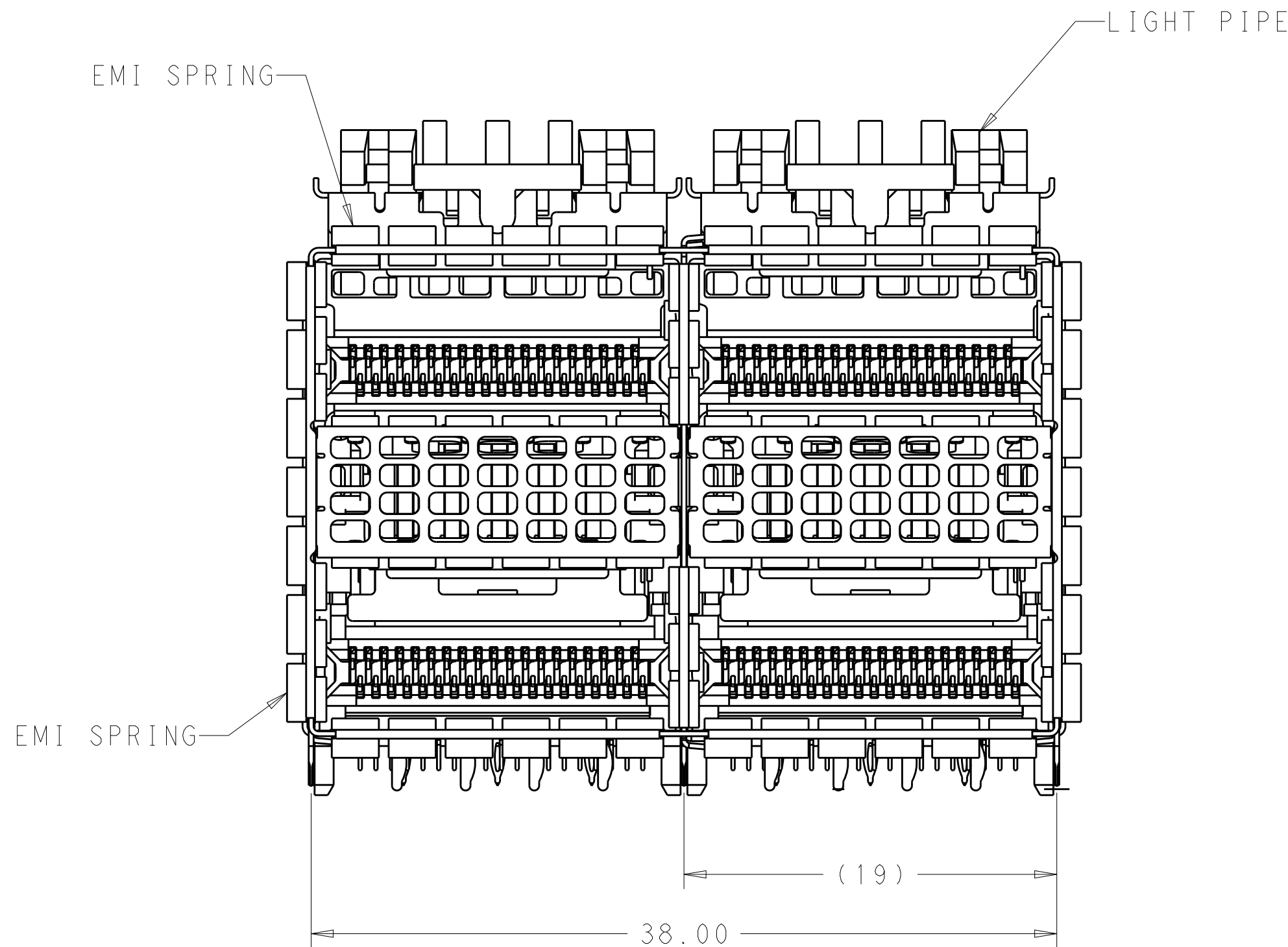
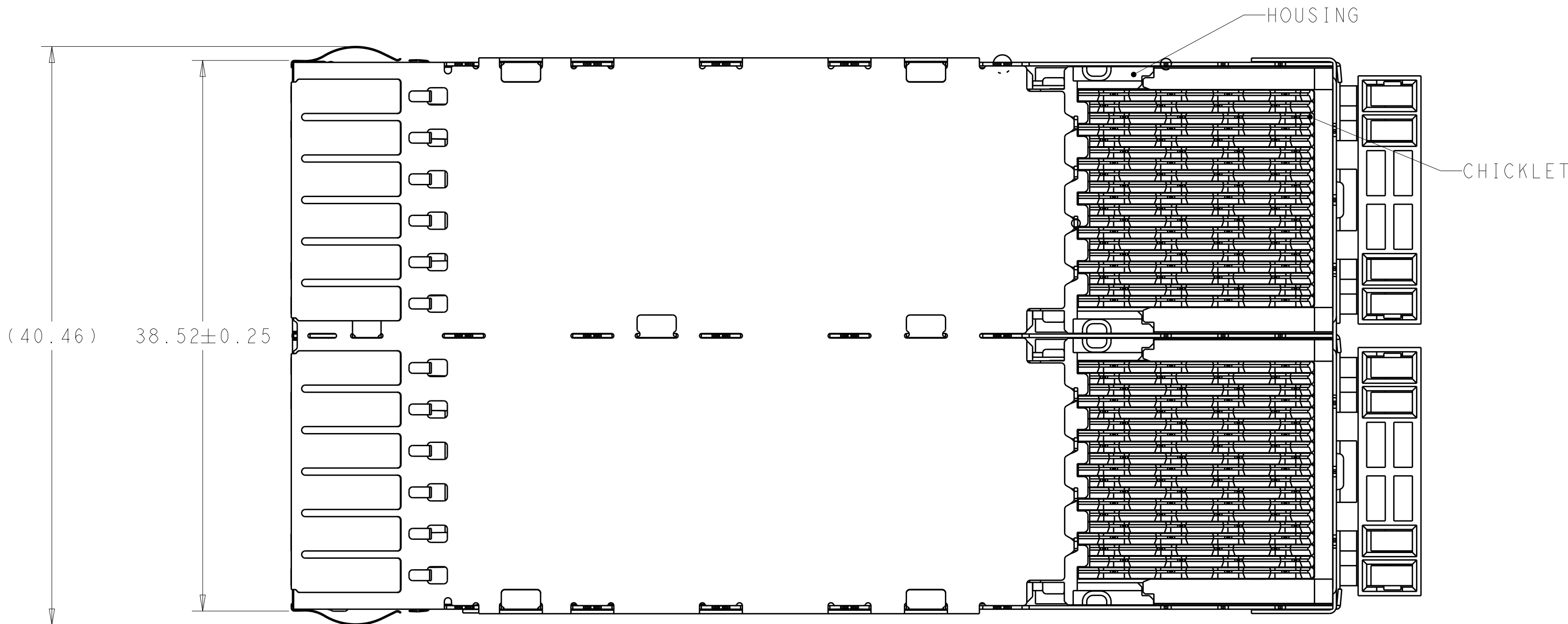
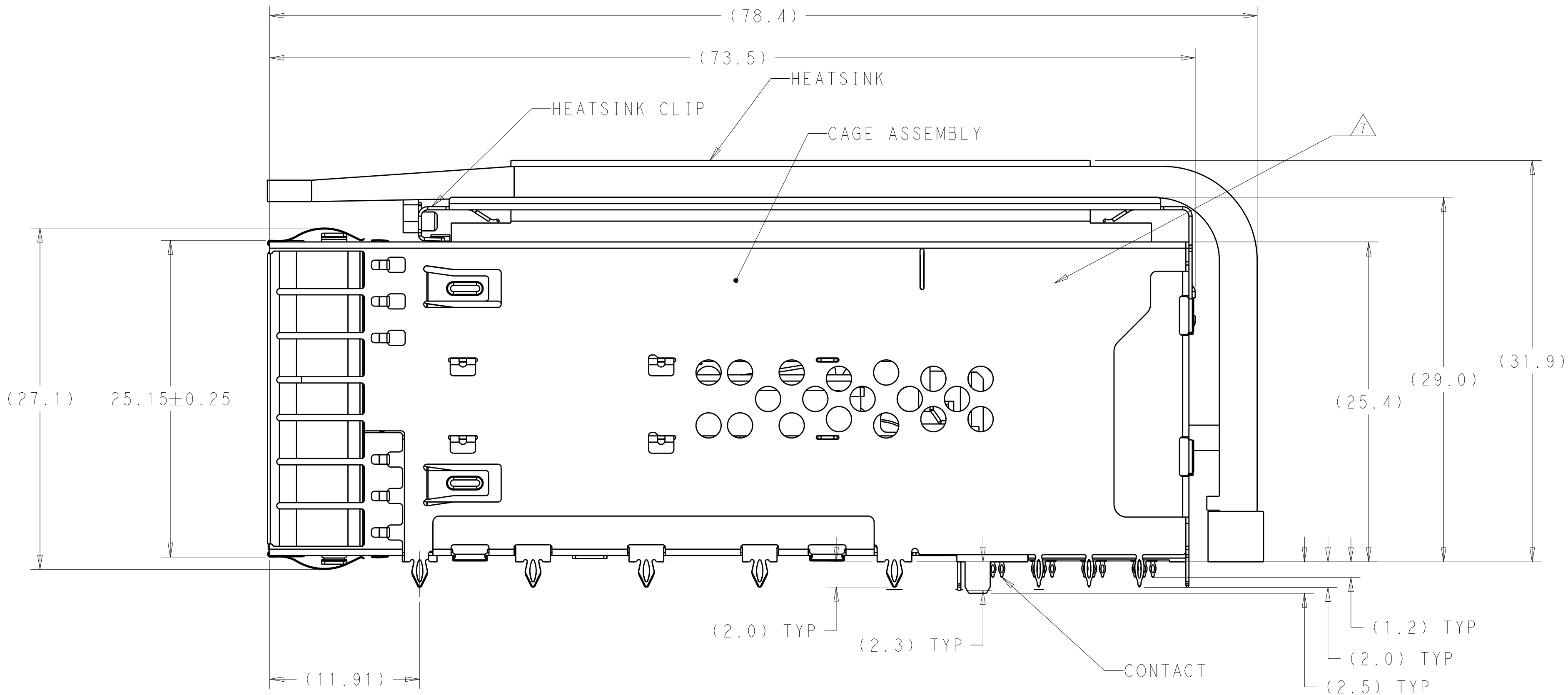


LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					A	INITIAL RELEASE	13MAR2017	LL	SH	
					B	REVISED PER ECO-17-012744	31AUG2017	TX	SH	



