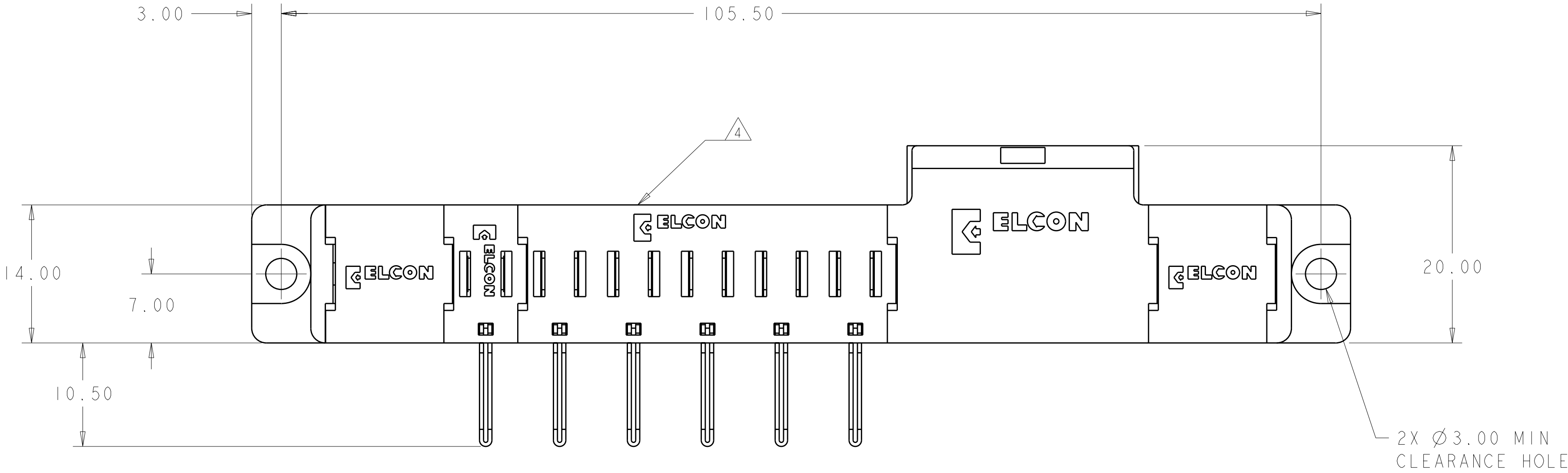


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	A	NEW RELEASE		05NOV2008	CR	PD	

