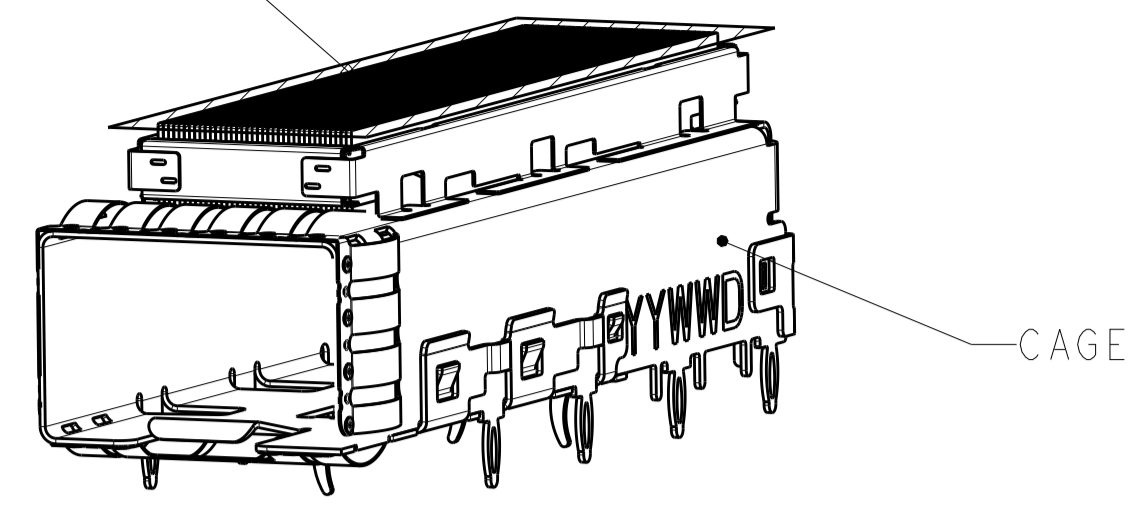


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	08JUN2020	VL	SH

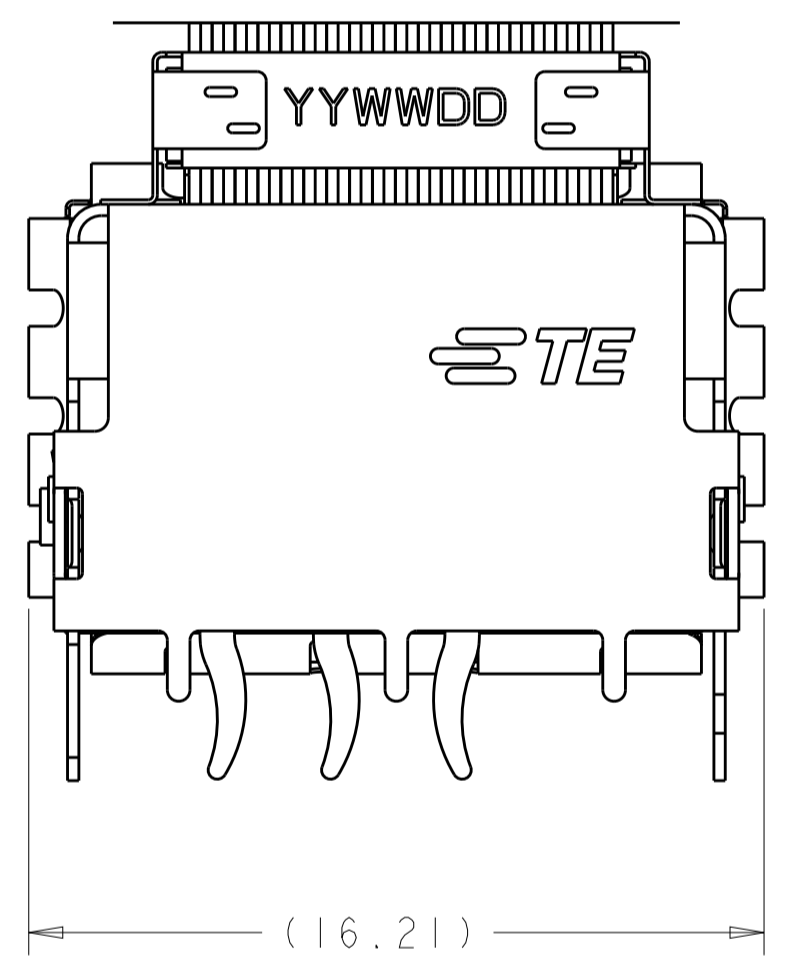