2299870-1

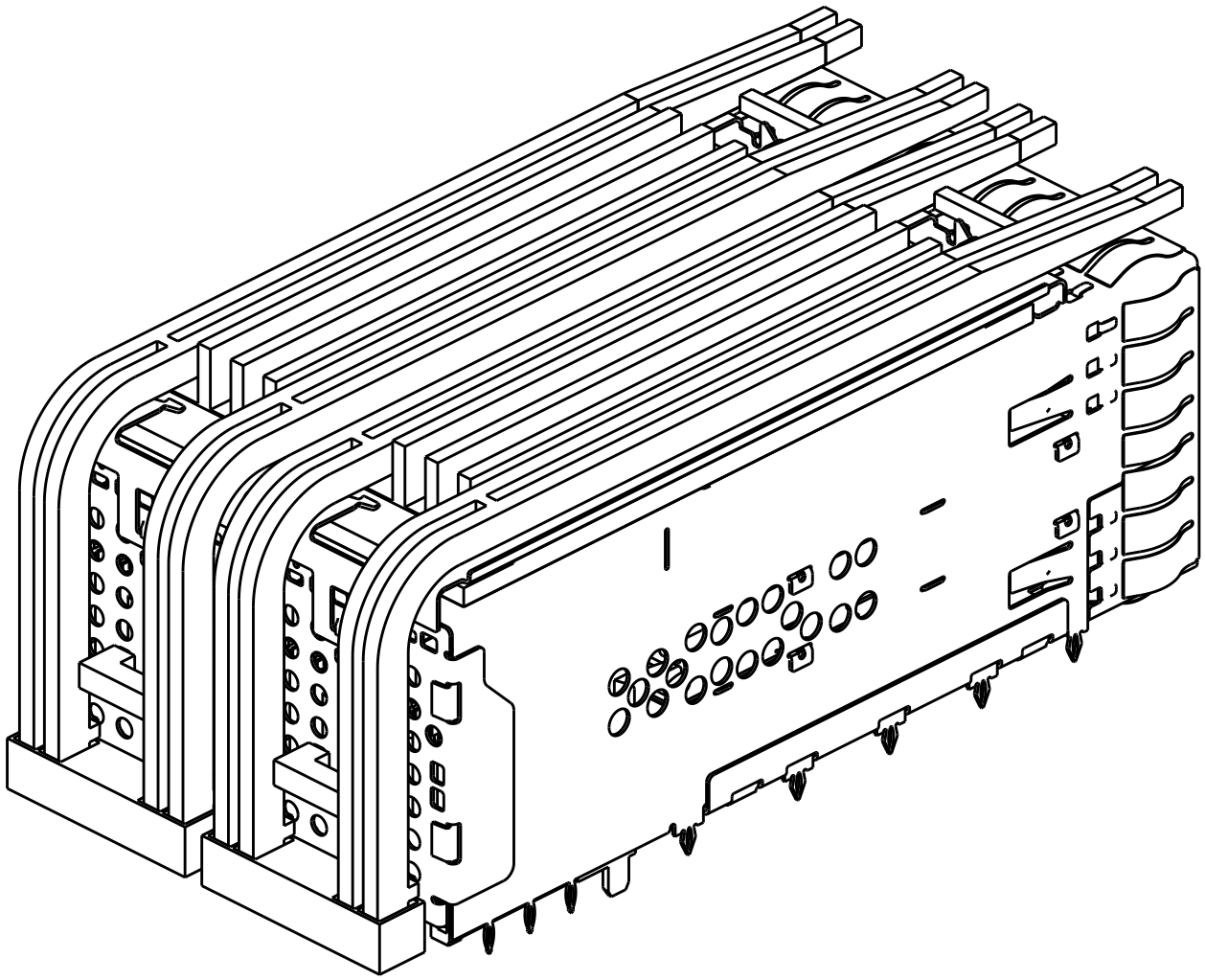
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN 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.



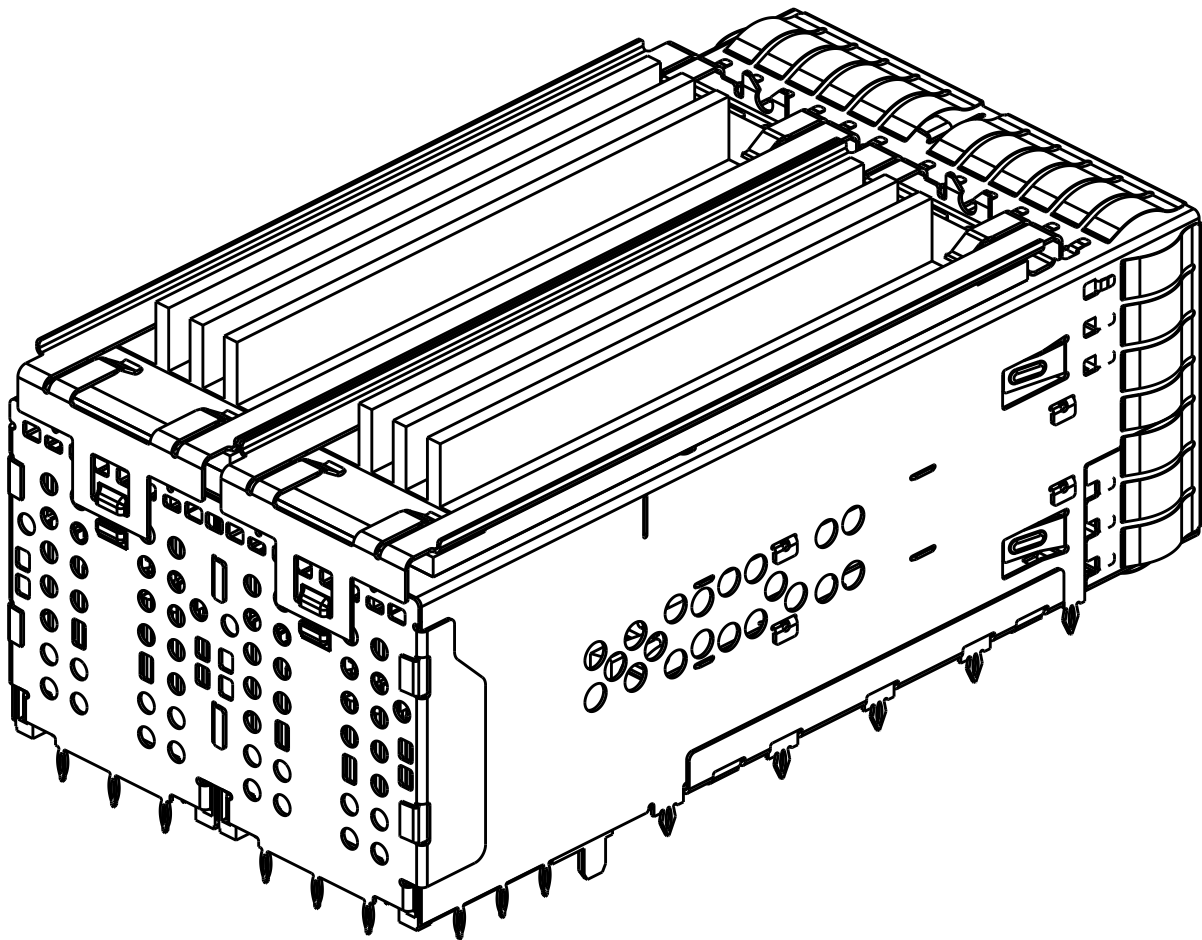
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1
CONTACT FINISH		PART NUMBER
DESCRIPTION		

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

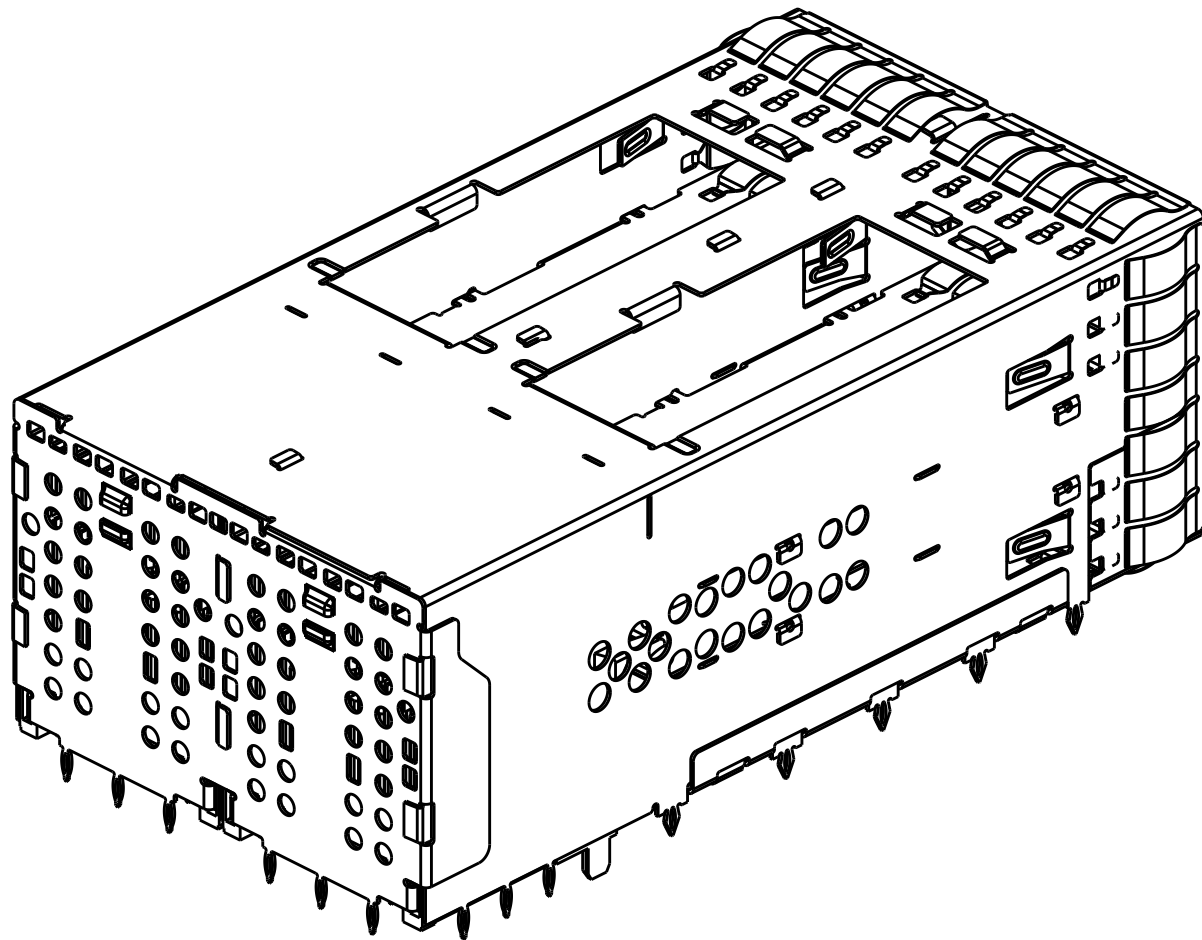
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



