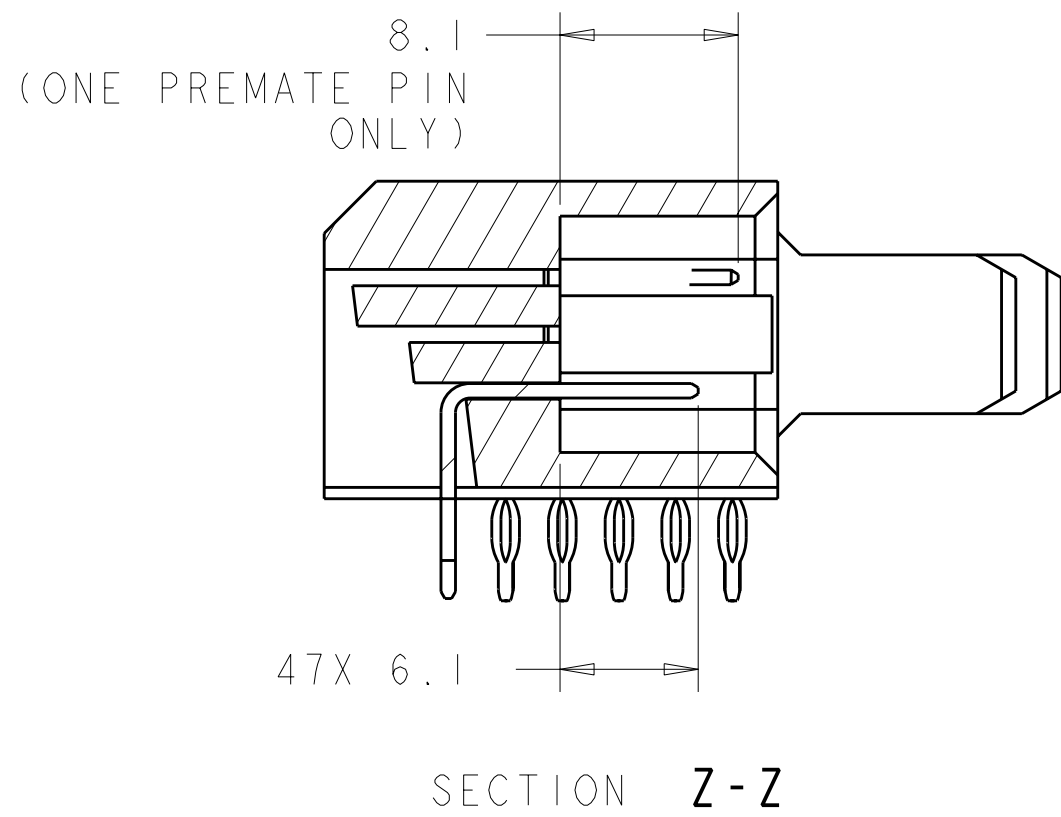
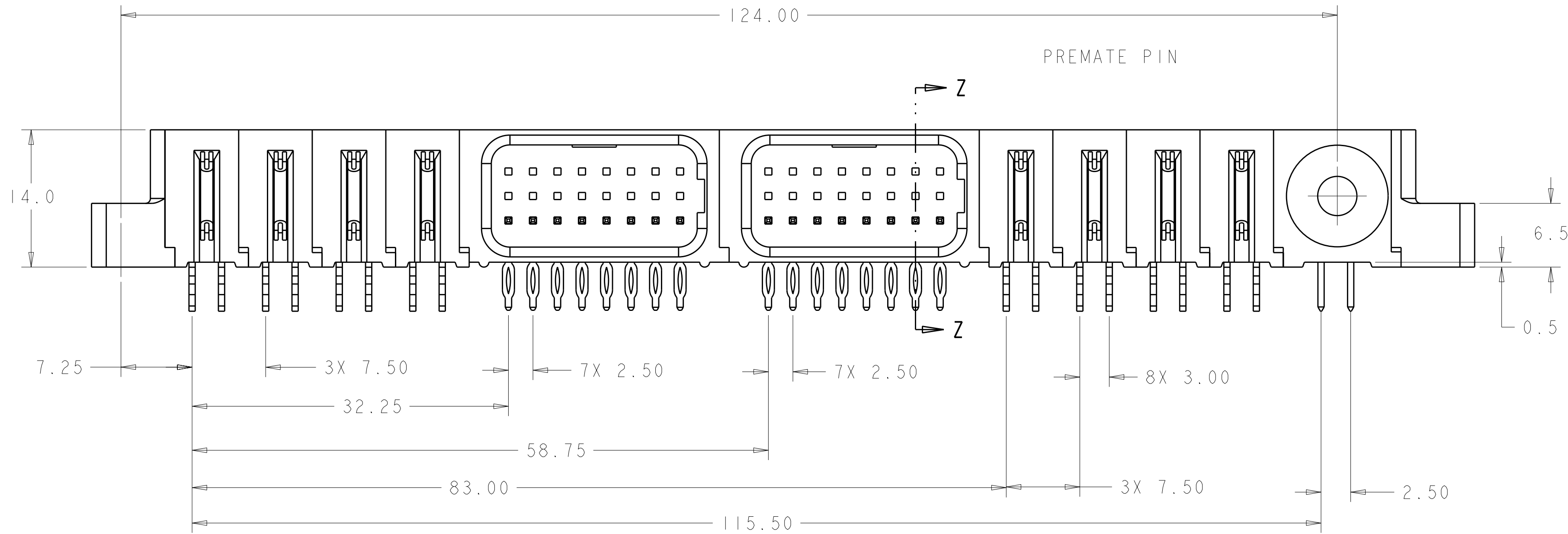
