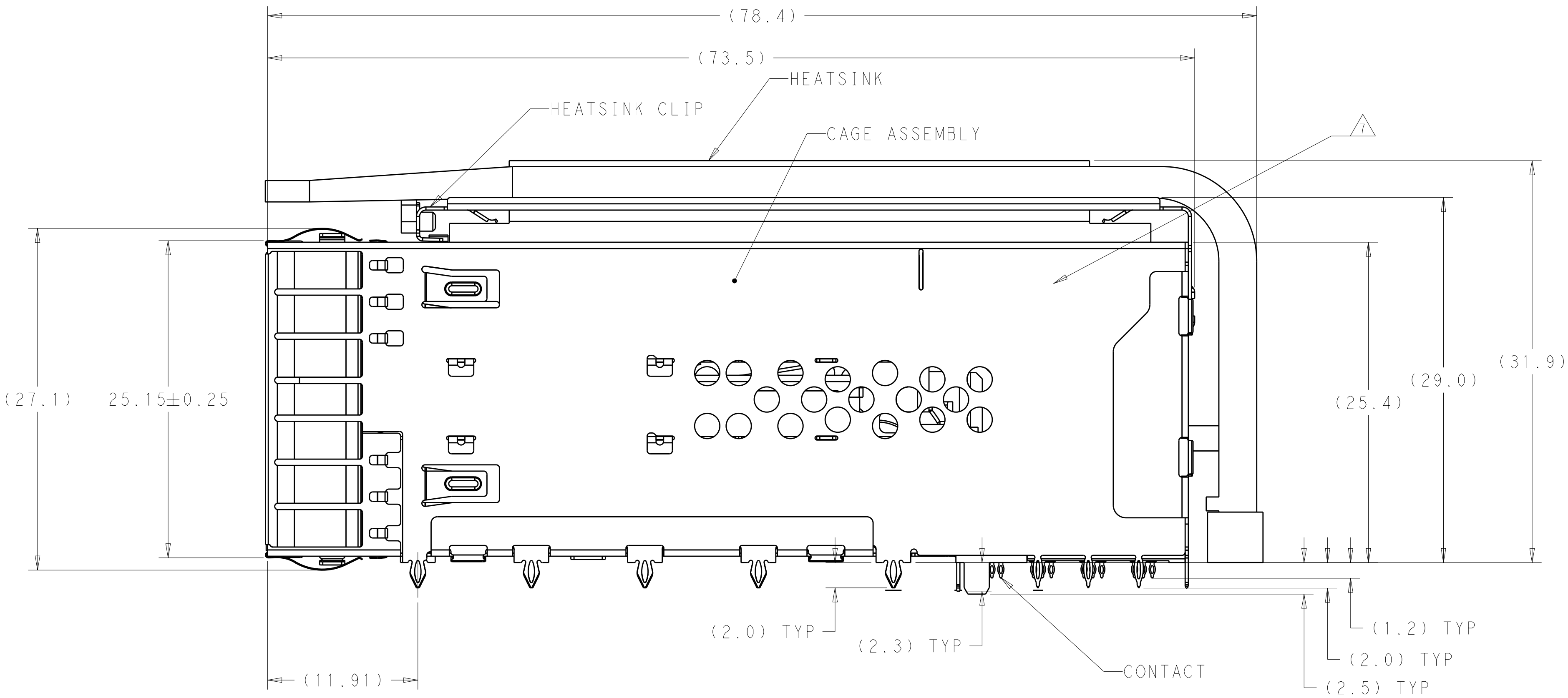
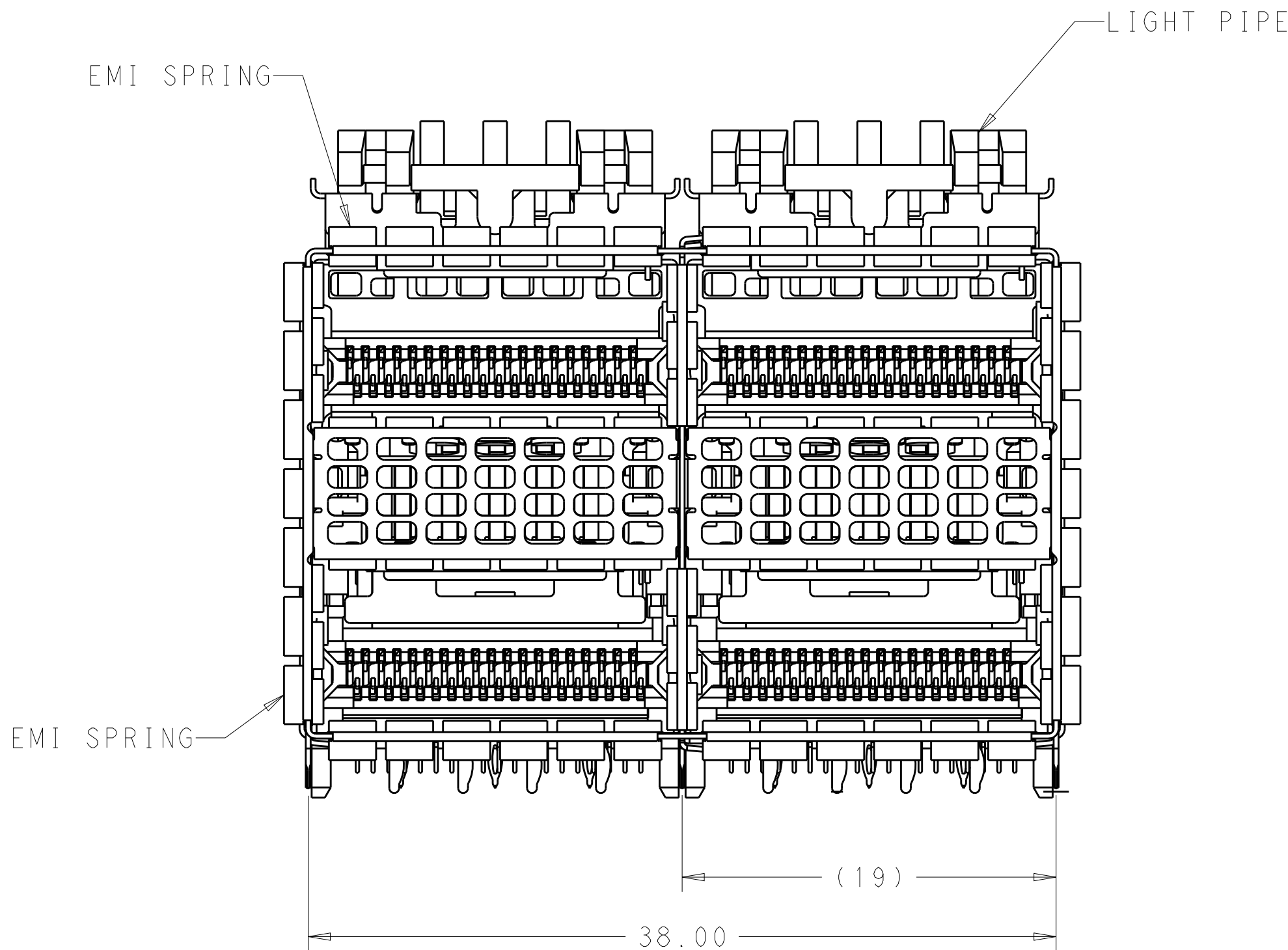
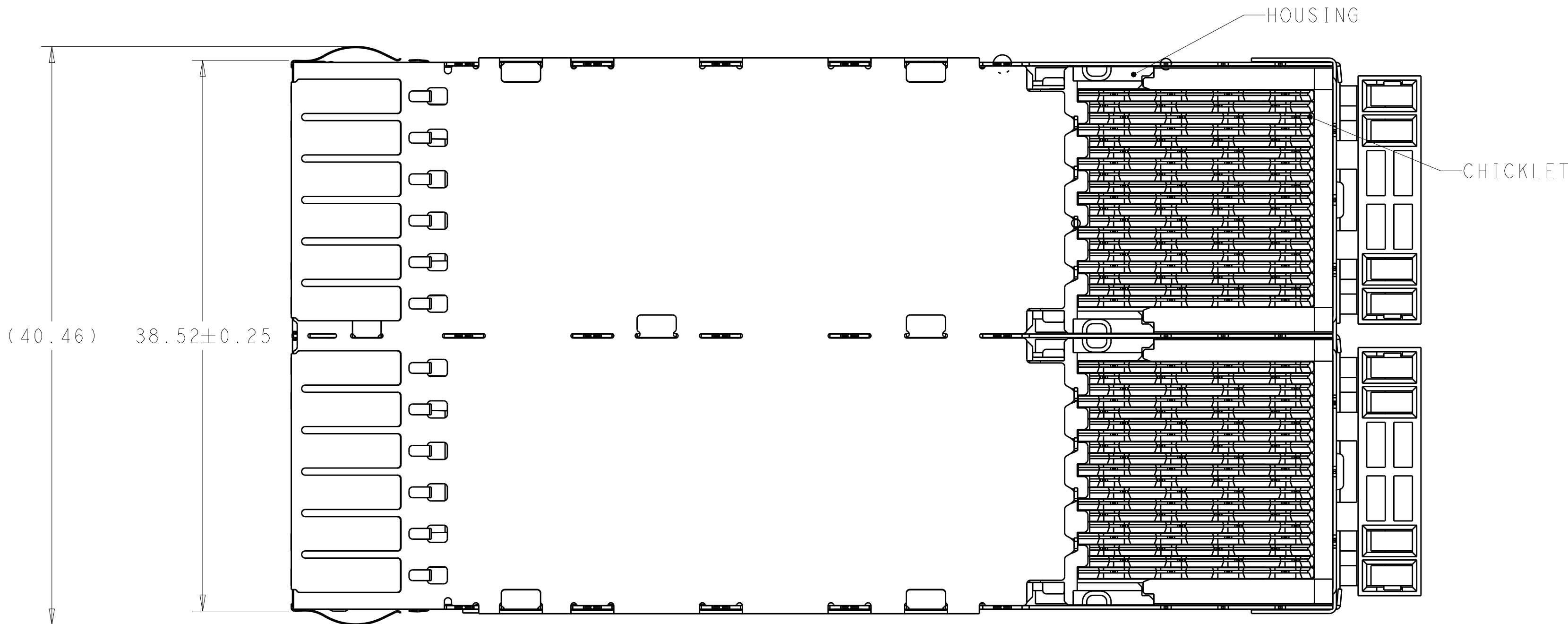


LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	INITIAL RELEASE	13MAR2017	LL	SH
					B	REVISED PER ECO-17-012744	31AUG2017	TX	SH



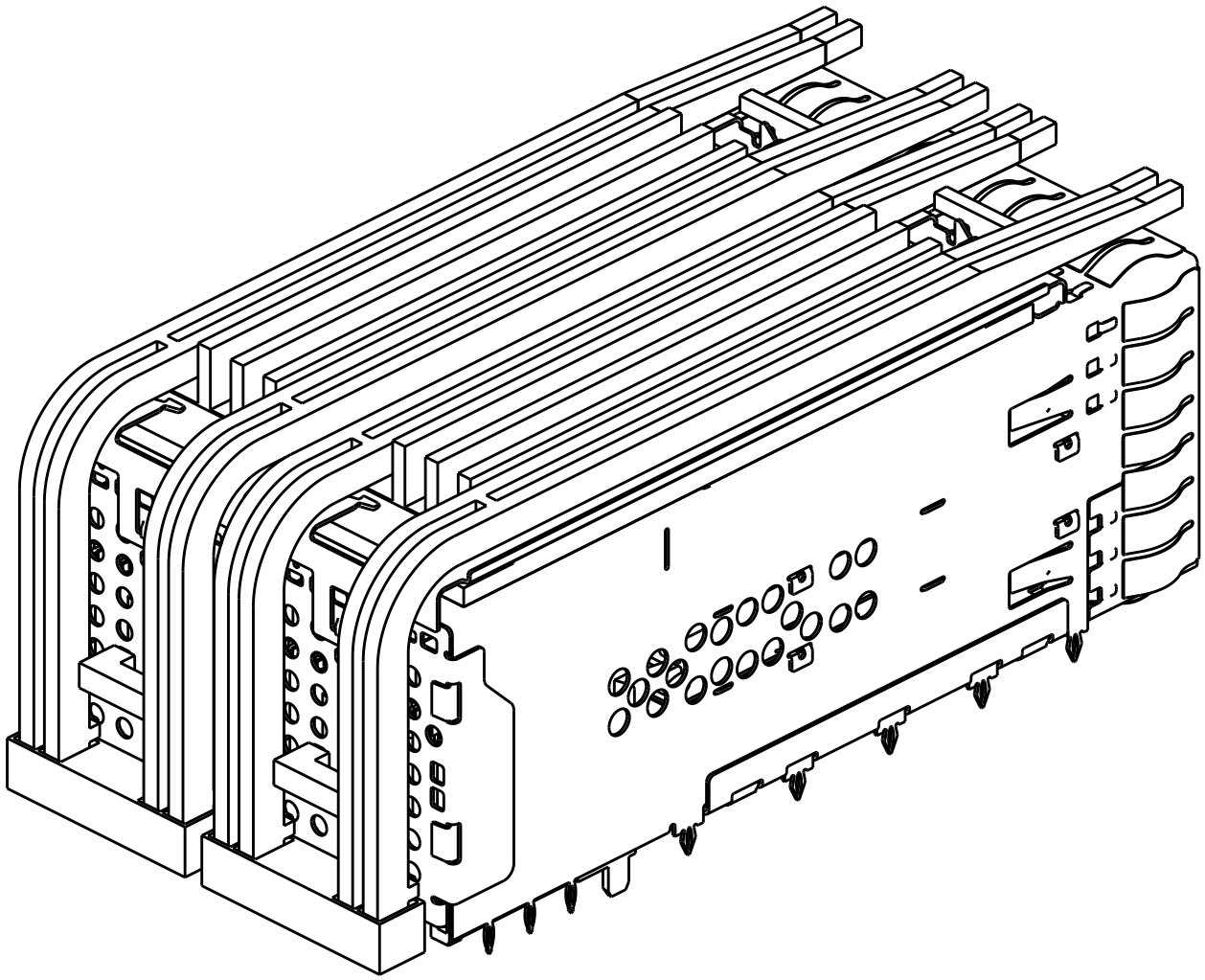
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 1.57.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES.
6. CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
7. PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.
8. HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.
9. CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.



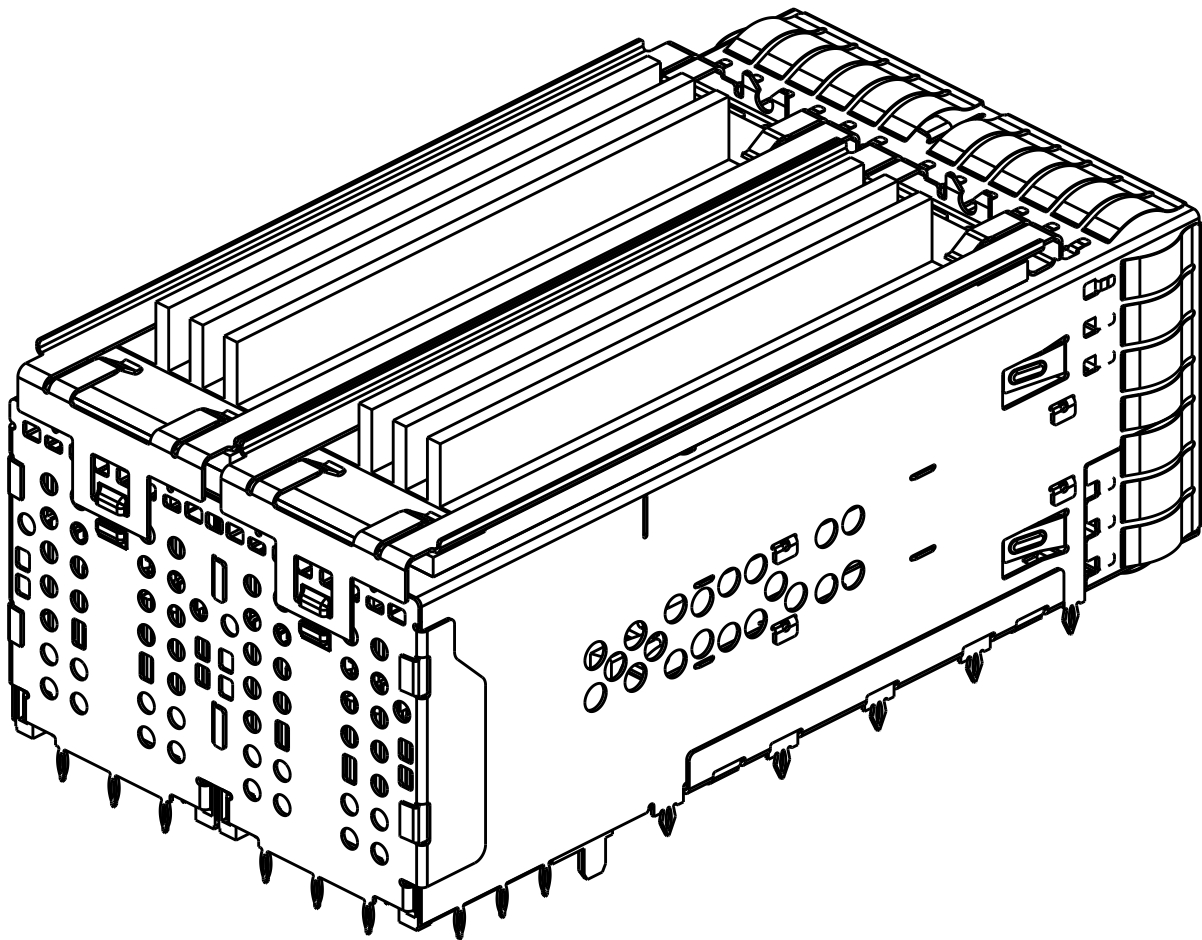
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1
CONTACT FINISH	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: TIM XUE 28JAN2016	TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 28JAN2016		
mm		APVD: SEAN HAN 28JAN2016	NAME	
		PRODUCT SPEC	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZOSFP+ STACKED WITH HS	
		108-60102		
		APPLICATION SPEC		
		114-60015		
MATERIAL		WEIGHT	SIZE	
SEE NOTE 1		SEE NOTE 2	A100779C=2299870	
		CUSTOMER DRAWING	RESTRICTED TO	
			SCALE 4:1 SHEET 1 OF 8 REV B	

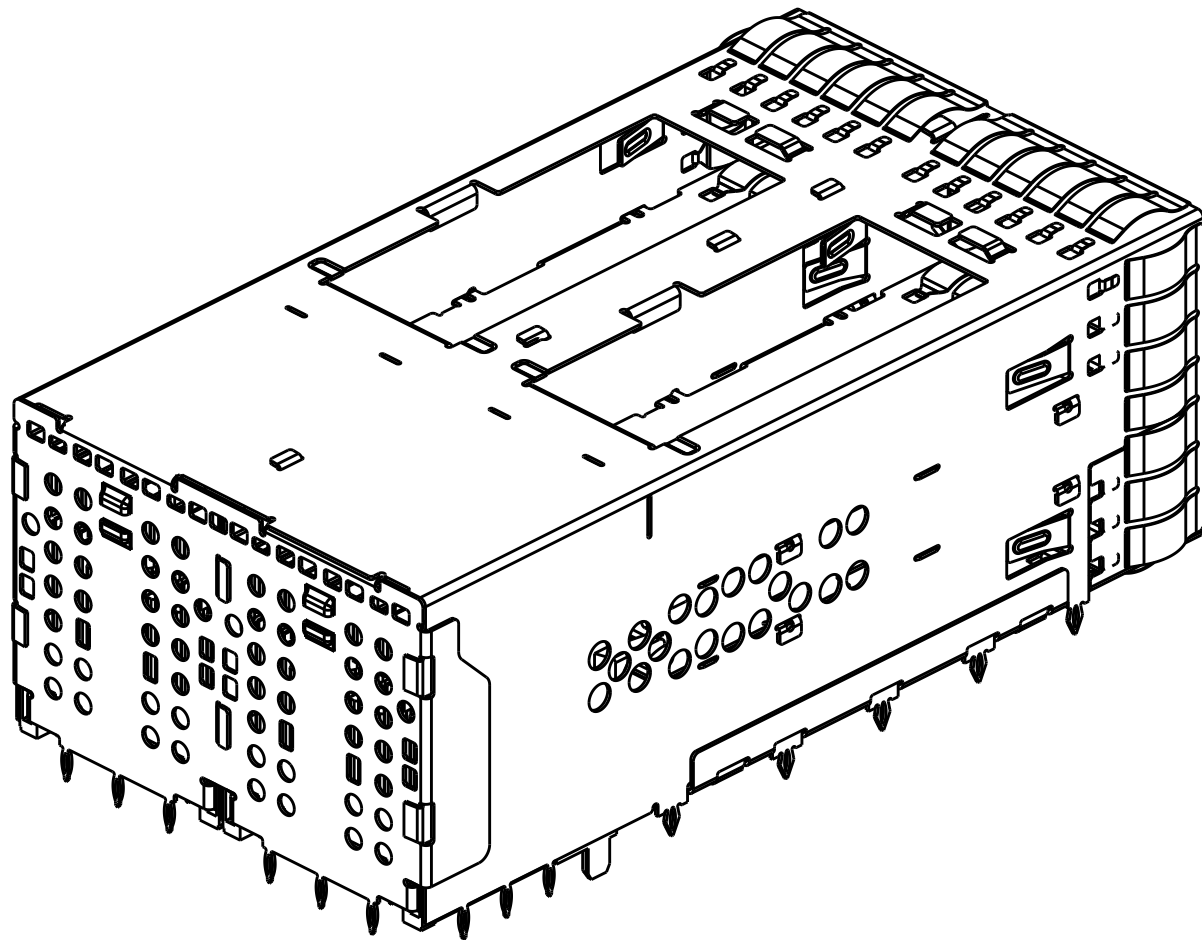
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