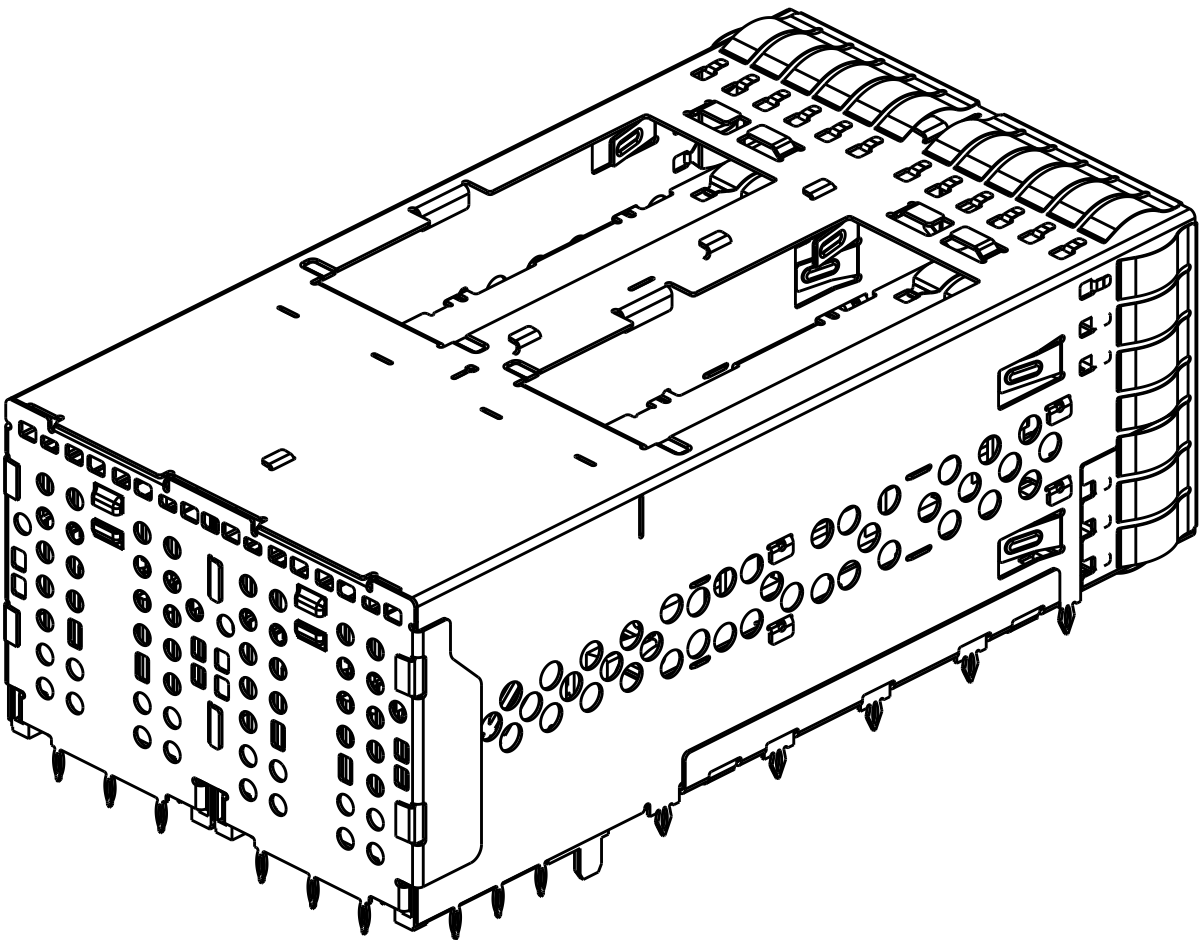
2299870-1 AS SHOWN
SCALE 2:1



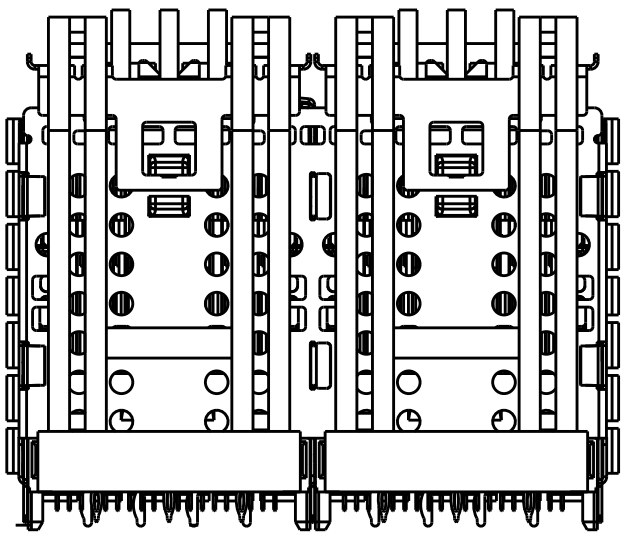
2299870-2 AS SHOWN
SAME AS 2299870-1 EXCEPT
W/O LEGHT PIPE AND ORGANIZER
SCALE 2:1



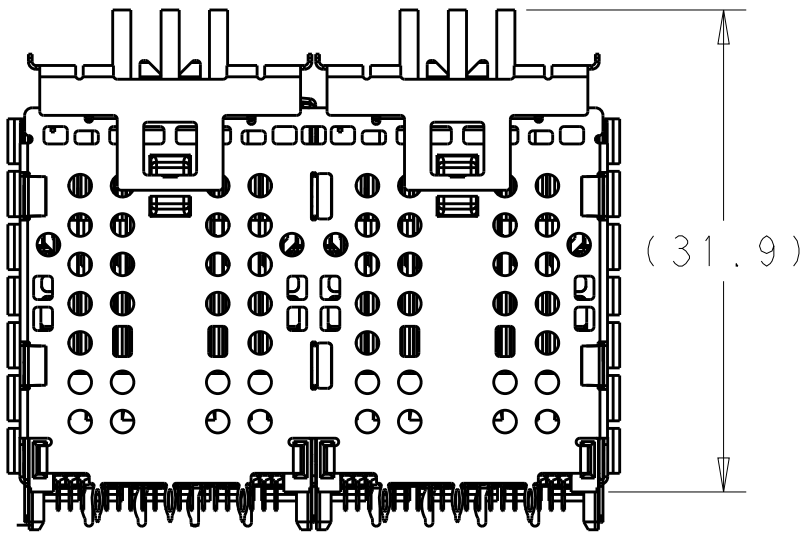
2299870-4 AS SHOWN
SAME AS 2299870-2 EXCEPT
W/O EXTERNAL HEAT SINK AND LP
SCALE 2:1



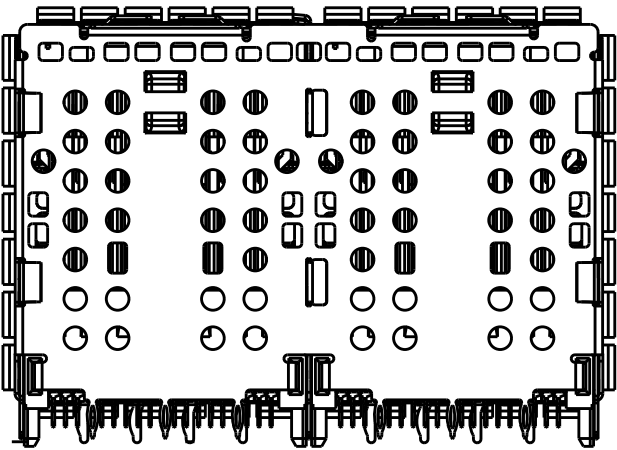
2299870-5
SCALE 2:1



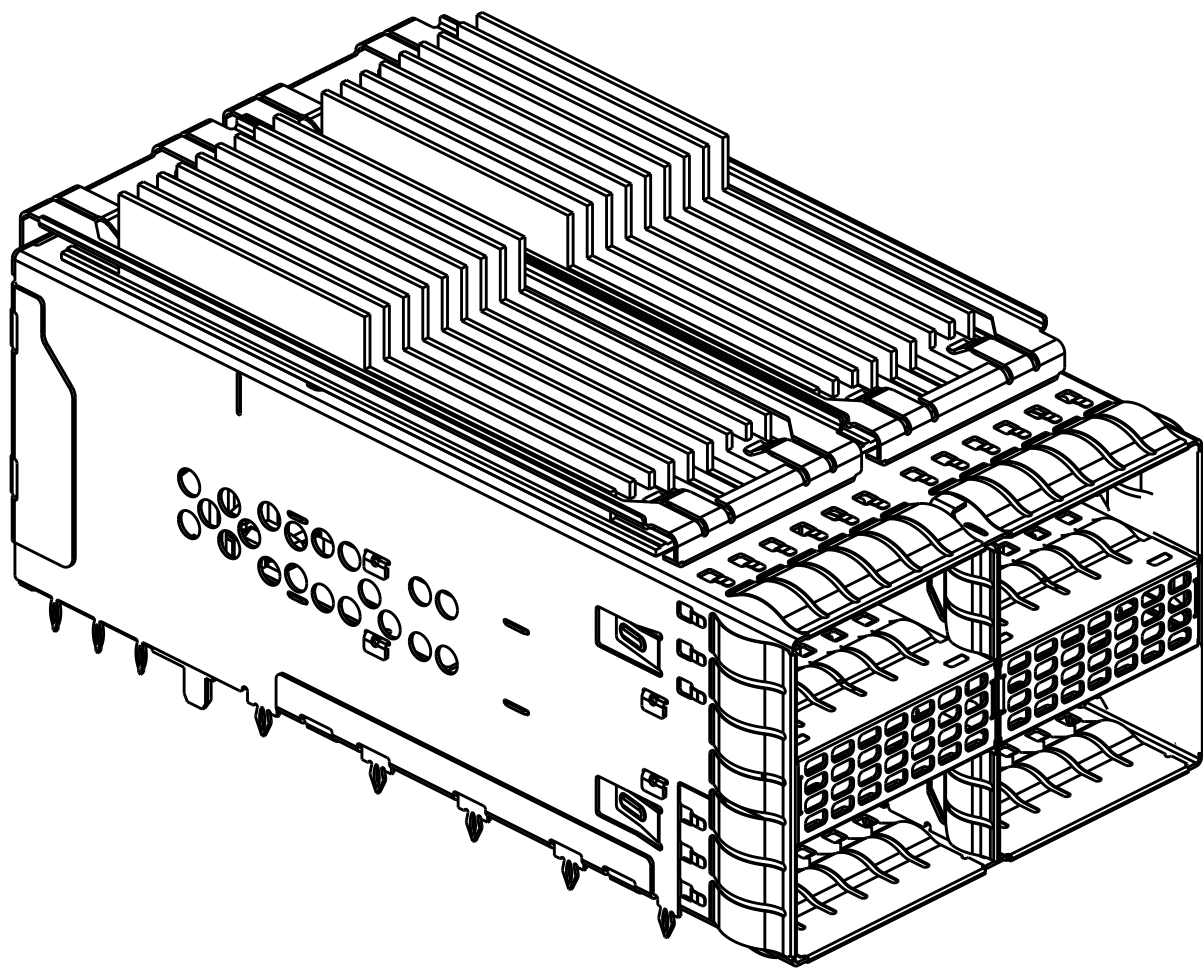
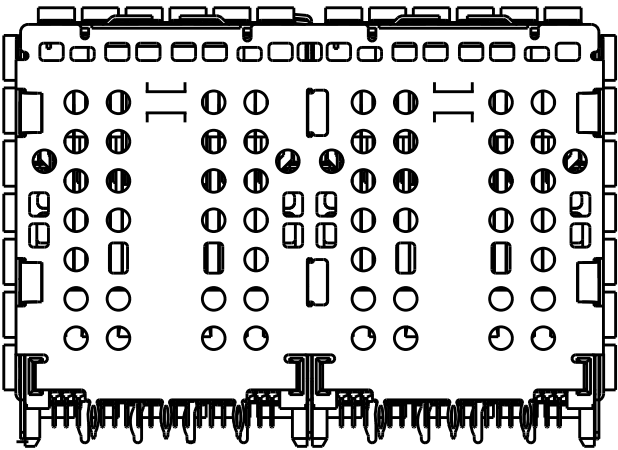
2299870-1
SCALE 2:1