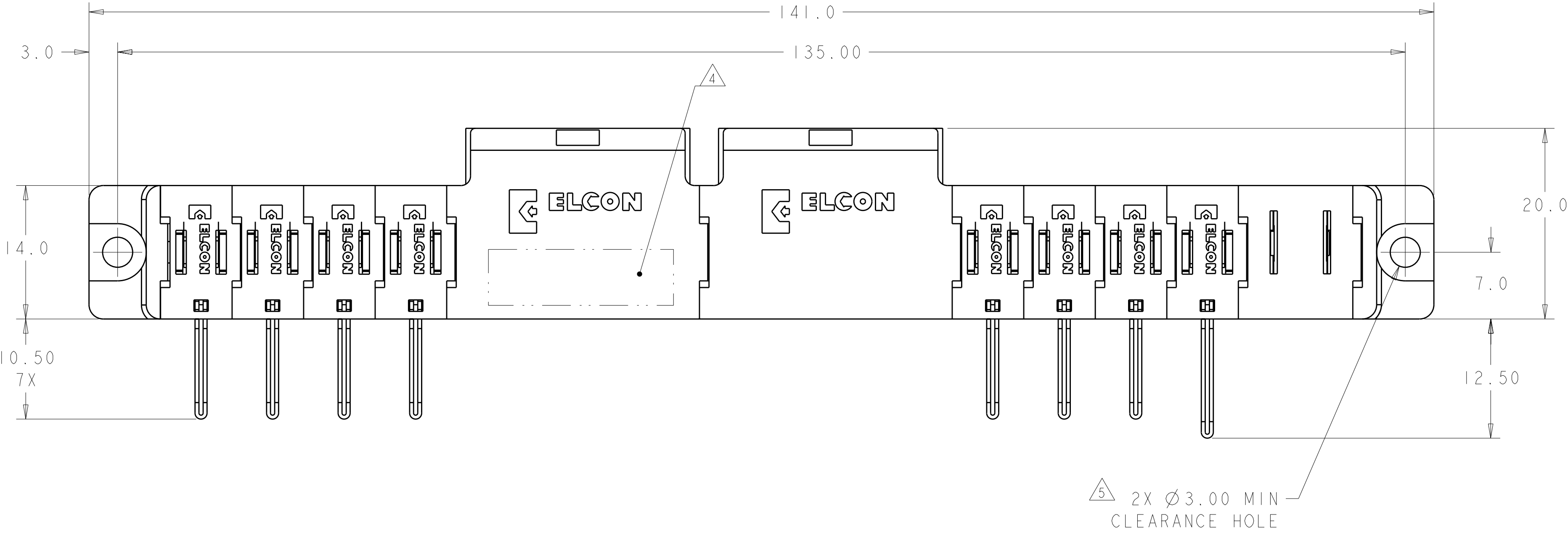