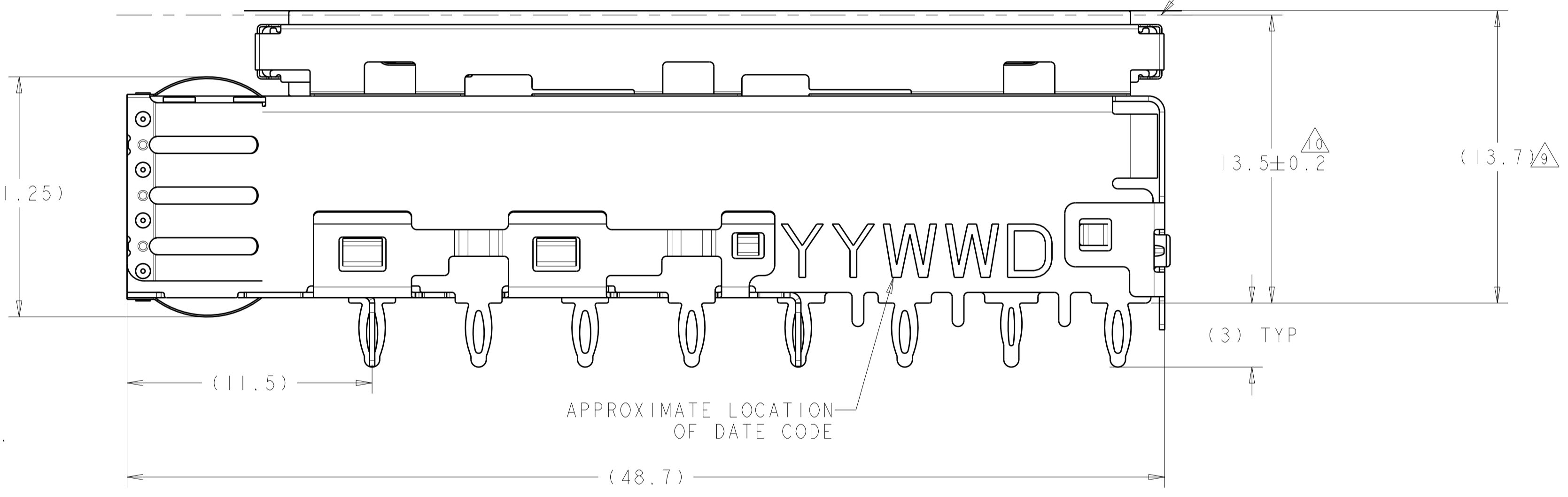
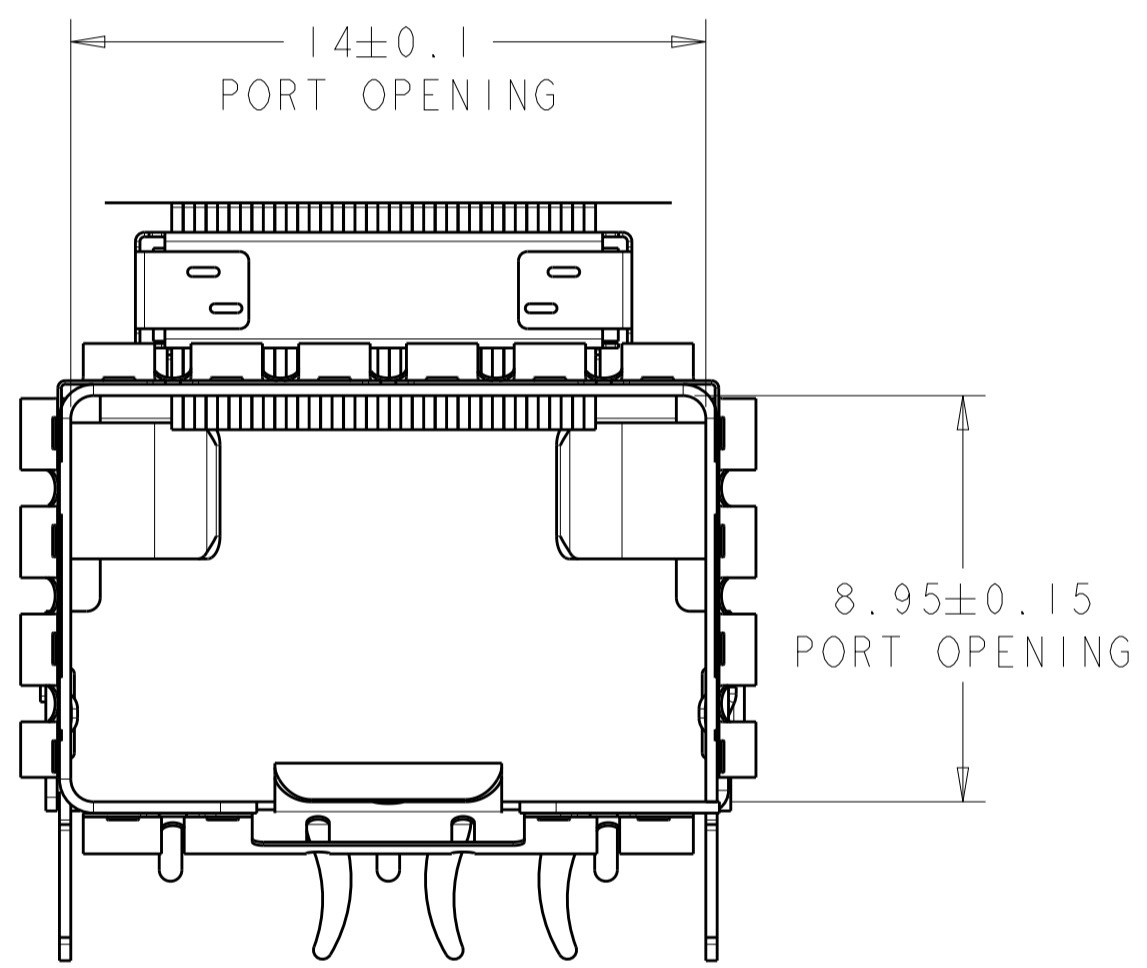
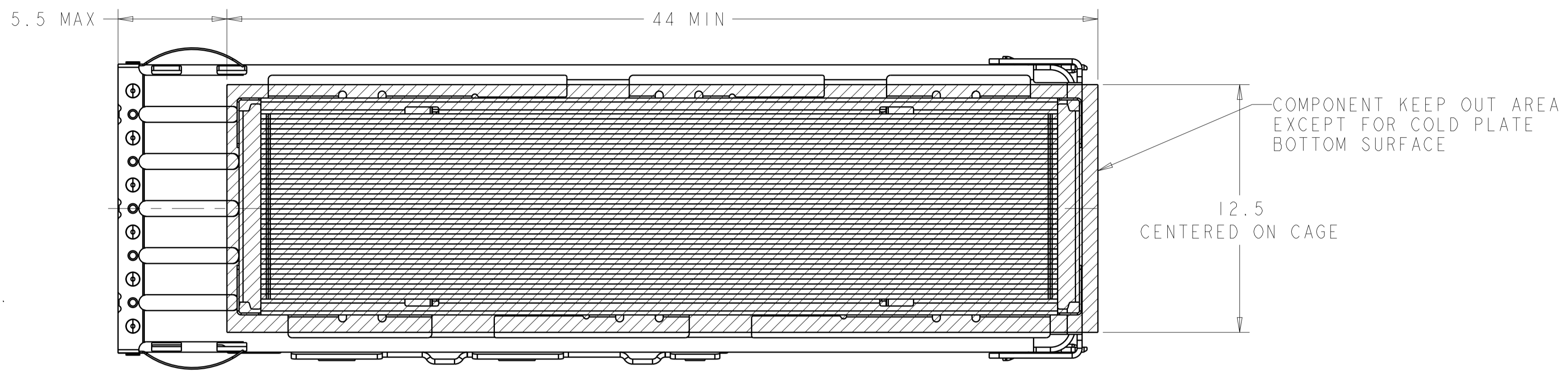
THERMAL BRIDGE HEATSINK



