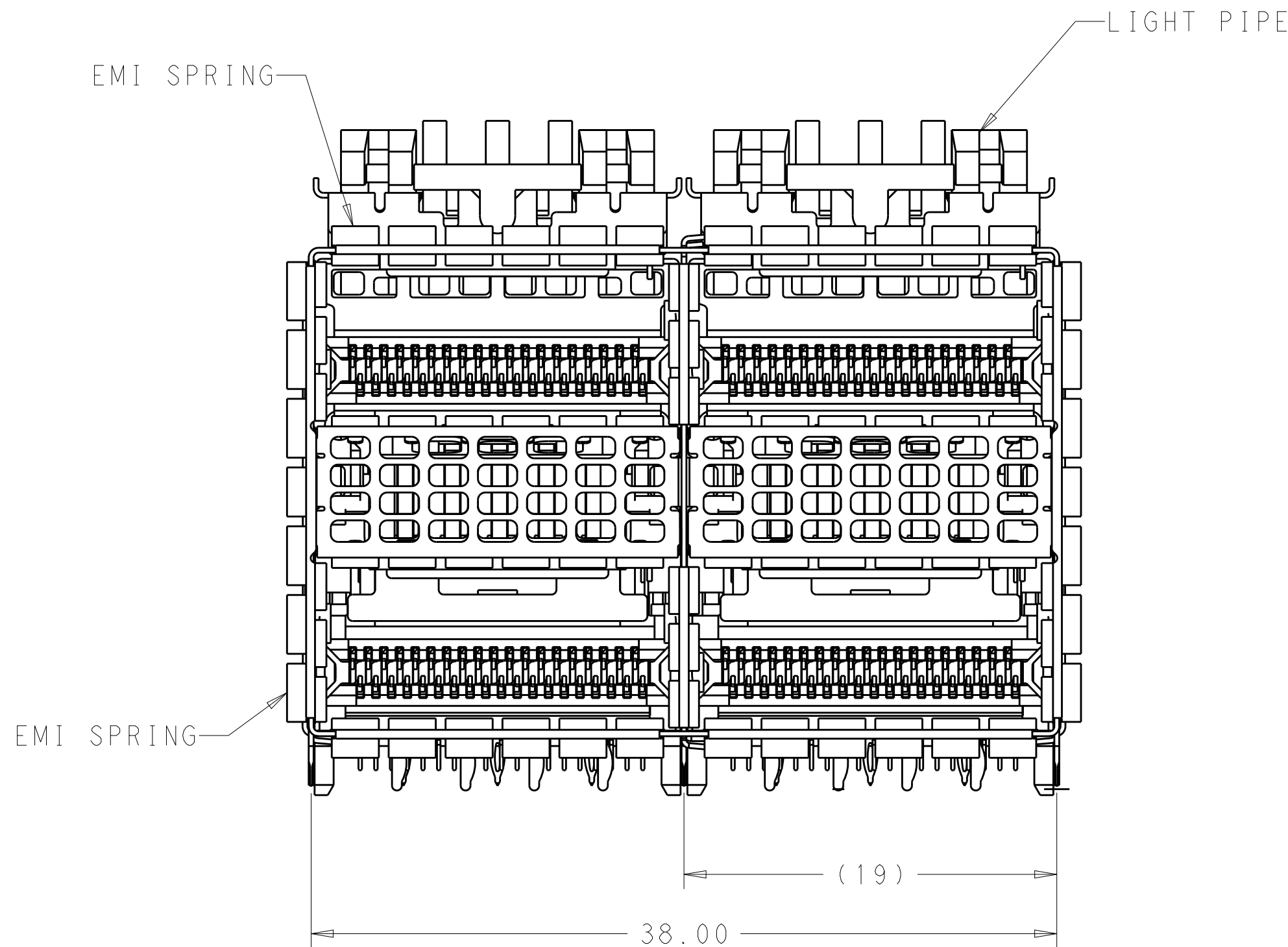
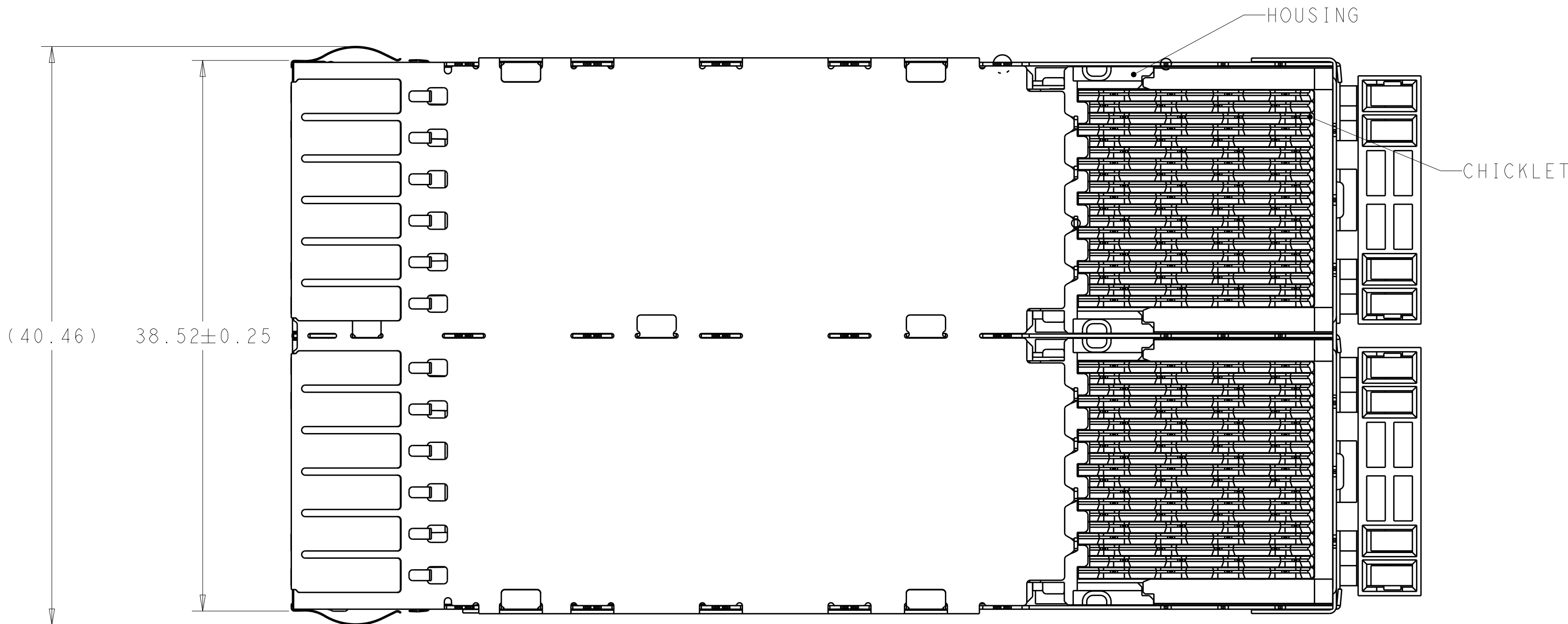
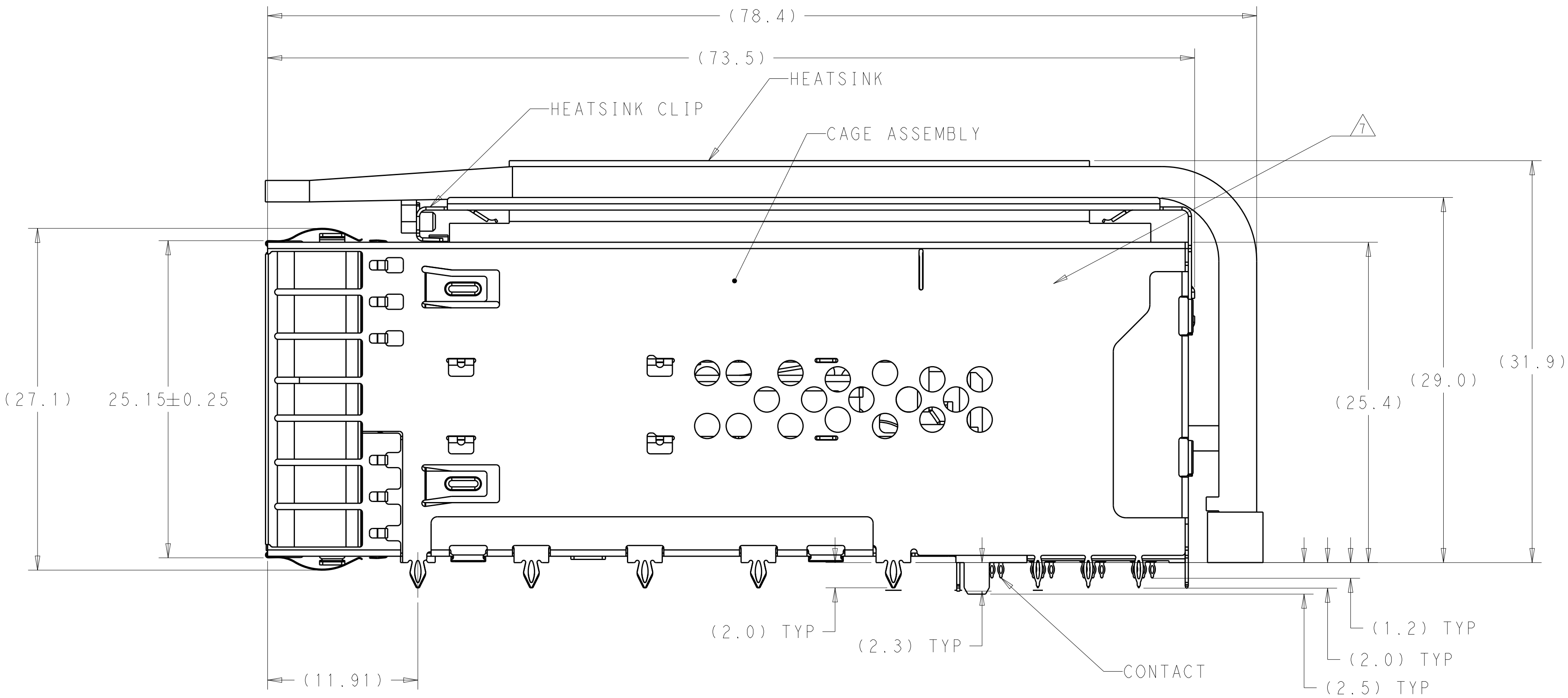


LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	INITIAL RELEASE	13MAR2017	LL	SH
					B	REVISED PER ECO-17-012744	31AUG2017	TX	SH

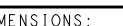


2299870-1

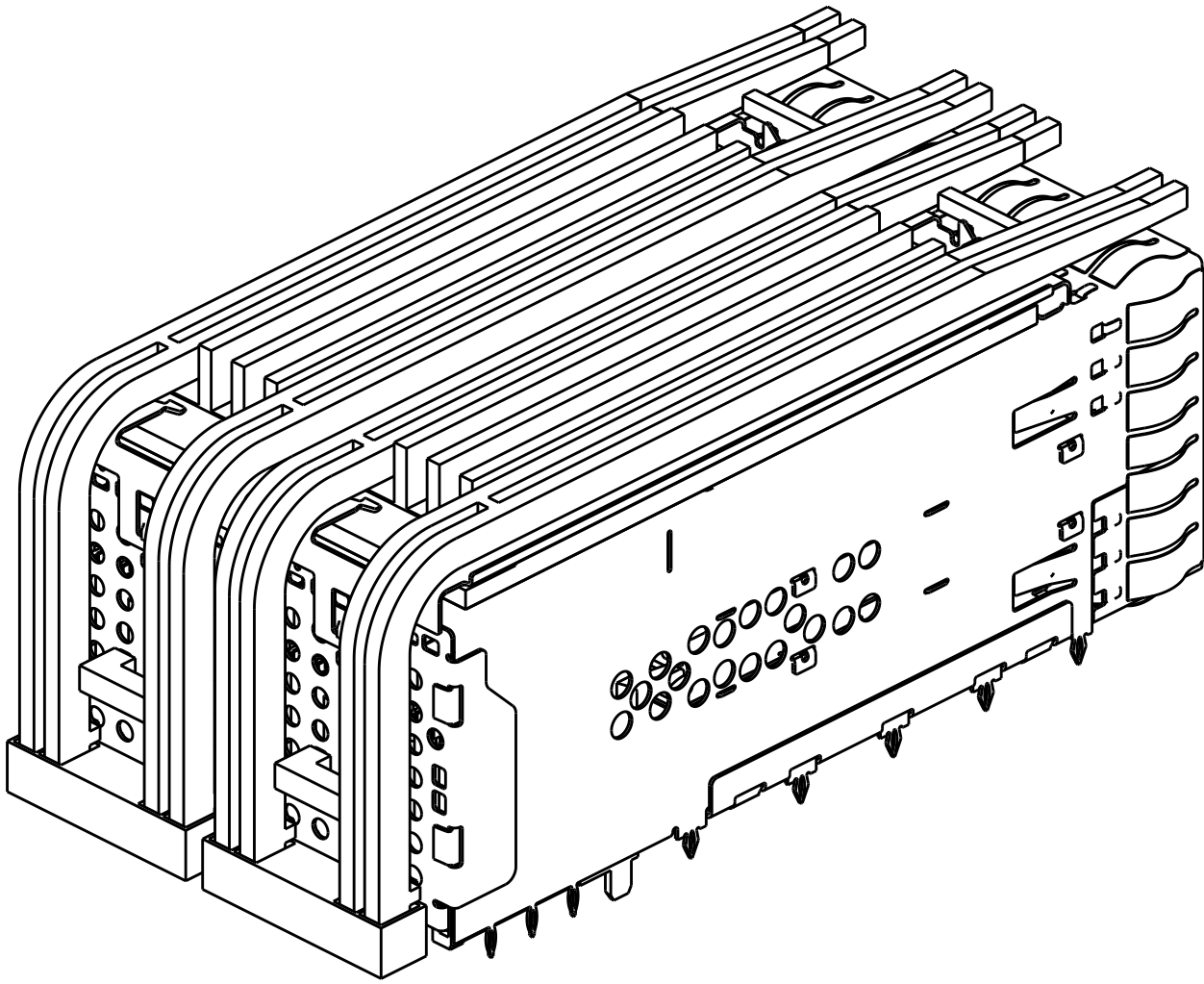
1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94V-0.
CHICKLET- POLYESTER LCP WITH 94V-0.
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN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