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			1	PROPOSAL DRAWING	1MAR2012	OL	SZ
			2	CORRECT PART NUMBER	16MAR2012	OL	SZ
			A	INITIAL RELEASE	31MAR2012	OL	SZ



1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

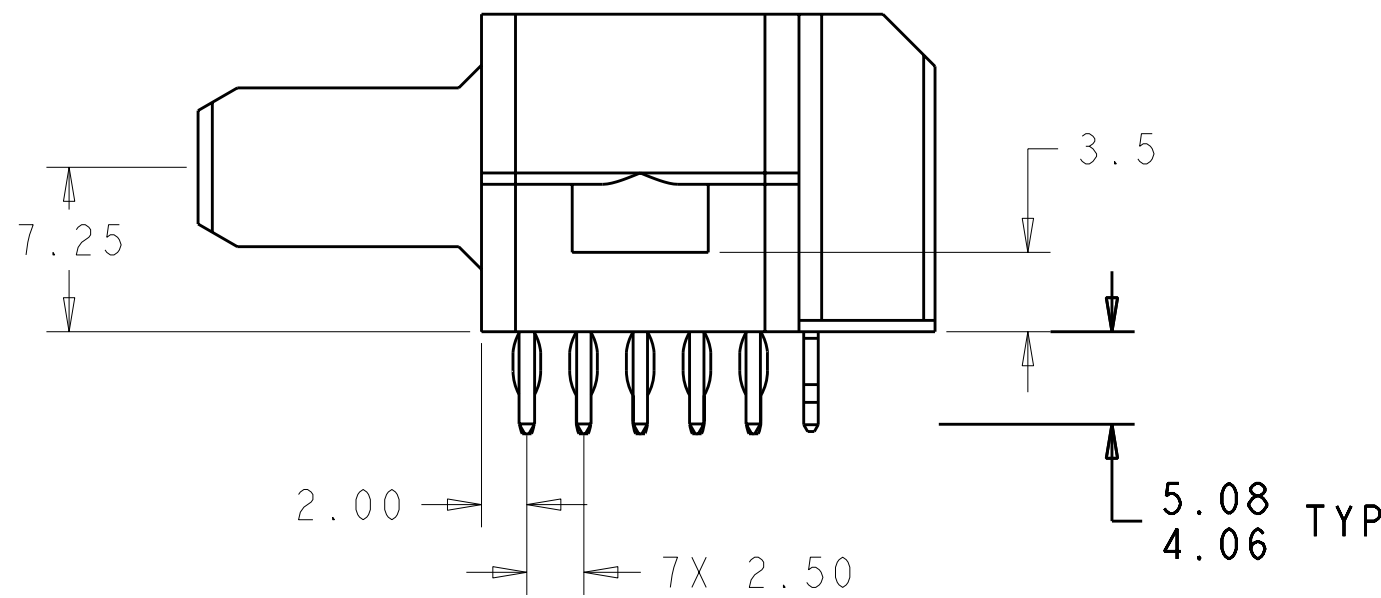
2 MATERIAL: INSULATORS - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
UL94V-0 FLAMMABILITY RATED.
POWER CONTACTS - PHOSPHOR BRONZE ALLOY, COPPER ALLOY
SIGNAL CONTACTS - BRASS ALLOY

3 FINISH: CONTACTS - GOLD PLATE 0.76µm MIN. THK. OVER NICKEL
1.27µm MIN. THK.
SOLDER TAILS, TIN 2.54µm MIN. THK. OVER 1.27µm MIN. THK. NICKEL.

