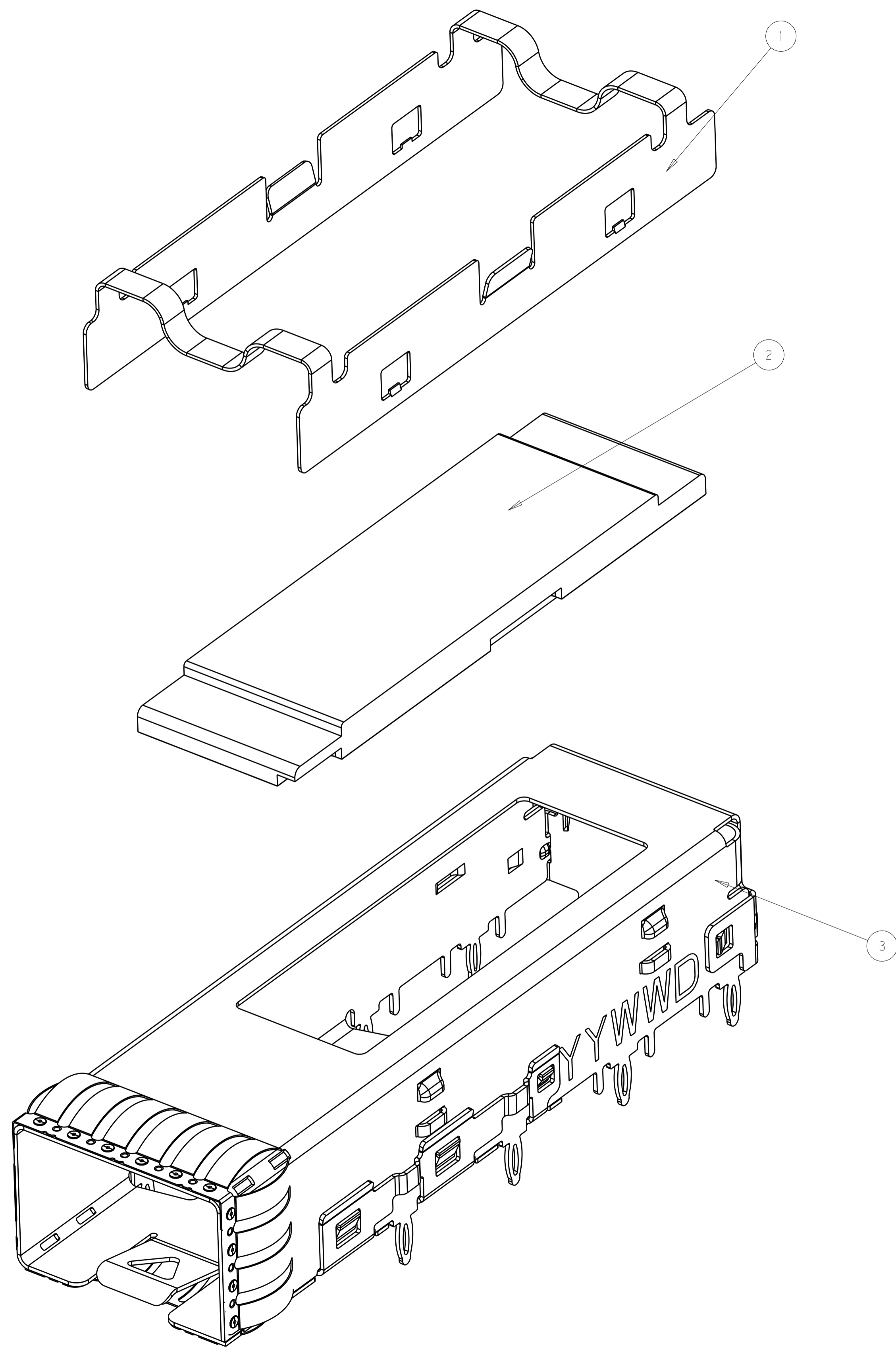


LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
1		INITIAL RELEASED	21DEC2015	AJ	SH
2		REVISE THE RELEASE ISSUE	31DEC2015	AJ	SH
3		REMOVE THE CONNECTOR	28JAN2016	AJ	SH
4		REVISED CLIP PART NO.	26FEB2016	AJ	SH



- 1 MATERIAL:
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.
 EMI SPRINGS: COPPER ALLOY.
 CLIP: STAINLESS STEEL 0.20mm THICK.
 HEAT SINK: ALUMINUM.
- 2 FINISH
 EMI SPRINGS: 0.8um MIN NICKEL, NON-PLATED EDGES PERMISSIBLE.
 HEAT SINK: ELECTROLESS NICKEL.
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4 PADS AND VIAS CHASSIS GROUND.
- 5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 6 MINIMUM PC BOARD THICKNESS:
 SINGLE SIDED = 1.50 mm
 DOUBLE SIDED = 3.00 mm
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR
 RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR
 RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9. CAGE ASSEMBLY, HEAT SINK AND CLIP SHOULD BE SHIPPED ASSEMBLED.