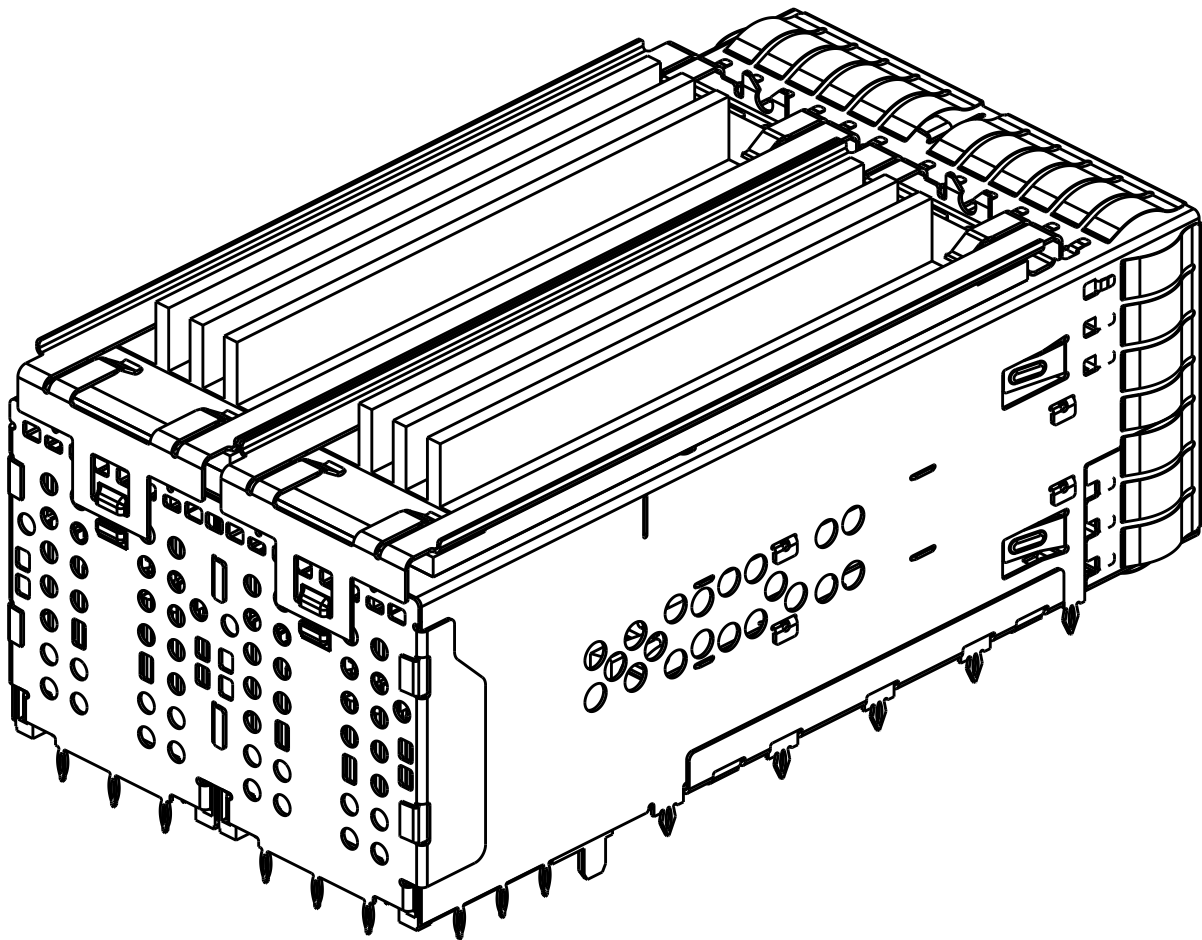
2	WITH HS & WITHOUT LP	2299870-6
2	WITHOUT UPPER HS OR LP	2299870-5
2	WITHOUT UPPER HS OR LP	2299870-4
2	WITH HS & WITHOUT LP	2299870-3
2	WITH HS & WITHOUT LP	2299870-2
2	WITH HS & WITH LP	2299870-1
CONTACT FINISH	DESCRIPTION	PART NUMBER

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 ZOSFP+ STACKED WITH HS					
			PRODUCT SPEC									
	0 PLC	±0.25	108-60102		APPLICATION SPEC	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO		
	1 PLC	±0.15										
	2 PLC	±										
	3 PLC	±										
	4 PLC	±										
	ANGLES	±										
	FINISH	±										
	MATERIAL			114-60015	WEIGHT	A100779		C=2299870	-			
	SEE NOTE 1	SEE NOTE 2	CUSTOMER DRAWING		SCALE			4:1	SHEET	1	OF	8

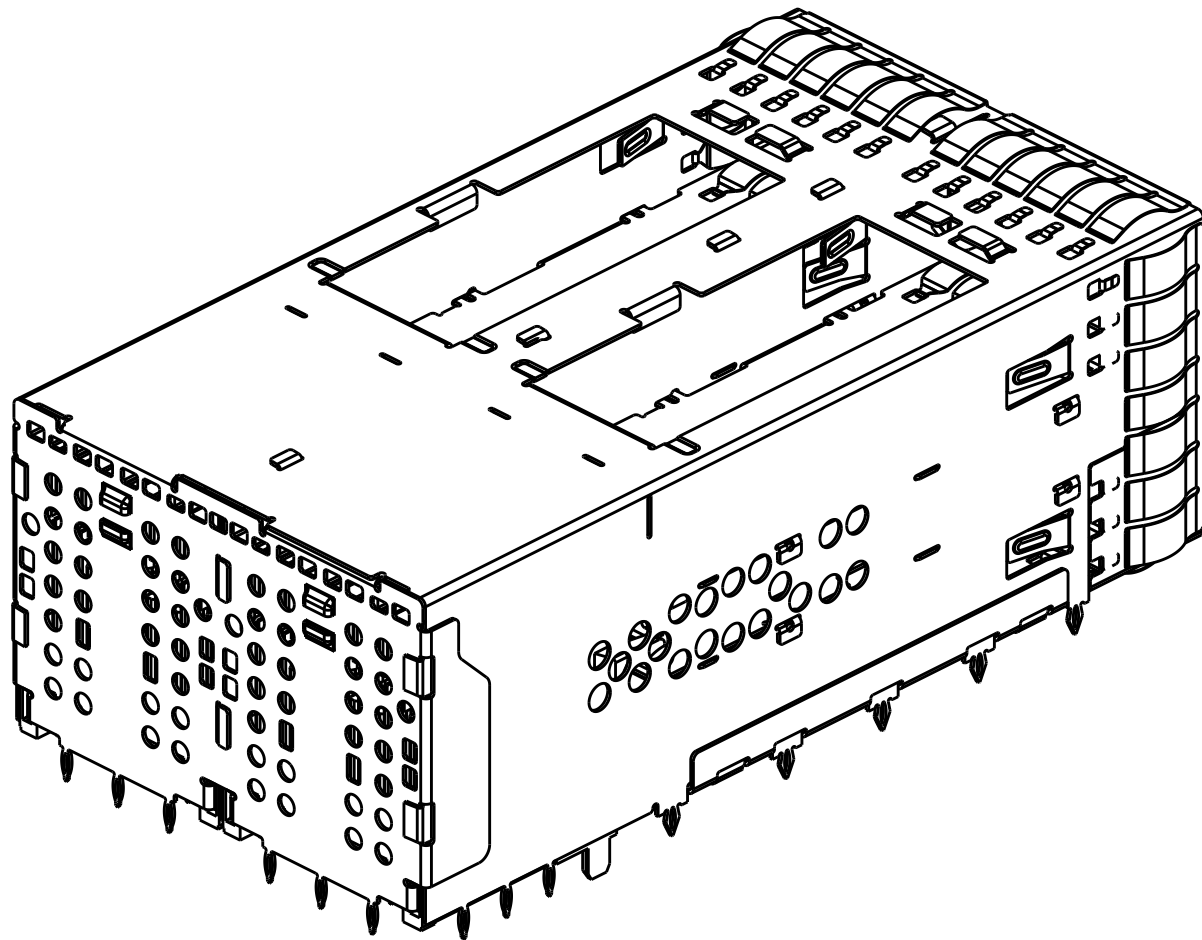
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-					
		-	SEE SHEET 1		-	-	-