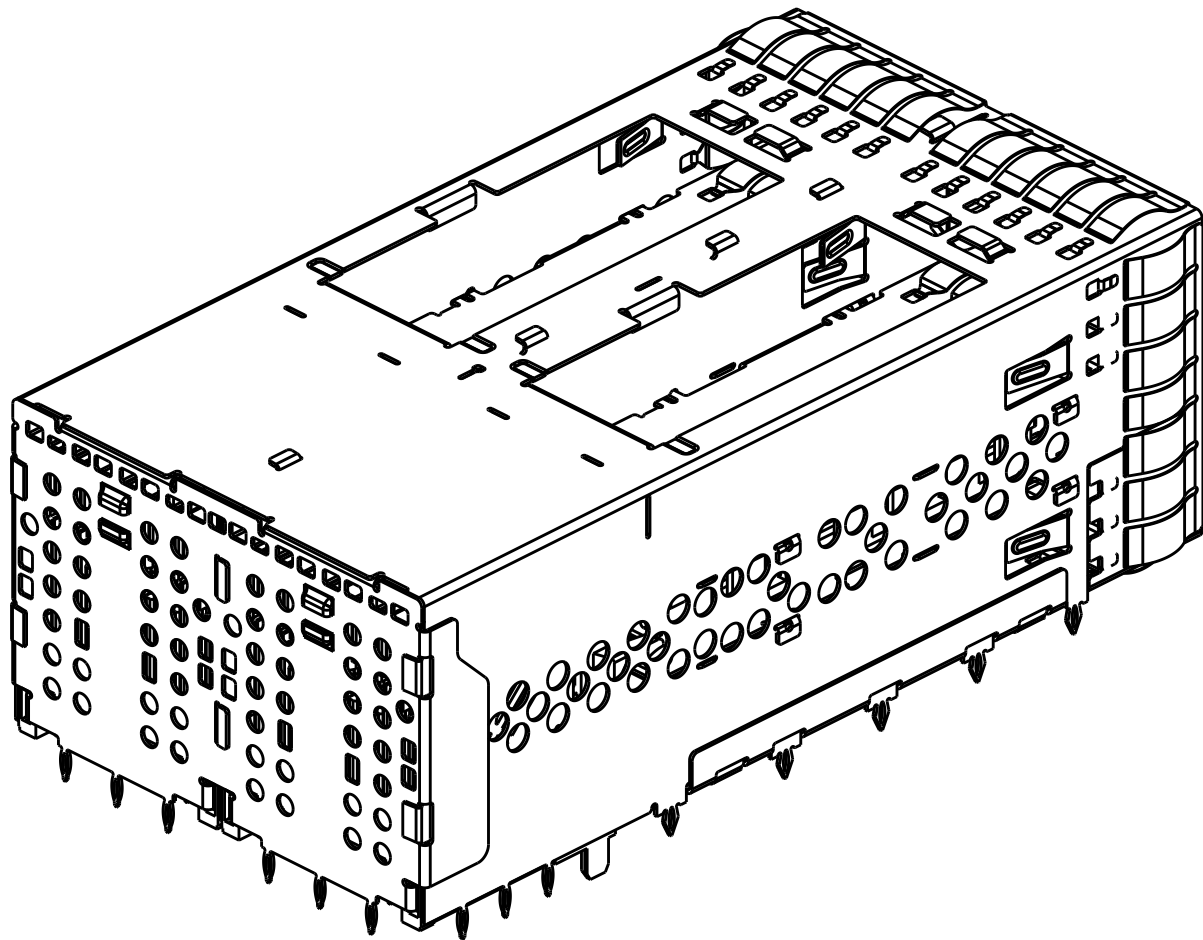
2299870-1 AS SHOWN
SCALE 2:1



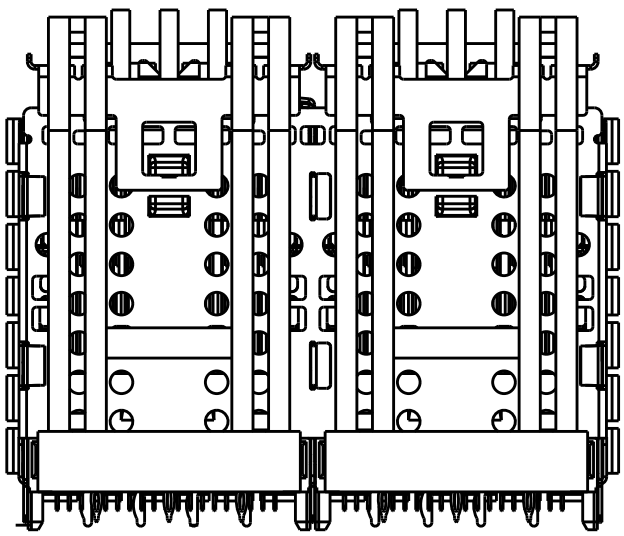
2299870-2 AS SHOWN
SAME AS 2299870-1 EXCEPT
W/O LEGHT PIPE AND ORGANIZER
SCALE 2:1



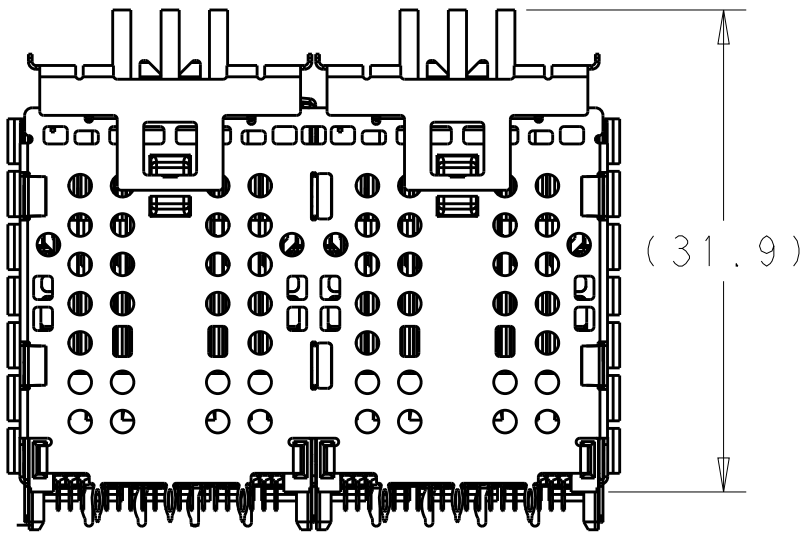
2299870-4 AS SHOWN
SAME AS 2299870-2 EXCEPT
W/O EXTERNAL HEAT SINK AND LP
SCALE 2:1