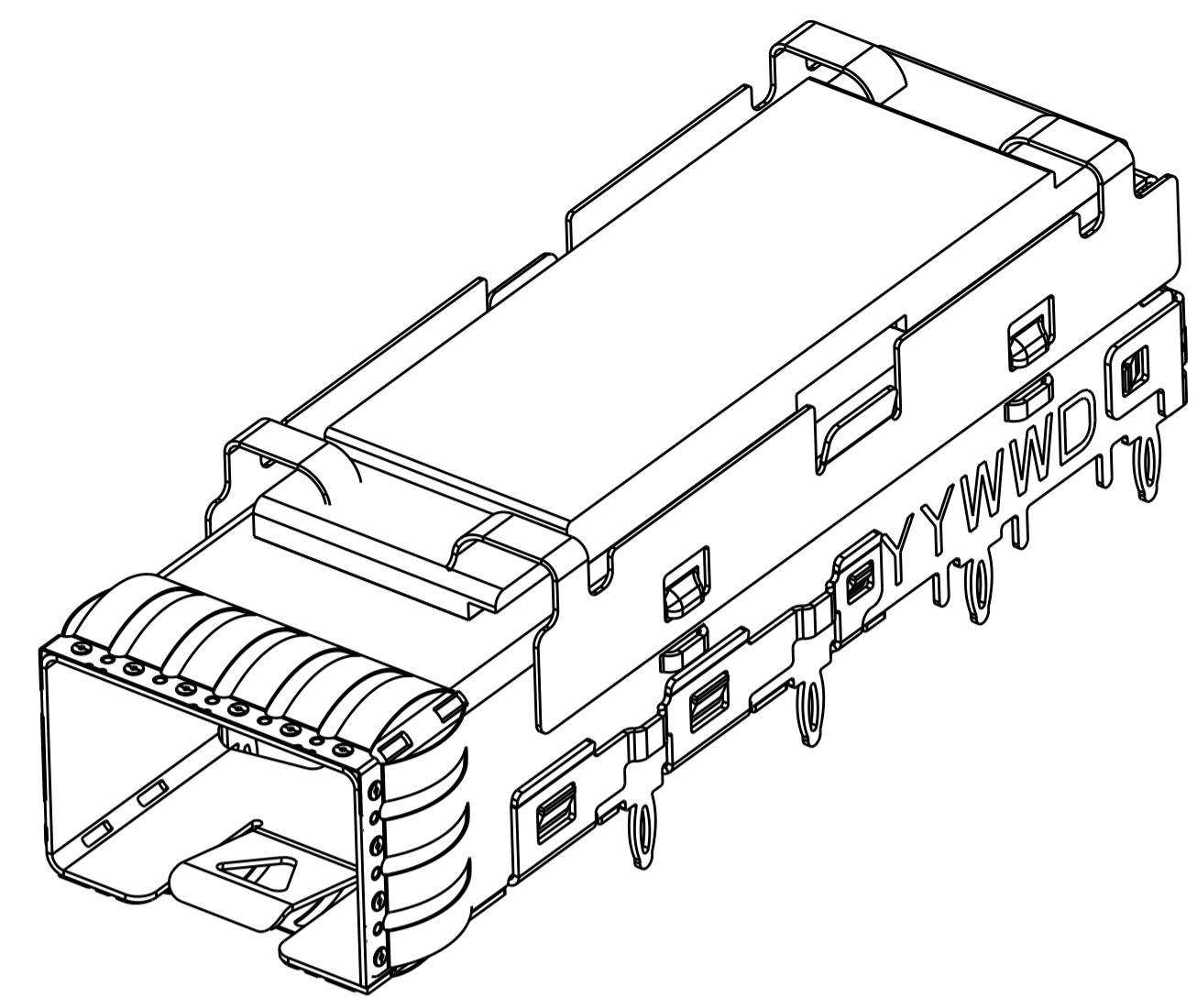
2299056-1
 EXPLODING VIEW
 SCALE 6:1

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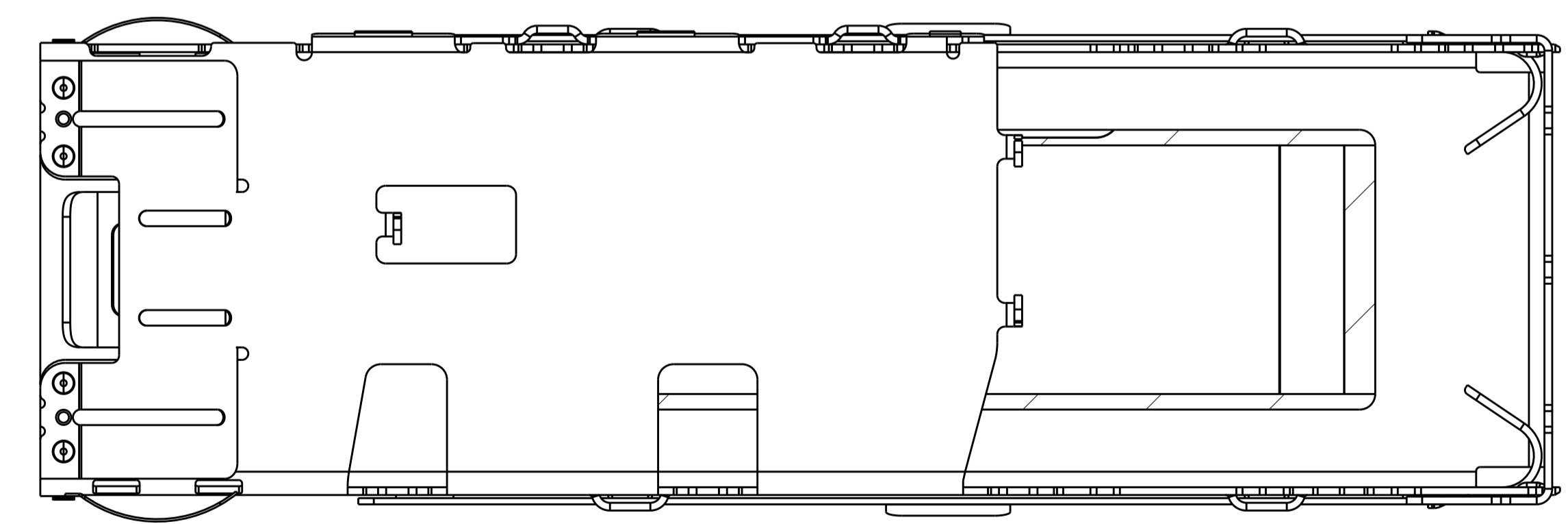
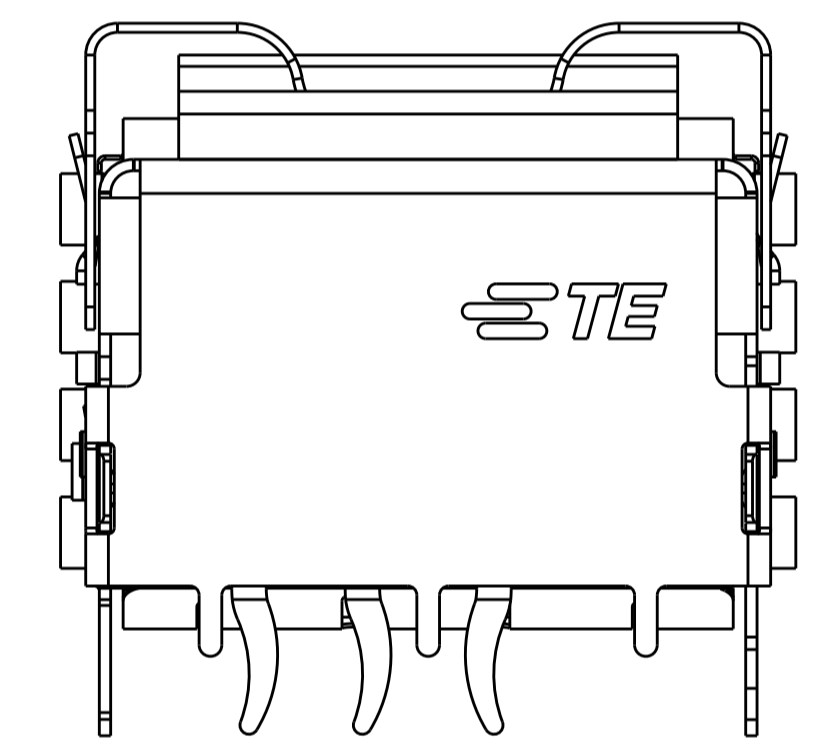
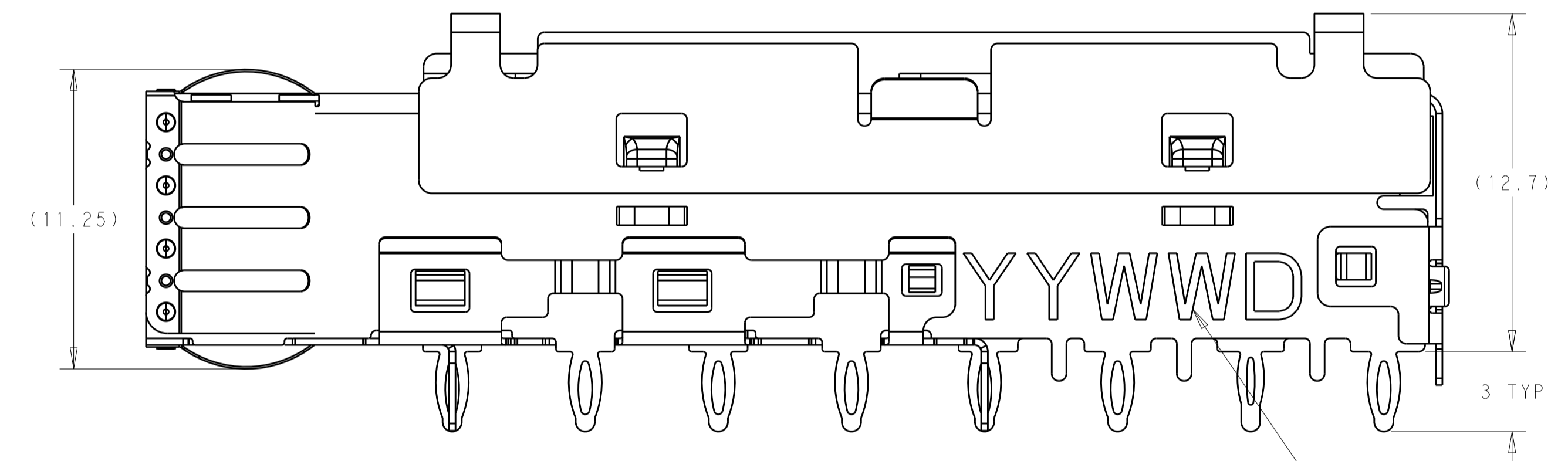
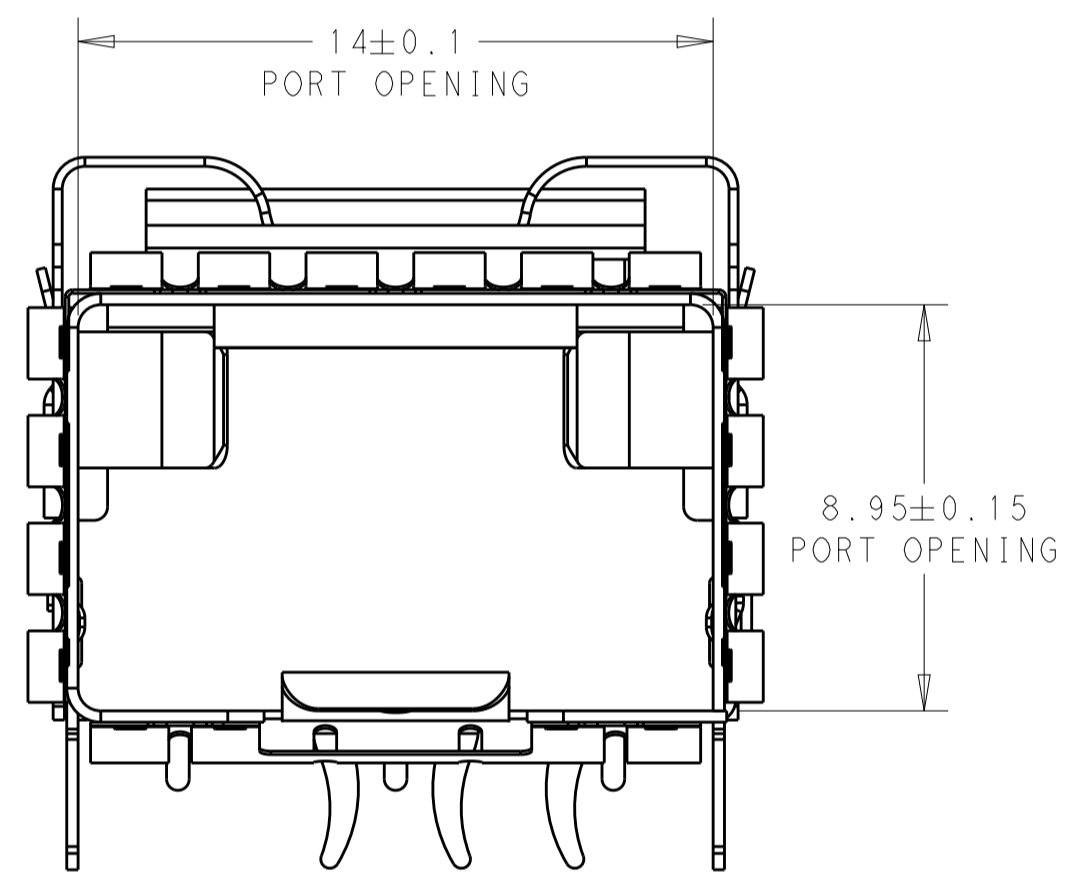
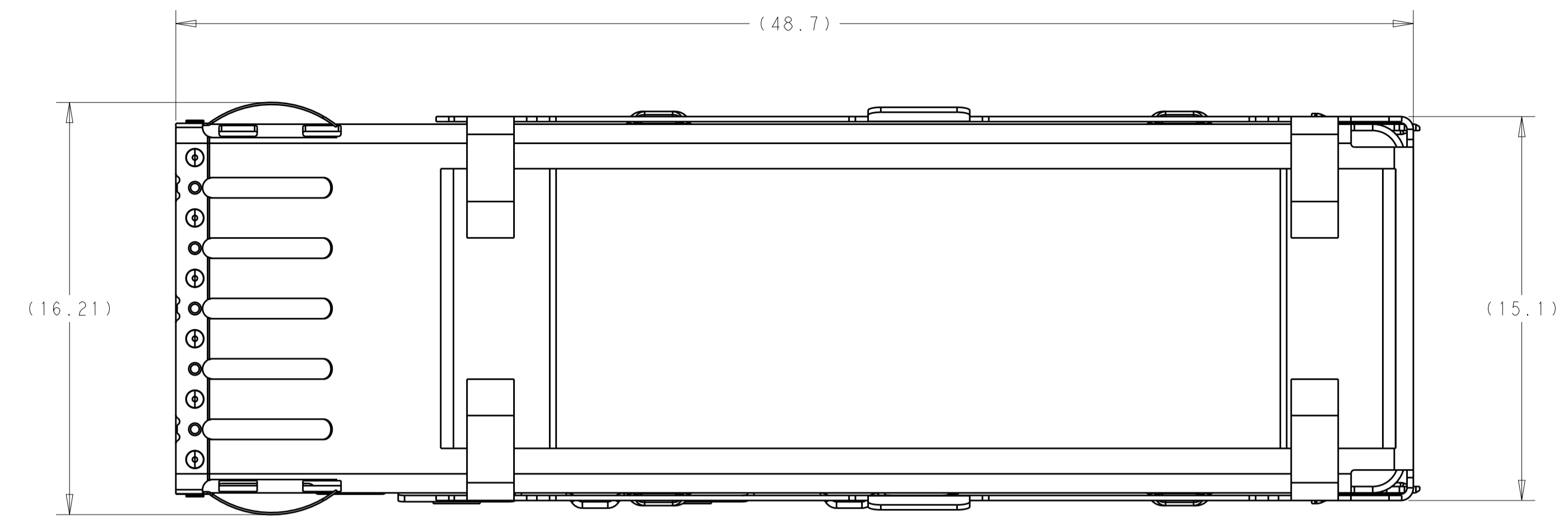
1	2170680-2	CAGE ASSEMBLY	3
1	2170575-1	HEAT SINK	2
1	2292792-1	HEAT SINK CLIP	1
-1	PART NUMBER	DESCRIPTION	ITEM NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ARTHUR JIH 21DEC2015	TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 21DEC2015		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 21DEC2015		
mm	0 PLC ±0.1	PRODUCT SPEC	SFP-1X1 CAGE ASSY AND CONNECTOR	
	1 PLC ±0.1	108-2364	PRESS-FIT, EMI SPRINGS	
	2 PLC ±0.1	APPLICATION SPEC	WITH HEAT SINK	
	3 PLC ±0.05	114-13120	SIZE	CAGE CODE DRAWING NO
	4 PLC ±0.05	WEIGHT	A1	00779C=2299056
ANGLES	±0.05	CUSTOMER DRAWING	SCALE	6:1
FINISH			SHEET	1 OF 4
			REV	4