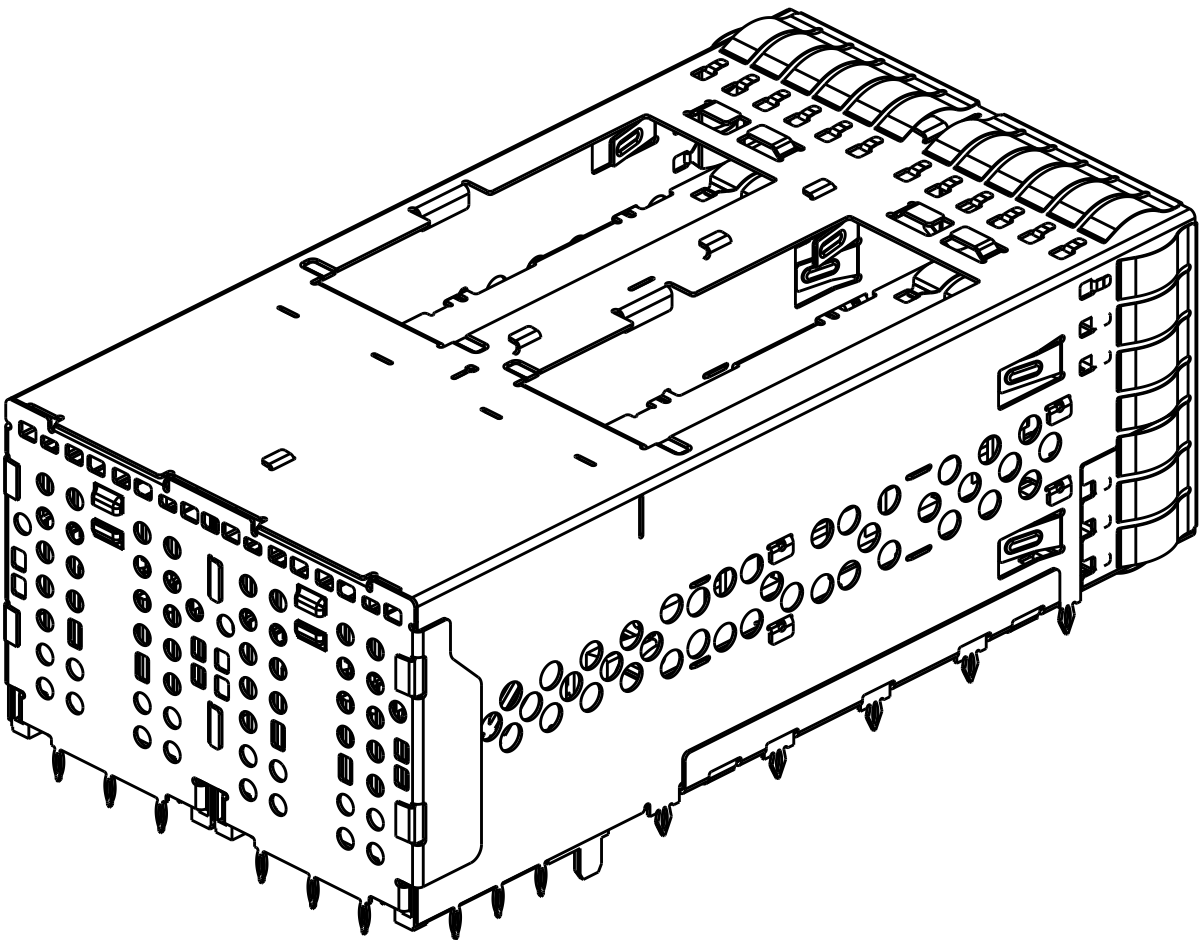
2299870-1 AS SHOWN
SCALE 2:1



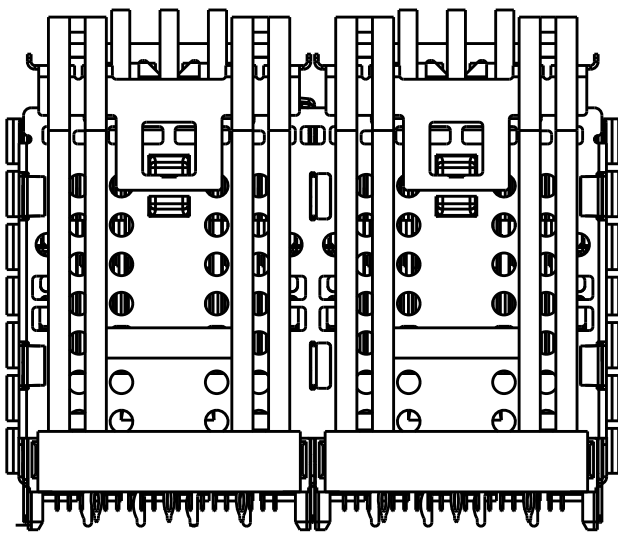
2299870-2 AS SHOWN
SAME AS 2299870-1 EXCEPT
W/O LEGHT PIPE AND ORGANIZER
SCALE 2:1



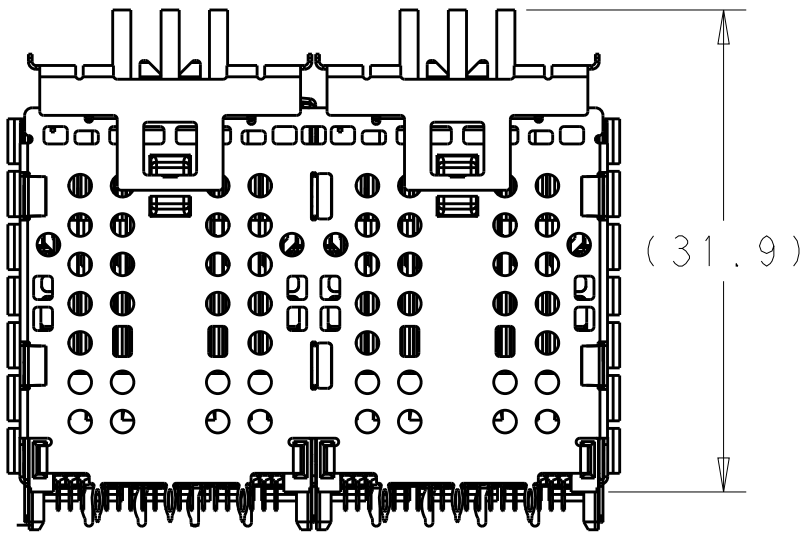
2299870-4 AS SHOWN
SAME AS 2299870-2 EXCEPT
W/O EXTERNAL HEAT SINK AND LP
SCALE 2:1