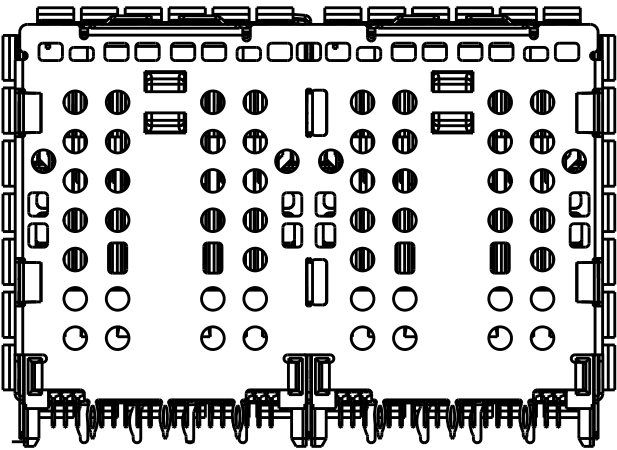
2299870-5
SCALE 2:1



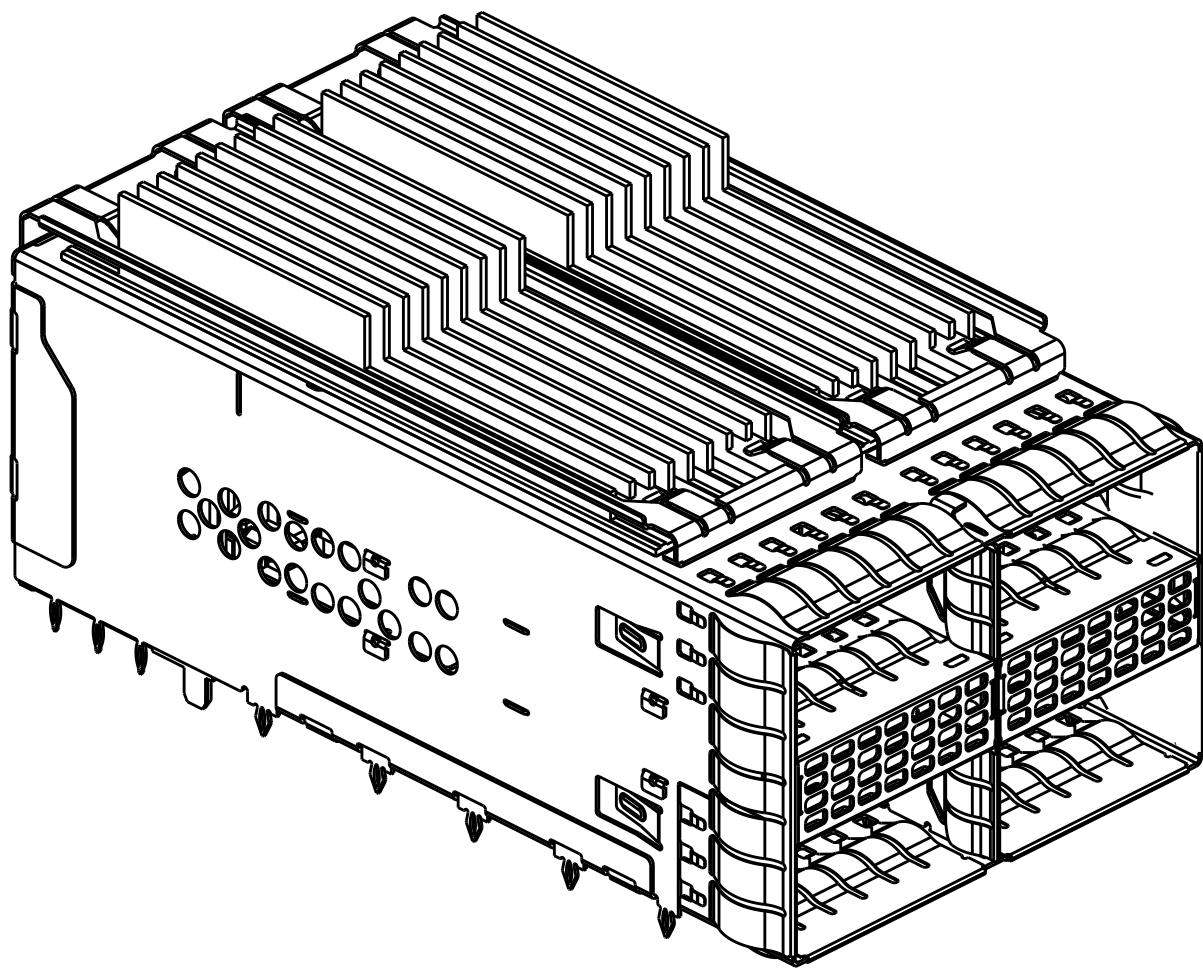
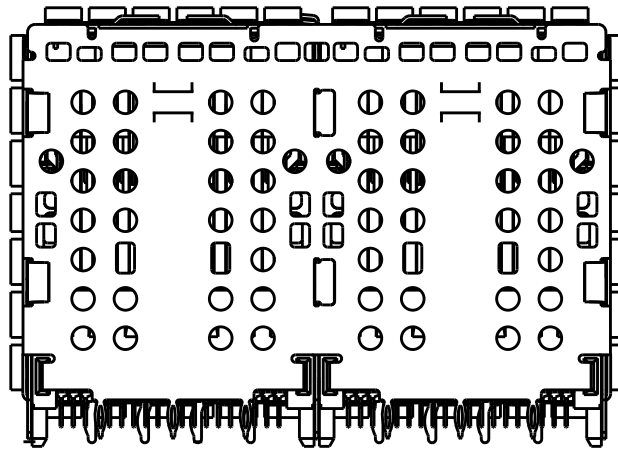
2299870-1
SCALE 2:1



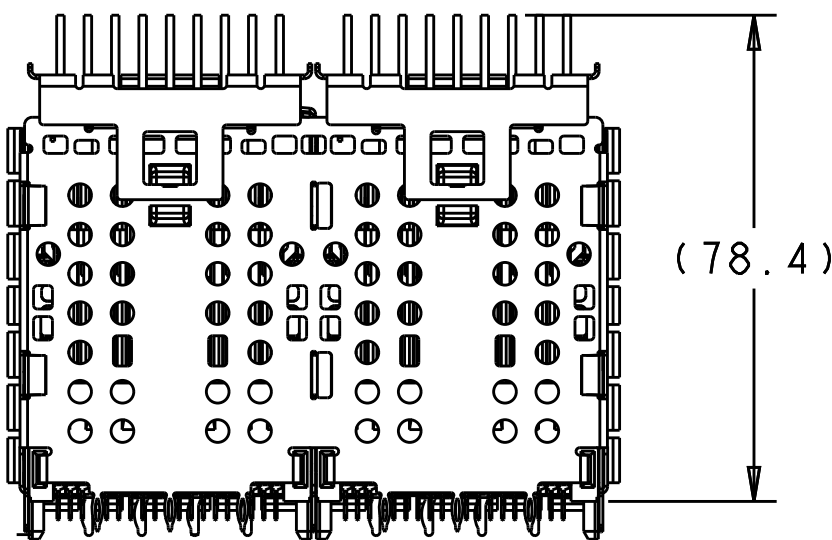
2299870-2
SCALE 2:1



2299870-4
SCALE 2:1



2299870-6
SCALE 2:1

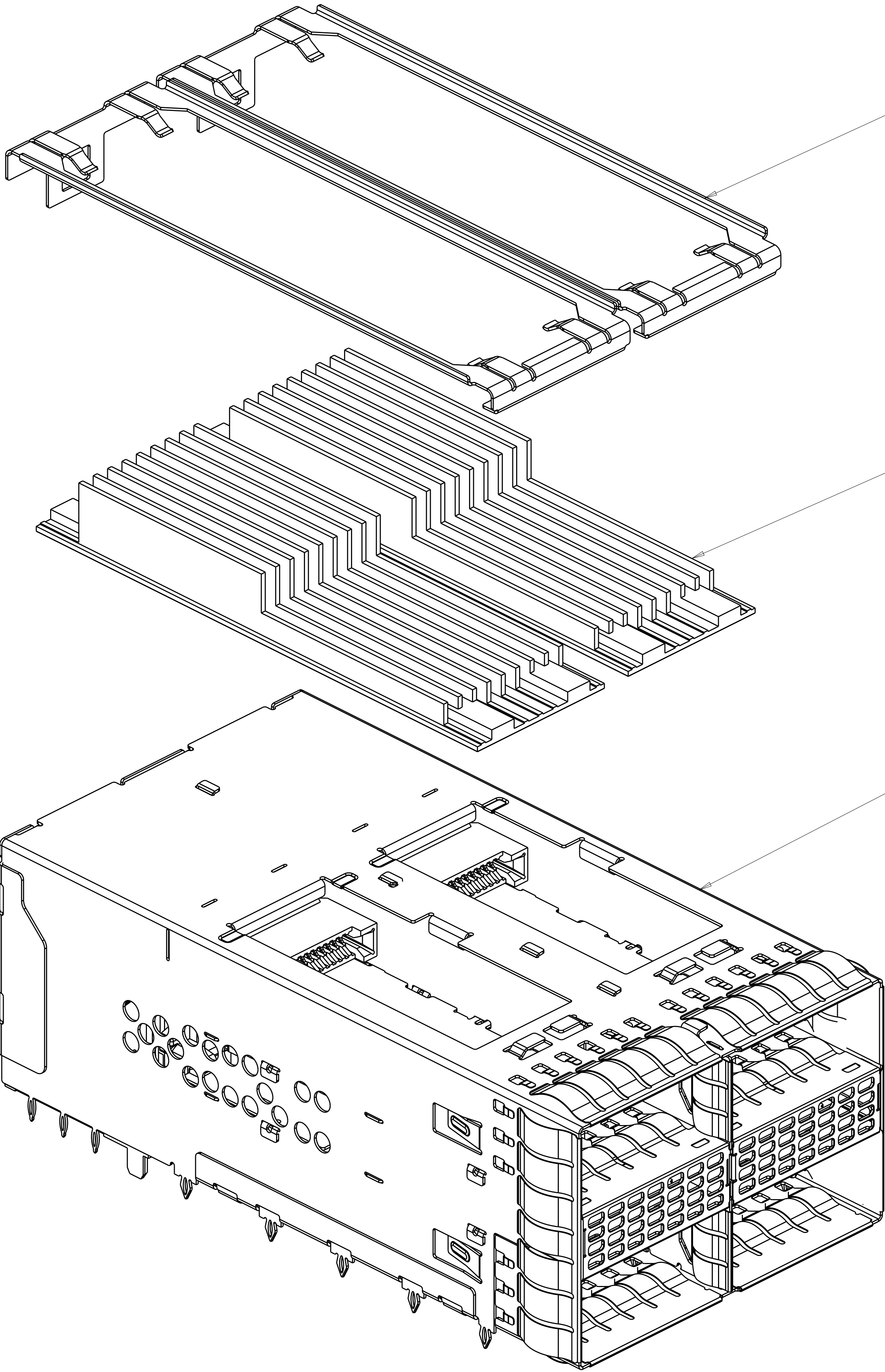


2299870-6
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN	TIM XUE		28JAN2016		 TE Connectivity																				
				CHK	SEAN HAN		28JAN2016																						
DIMENSIONS:				APVD	SEAN HAN		28JAN2016		NAME		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS																		
mm																													
				PRODUCT SPEC				SIZE				CAGE CODE				DRAWING NO				RESTRICTED TO									
				108-60102																									
				APPLICATION SPEC																									
				114-60015																									
				FINISH																									
MATERIAL				WEIGHT				A1				00779				C=2299870													
SEE NOTE 1				SEE NOTE 2				CUSTOMER DRAWING				SCALE				4:1		SHEET		2		OF		8		REV		B	