LOC	DIST	REVISIONS					
		P.	LYR	DESCRIPTION	DATE	OWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



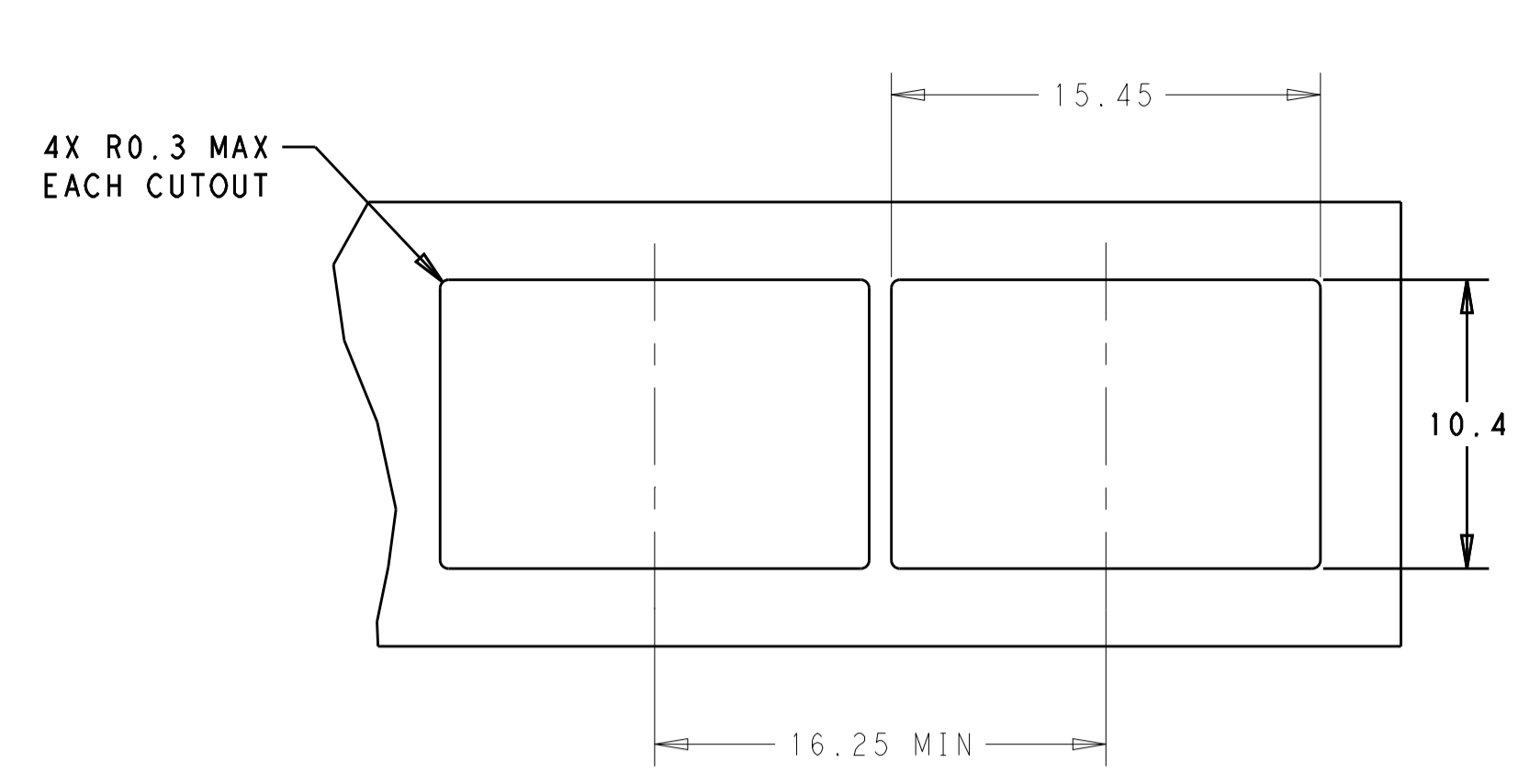
SCALE 4:1



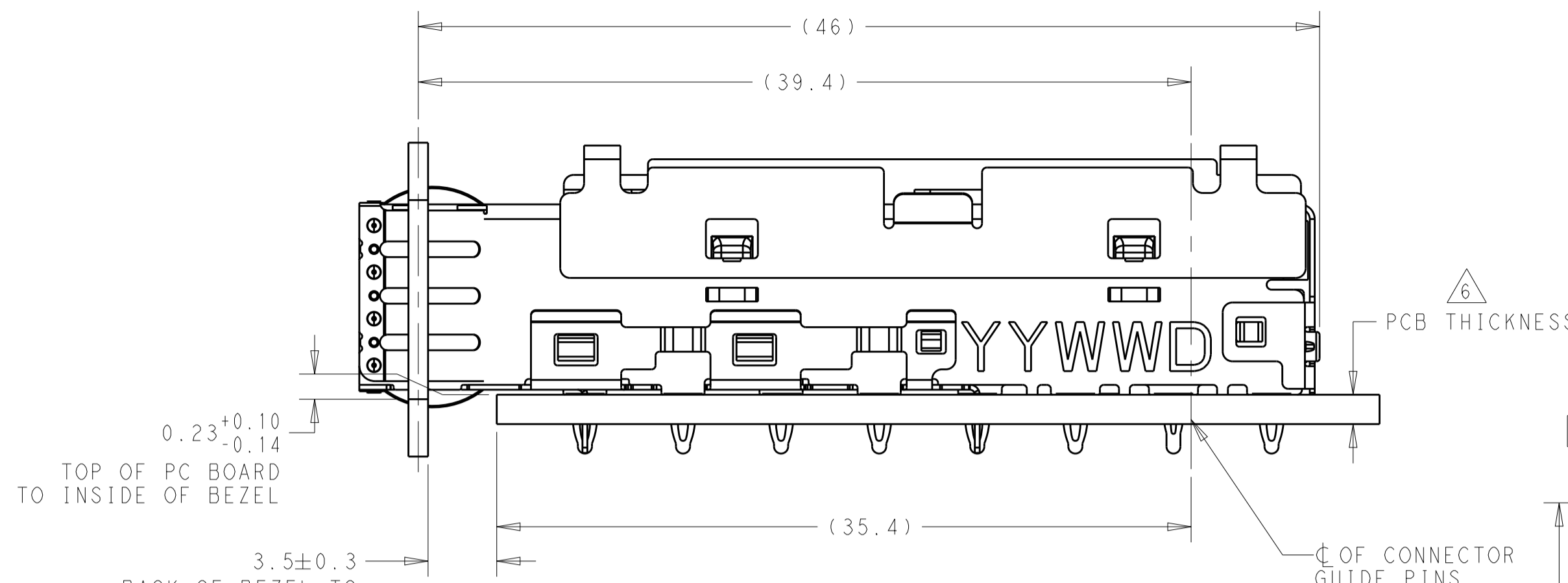
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DIMENSIONS: mm		CHK: SEAN HAN 21DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 21DEC2015	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±0.05		NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK	
MATERIAL: FINISH:		PRODUCT SPEC: 108-2364	RESTRICTED TO:
		APPLICATION SPEC: 114-13120	SIZE: A1
		WEIGHT: -	CAGE CODE: 2299056
		CUSTOMER DRAWING	SCALE: 6:1 SHEET 2 OF 4 REV 4

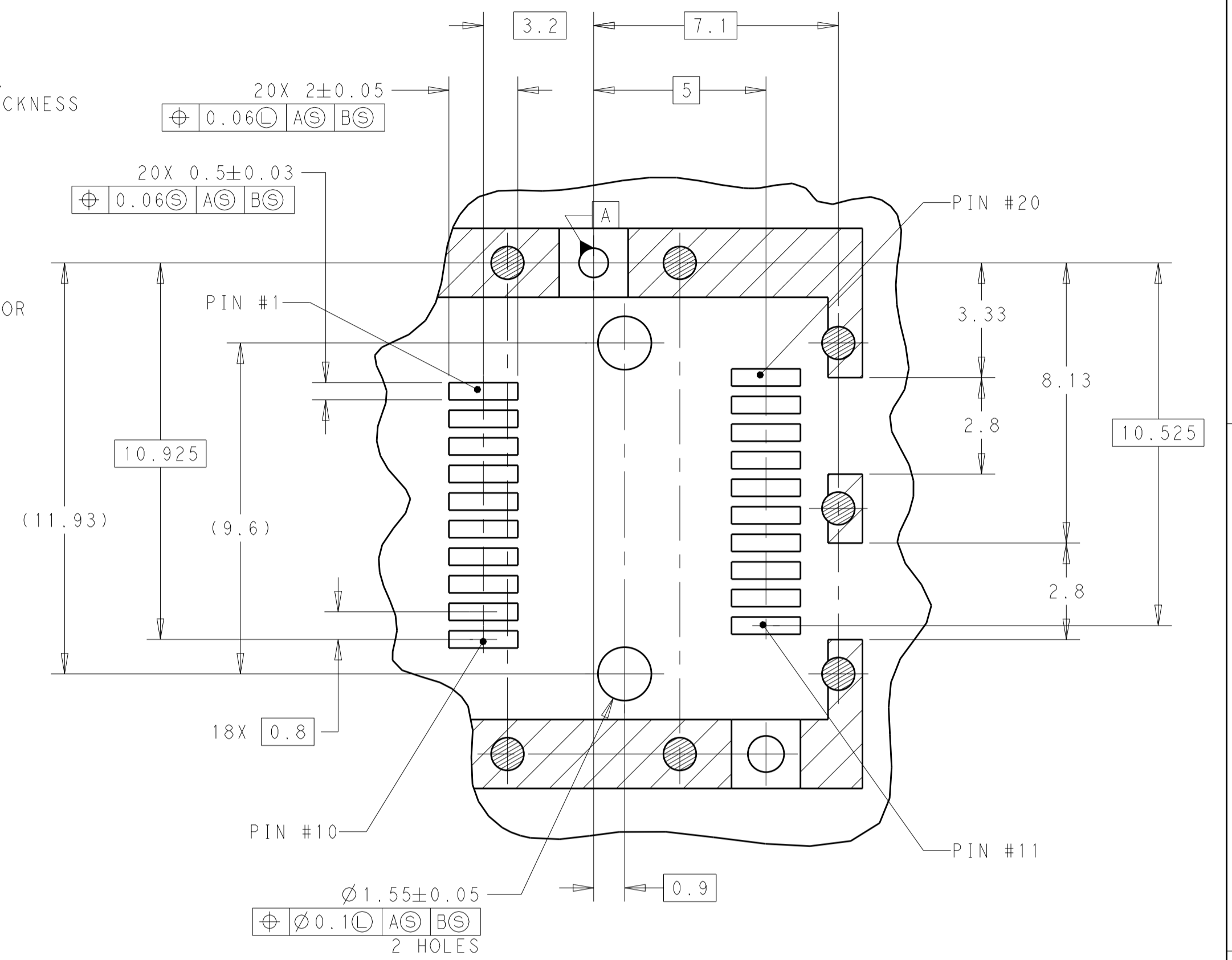
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
		-		SEE SHEET 1			