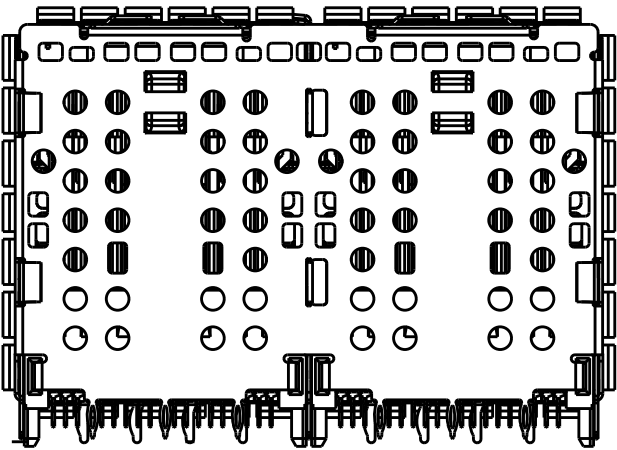
2299870-5
SCALE 2:1



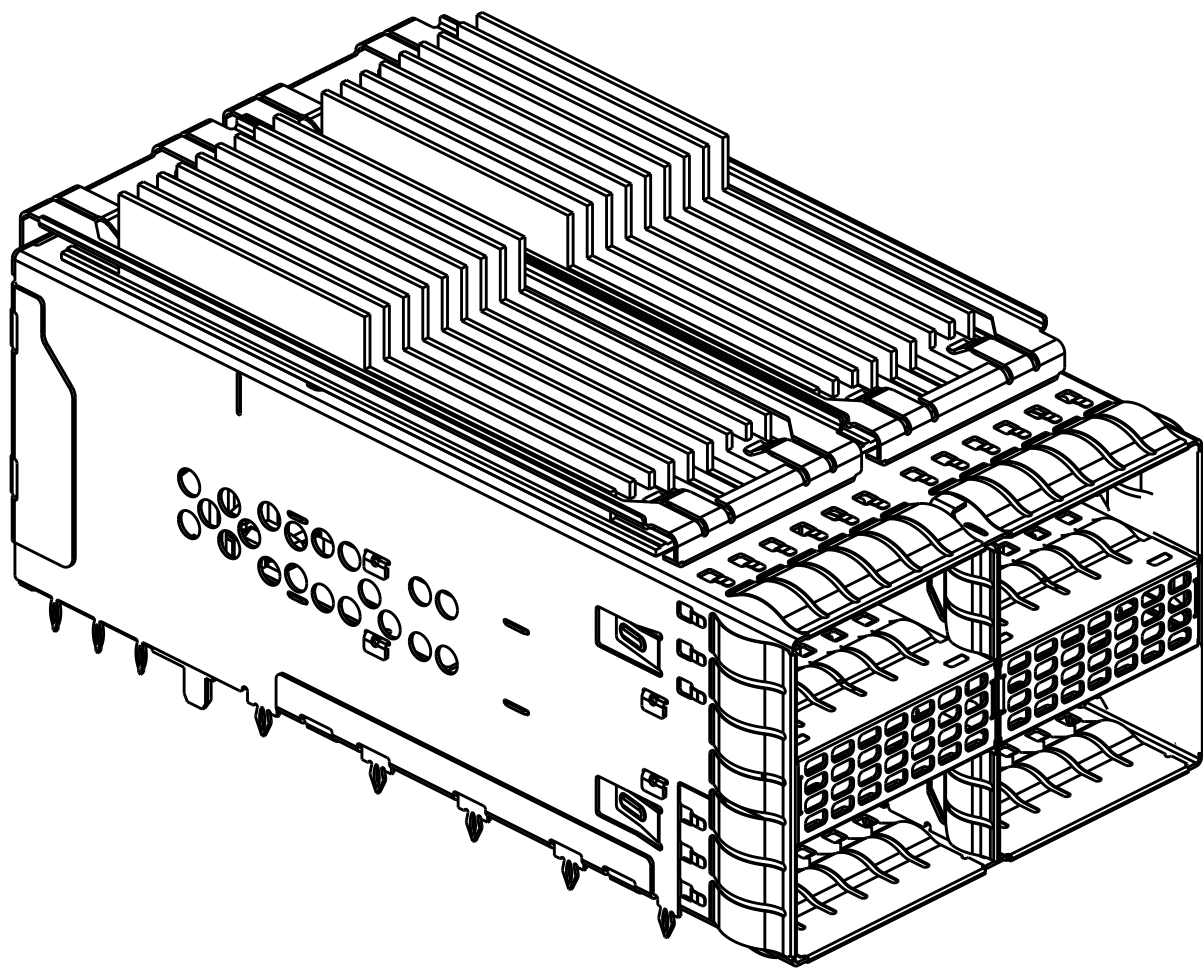
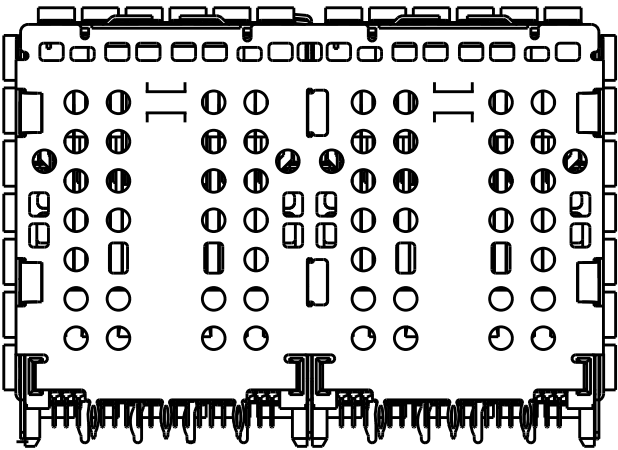
2299870-1
SCALE 2:1