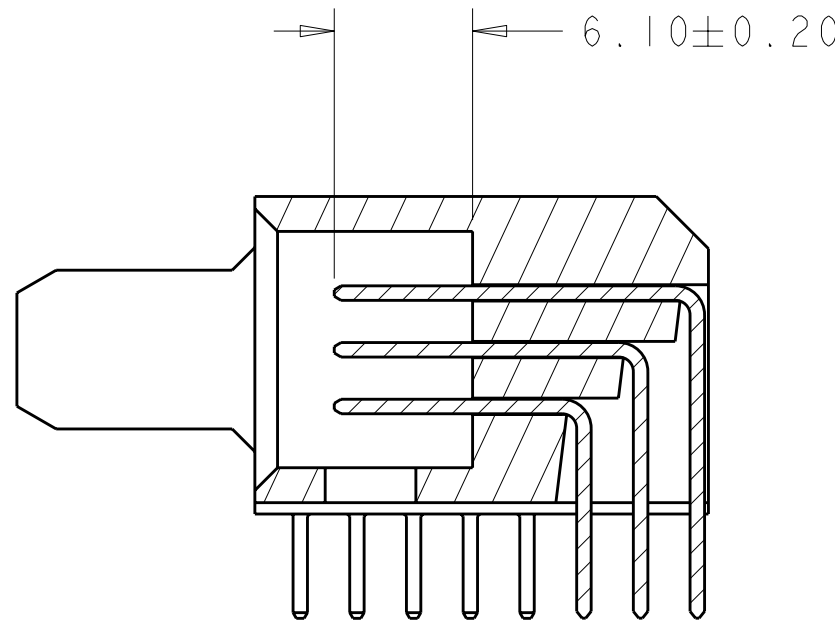
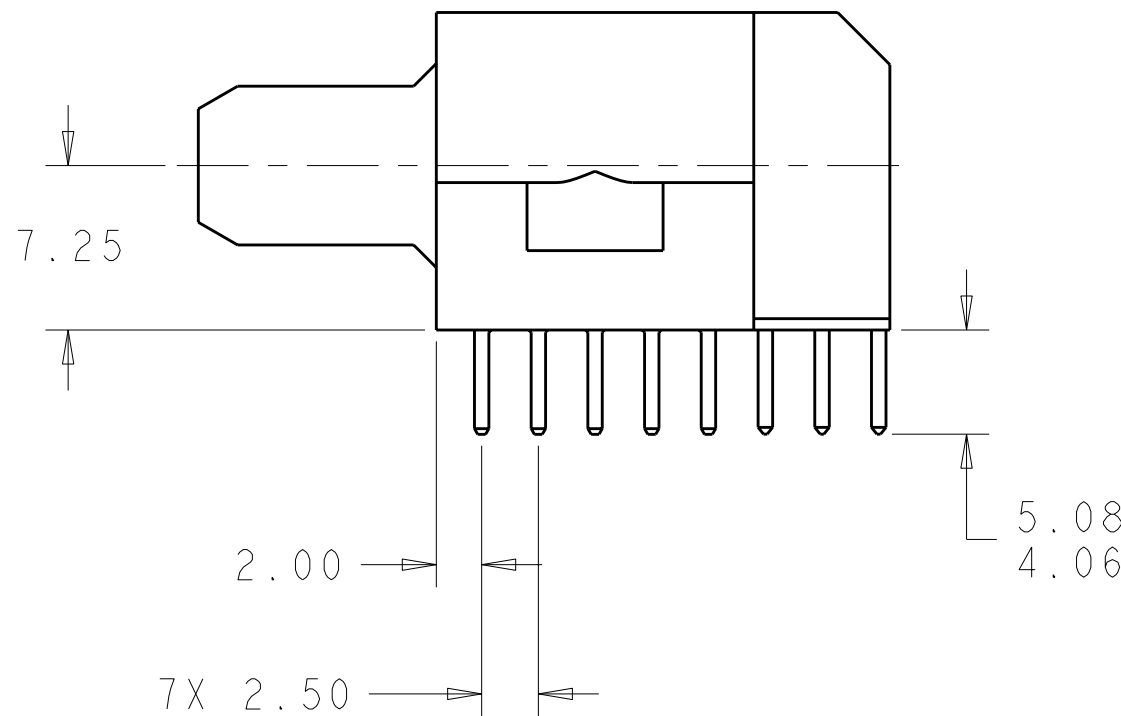