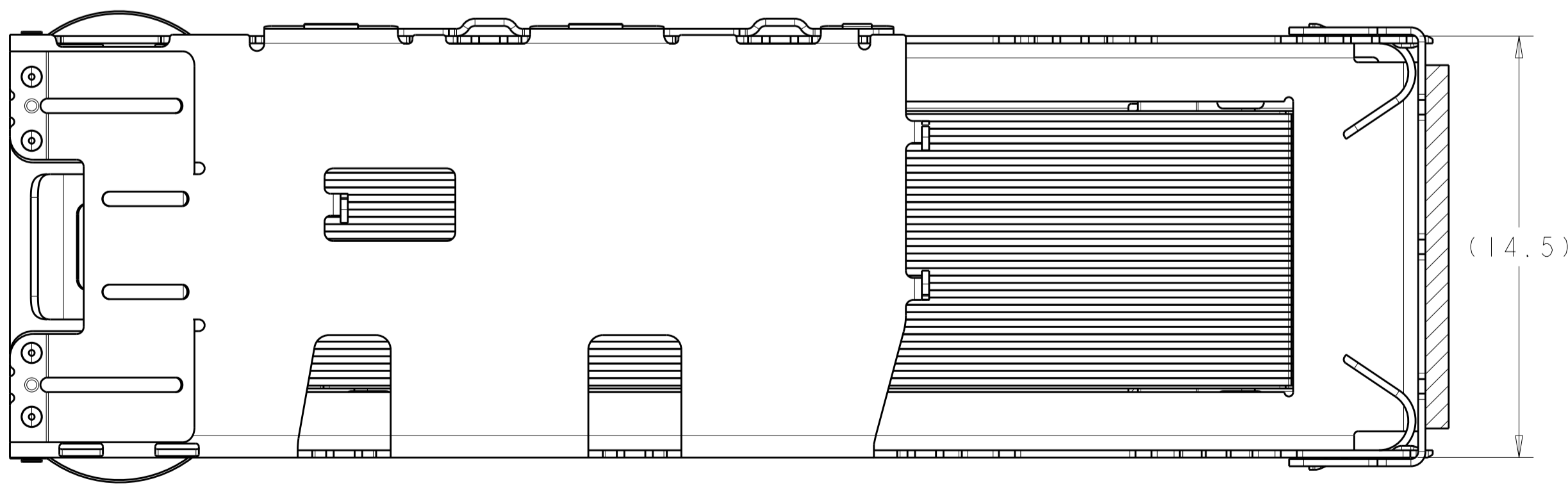
MATERIAL:
 CAGE - 0.25mm THICK NICKEL SILVER ALLOY
 HEATSINK - THERMAL BRIDGE COPPER ALLOY
 EMI SPRING(S) - COPPER ALLOY

FINISH:
 HEATSINK - ELECTROLESS NICKEL
 EMI SPRING(S) - 0.8um MIN MATTE TIN OVER 0.8um MIN NICKEL,
 NON-PLATED EDGES PERMISSIBLE.

- 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 = 1.50mm
 DOUBLE SIDED = 3.00mm
- 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. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 10. RECOMMENDED STANDOFF HEIGHT FOR COLD PLATE:
 OPTION 1: 13.50 +/-0.20 MM WITH THERMAL GREASE, THERMAL
 GREASE THICKNESS: 0.10 +/-0.05MM.
 OPTION 2: 13.40 +/-0.20 MM WITHOUT THERMAL GREASE.



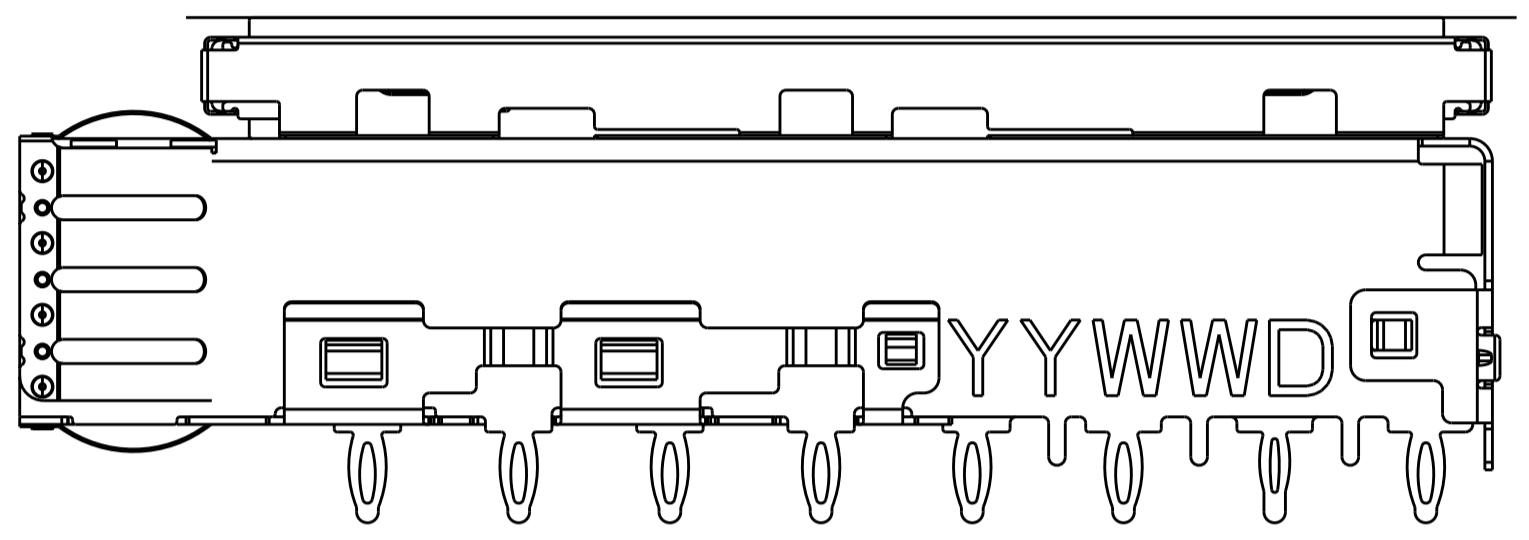
NO LOCATED PINS	THERMA BRIDGE	2358986-3
-	THERMA BRIDGE	2358986-1
REMARK	HEAT SINK TYPE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: VINDY LIU 13JUL2019	
mm	0 PLC ±	CHK: SEAN HAN 13JUL2019	
	1 PLC ±0.30	APVD: SEAN HAN 13JUL2019	
	2 PLC ±0.20	NAME: SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT EXTERNAL EMI SPRINGS, W/ TB	
	3 PLC ±	PRODUCT SPEC: 108-2364/108-130042	RESTRICTED TO
	4 PLC ±	APPLICATION SPEC: 114-130017	SIZE: A1
MATERIAL	FINISH	WEIGHT	CAGE CODE: 00779
			DRAWING NO: 2358986_C
CUSTOMER DRAWING		SCALE: 6:1	SHEET 1 OF 4