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

2299870-3 AS SHOWN, KIT PACKAGE



HEAT SINK CLIP
PN: 1-2300832-7

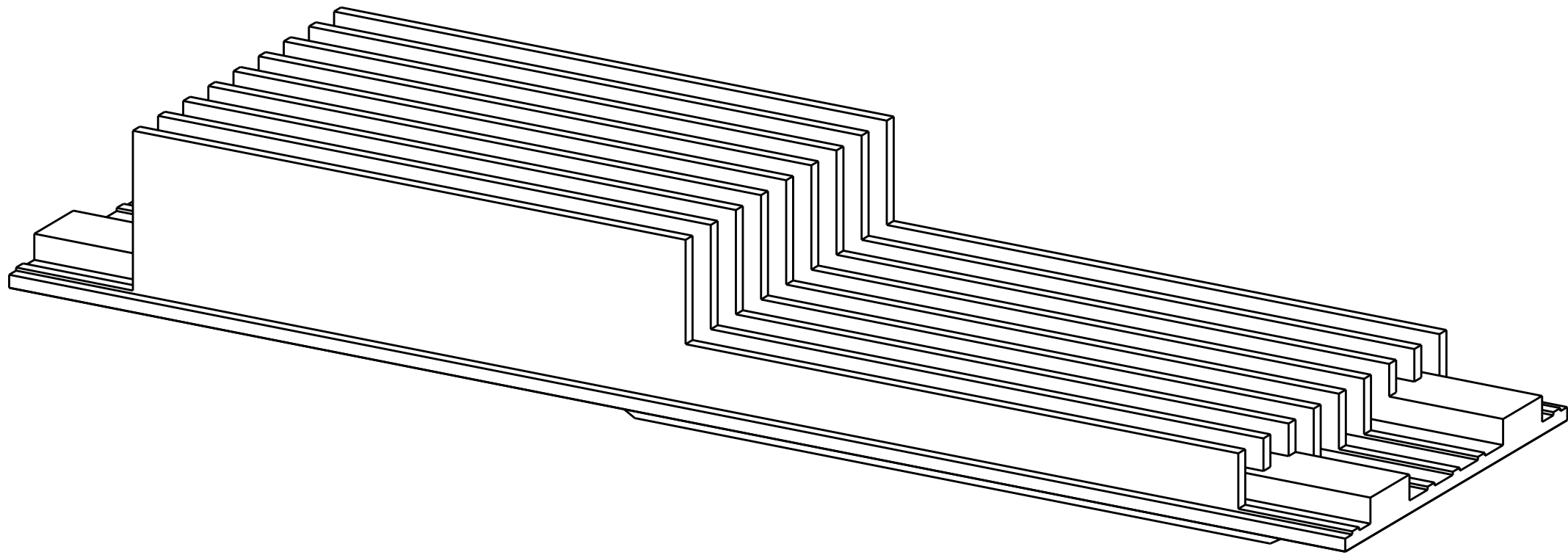
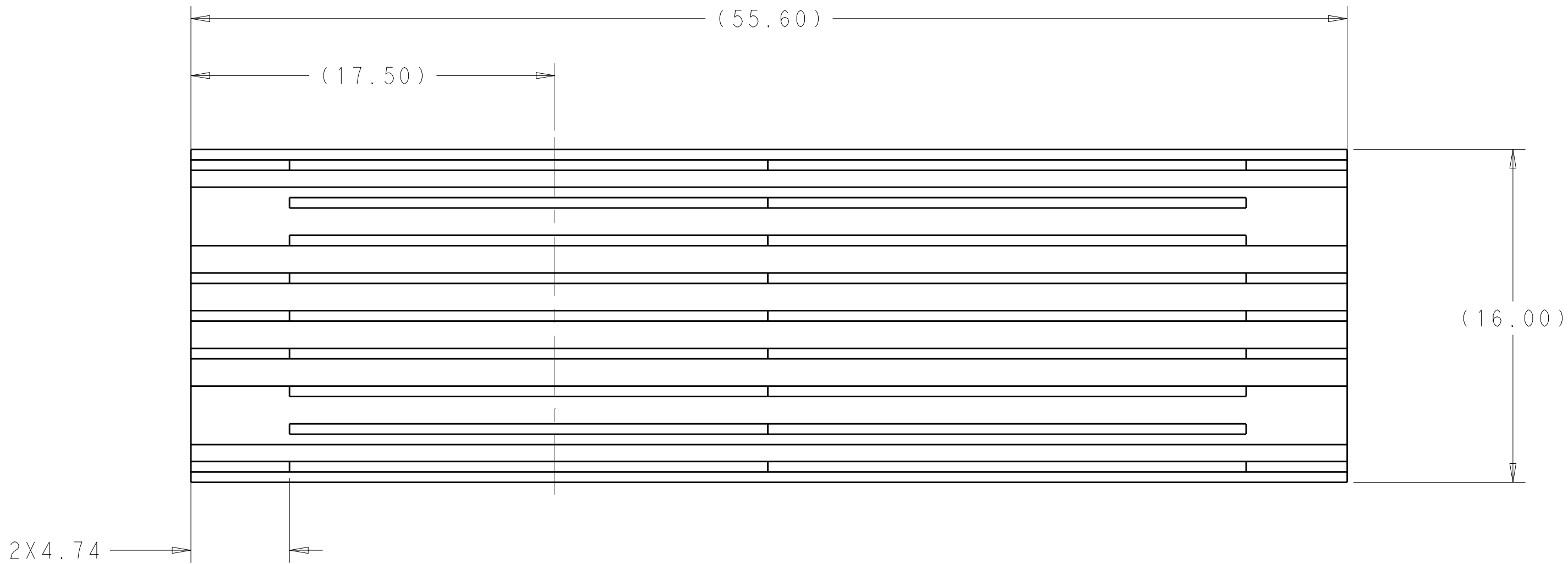
HEAT SINK
PN: 1-2304280-3

CAGE AND CONNECTOR ASSEMBLY
PN: 2299870-4

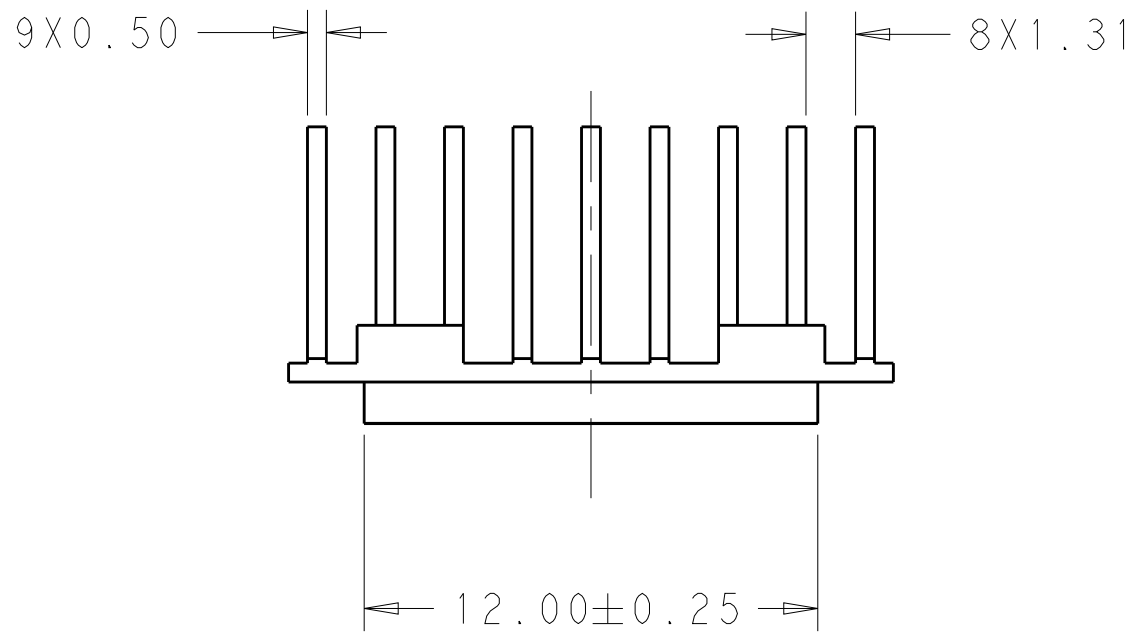
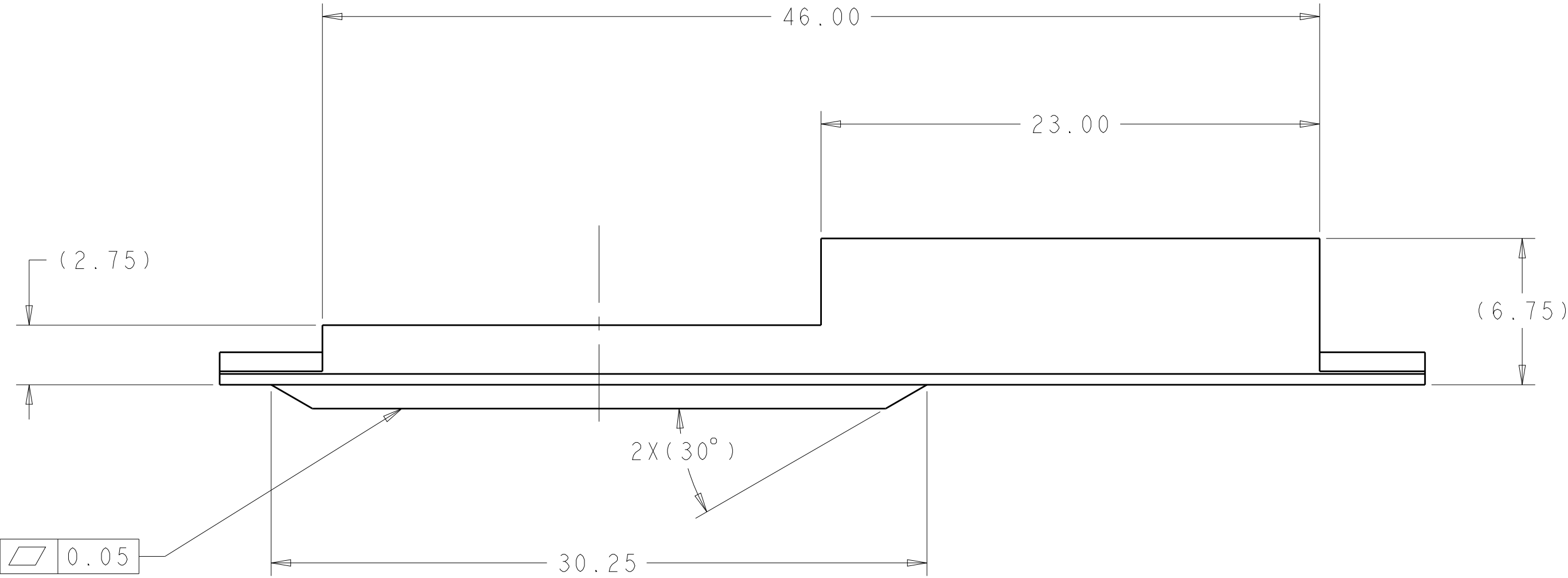
SCALE 4:1