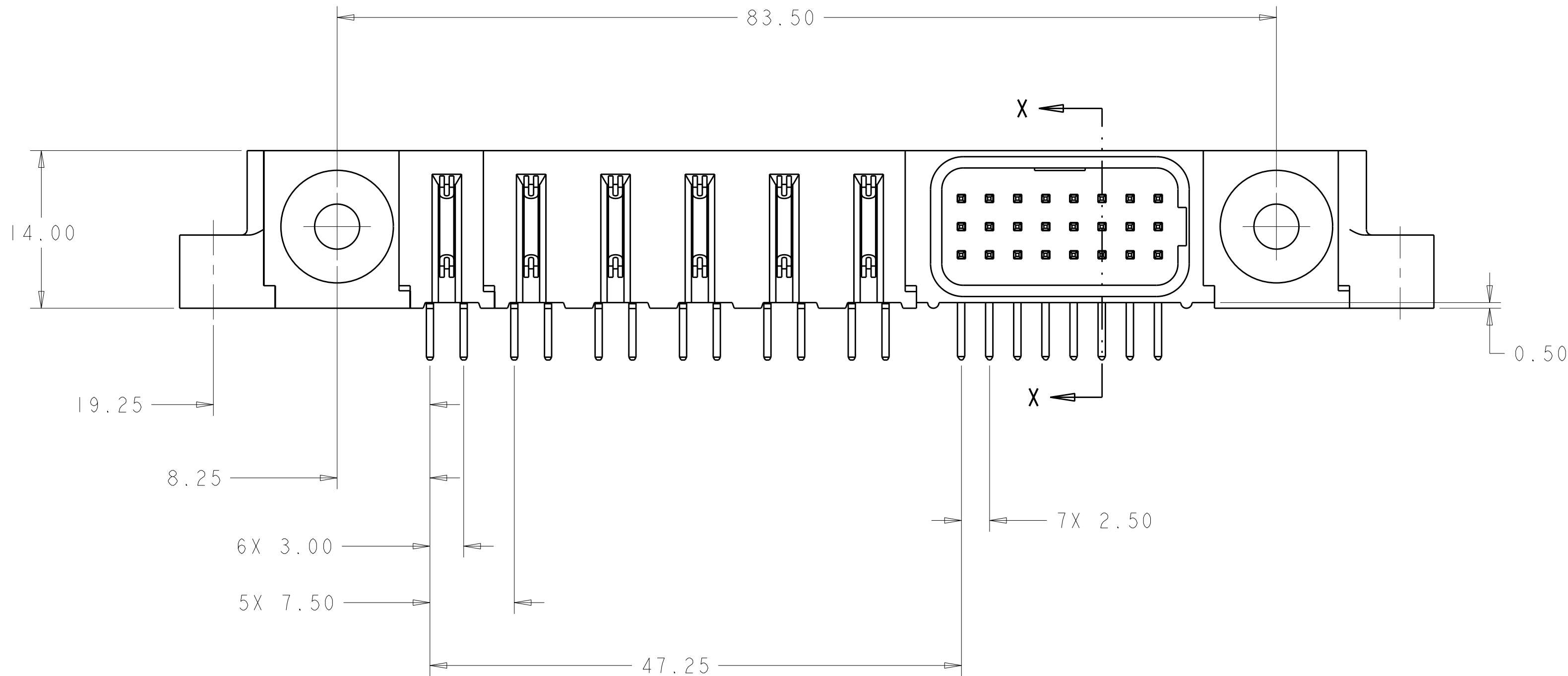