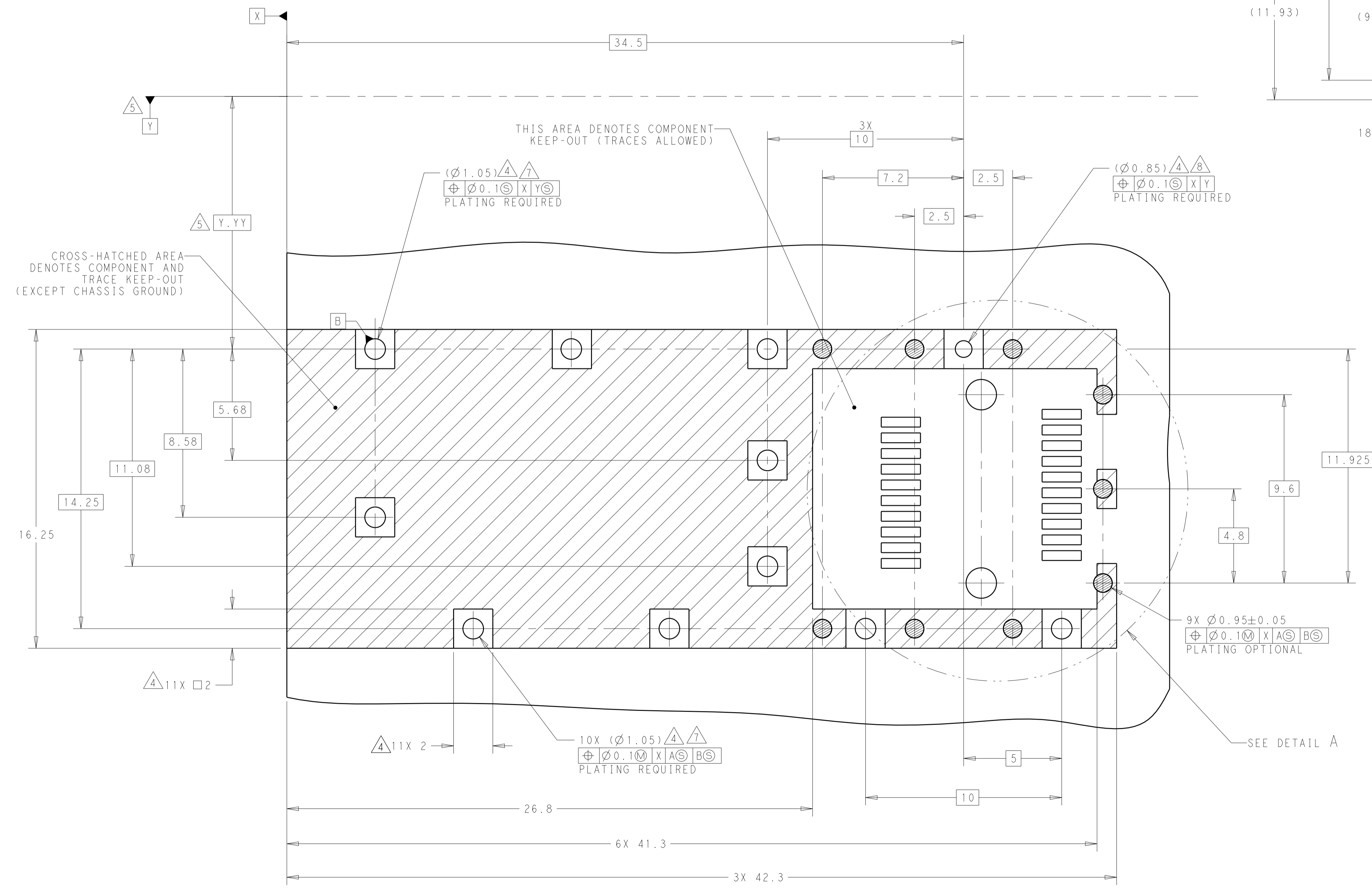
RECOMMENDED BEZEL CUTOUT
SCALE 4:1



RECOMMENDED BEZEL AND