2	1-2300832-7	HEAT SINK CLIP	3
2	1-2304280-3	HEAT SINK	2
1	2299870-4	CAGE AND CONNECTOR ASSEMBLY	1
2299870-3	PART NUMBER	DESCRIPTION	ITEM
THIS DRAWING IS A CONTROLLED DOCUMENT.			
DIMENSIONS:		OWN	
mm		TIM XUE 28JAN2016	
		CHK	
		SEAN HAN 28JAN2016	
		APVD	
		SEAN HAN 28JAN2016	
		NAME	
		CAGE AND CONNECTOR ASSEMBLY WITH	
		EMI SPRING FINGERS, THRU BEZEL,	
		2X2 ZQSFP+ STACKED WITH HS	
		SIZE	
		A100779	
		CAGE CODE	
		C=2299870	
		DRAWING NO	
		RESTRICTED TO	
		-	
		MATERIAL	
		SEE NOTE 1	
		SEE NOTE 2	
		CUSTOMER DRAWING	
		SCALE	
		4:1	
		SHEET	
		3	
		OF	
		8	
		REV	
		B	

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

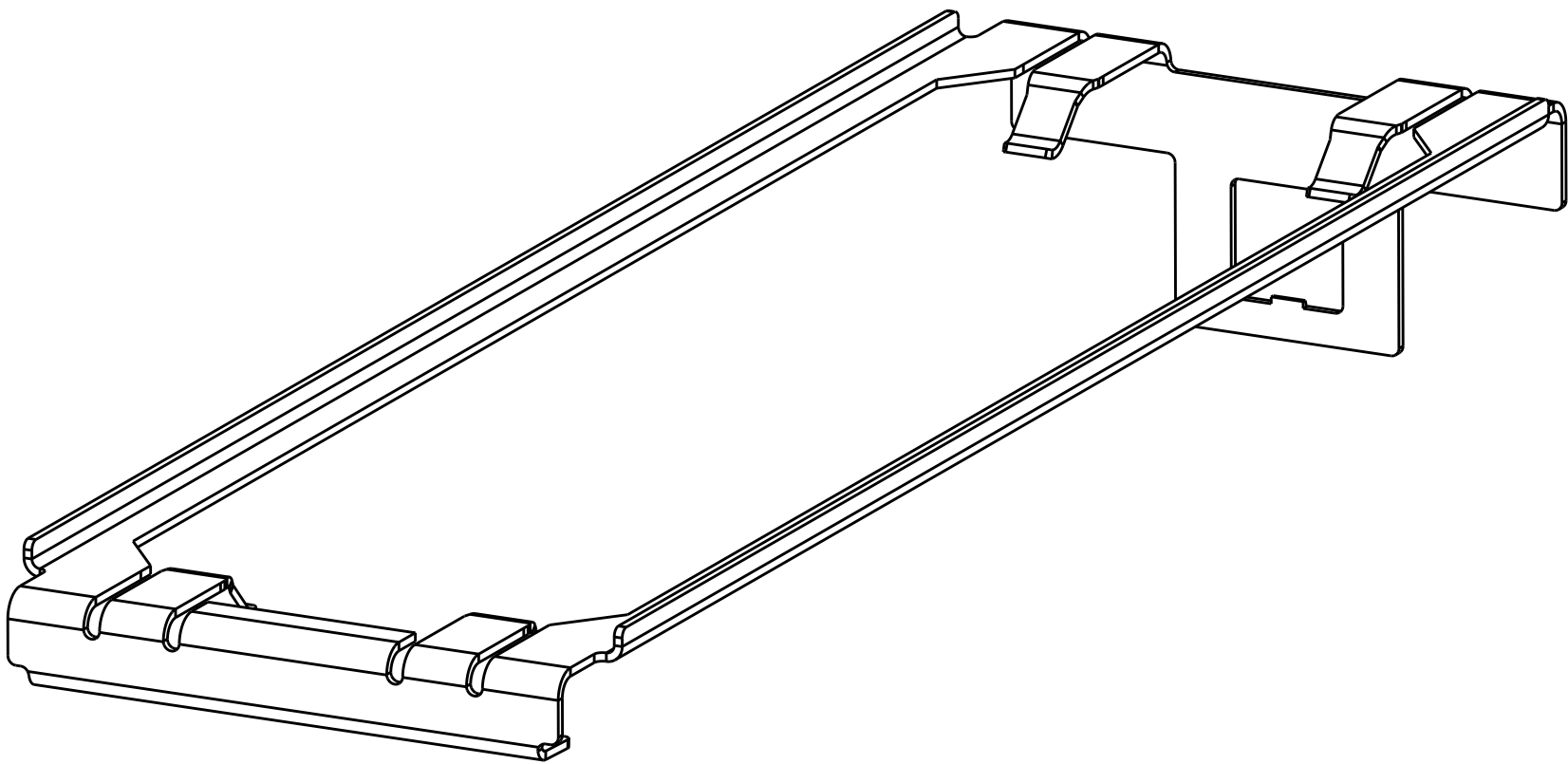
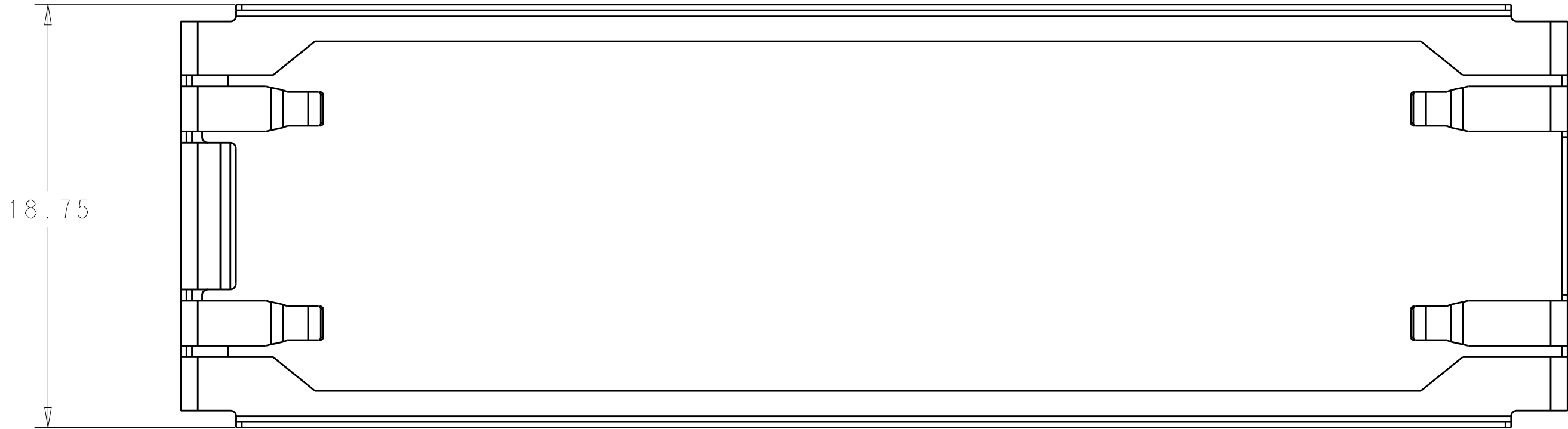


1-2304280-3 HEAT SINK SHOWN
SCALE 5:1

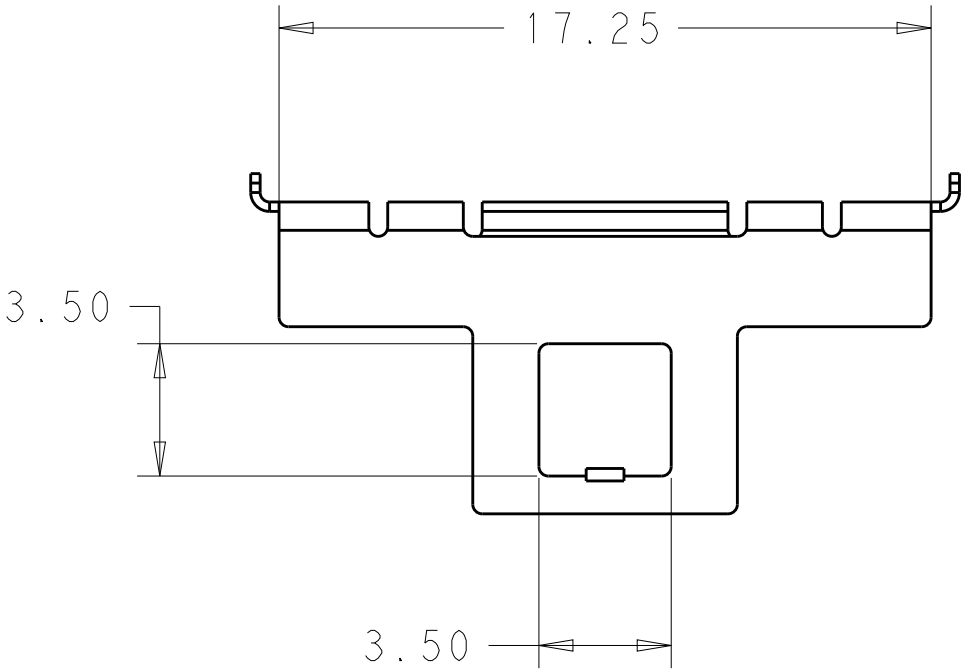
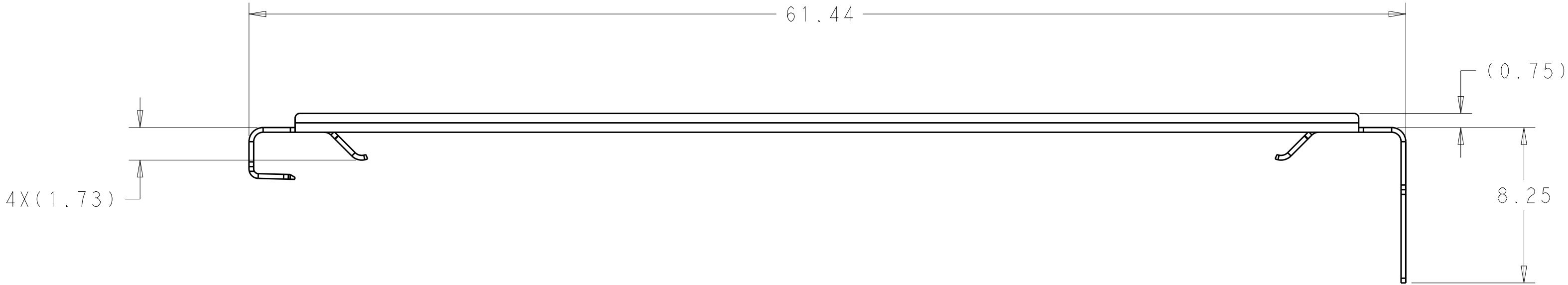