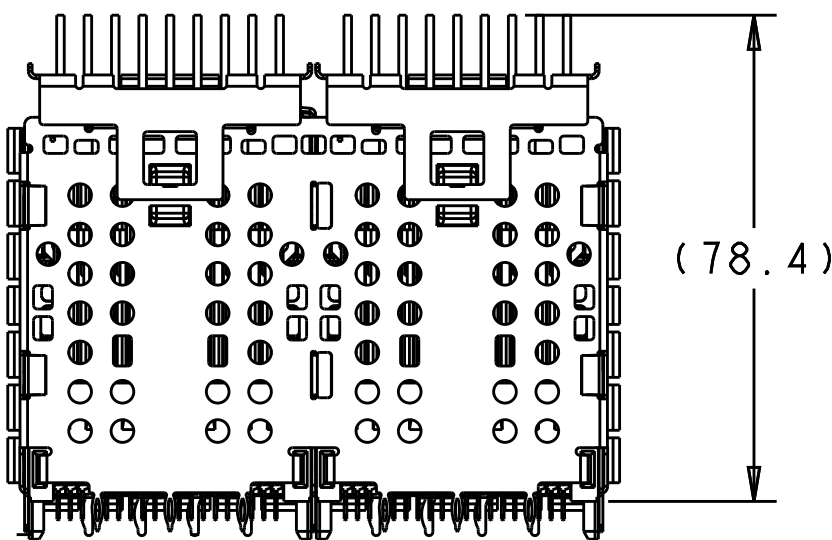
2299870-2
SCALE 2:1



2299870-4
SCALE 2:1



2299870-6
SCALE 2:1

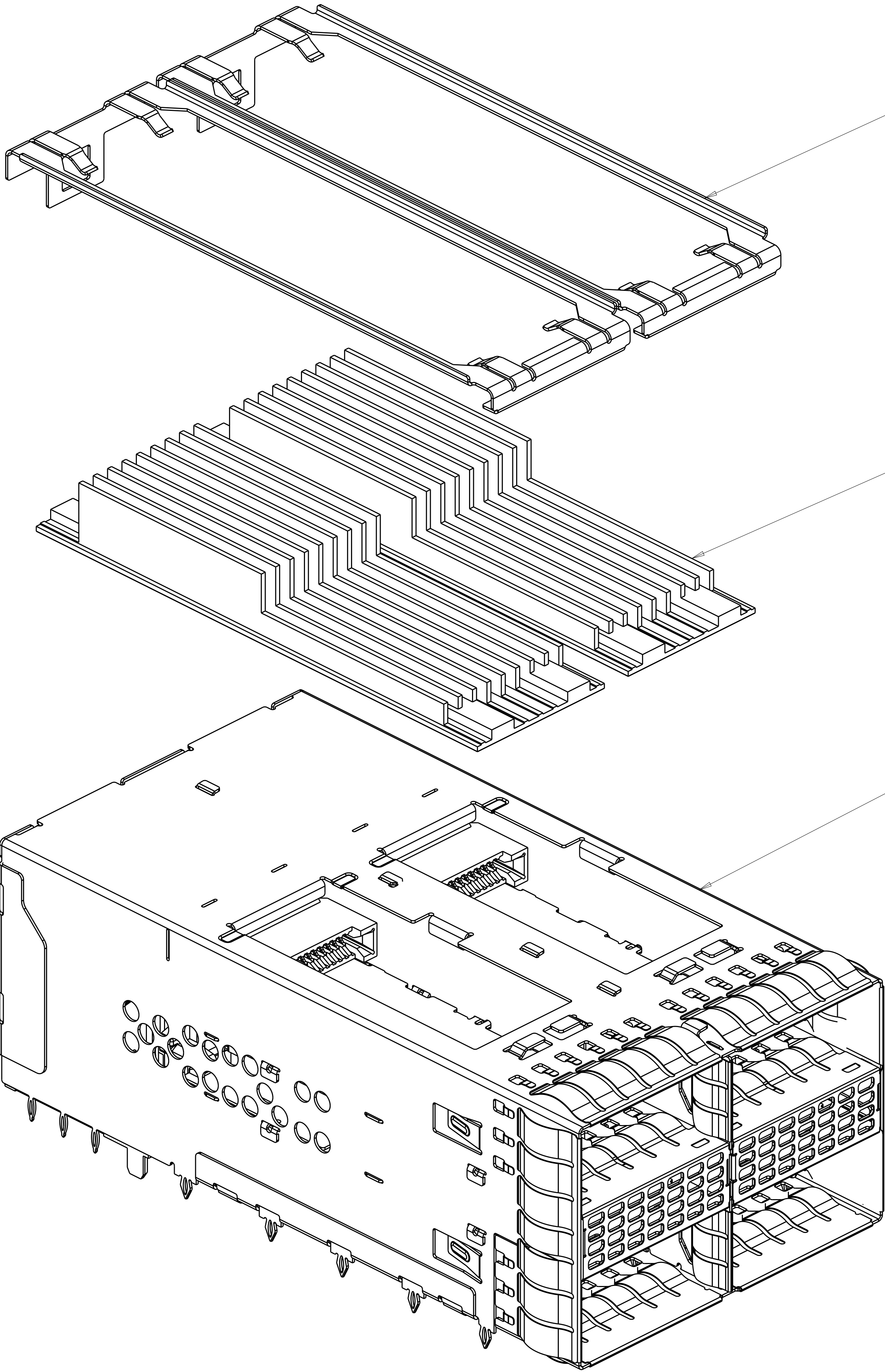


2299870-6
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.					OWN TIM XUE 28JAN2016		 TE Connectivity				
					CHK SEAN HAN 28JAN2016						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: SEAN HAN 28JAN2016					NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS			
		P LCC ±.025					PRODUCT SPEC	108-60102			
		2 P LCC ±.025									
		4 P LCC ±.025					APPLICATION SPEC	114-60015			
		4 P LCC ±.025									
MATERIAL		ANGLES ±.025					SIZE	CAGE CODE DRAWING NO			
		FINISH									
SEE NOTE 1		SEE NOTE 2					WEIGHT	A100779C=2299870			
		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

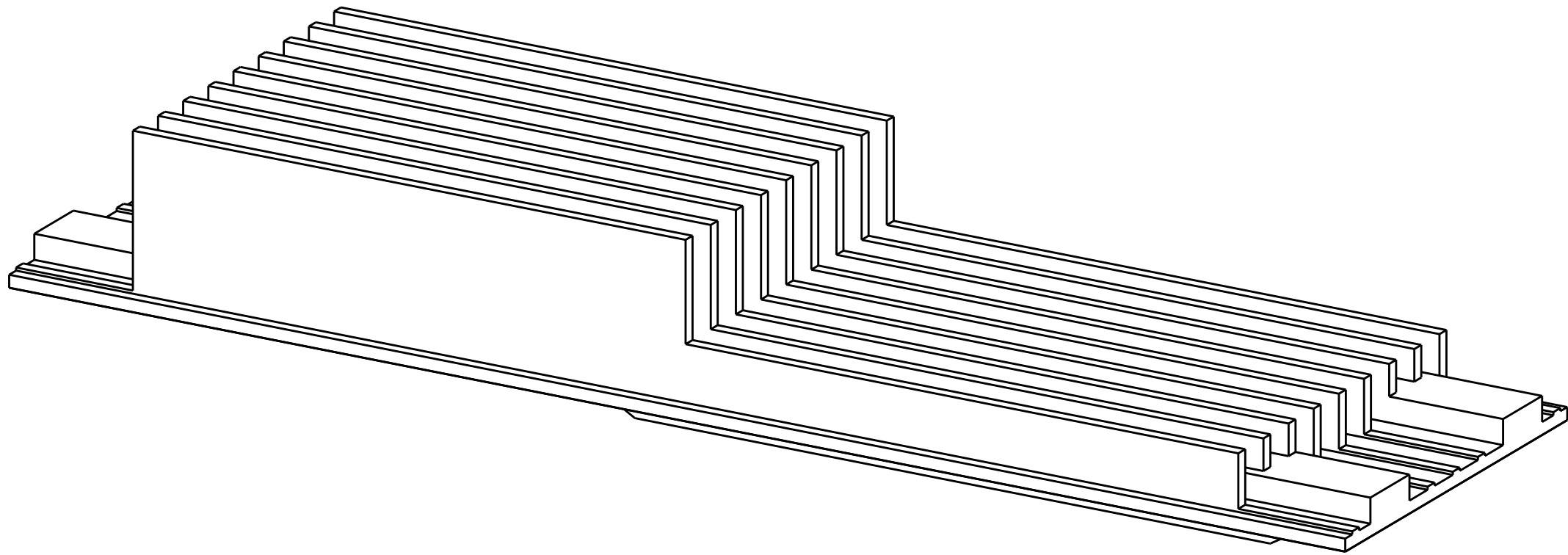
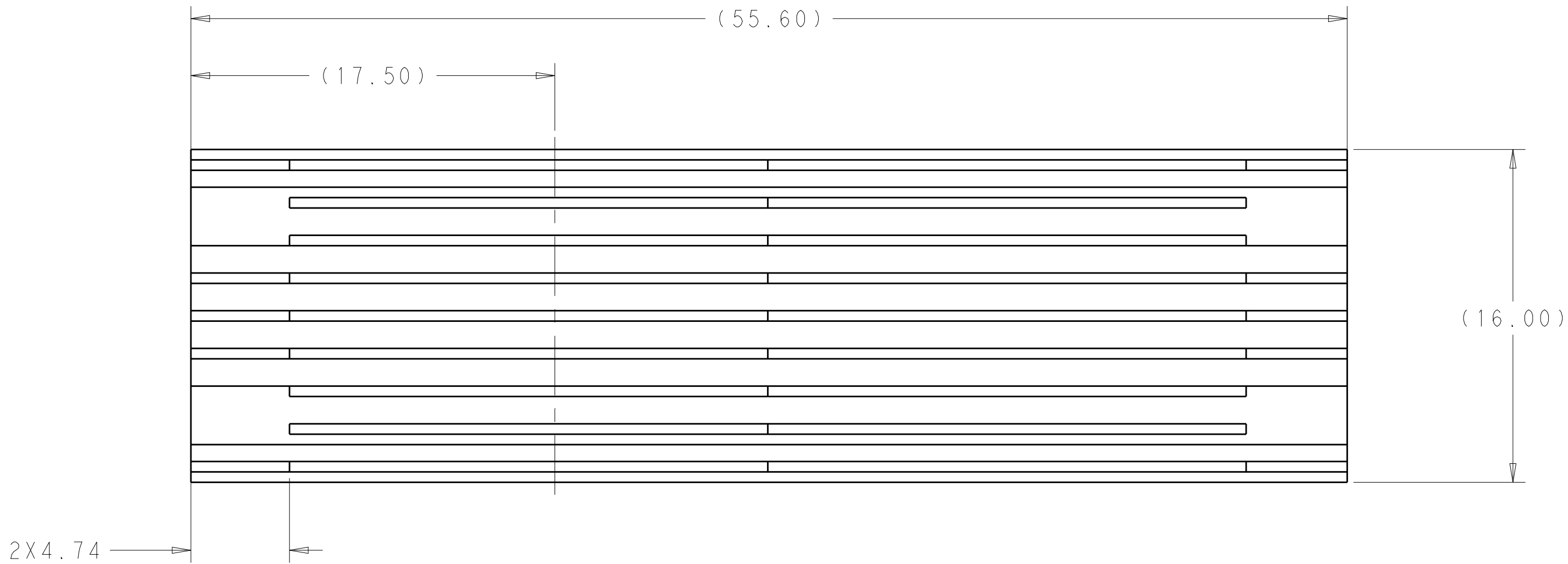
HEAT SINK
PN: 1-2304280-3