PC BOARD ORIENTATION
SCALE 4:1



DETAIL A
SCALE 8:1

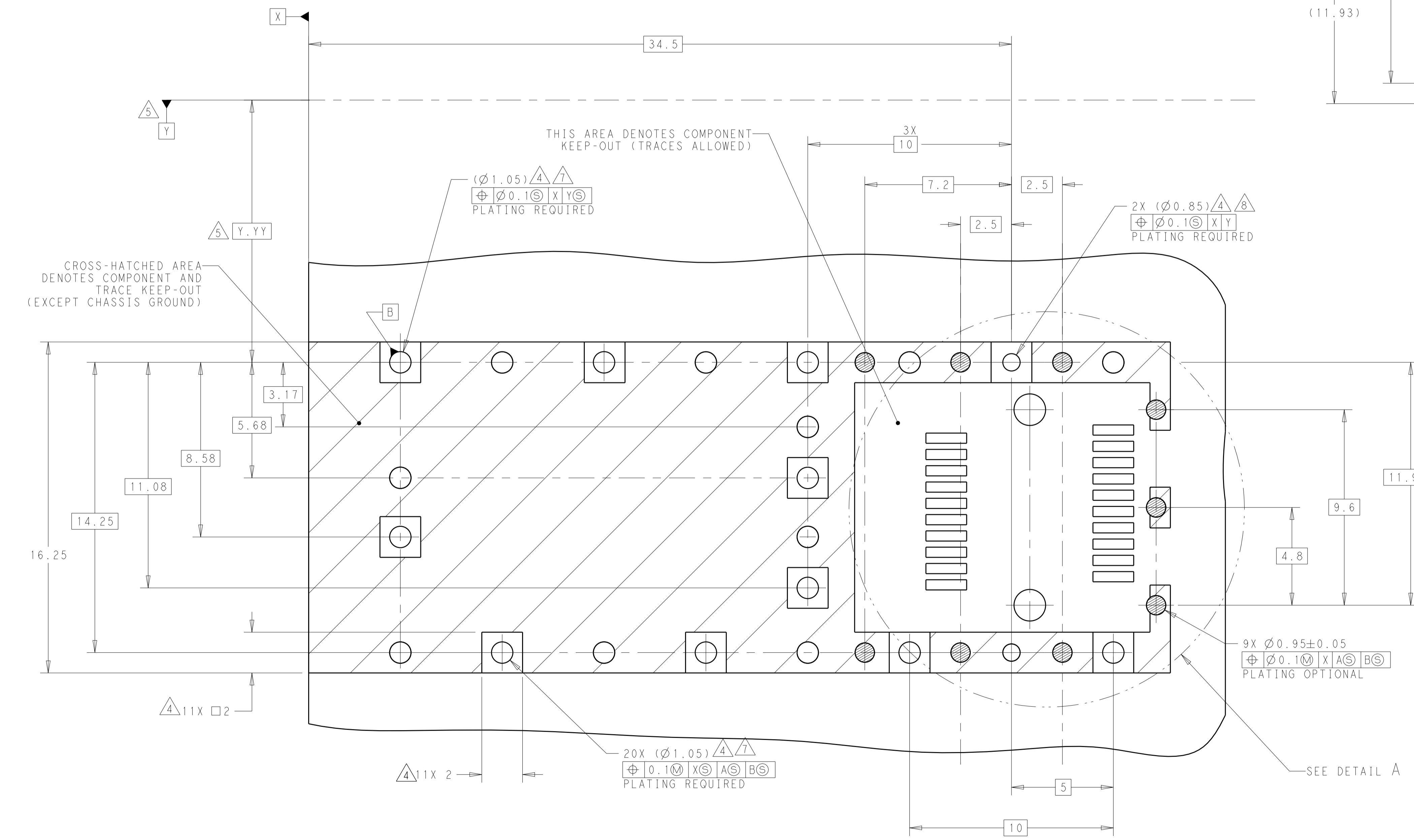