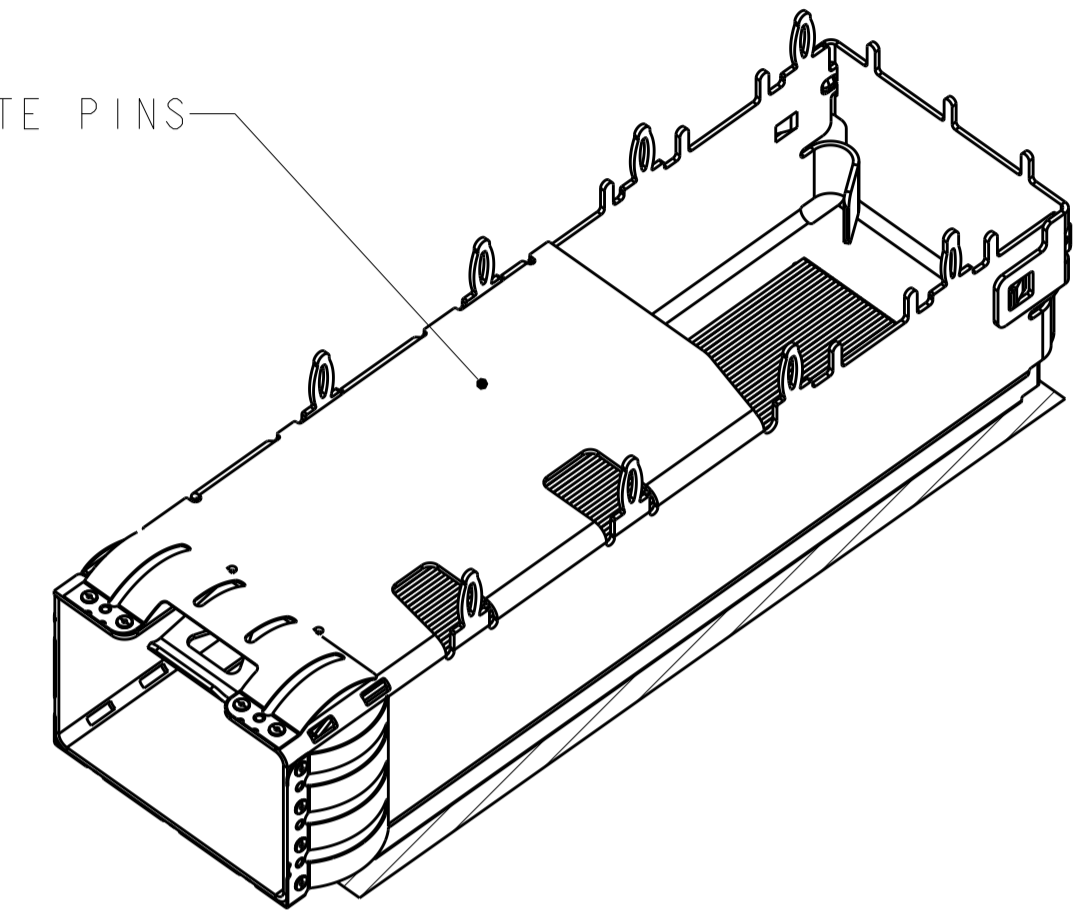
LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-