1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
- INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
 - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY
 - 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.

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

TYCO ELECTRONICS P/N YEAR WEEK
XXXXXXXX-X XXXX 1 106

△ MOUNTING FLANGE ACCEPTS M3 OF NO.4 SCREWS. (USER SUPPLIED)

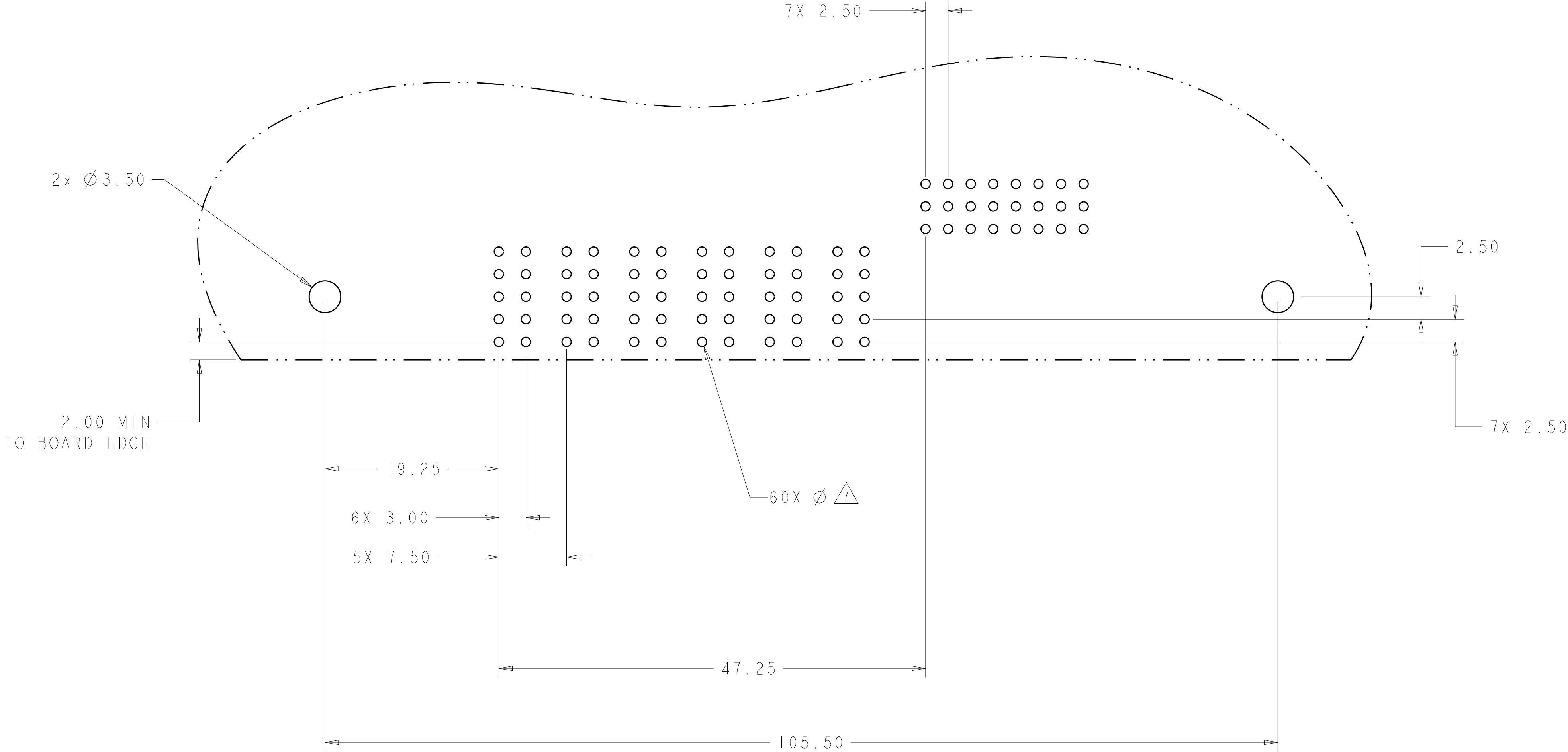


SECTION X - X

ELCON FLATPAQ

AS SHOWN		6646979-1	
DESCRIPTION		PART NO.	
DWN C. ROHLER 05NOV2008		Tyco Electronics Harrisburg, PA 17105-3608	
CHK P. DAMATO 05NOV2008		NAME	
APVD M. PERCHERET 05NOV2008		CONNECTOR, PIN RIGHT ANGLE, SOLDER TAILS FLATPAQ	
PRODUCT SPEC		SIZE CAGE CODE DRAWING NO	
APPLICATION SPEC		A100779C=6646979	
MATERIAL		RESTRICTED TO	
FINISH		SCALE 1:1 SHEET 1 OF 3 REV A	
WEIGHT		CUSTOMER DRAWING	

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



CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP122	6	8	12	1.25 X 7.00	35 amps	7.50	250 VOLTS
	FP302	1	22	24	.64 SQ.	3 amps	2.50	125 VOLTS
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
	FP506	2	GUIDE SOCKET, RIGHT ANGLE					

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TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

