEPT07

PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -

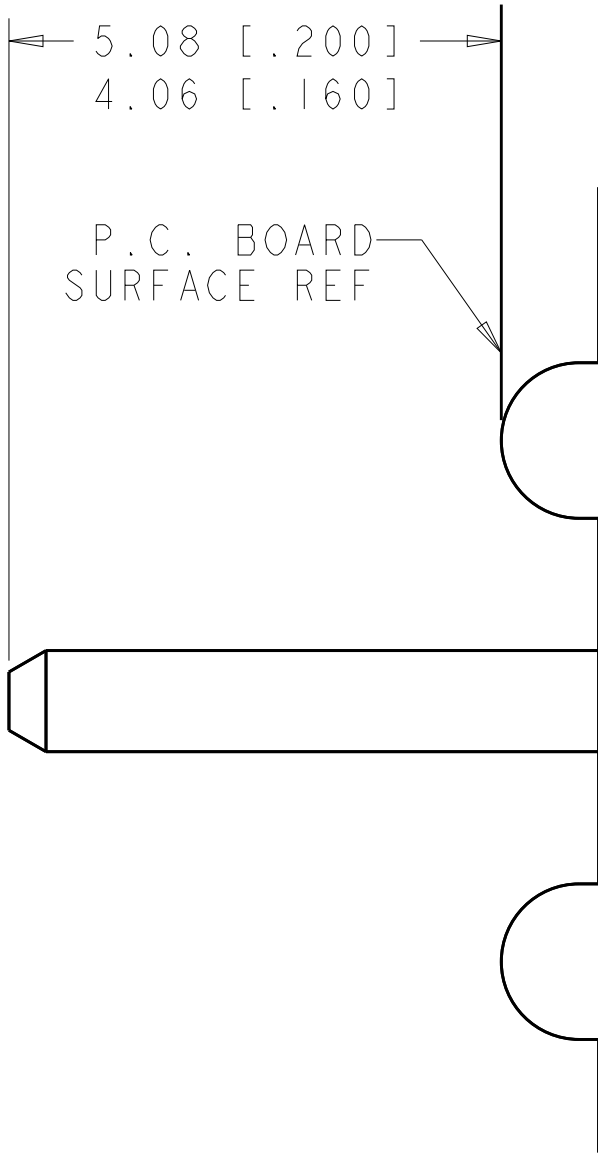
CUSTOMER DRAWING

Tyco Electronics
Harrisburg, PA 17105-3608

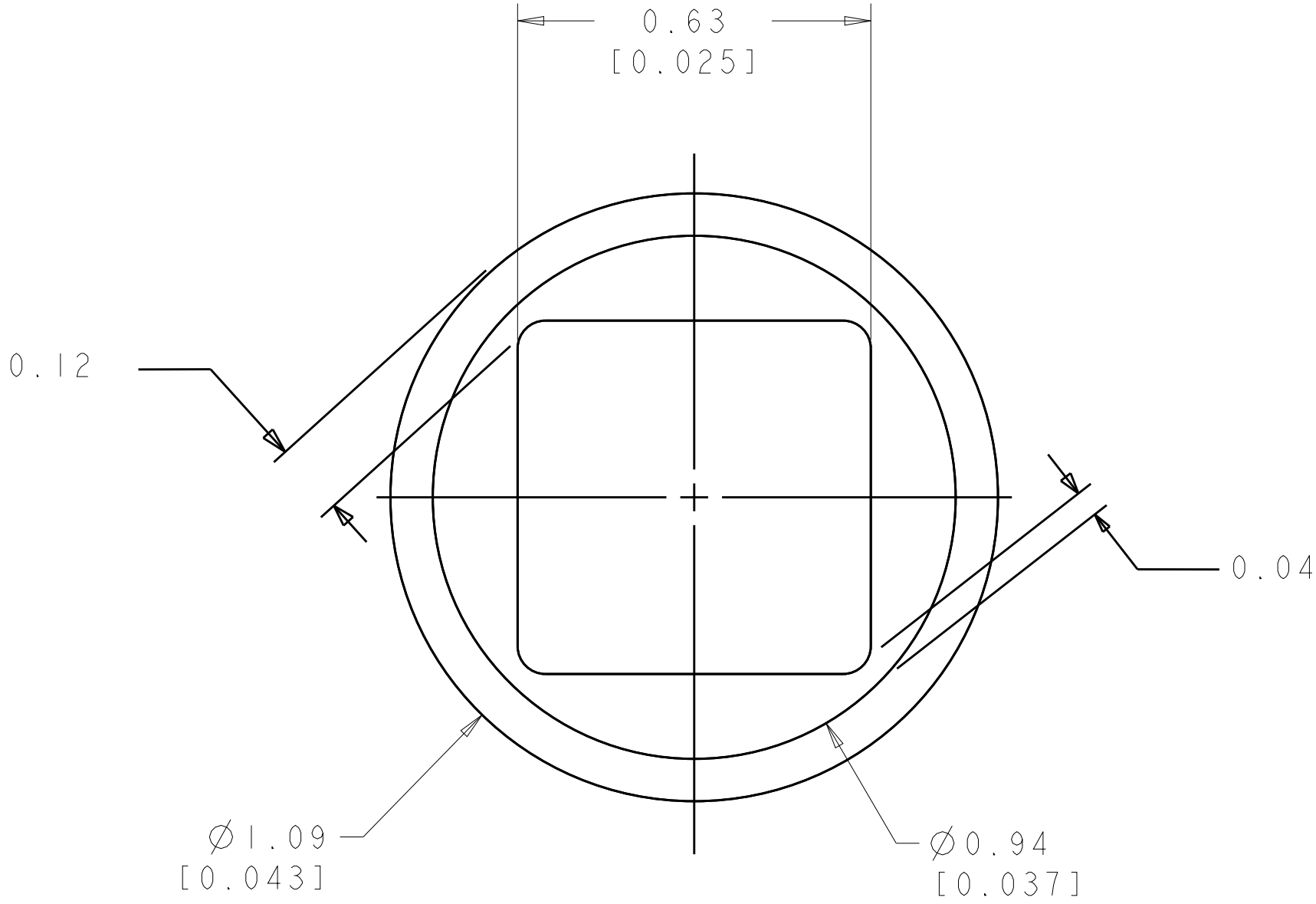
NAME: PIN CONNECTOR, RIGHT ANGLE
SOLDER TAILS
FLATPAQ

SIZE: A | 00779 | CAGE CODE: 6646682
SCALE: 3:1 | SHEET: 2 OF 3 | REV: A1

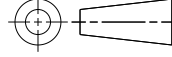
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



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)

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		CHK P.DAMATO	17SEPT07			
		APVD S.FLICKINGER	17SEPT07	NAME PIN CONNECTOR, RIGHT ANGLE SOLDER TAILS FLATPAQ		
		PRODUCT SPEC				
DIMENSIONS: mm[INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		SIZE
		0 PLC	±.5	WEIGHT		CAGE CODE
		1 PLC	±.5			DRAWING NO
		2 PLC	±.25			RESTRICTED TO
		3 PLC	±.			
MATERIAL		4 PLC	±.	CUSTOMER DRAWING		SCALE
-		ANGLES	±.5	3:1		SHEET
-		FINISH	-	3		OF
				3		REV
				A1		

Mouser Electronics

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[6646682-1](#)