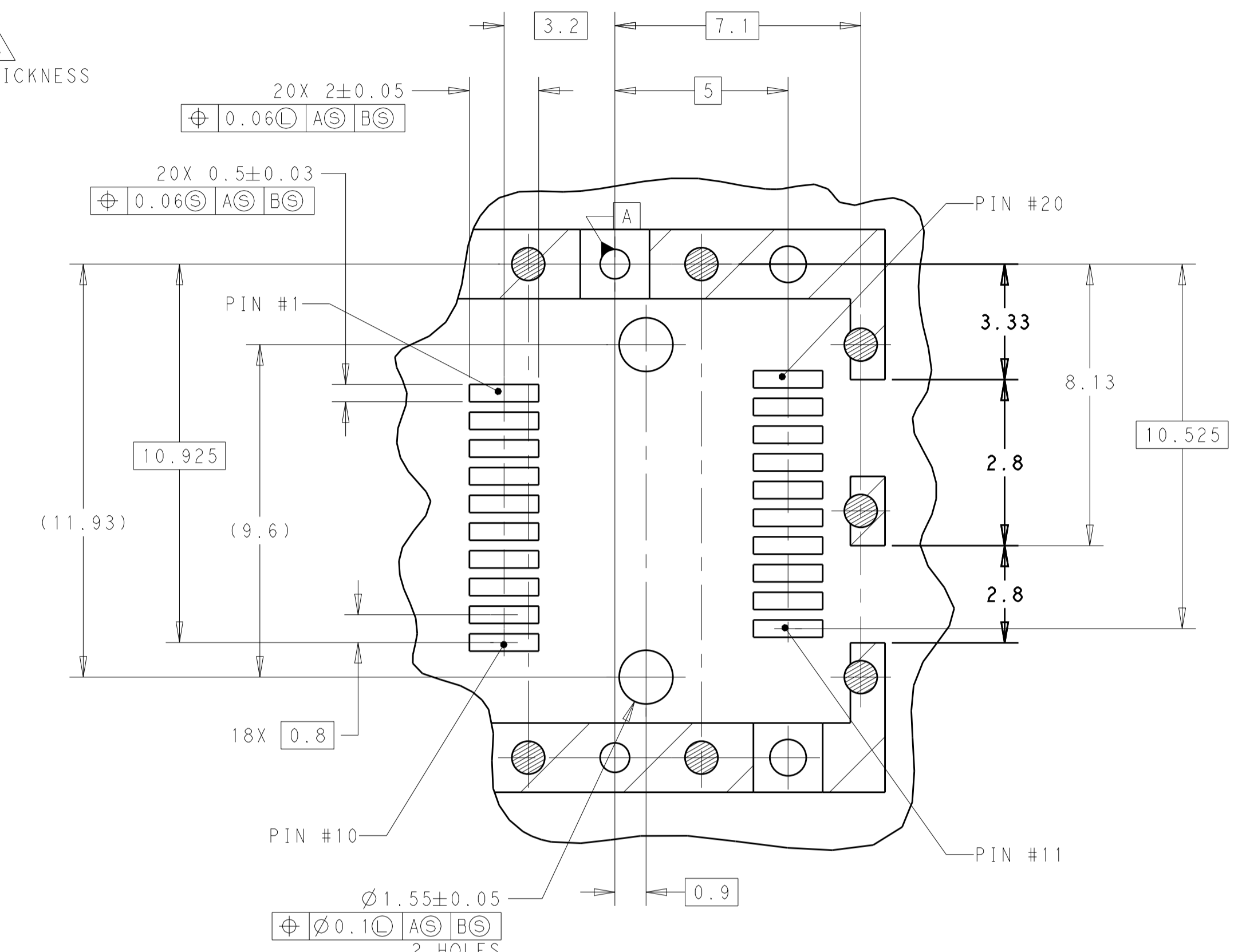
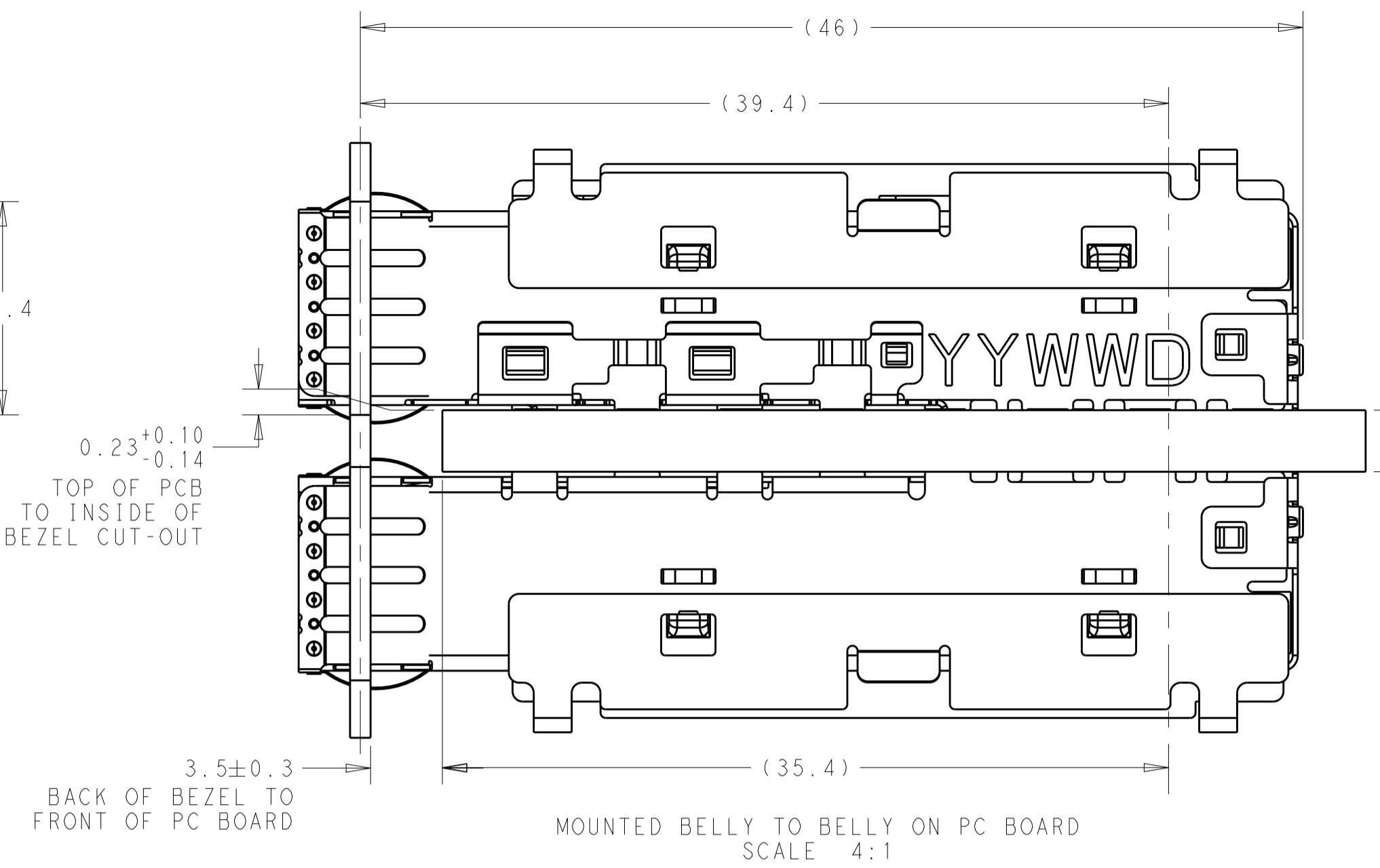
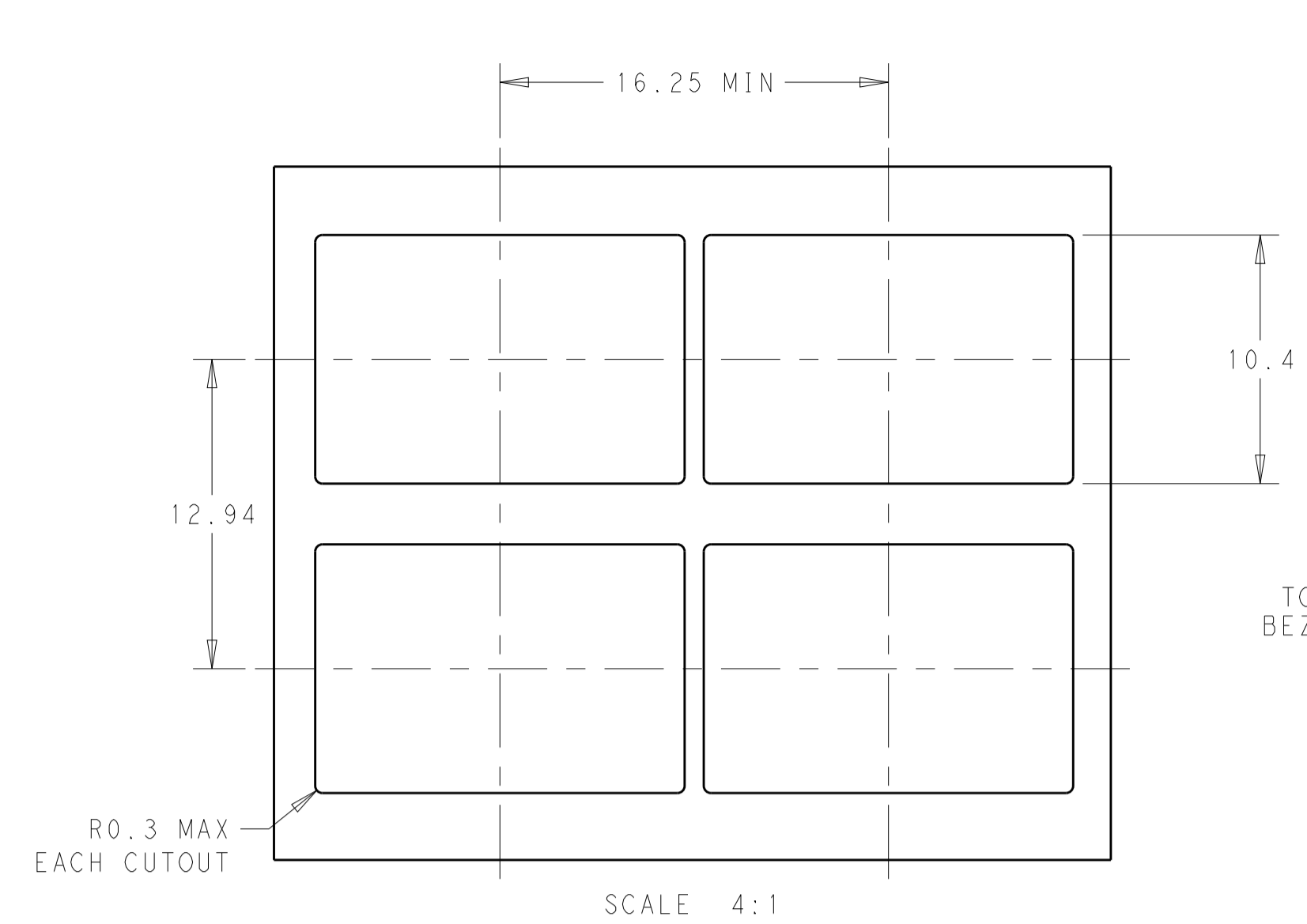