CAGE AND CONNECTOR ASSEMBLY
PN: 2299870-4

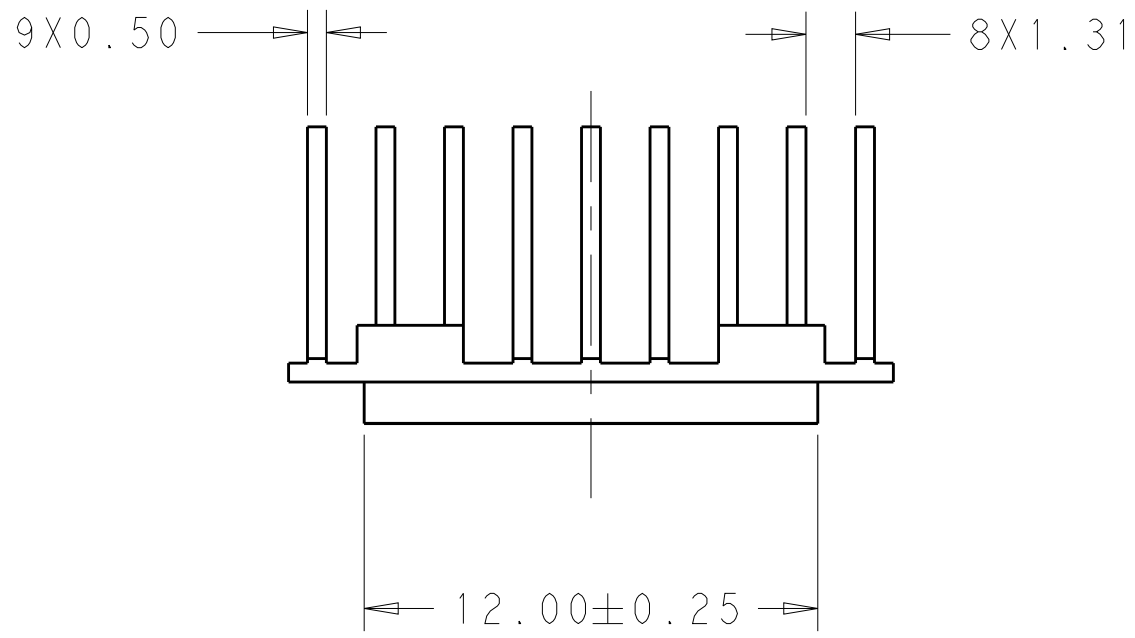
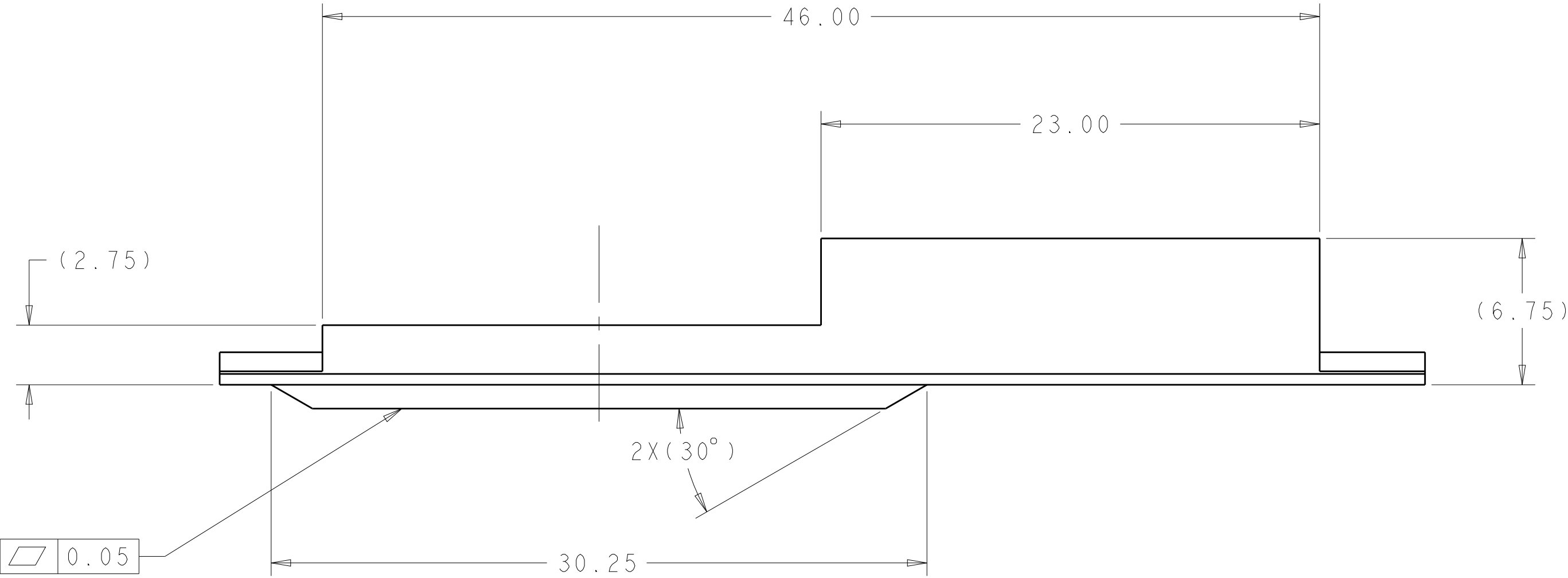
SCALE 4:1

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	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC ±	
		1 PLC ±0.25	
		2 PLC ±0.15	
		3 PLC ±	
		4 PLC ±	
		ANGLES	
		114-60015	
		FINISH	
		SEE NOTE 2	
		WEIGHT	
		-	
		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	-	-	-		

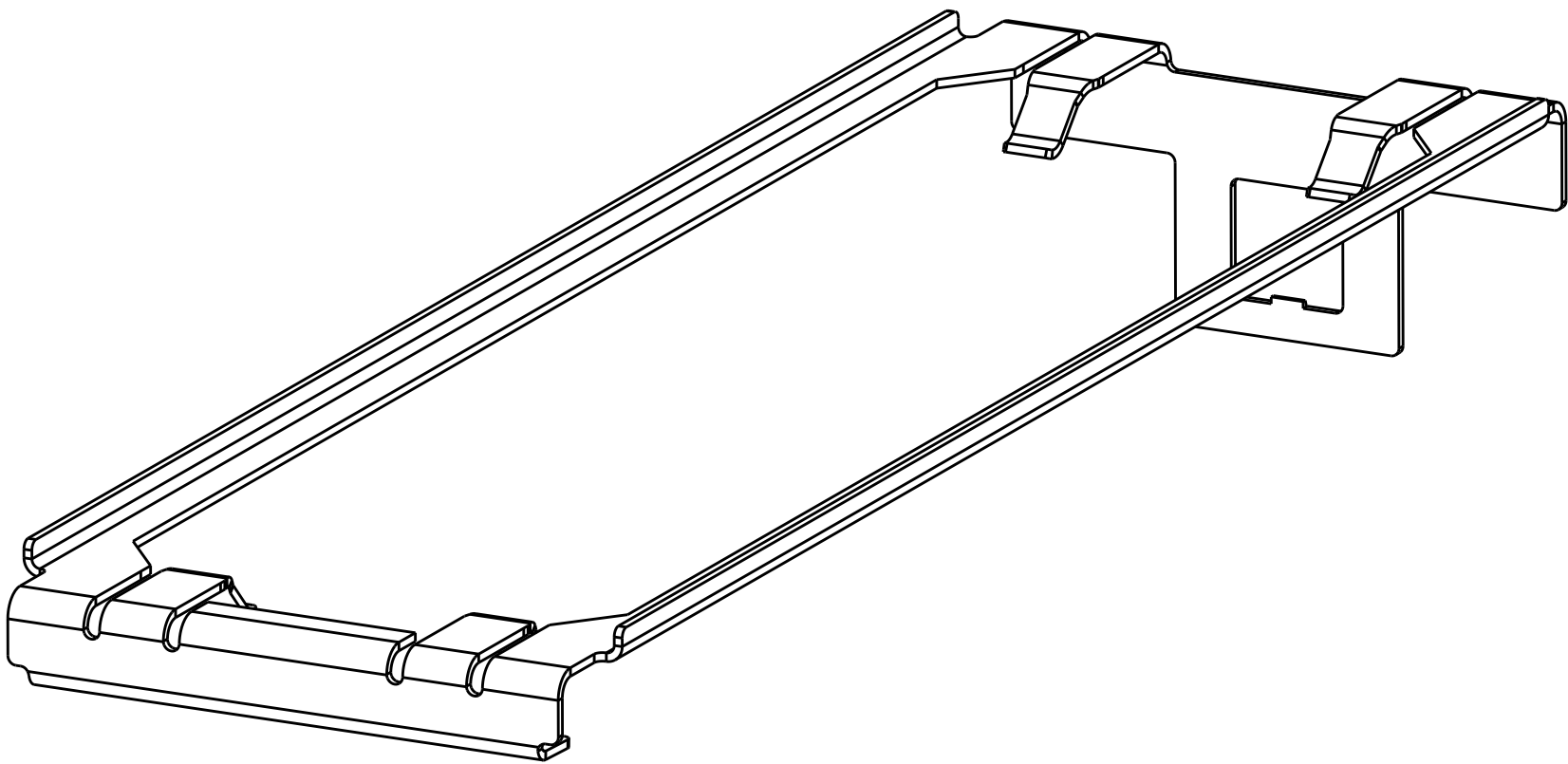
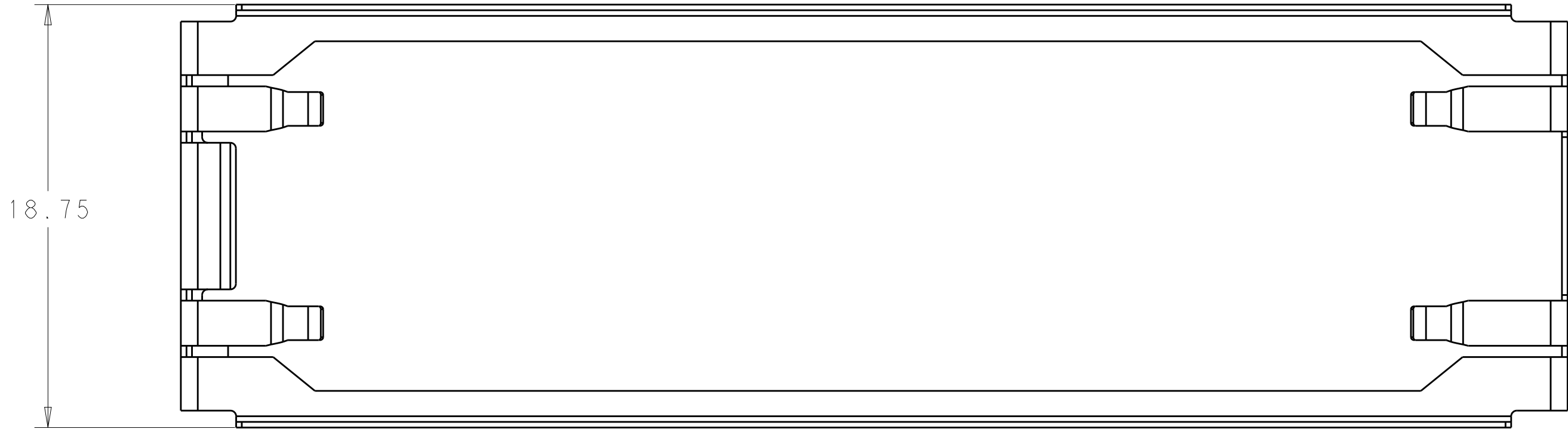


1-2304280-3 HEAT SINK SHOWN
SCALE 5:1

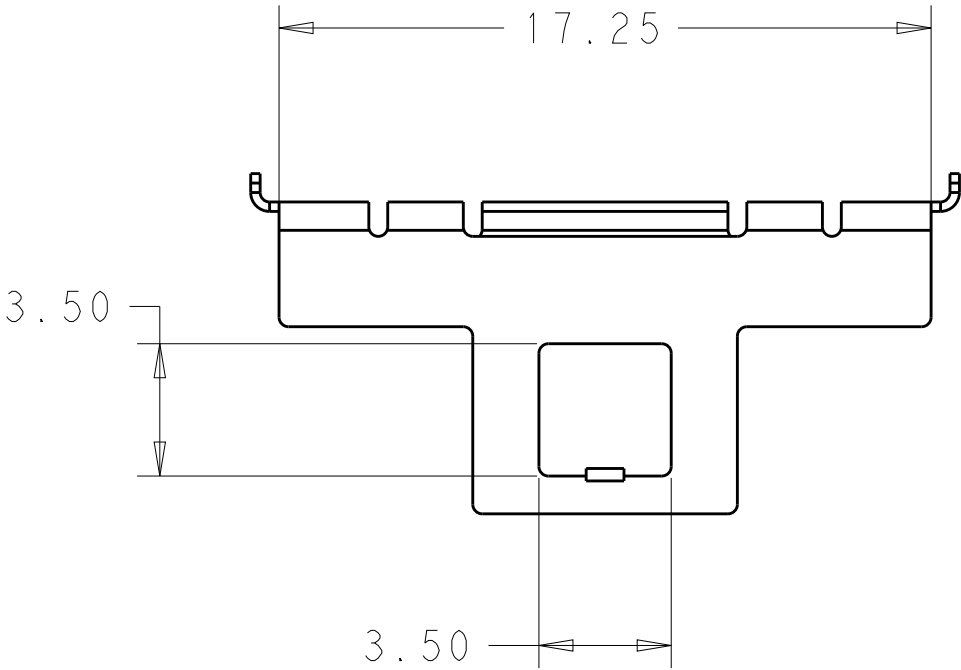
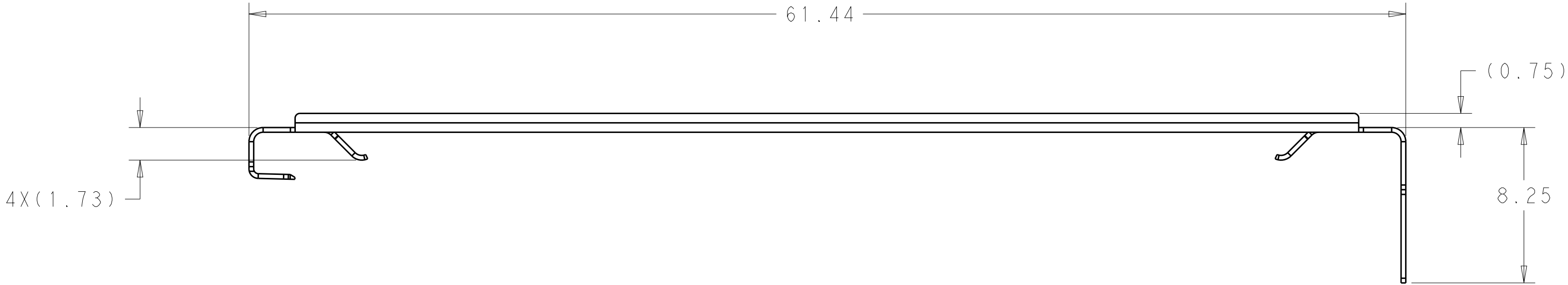