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

TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)
XXXXXXX-X XXXX

5 MOUNTING FLANGES ACCEPT M3 OR NO.4 SCREWS, (USER SUPPLIED)



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		ORANDO LI		1MAR2012	
mm		0 PLC ±.5		CAY		SUNY ZHAO		-	
3 PLC ±.25		APVD		SUNY ZHAO		1MAR2012		-	
5 PLC ±.		PRODUCT SPEC		NAME		PIN CONNECTOR ASSEMBLY		RIGHT ANGLE, COMPLIANT TAILS	
4 PLC ±.		APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO	
ANGLES		114-13284		A100779		C=6766478		RESTRICTED TO	
FINISH		#3		WEIGHT		-		-	
MATERIAL		-2		CUSTOMER DRAWING		SCALE		3:1	
								SHEET	
								1	
								OF	
								3	
								REV	
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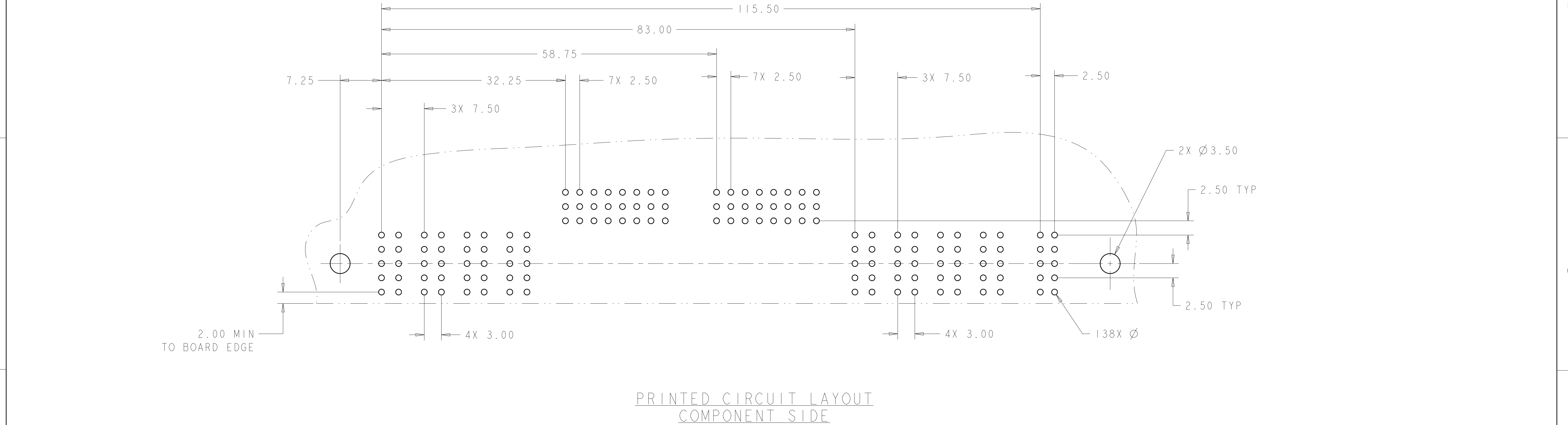
AS SHOWN	6766478-1
DESCRIPTION	PART NUMBER