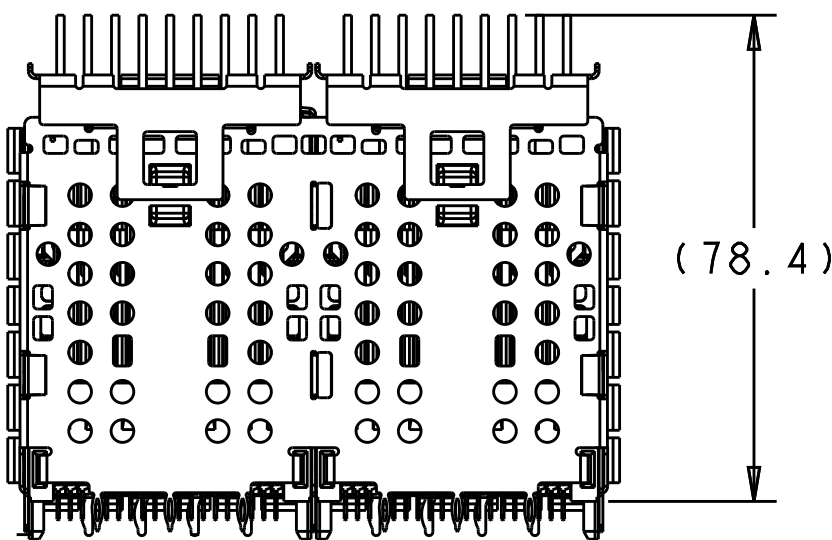
2299870-2
SCALE 2:1



2299870-4
SCALE 2:1



2299870-6
SCALE 2:1

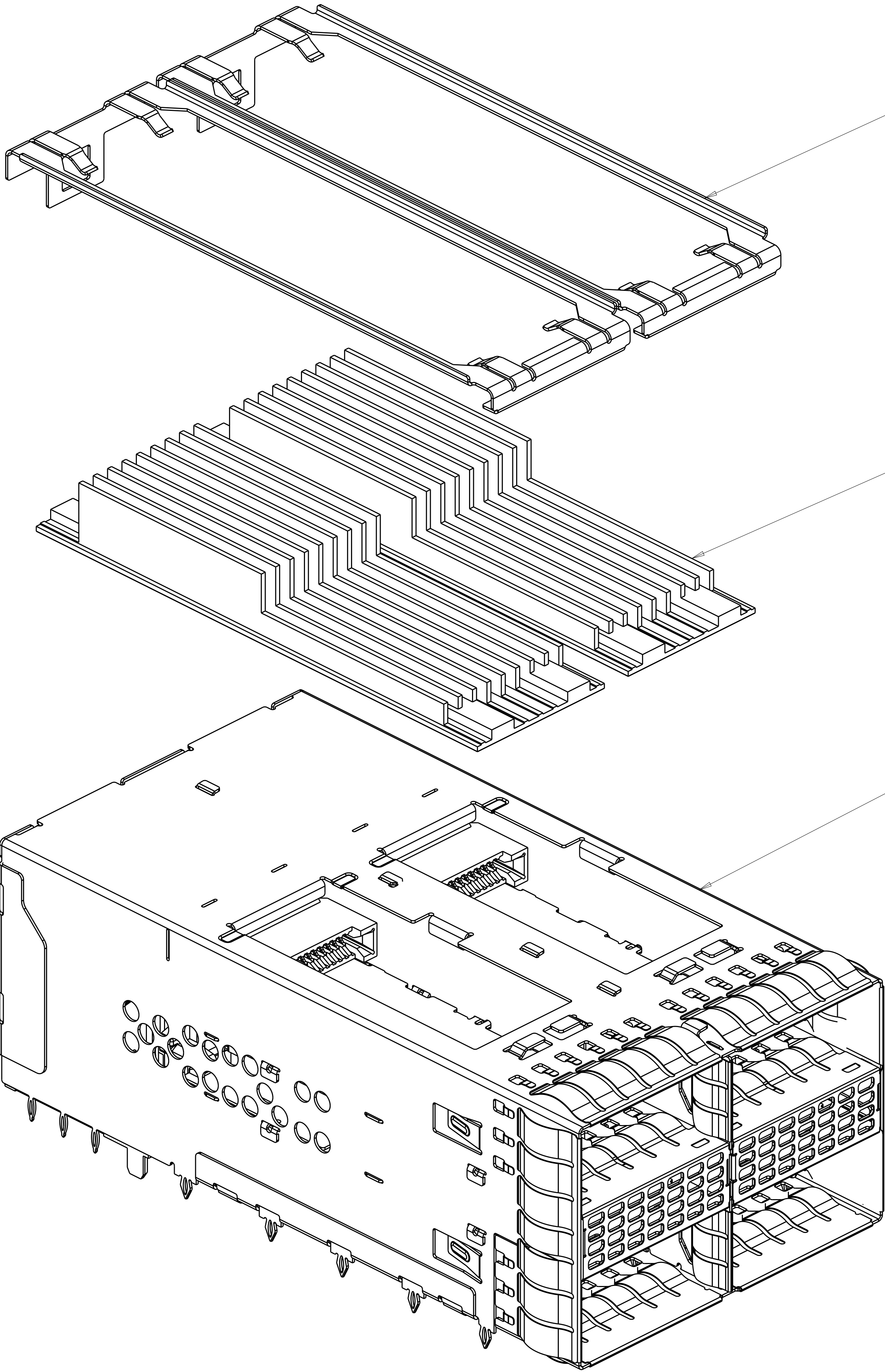


2299870-6
SCALE 2:1

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	

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

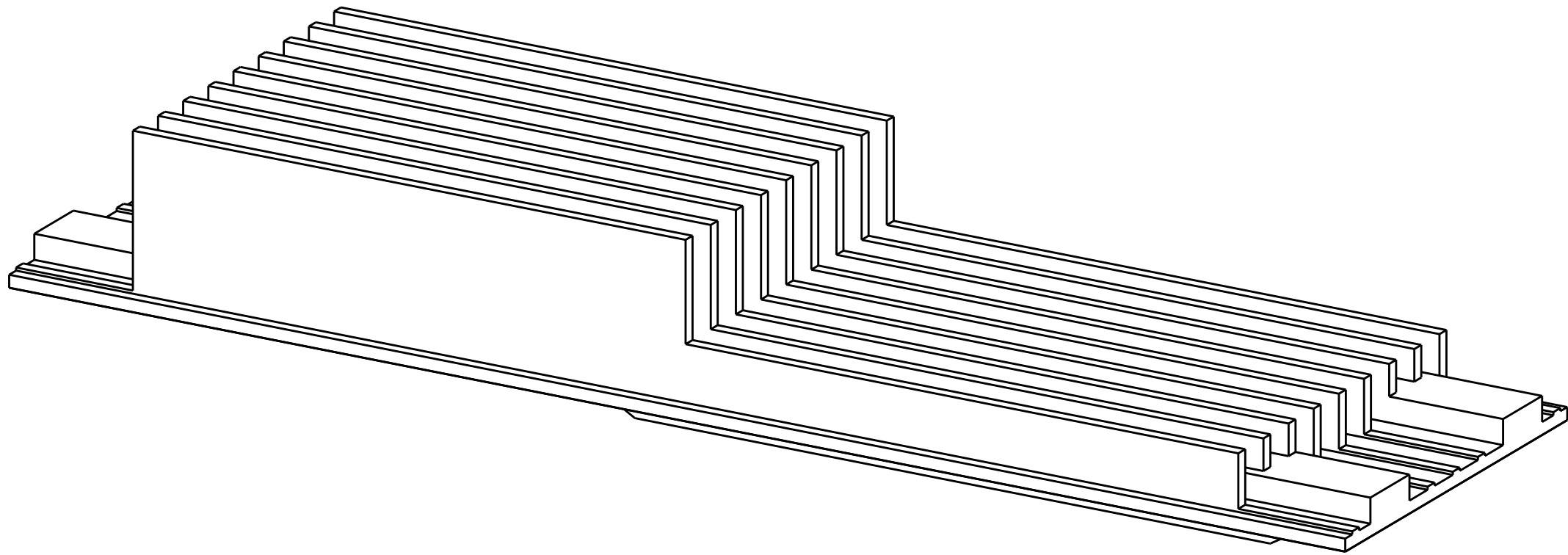
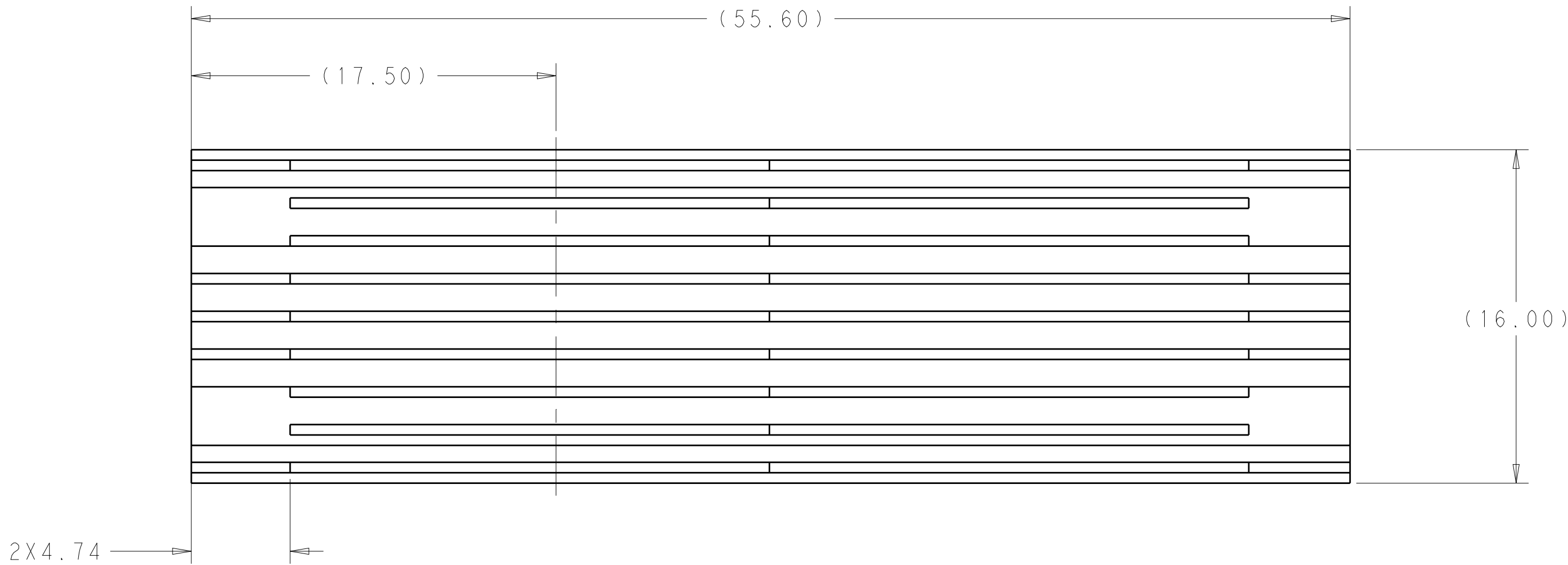
HEAT SINK
PN: 1-2304280-3