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		28JAN2016		 TE Connectivity								
				CHK	SEAN HAN		28JAN2016										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN		28JAN2016		NAME		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS						
mm		0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15		PRODUCT SPEC													
		ANGLES FINISH		APPLICATION SPEC													
MATERIAL				114-60015				SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
SEE NOTE 1		SEE NOTE 2		WEIGHT				A1		100779		C=2299870		-			
CUSTOMER DRAWING								SCALE		4:1		SHEET		4 OF 8		REV B	

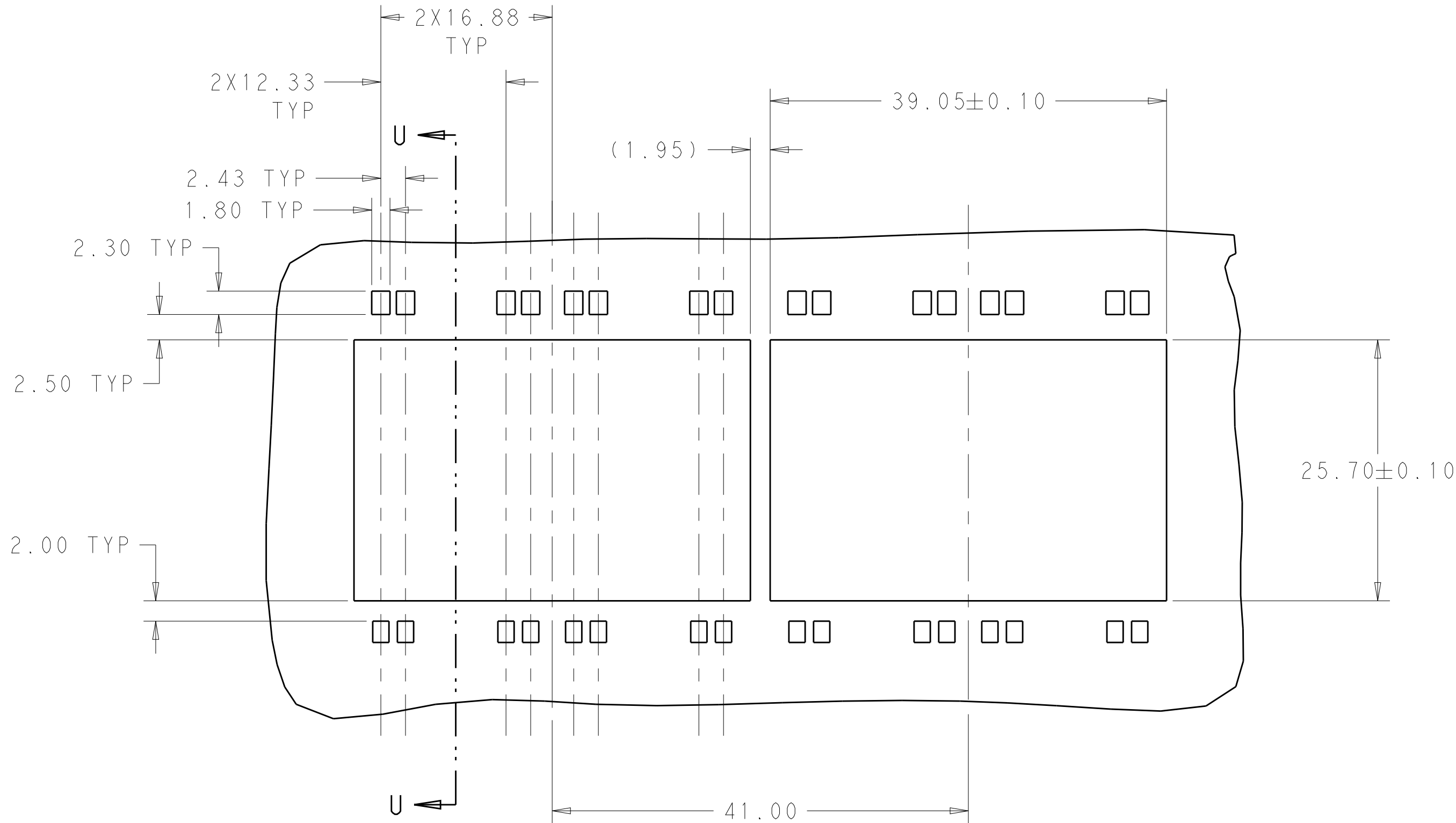
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