9 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.5

4 PLC ±.5

ANGLES ±.5

FINISH -

APVD

-

DWN

C. ROHLER

05NOV2008

CHK

P. DAMATO

05NOV2008

APVD

M. PERCHERET

05NOV2008

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics

Harrisburg, PA 17105-3608

NAME

CONNECTOR, PIN
RIGHT ANGLE, SOLDER TAILS
FLATPAQ

SIZE

A

CAGE CODE

100779

DRAWING NO

C=6646979

RESTRICTED TO

-

SCALE

3:1

SHEET

2

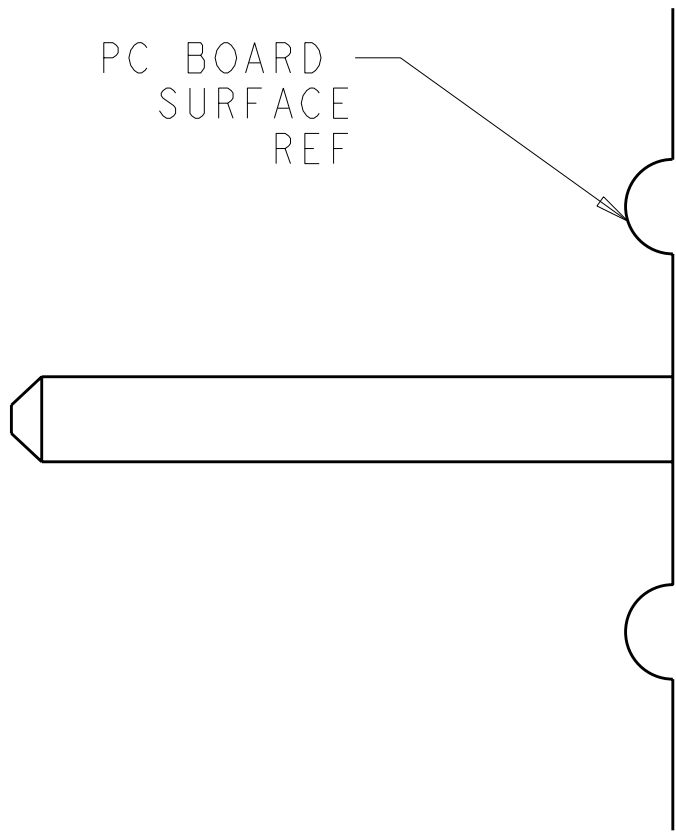
OF

3

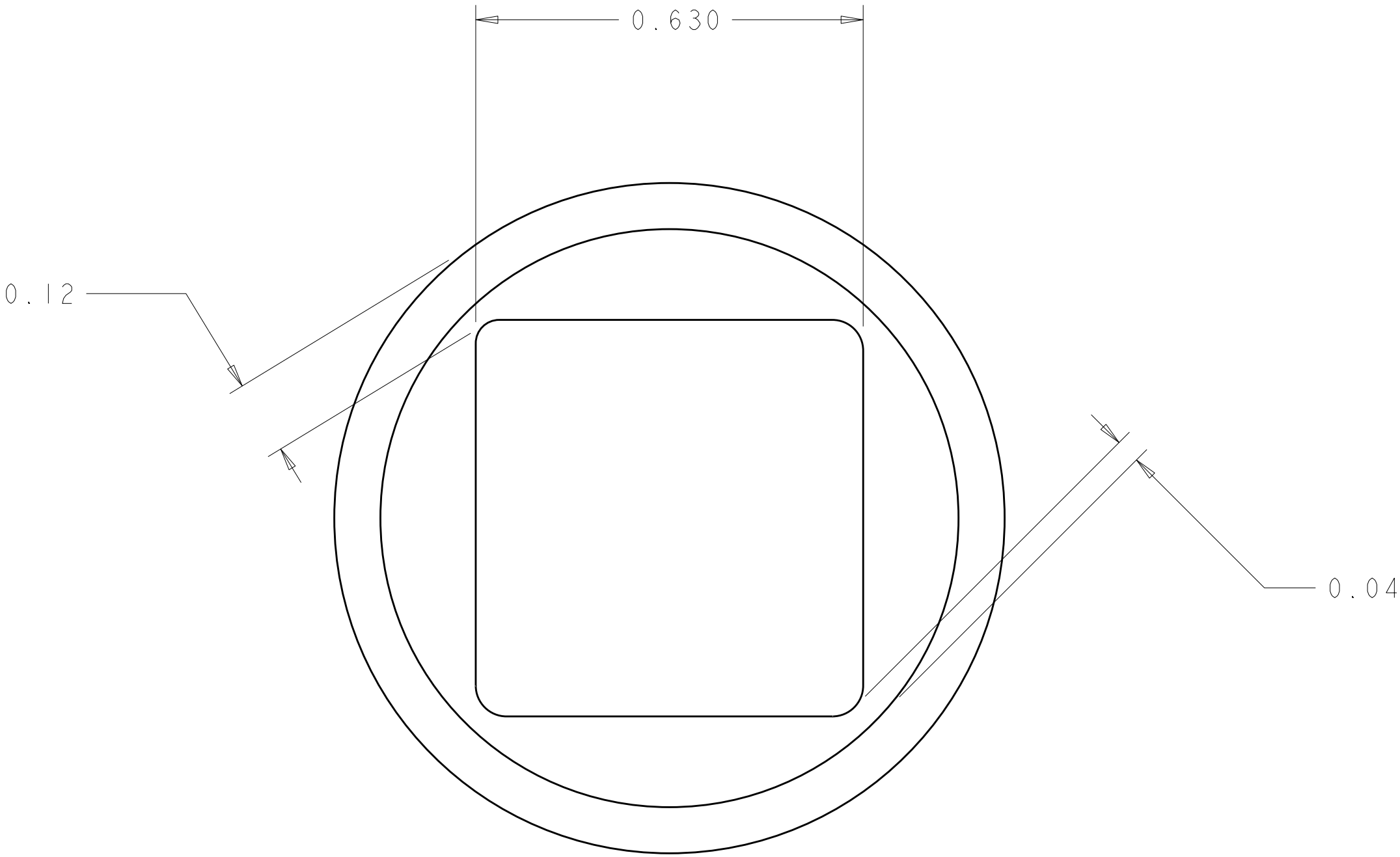
REV

A

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



6. SOLDER TAIL DETAIL
SCALE 10:1



SOLDER TERMINATION AREA
SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: $\varnothing 1.02 \pm .08$
DRILLED HOLE: $\varnothing 1.15 \pm .013$
COPPER PLATE: .025 MIN
TIN PLATE: .008 MIN. (PER SURFACE)

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DIMENSIONS: INCHES		CHK P. DAMATO 05NOV2008	NAME CONNECTOR, PIN RIGHT ANGLE, SOLDER TAILS FLATPAQ	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC $\pm .5$ 1 PLC $\pm .5$ 2 PLC $\pm .25$ 3 PLC $\pm .25$ 4 PLC $\pm .25$ ANGLES $\pm .5$ FINISH		APVD M. PERCHERET 05NOV2008	RESTRICTED TO	
MATERIAL -		PRODUCT SPEC -	SIZE A100779	
-		APPLICATION SPEC -	CAGE CODE C=6646979	
-		WEIGHT -	DRAWING NO -	
-		CUSTOMER DRAWING	SCALE 3:1	
-			SHEET 3	
-			OF 3	
-			REV A	

Mouser Electronics

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[6646979-1](#)