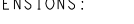
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	28JAN2016		 TE Connectivity					
				CHK	28JAN2016							
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	28JAN2016		NAME					
mm		0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15		PRODUCT SPEC		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZOSFP+ STACKED WITH HS						
		ANGLES		APPLICATION SPEC			RESTRICTED TO					
MATERIAL		FINISH		114-60015		SIZE		CAGE CODE	DRAWING NO			
SEE NOTE 1		SEE NOTE 2		WEIGHT		A1		00779	C=2299870	-		
CUSTOMER DRAWING						SCALE		4:1	SHEET	4 of 8	REV	B

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

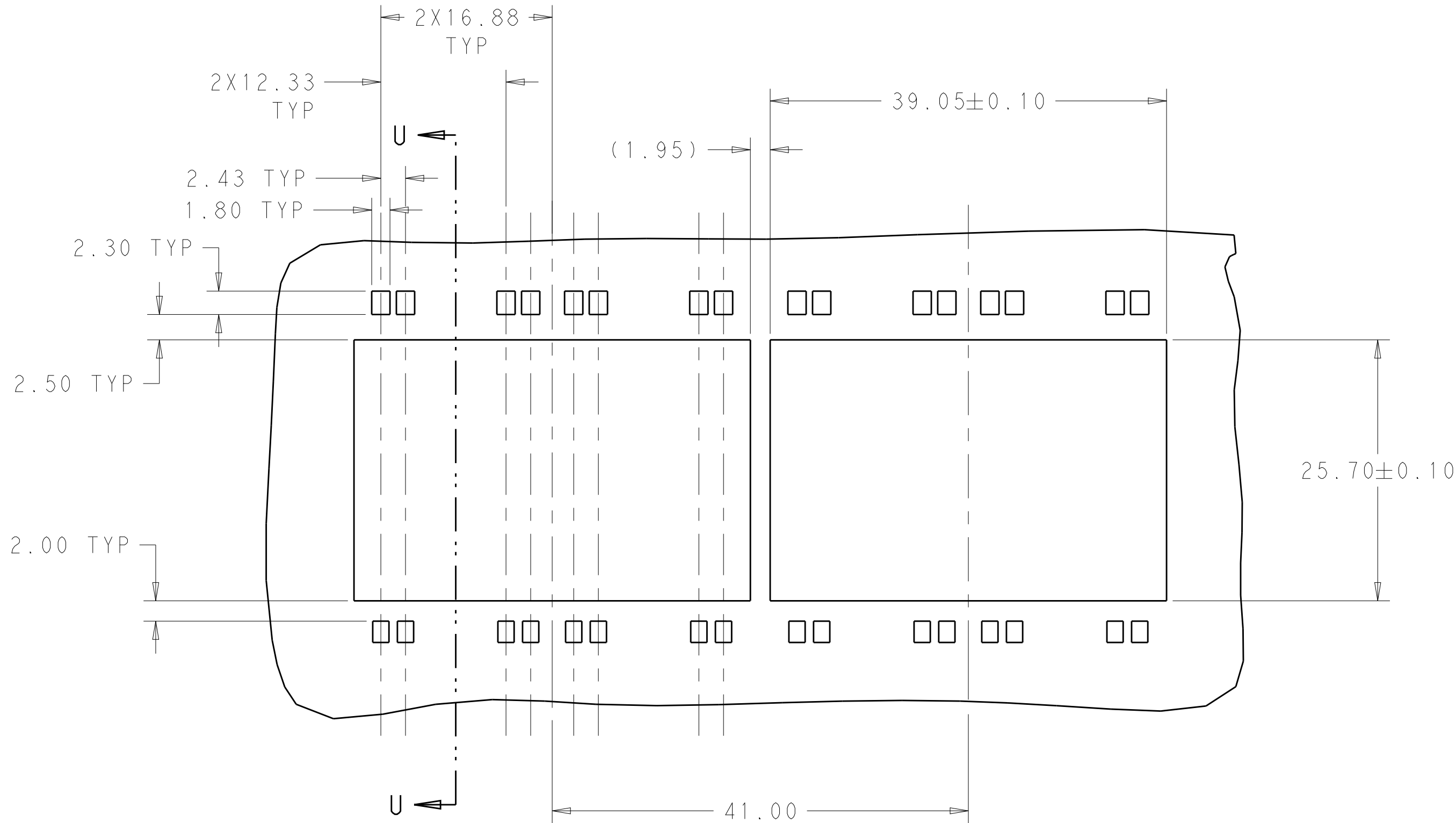


1-2300832-7, HEAT SINK CLIP
SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	28JAN2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN	28JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN	28JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	RESTRICTED TO -
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC 108-60102			
MATERIAL SEE NOTE 1	SEE NOTE 2	APPLICATION SPEC 114-60015		SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO 2299870		REV B	
		WEIGHT -		SCALE 4:1	SHEET 5 OF 8