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

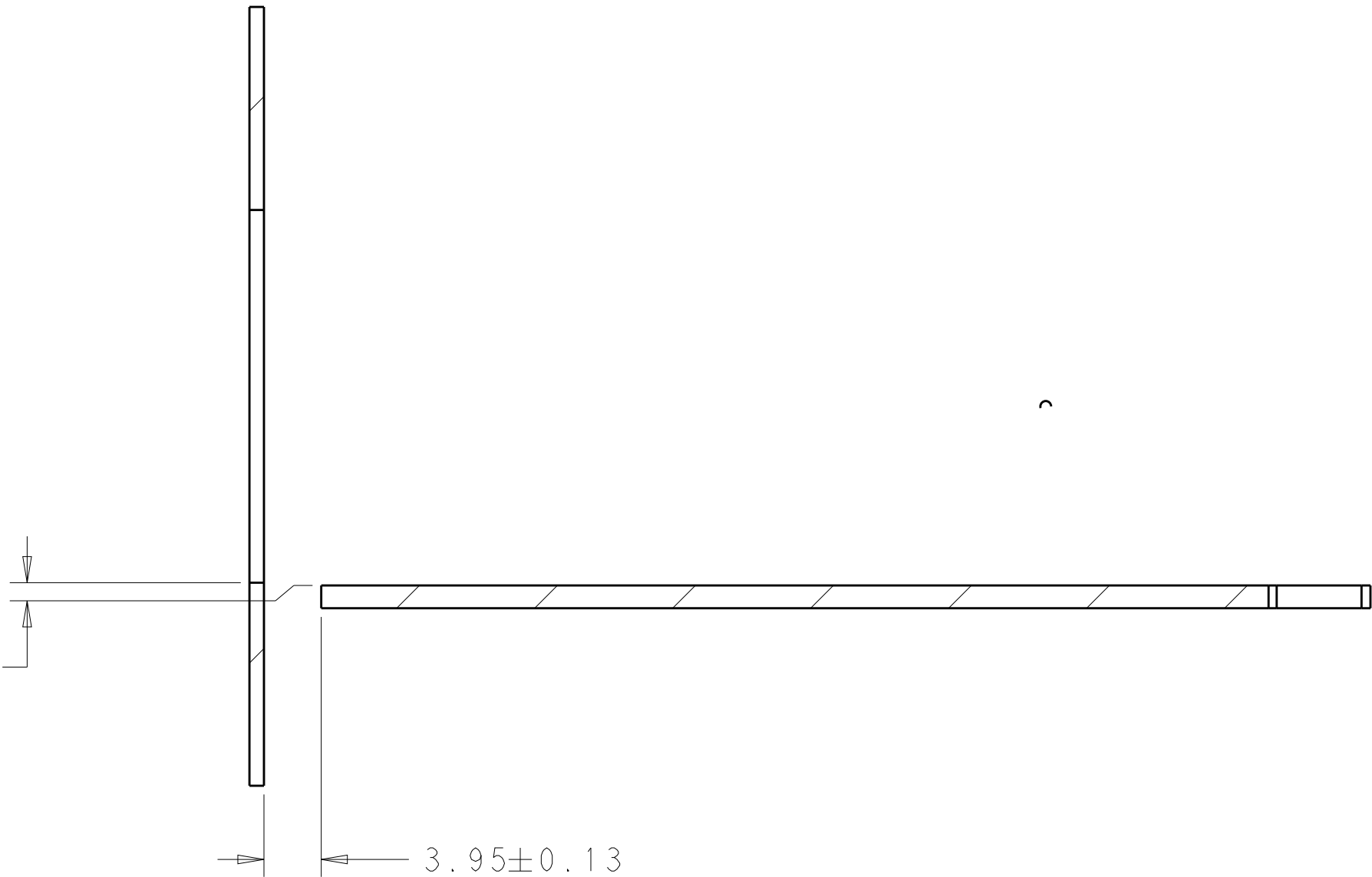


LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

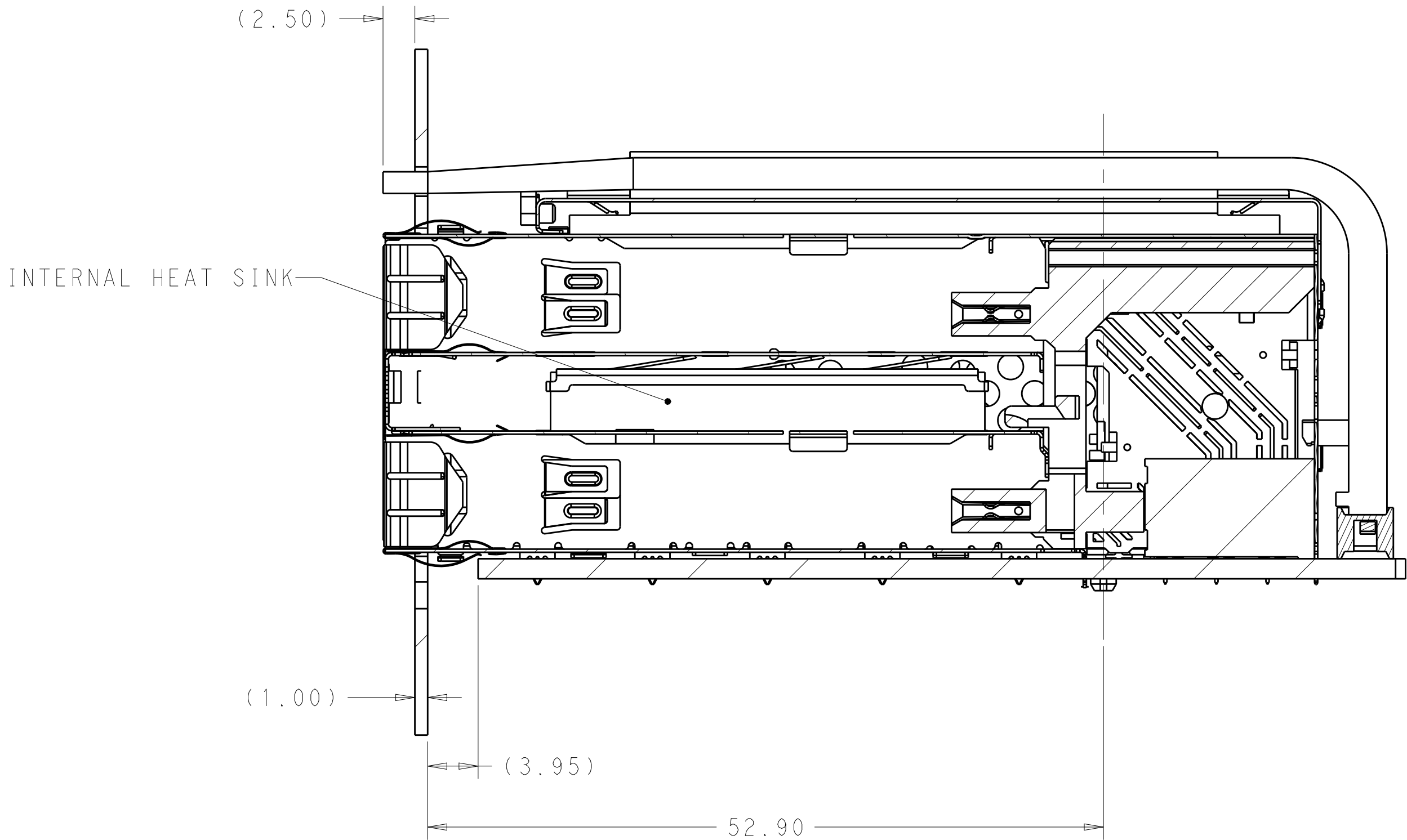


RECOMMENDED PANEL CUTOUT
AND PC BOARD PANEL POSITION
SCALE 5:2

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

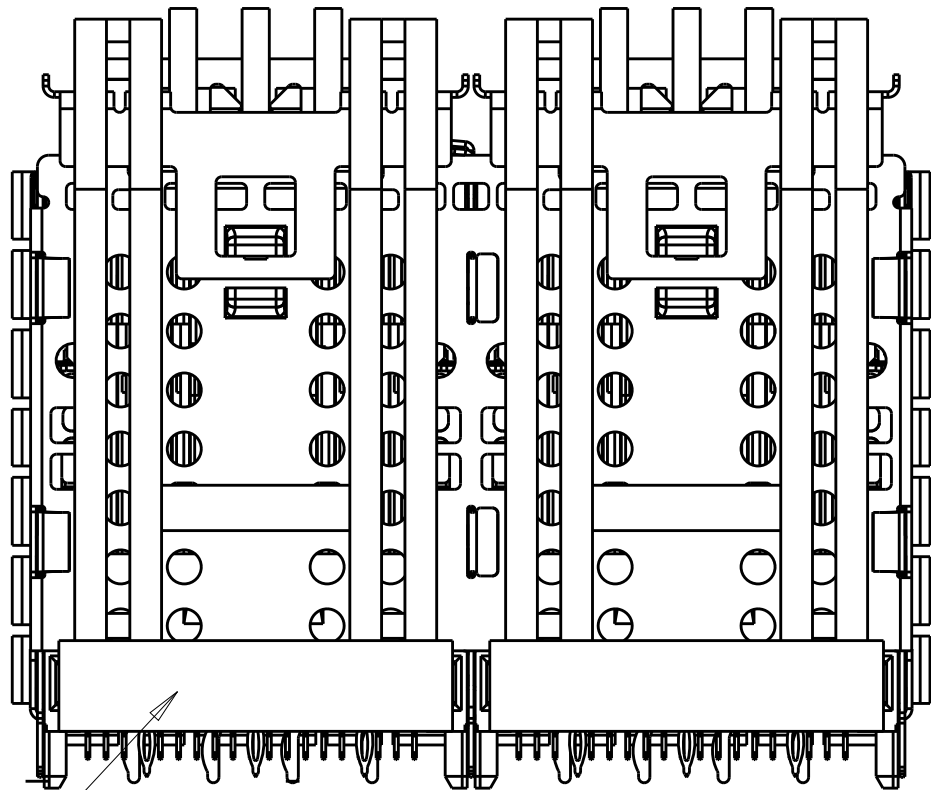


SECTION U-U

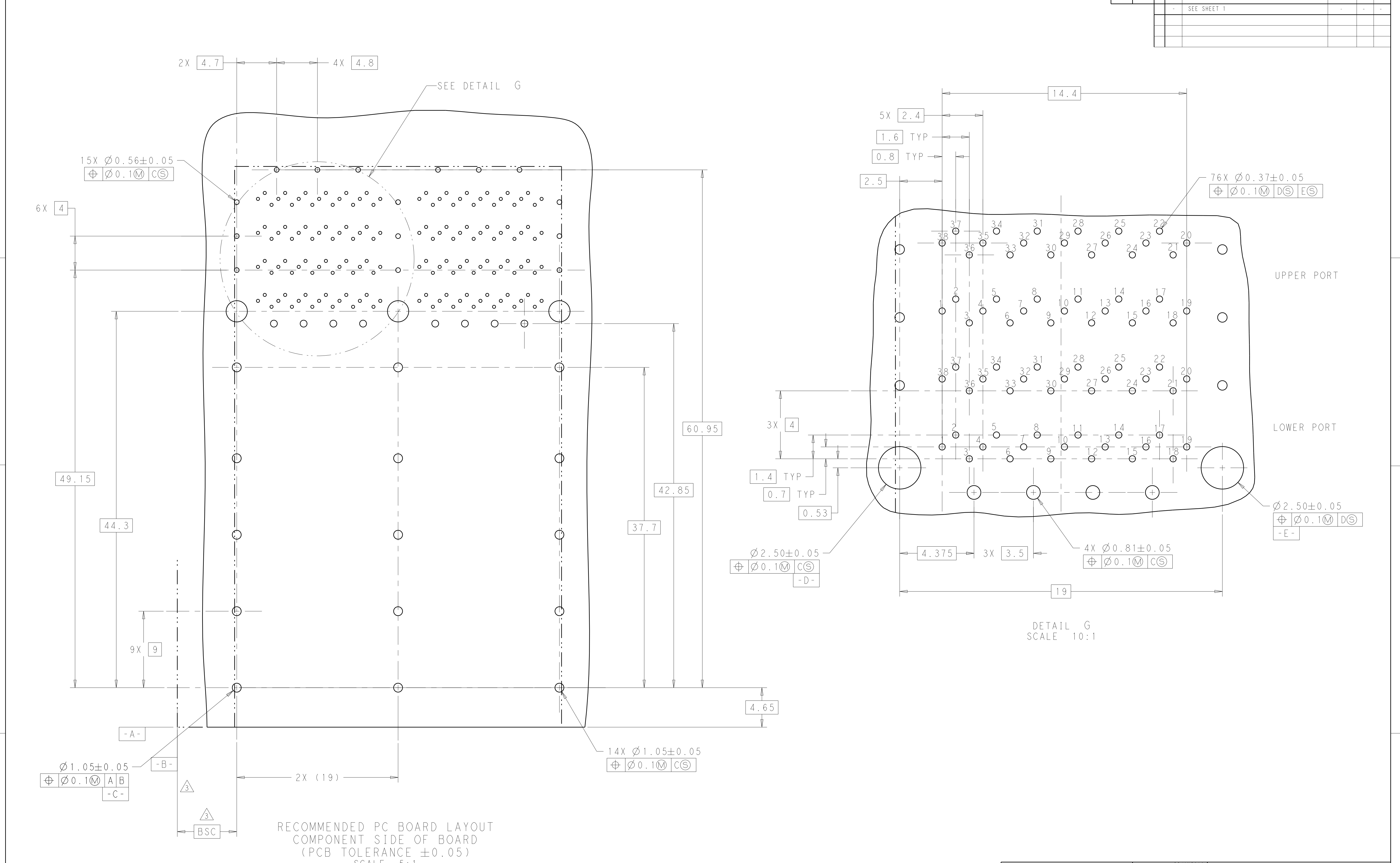


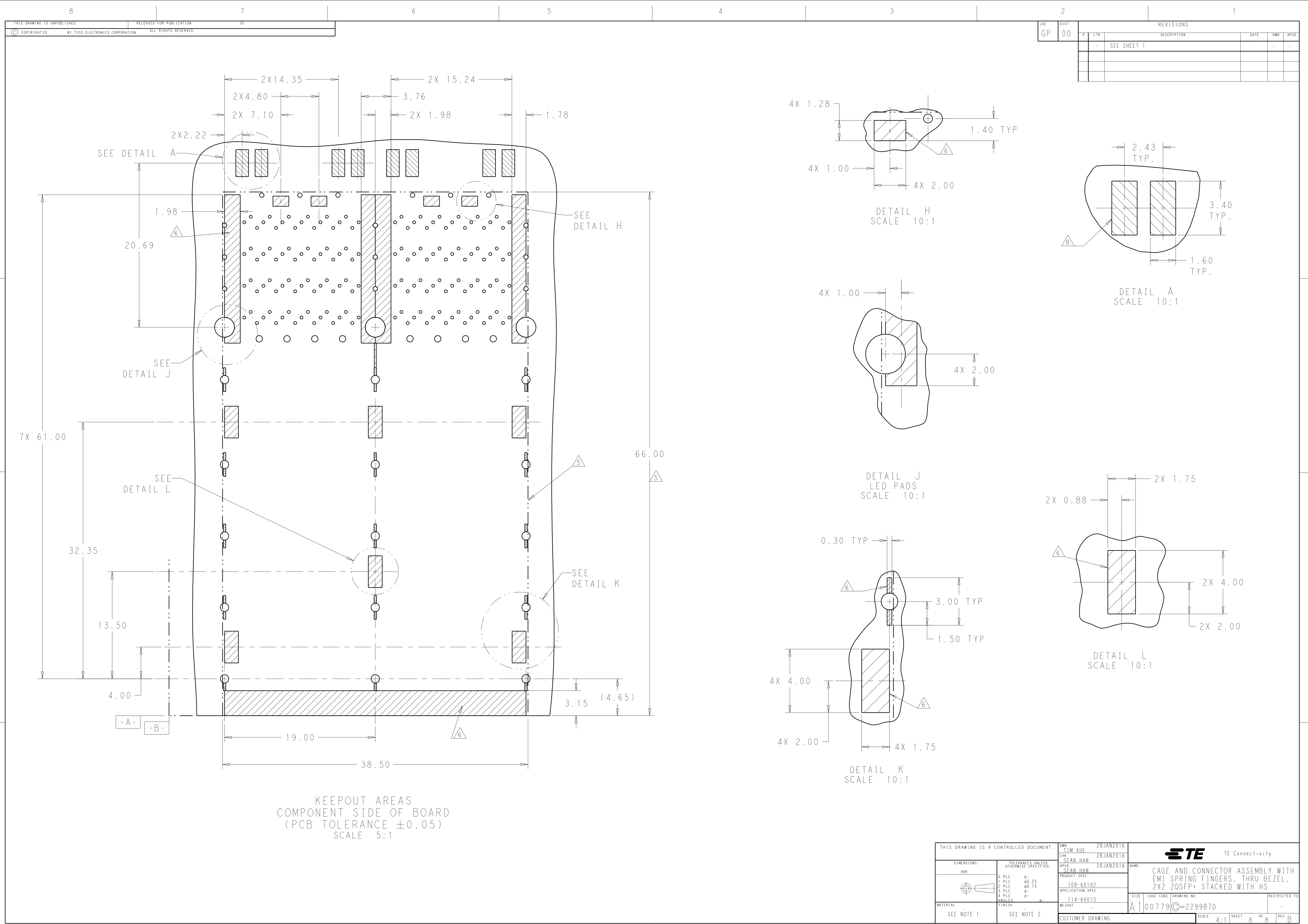
2299870-1 BEZEL LOCATION AS SHOWN
SECTION V-V
SCALE 3:1

ORGNIZER

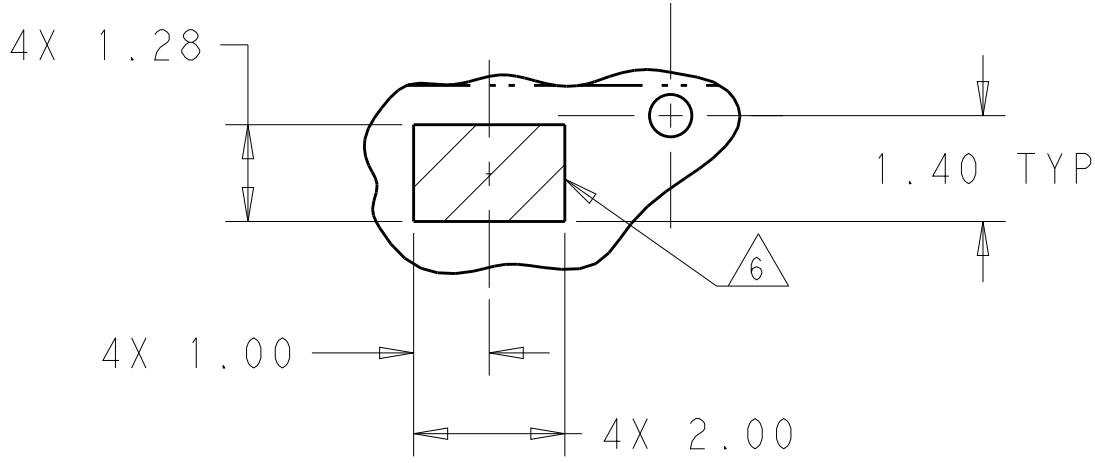


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	28JAN2016	 TE Connectivity	
		CHK SEAN HAN	28JAN2016		
DIMENSIONS:		APVD SEAN HAN	28JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:			