RECOMMENDED PCB LAYOUT
SCALE 8:1

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THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ARTHUR JIN 21DEC2015	TE Connectivity NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 SIZE: A1 CAGE CODE: 2299056 DRAWING NO: 100779C CUSTOMER DRAWING
DIMENSIONS: mm		CHK: SEAN HAN 21DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 21DEC2015	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±0.05		RESTRICTED TO: -	
MATERIAL: FINISH: AL		WEIGHT: -	SCALE: 6:1 SHEET 3 OF 4 REV 4

LOC	DIST	REV	DATE	APPD	DESCRIPTION
GP	00				SEE SHEET 1



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BEFORE USING THIS PRINT

RECOMMENDED PCB LAYOUT
SCALE 8:1

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:	
mm	0 PLC	±0.1	APR	ARITHUR JLN	21DEC2015
	1 PLC	±0.1	CHK	SEAN HAN	21DEC2015
	2 PLC	±0.1	APPD	SEAN HAN	21DEC2015
	3 PLC	±0.05	NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK		
	4 PLC	±0.05	PRODUCT SPEC: 108-2364		
	ANGLES	±0.05	APPLICATION SPEC: 114-13120		
	FINISH		SIZE: CAGE CODE DRAWING NO: A100779C=2299056		
			WEIGHT: -		
CUSTOMER DRAWING		SCALE: 6:1		SHEET 4 OF 4	