2358986-3 AS SHOWN:
SAME AS -1 EXCEPT W/O BOTTOM 3 LOCATE PINS



2358986-3
SCALE 4:1

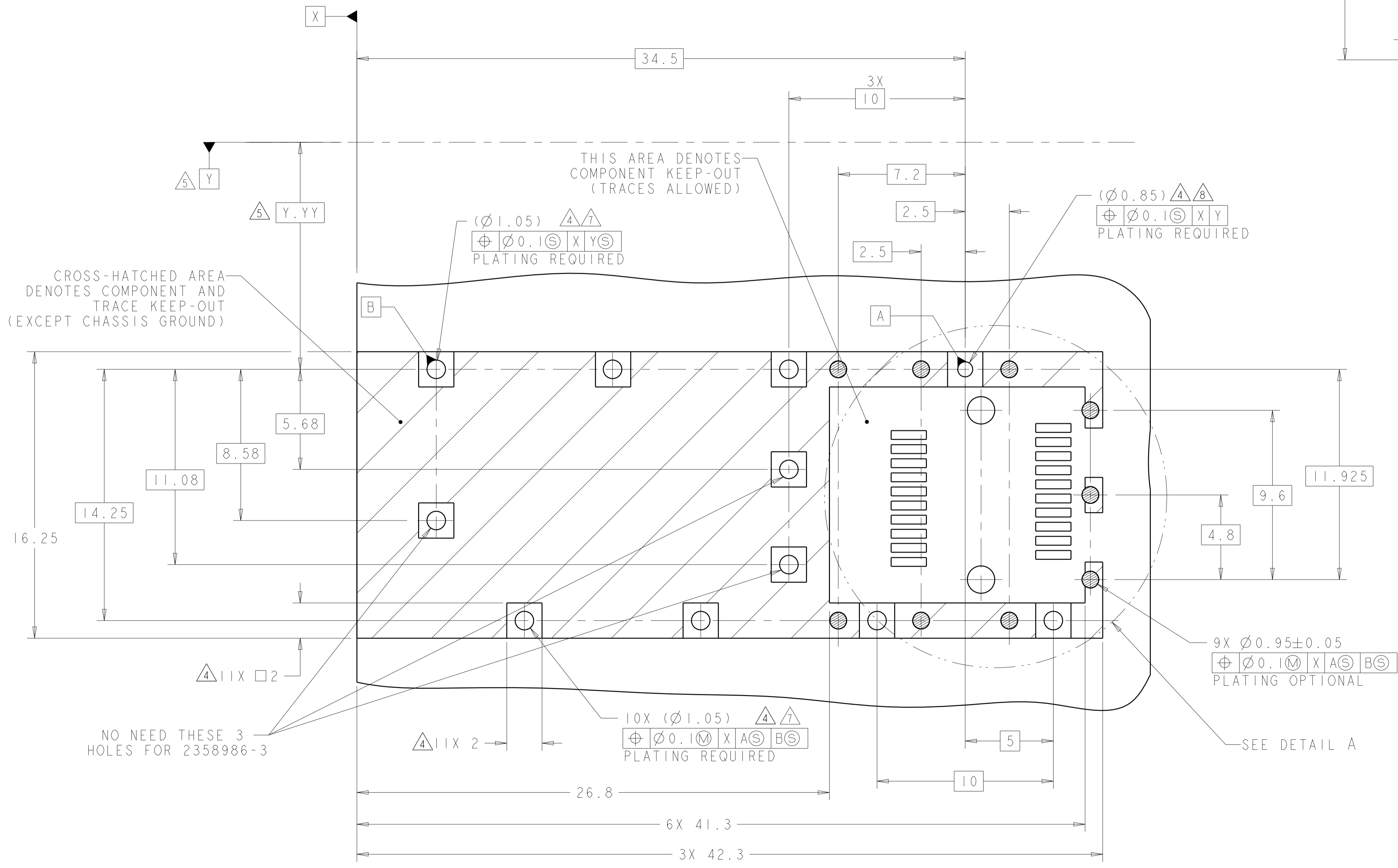
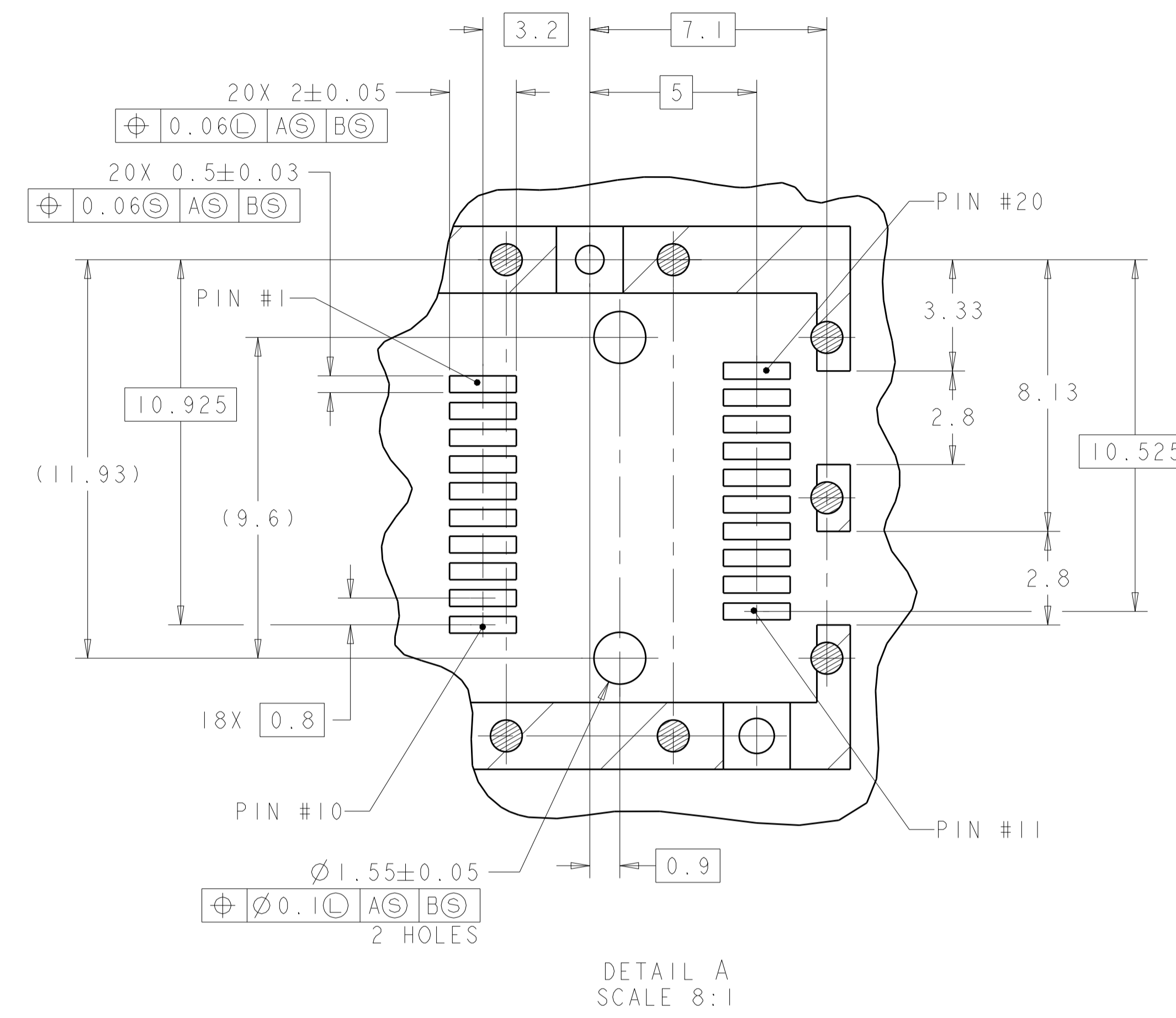
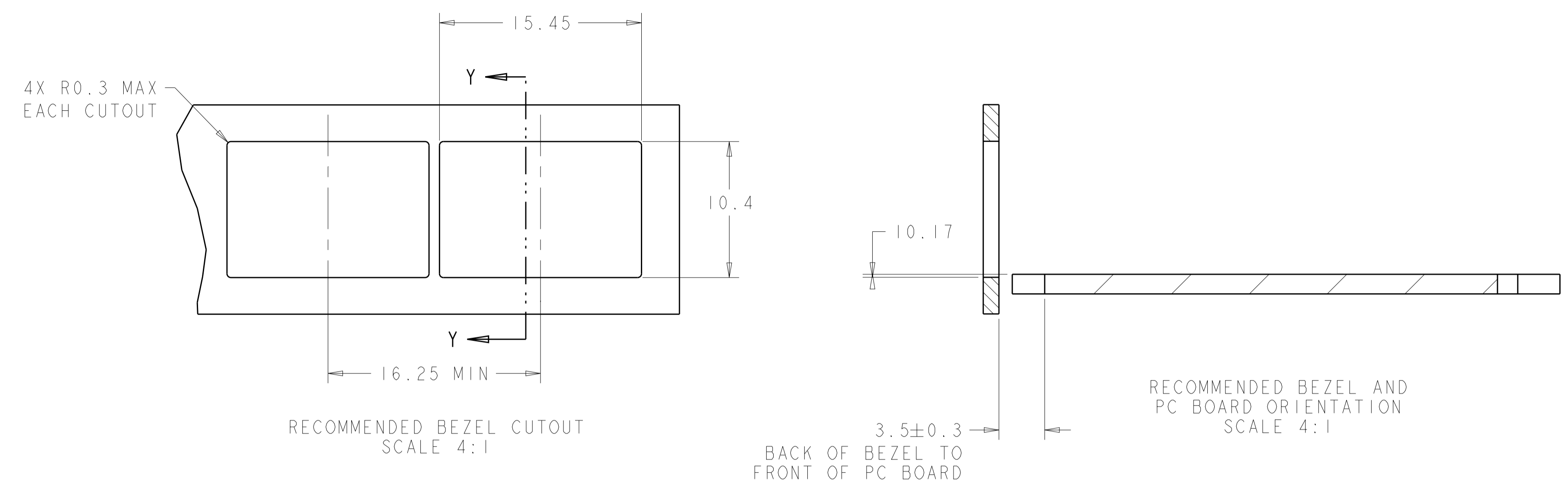
NO BOTTOM LOCATE PINS



SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN	VINDY LIU	13JUL2019	TE Connectivity NAME SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT EXTERNAL EMI SPRINGS, W/ TB - SIZE A1 CAGE CODE 00779 DRAWING NO C=2358986_C RESTRICTED TO - SCALE 6:1 SHEET 2 OF 4 REV A
DIMENSIONS:		CHK	SEAN HAN	13JUL2019	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN	13JUL2019	
mm		PRODUCT SPEC	108-2364/108-130042		
0 PLC ±		APPLICATION SPEC	114-130017		
1 PLC ±0.30		WEIGHT	-		
2 PLC ±0.20		CUSTOMER DRAWING		SCALE 6:1	
3 PLC ±				SHEET 2 OF 4	
4 PLC ±				REV A	
ANGLES ±					
FINISH					

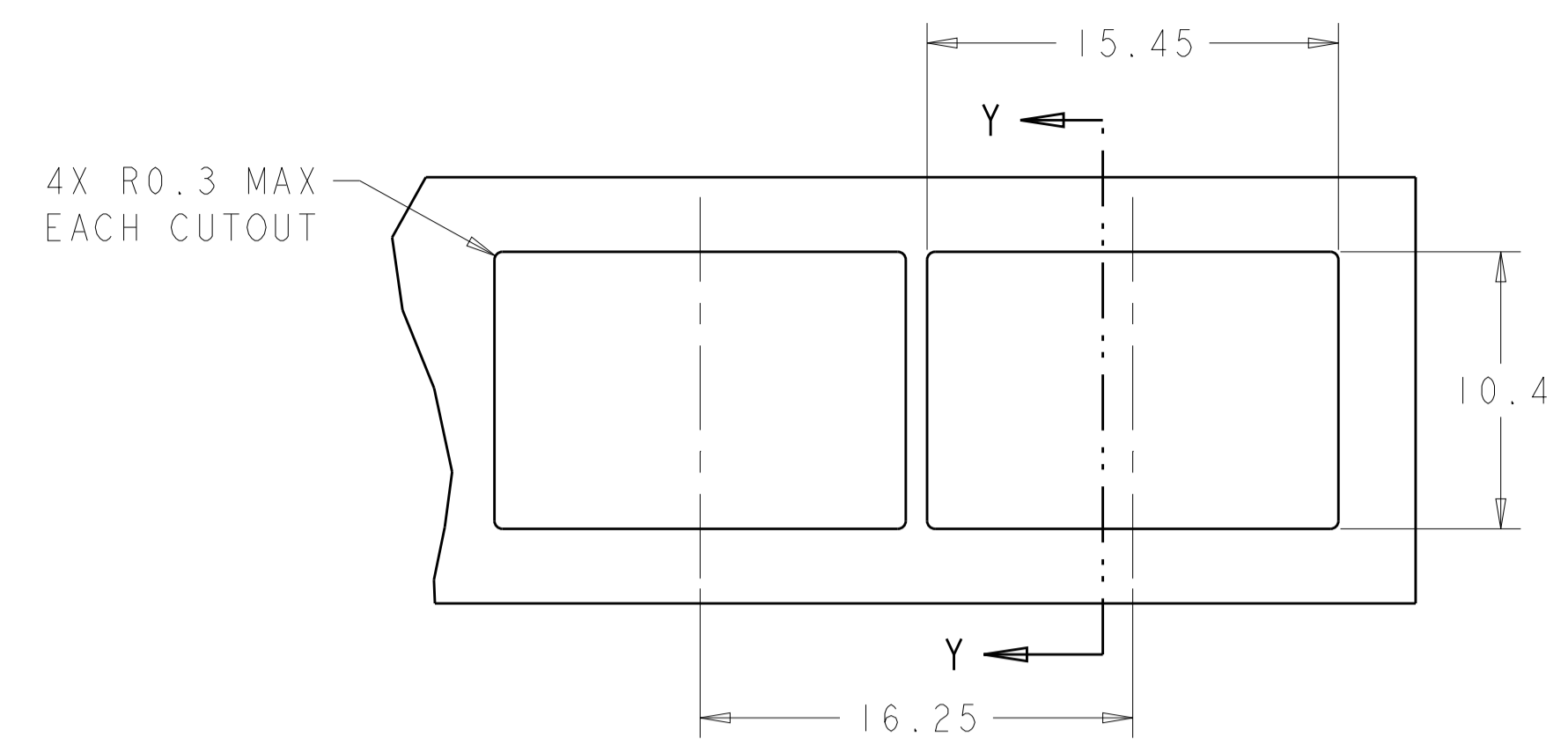
LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		-	SEE SHEET 1	-	-