Tyco Electronics Harrisburg, PA 17105-3608

PIN CONNECTOR ASSEMBLY
RIGHT ANGLE, COMPLIANT TAILS
FLATPAQ

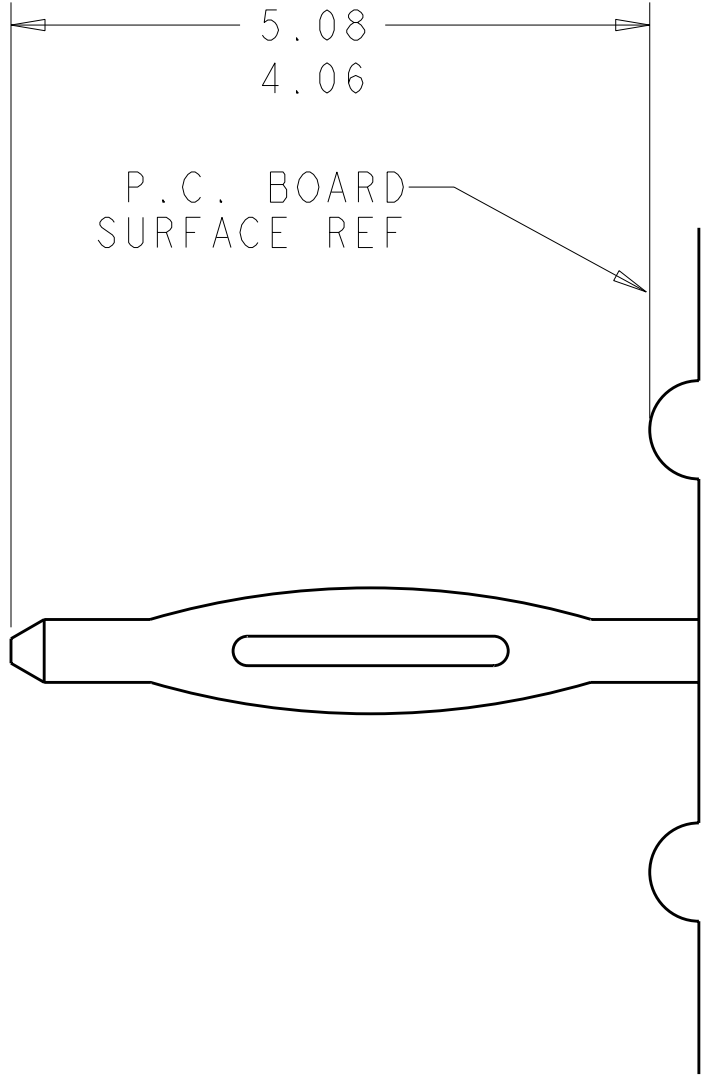
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A100779	C=6766478		-

LOC	DIST	REVISIONS					
GP	00	REV	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