CAGE AND CONNECTOR ASSEMBLY
PN: 2299870-4

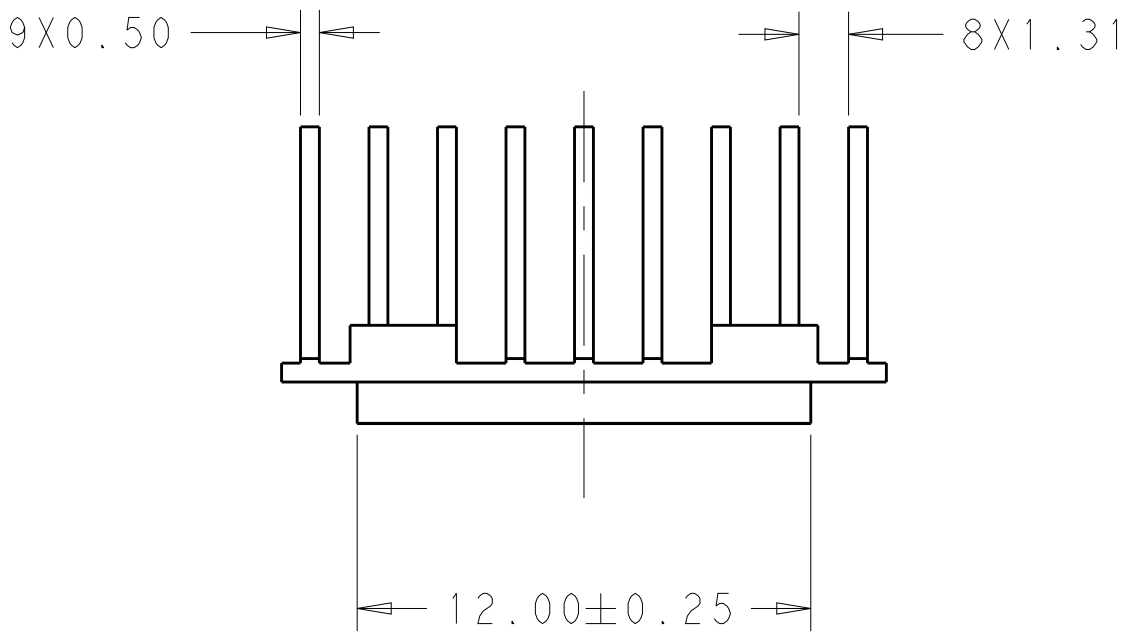
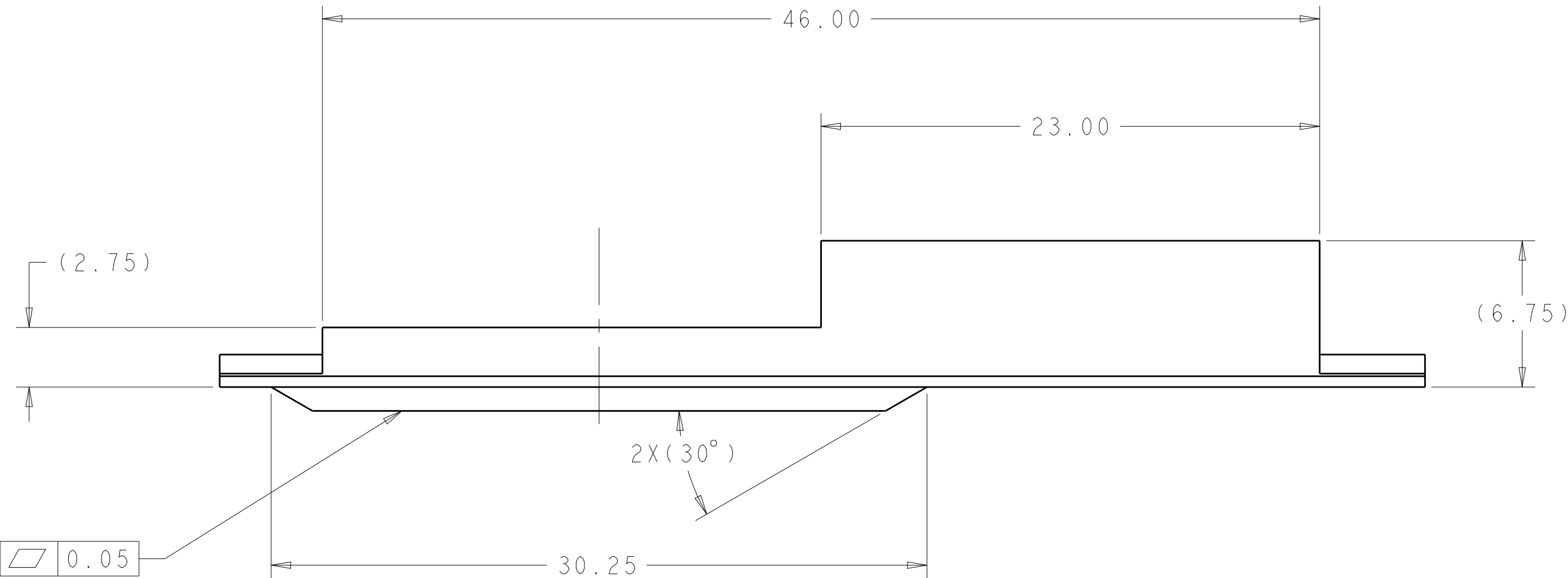
SCALE 4:1