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

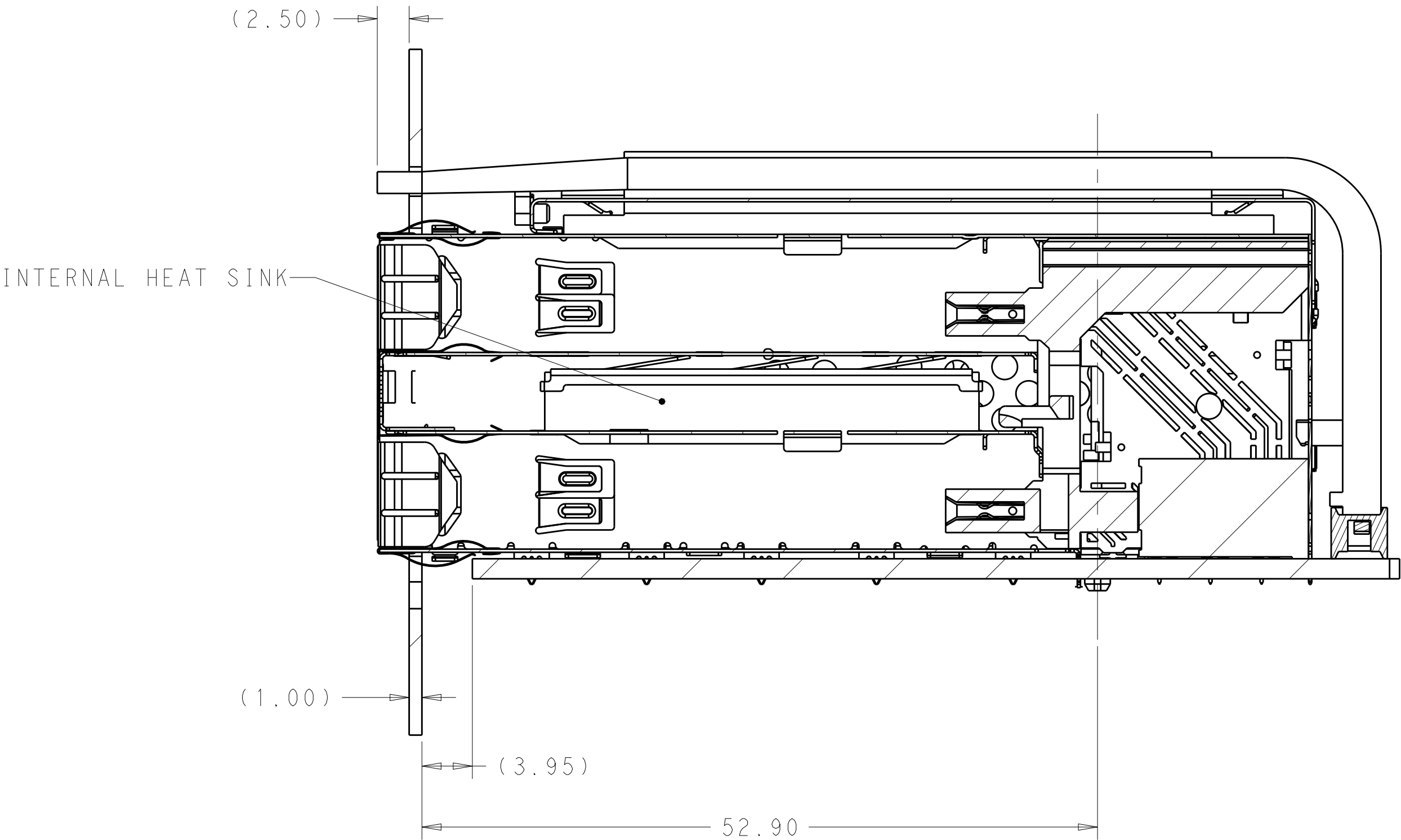


RECOMMENDED PANEL CUTOUT
AND PC BOARD PANEL POSITION
SCALE 5:2

0.10±0.10
BOTTOM OF CUTOUT
IN PANEL TO TOP
OF PC BOARD

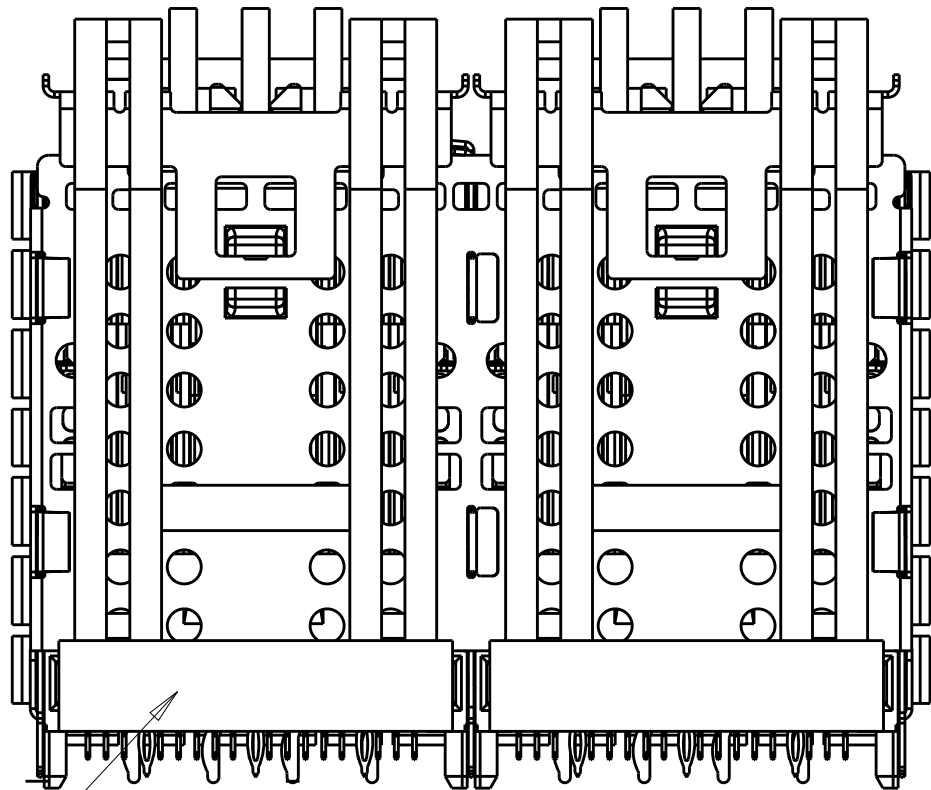
3.95±0.13
DISTANCE BETWEEN BACK
OF PANEL AND FRONT OF
PC BOARD

SECTION U-U

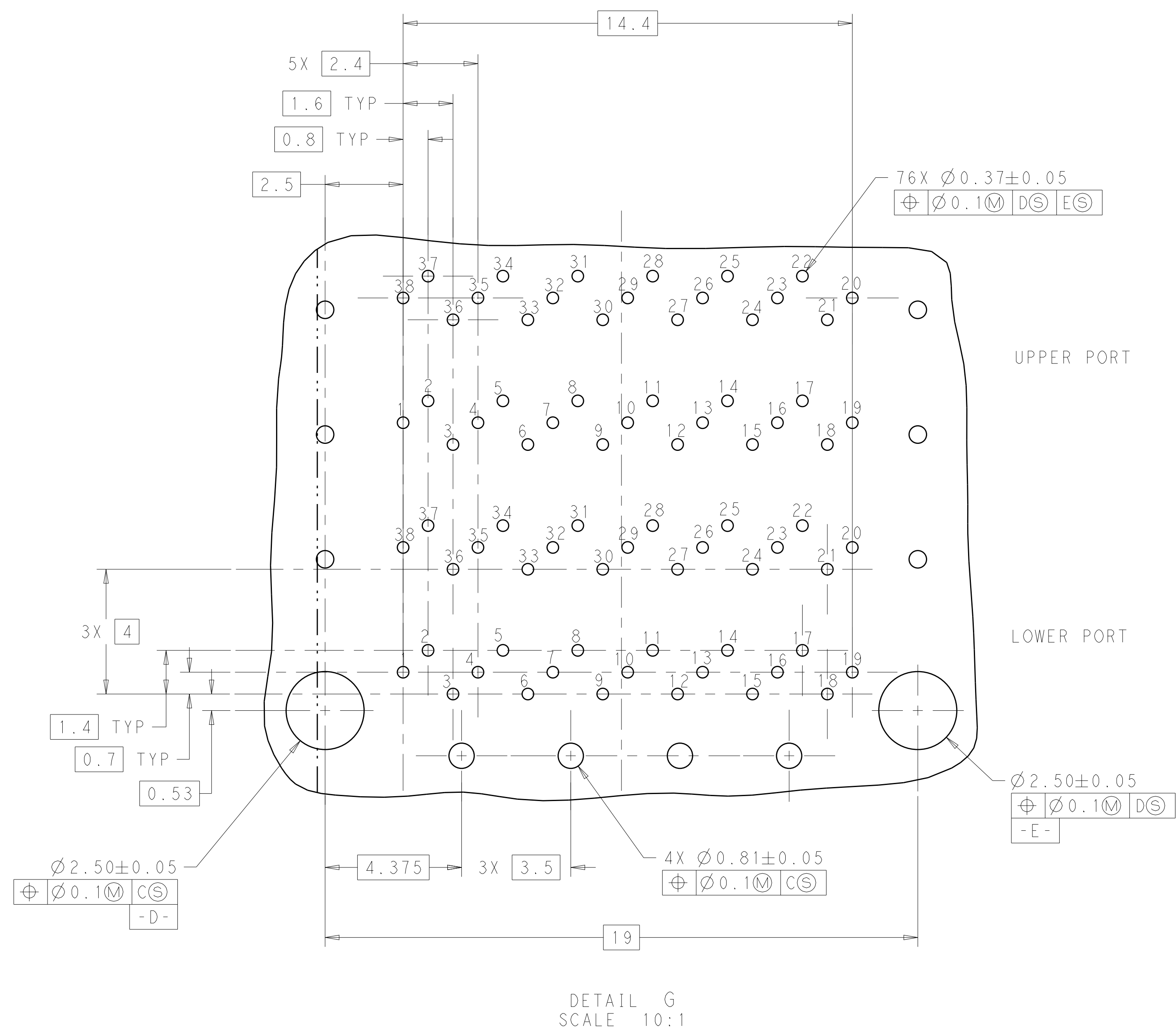


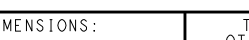
2299870-1 BEZEL LOCATION AS SHOWN
SECTION V-V
SCALE 3:1

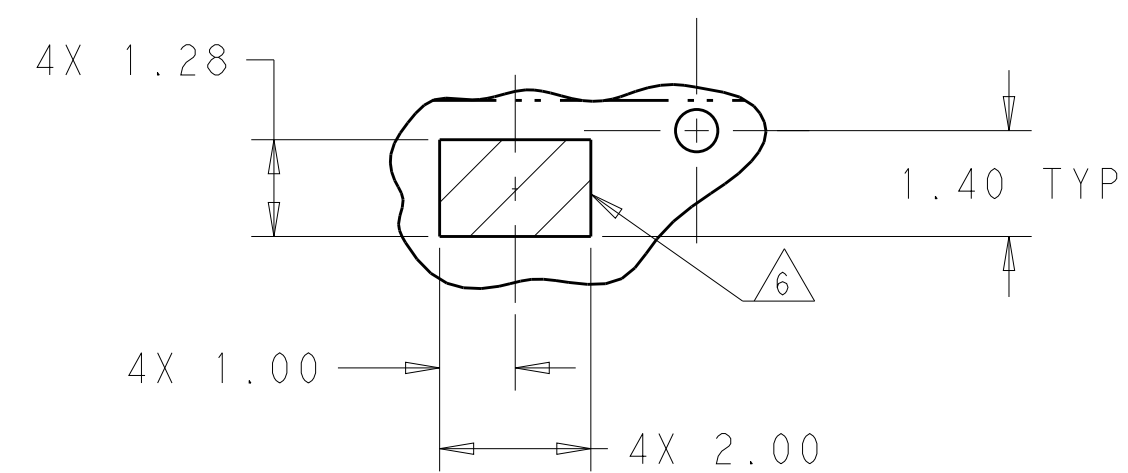
ORGNIZER



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	28JAN2016	 TE Connectivity	
		CHK SEAN HAN	28JAN2016		
DIMENSIONS:		APVD SEAN HAN	28JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: 28JAN2016 TIM XUE CHK: 28JAN2016 SEAN HAN APP'D: 28JAN2016		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLG ±.1 1 PLG ±.25 2 PLG ±.15 3 PLG ±.1 4 PLG ±.1 ANGLE 45°		NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
MATERIAL: SEE NOTE 1		FINISH: SEE NOTE 2		SIZE: CAGE CODE: DRAWING NO: A100779 © 2299870	
		WEIGHT: -		RESTRICTED TO: -	
		CUSTOMER DRAWING		SCALE: 4:1 SHEET 7 OF 8 REV B	



Technical drawing of a mechanical part. The part has an irregular outer shape and two rectangular features with diagonal hatching. Dimensions are indicated with arrows and text:

- Horizontal distance between the centerlines of the two rectangular features: 2.43 TYP.
- Vertical distance between the centerlines of the two rectangular features: 3.40 TYP.
- Horizontal distance from the right edge of the part to the centerline of the right rectangular feature: 1.60 TYP.
- A surface texture symbol (a triangle with the number 8 inside) is located on the left side of the part, with a leader line pointing to the lower-left corner of the left rectangular feature.

Technical drawing of a mechanical part. The drawing shows a cross-section of a part with a central circular feature. The part has a rectangular section with diagonal hatching. Dimensions are indicated: 4X 1.00 for the width of the rectangular section and 4X 2.00 for the height of the rectangular section. The drawing includes a center line and a section line.

Technical drawing of a mechanical part. The drawing shows a central rectangular feature with diagonal hatching, surrounded by an irregular, cloud-like boundary. Dimensions are indicated with arrows and text:

- Horizontal dimensions: $2X \ 0.88$ (left side), $2X \ 1.75$ (top right side).
- Vertical dimensions: $2X \ 4.00$ (right side, total height), $2X \ 2.00$ (bottom right side, height of the hatched area).
- A surface texture symbol (a triangle with the number 6) points to the left side of the hatched area.

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and tolerances. The part is symmetrical about a vertical centerline.

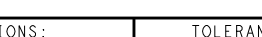
Dimensions and Tolerances:

- Top horizontal dimension: 0.30 TYP (Typical)
- Vertical dimension from top center to the center of the circular hole: 3.00
- Vertical dimension from the center of the circular hole to the center of the rectangular hole: 1.50 TYP
- Vertical dimension from the top of the rectangular hole to the bottom of the part: 4.00
- Vertical dimension from the bottom of the rectangular hole to the bottom of the part: 2.00
- Horizontal dimension from the centerline to the right edge of the rectangular hole: 1.75

Surface Finish:

- Surface 6: Indicated by a triangle with the number 6, pointing to the top surface of the circular hole.
- Surface 6: Indicated by a triangle with the number 6, pointing to the right side of the rectangular hole.

KEEPOUT AREAS
COMPONENT SIDE OF BOARD
(PCB TOLERANCE ± 0.05)
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: 28JAN2016 LIM XUE CHK: 28JAN2016 SEAN HAN APPD: 28JAN2016		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLIC ±.1 2 PLIC ±.25 2 PLIC ±.15 2 PLIC ±.1 2 PLIC ±.1 2 PLIC ±.1 ANGLE: 45°		NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	
MATERIAL: SEE NOTE 1		FINISH: SEE NOTE 2		SIZE: CAGE CODE: DRAWING NO: A100779 C=2299870	
CUSTOMER DRAWING		WEIGHT: -		SCALE: 4:1 SHEET 8 OF 8 REV B	