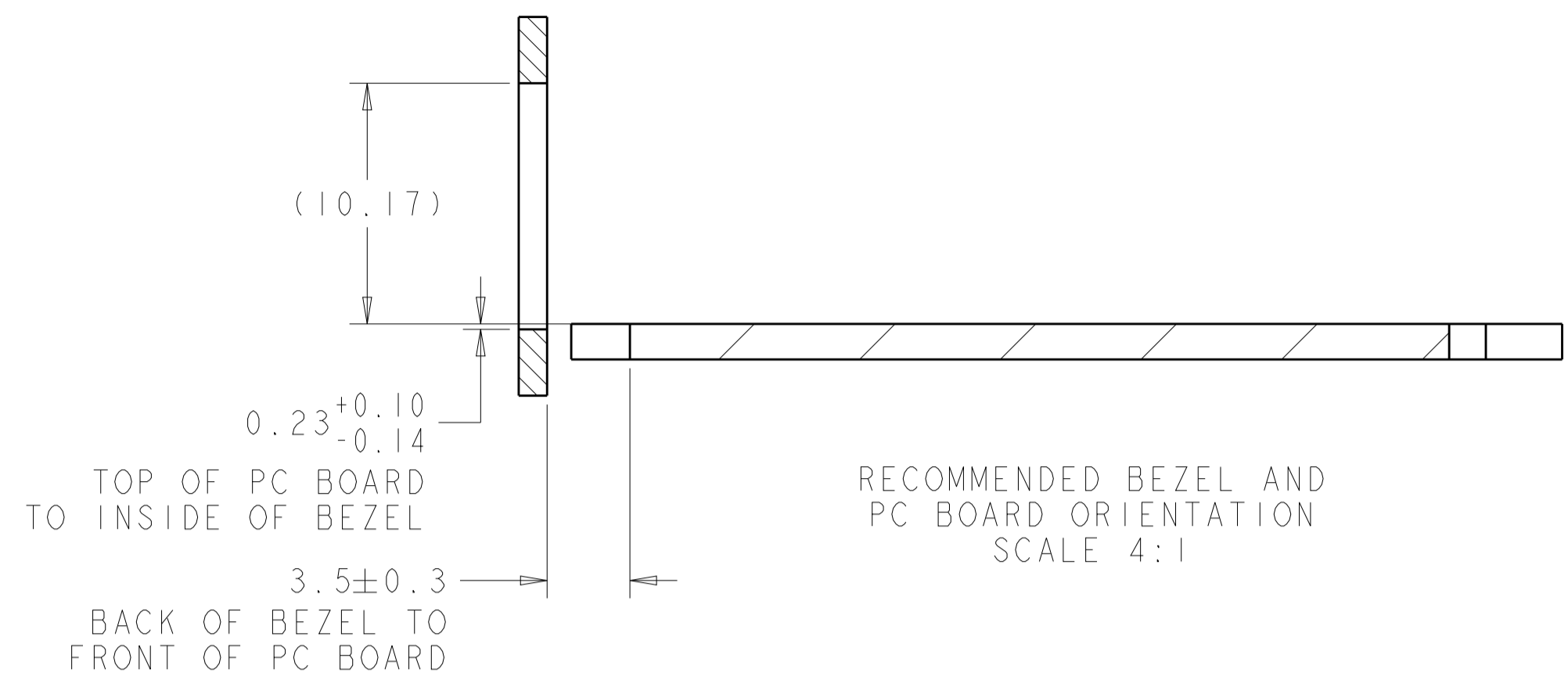
RECOMMENDED PCB LAYOUT SCALE 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: VINDY LIU 13JUL2019	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 13JUL2019	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: SEAN HAN 13JUL2019	NAME: SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT EXTERNAL EMI SPRINGS, W/ TB
0 PLC ±		PRODUCT SPEC	SIZE: 108-2364/108-130042
1 PLC ±0.30		APPLICATION SPEC	RESTRICTED TO
2 PLC ±0.20		114-130017	SCALE: 6:1
3 PLC ±		WEIGHT	SHEET 3 OF 4
4 PLC ±		CUSTOMER DRAWING	REV A
ANGLES ±		A100779C=2358986_C	

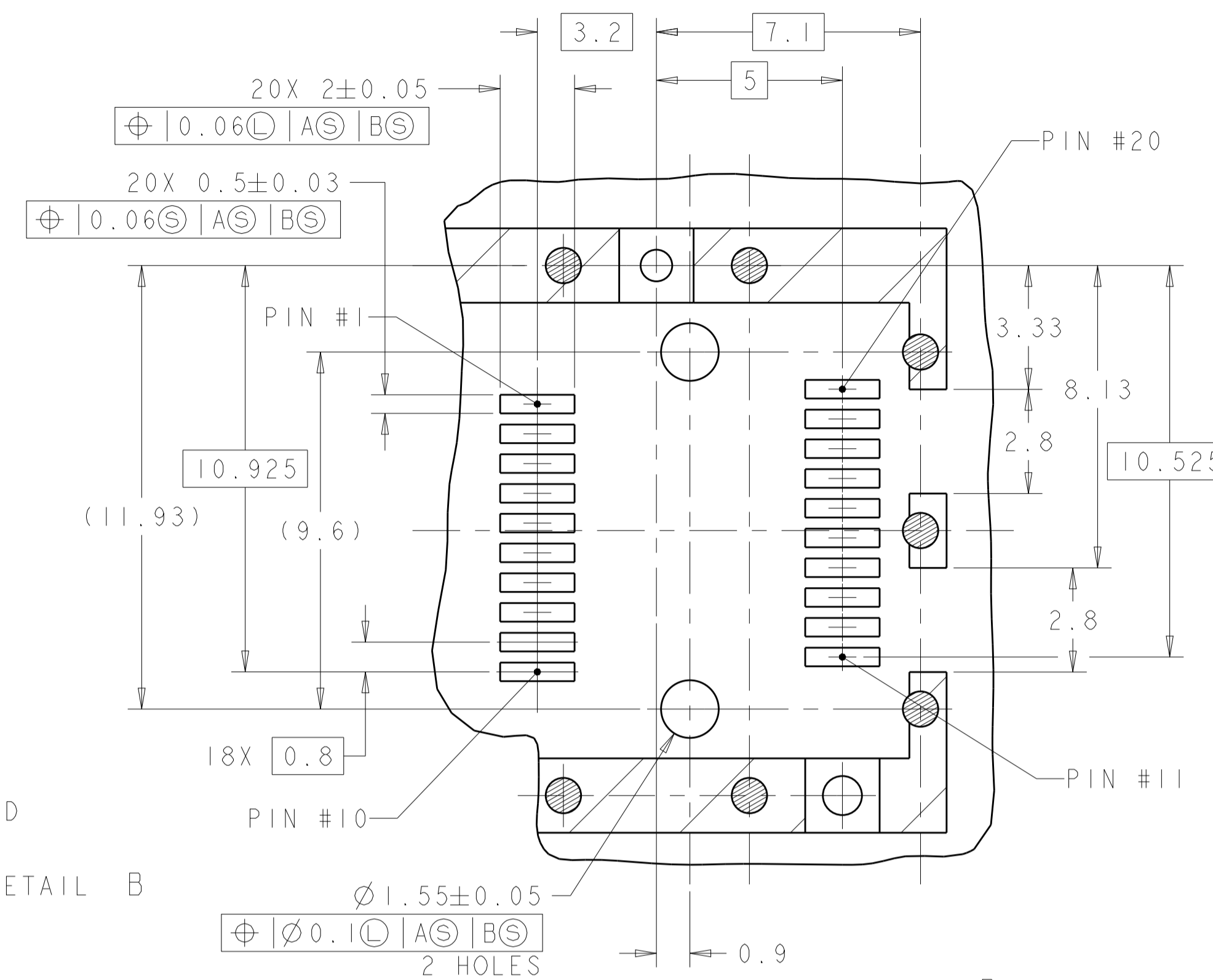
LOC	DIST	REV	DATE	BY	APPD
GP	00				
REVISIONS					
DESCRIPTION			DATE	BY	APPD
SEE SHEET 1					