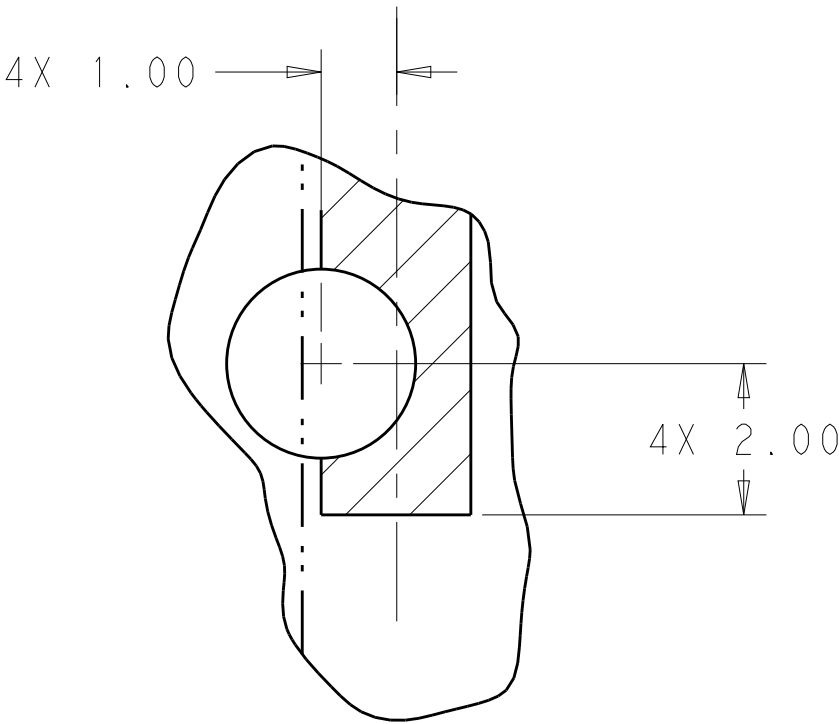




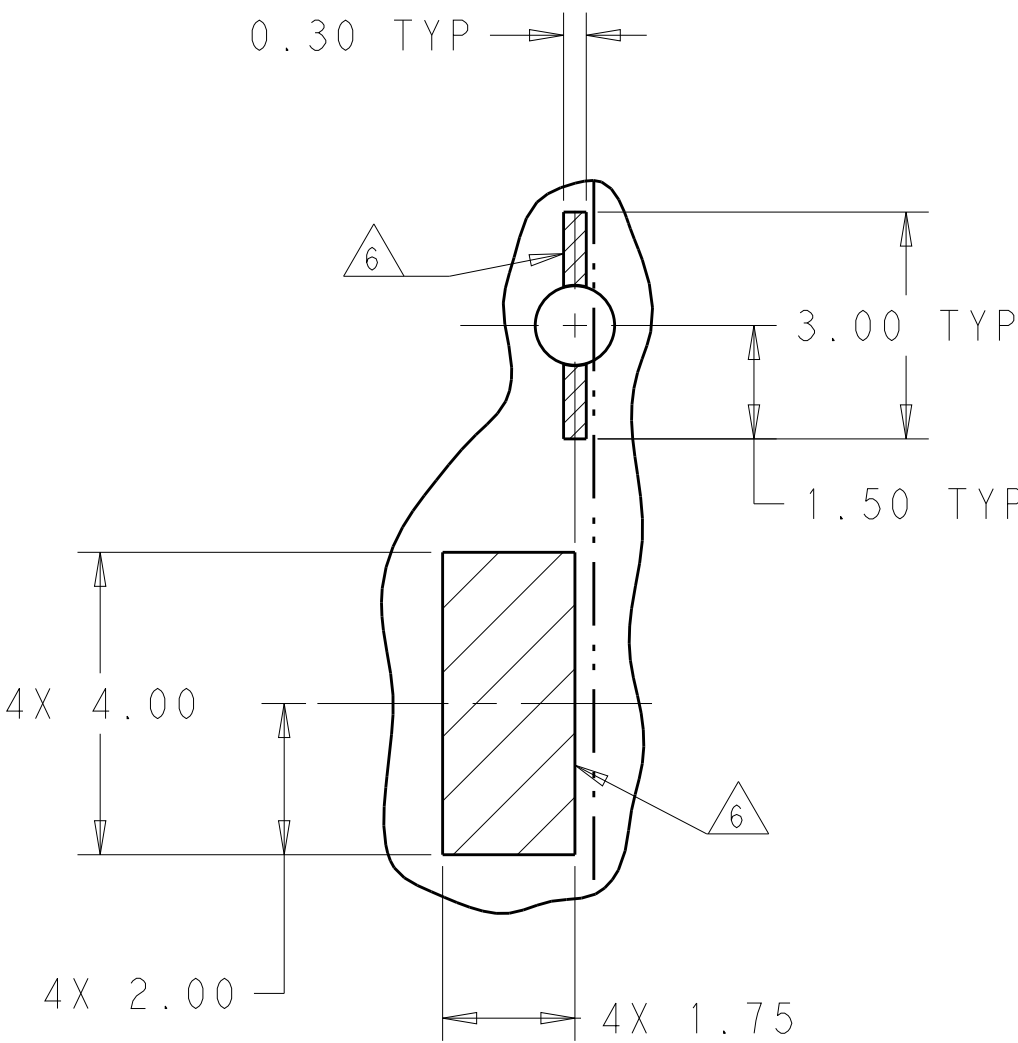
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



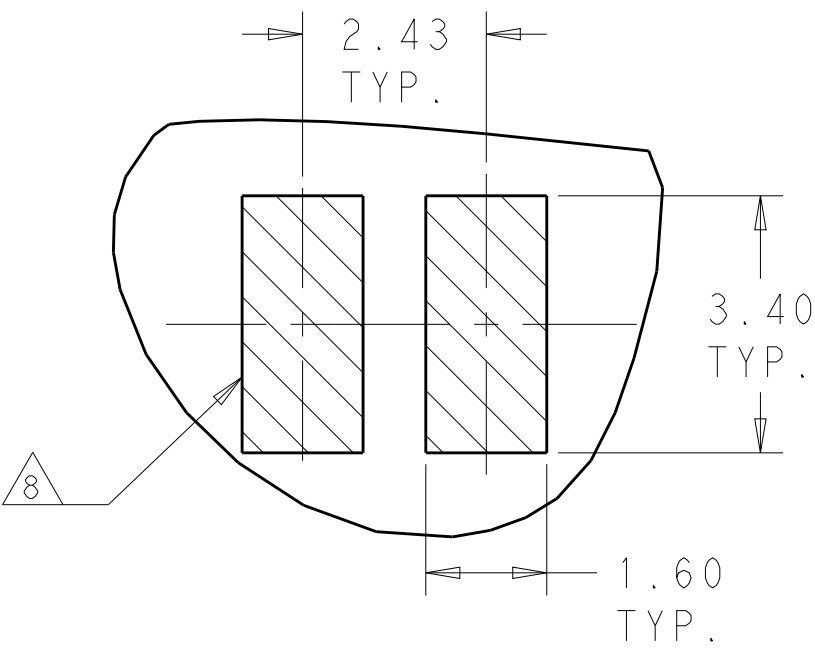
DETAIL H
SCALE 10:1



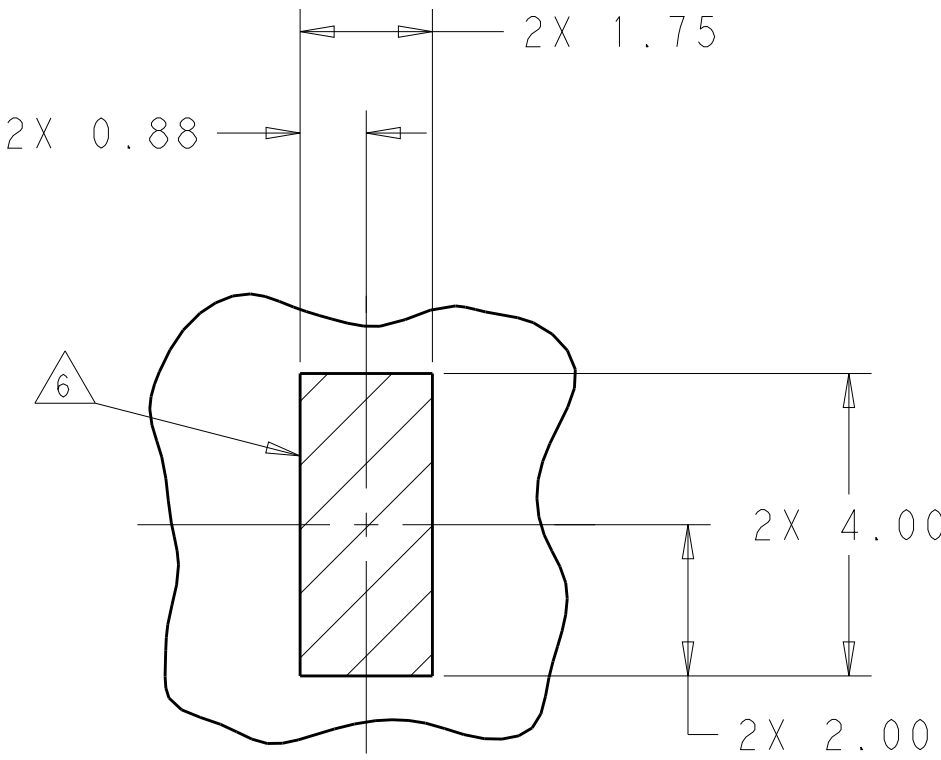
DETAIL J
LED PADS
SCALE 10:1



DETAIL K
SCALE 10:1



DETAIL A
SCALE 10:1



DETAIL L
SCALE 10:1

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 ZOSFP+ STACKED WITH HS			
mm									
		TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC 108-60102 APPLICATION SPEC 114-60015	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		1 P/LC	±						
		1 OTHER	±	0.25					
		2 P/LC	±	0.15					
		3 P/LC	±						
4 P/LC		±							
ANGLES					WEIGHT	A	00779	C	2299870
FINISH									
MATERIAL									
SEE NOTE 1		SEE NOTE 2			CUSTOMER DRAWING				
					SCALE 4:1				
					SHEET 8 of 8				
					REV B				