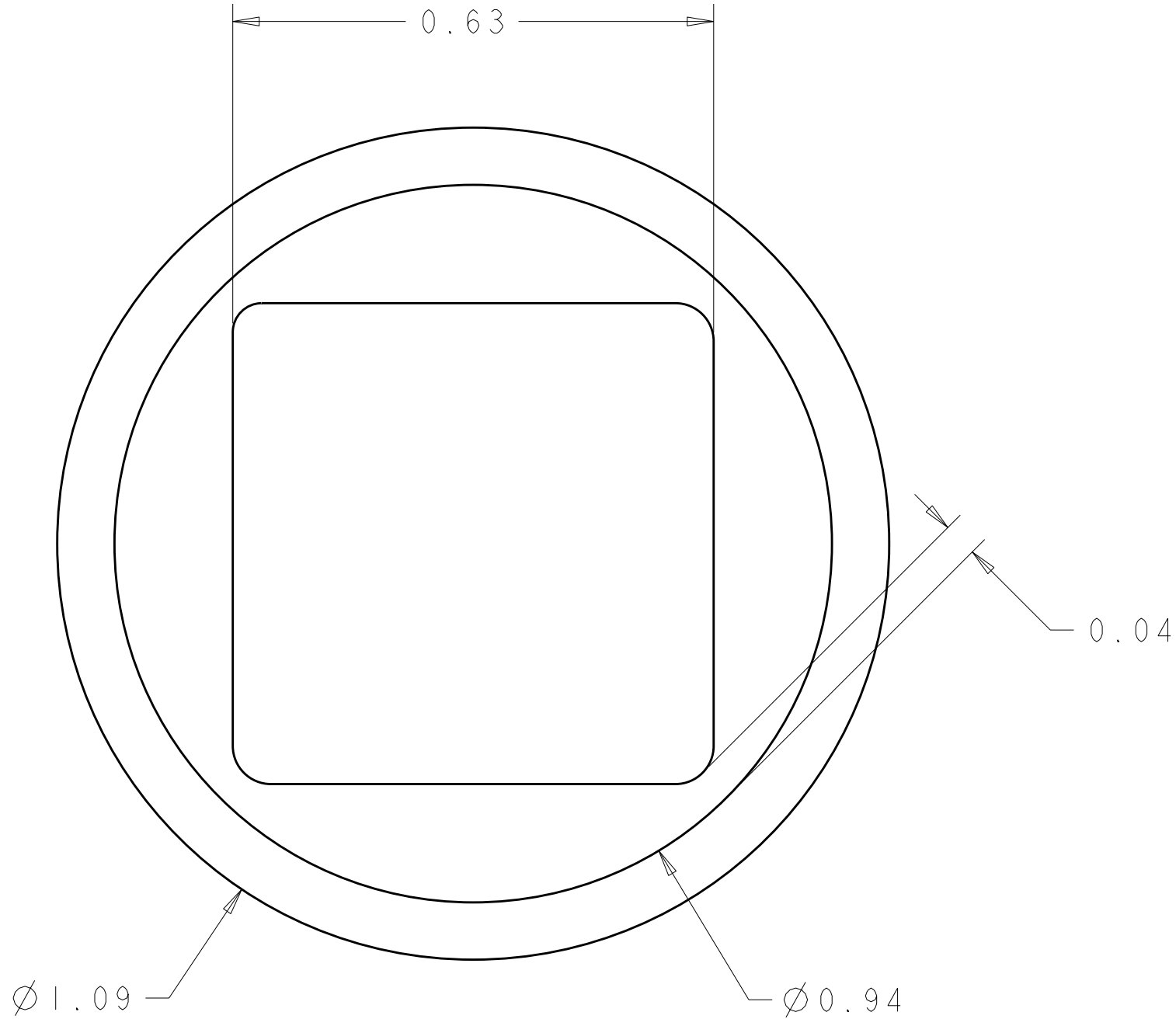
CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
PIN	FP205	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP206	1	8	1	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250
	FP402	2	22	48	.64 SQ. [.025]	3 amps	2.50 [.0984]	125
	FP516	1	ACTIVE RIGHT ANGLE GUIDE SOCKET					
	FP500	1	LEFT MOUNTING FLANGE					
	FP501	1	RIGHT MOUNTING FLANGE					
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THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20 © COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.						PIN CONNECTOR ASSEMBLY RIGHT ANGLE, COMPLIANT TAILS FLATPAQ		
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THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20 © COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.						CUSTOMER DRAWING		
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20 © COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION, ALL RIGHTS RESERVED.						SCALE 3:1 SHEET 2 OF 3 REV A		

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



6. COMPLIANT PIN DETAIL

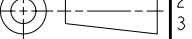
INSERTION/EXTRACTION FORCES
MAXIMUM PUSH IN: 133.3N PER PIN
[30 LBS]
MINIMUM PUSH OU: 44.4N PER PIN
[10 LBS]



7. SOLDER TERMNIATION AREA

SCALE 40:1

RECOMMENDED PRINTED CIRCUIT HOLE
COMPLIANT PRESS FIT
DRILLED HOLE: $\varnothing 1.15 \pm .013$
COPPER PLATE: .025 TO .050
TIN PLATE: .0005 MIN. (PER SURFACE)

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DIMENSIONS: mm 				CHW SUNY ZHAO	-	NAME	PIN CONNECTOR ASSEMBLY RIGHT ANGLE, COMPLIANT TAILS FLATPAQ			
				APVD SUNY ZHAO	1MAR2012					
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC	-					
				APPLICATION SPEC	114-13284					
MATERIAL				FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
-				-	-	A	00779	C=6766478	-	
CUSTOMER DRAWING						SCALE	3:1	SHEET 3 OF 3	REV A	

Mouser Electronics

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