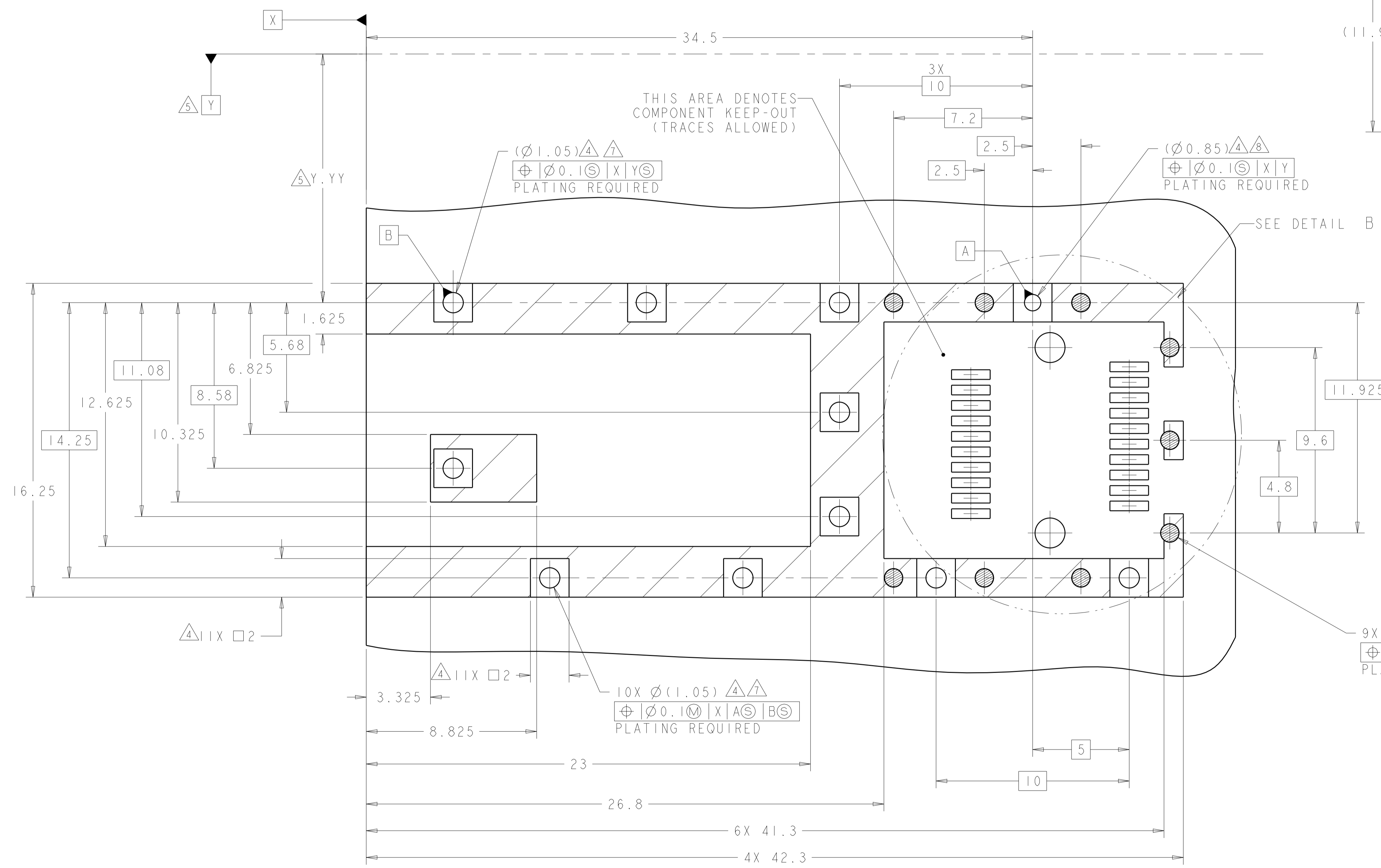
RECOMMENDED BEZEL CUTOUT
SCALE 4:1



TOP OF PC BOARD TO INSIDE OF BEZEL
BACK OF BEZEL TO FRONT OF PC BOARD
RECOMMENDED BEZEL AND PC BOARD ORIENTATION
SCALE 4:1



DETAIL B
SCALE 8:1



RECOMMENDED PCB LAYOUT FOR WITH INSULATING TAPE PART
SCALE 8:1

9X Ø0.95 ± 0.05
PLATING OPTIONAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: VINDY LIU 13JUL2019	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 13JUL2019	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 13JUL2019	NAME: SFP+ 1X1 CAGE ASSEMBLY, PRESS-FIT EXTERNAL EMI SPRINGS, W/ TB
0 PLC ±0.30		PRODUCT SPEC: 108-2364/108-130042	SIZE: A1
1 PLC ±0.20		APPLICATION SPEC: 114-130017	SCALE: 6:1
2 PLC ±		WEIGHT: -	SHEET: 4 OF 4
3 PLC ±		CUSTOMER DRAWING	REV: A
4 PLC ±			
ANGLES ±			
FINISH			

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