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	-	-	-

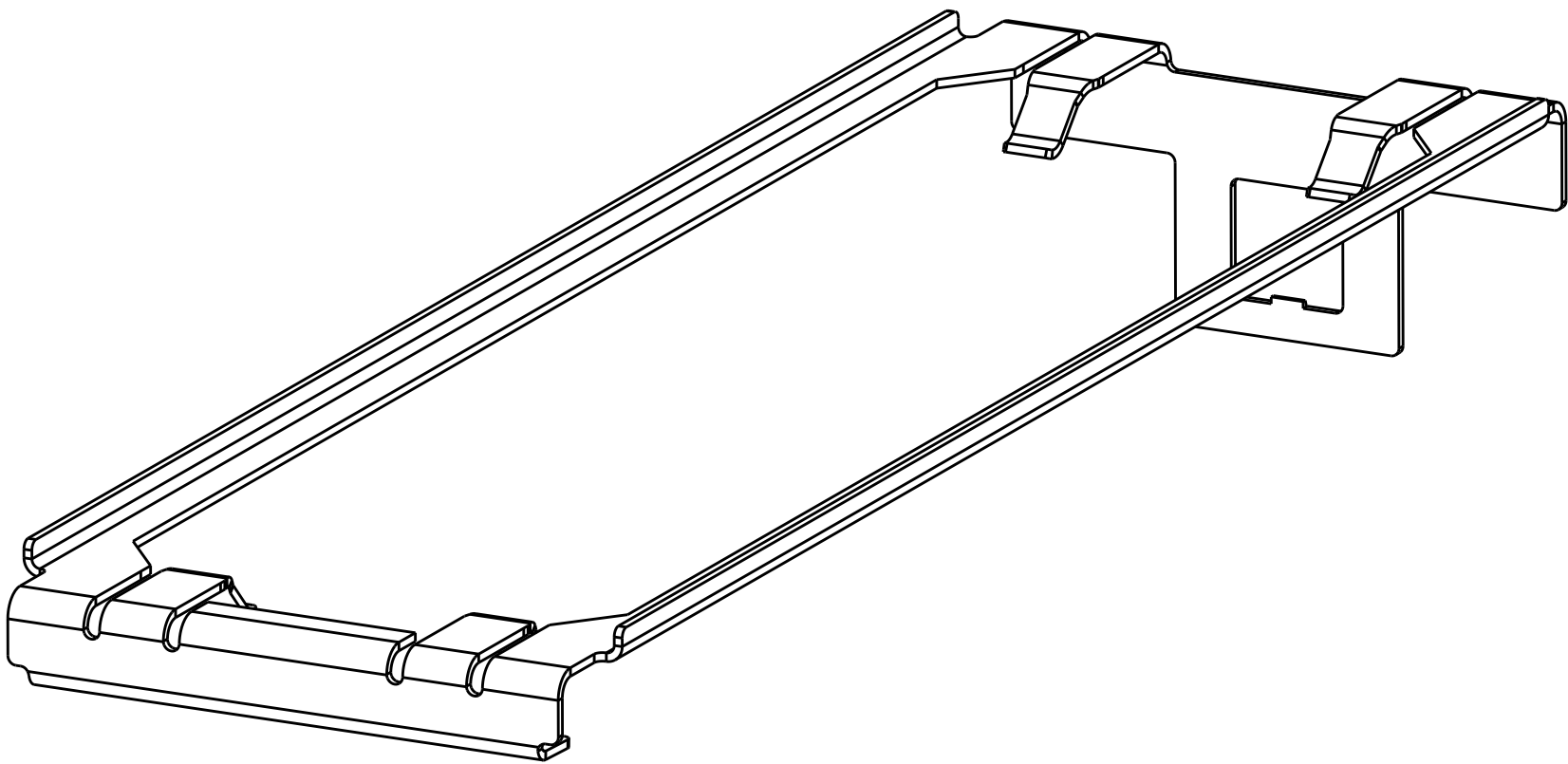
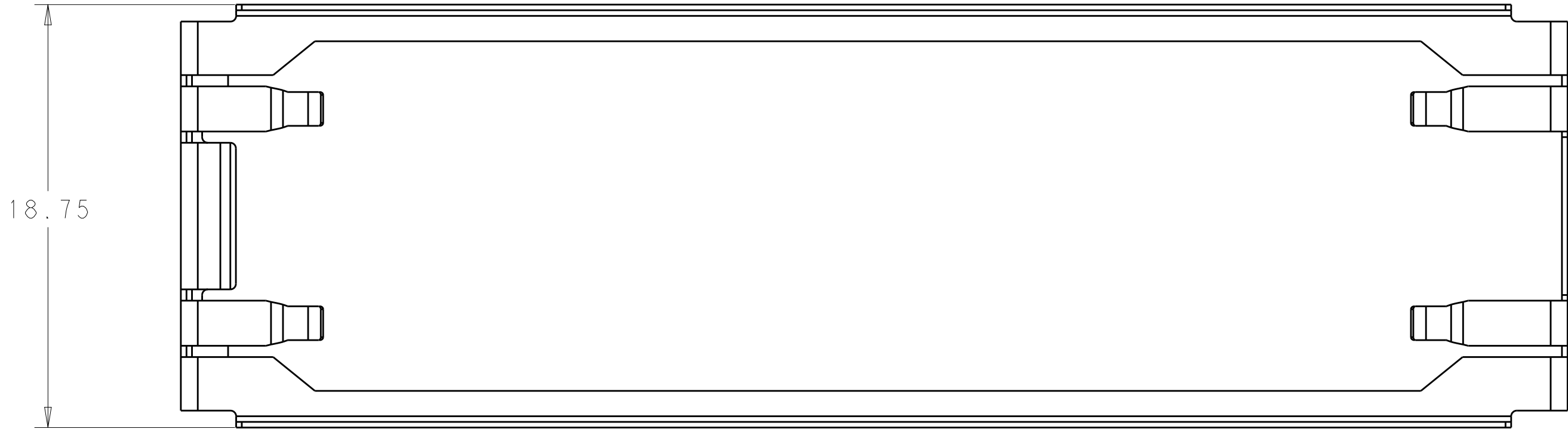


1-2304280-3 HEAT SINK SHOWN
SCALE 5:1

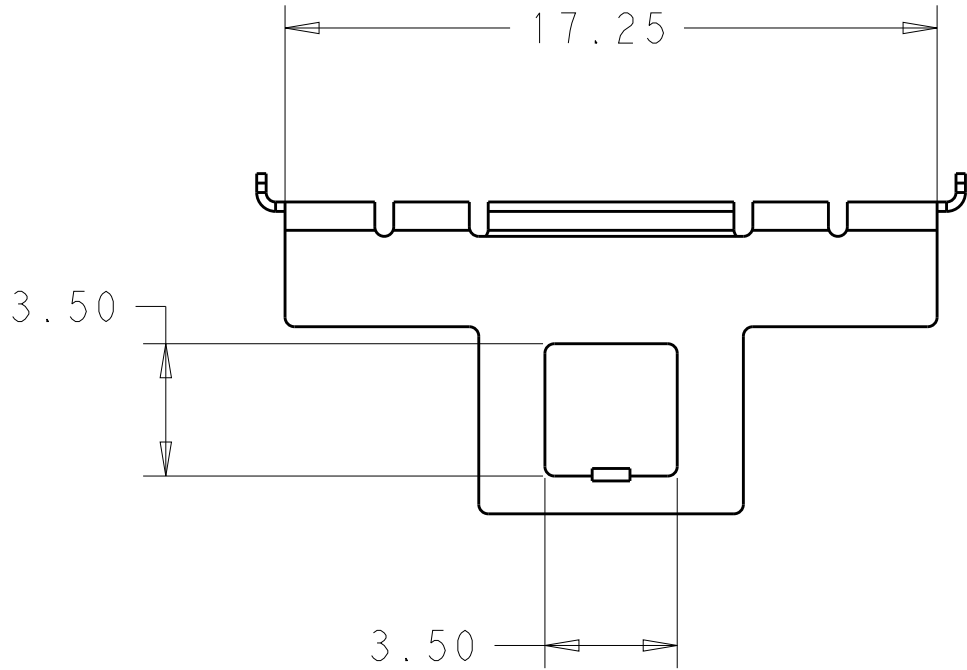
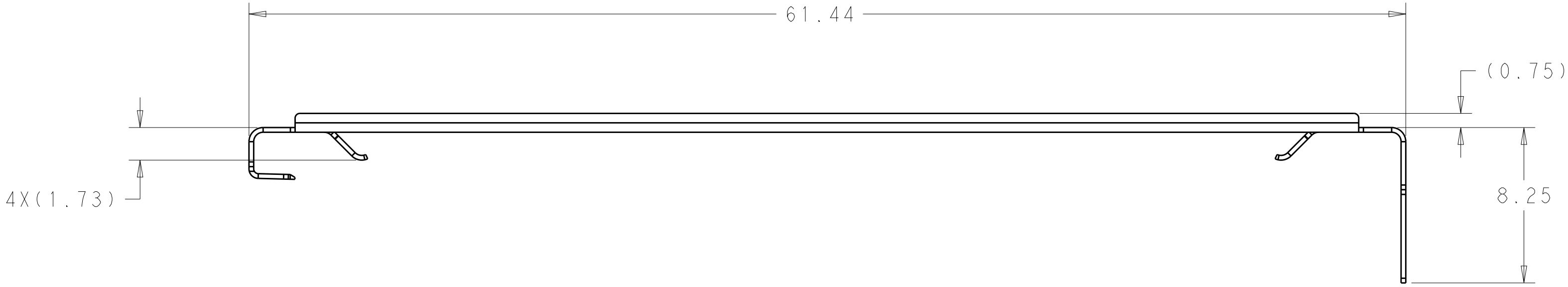


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	28JAN2016		 TE Connectivity								
				CHK	28JAN2016										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	28JAN2016		NAME		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS						
mm				SEAN HAN			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

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

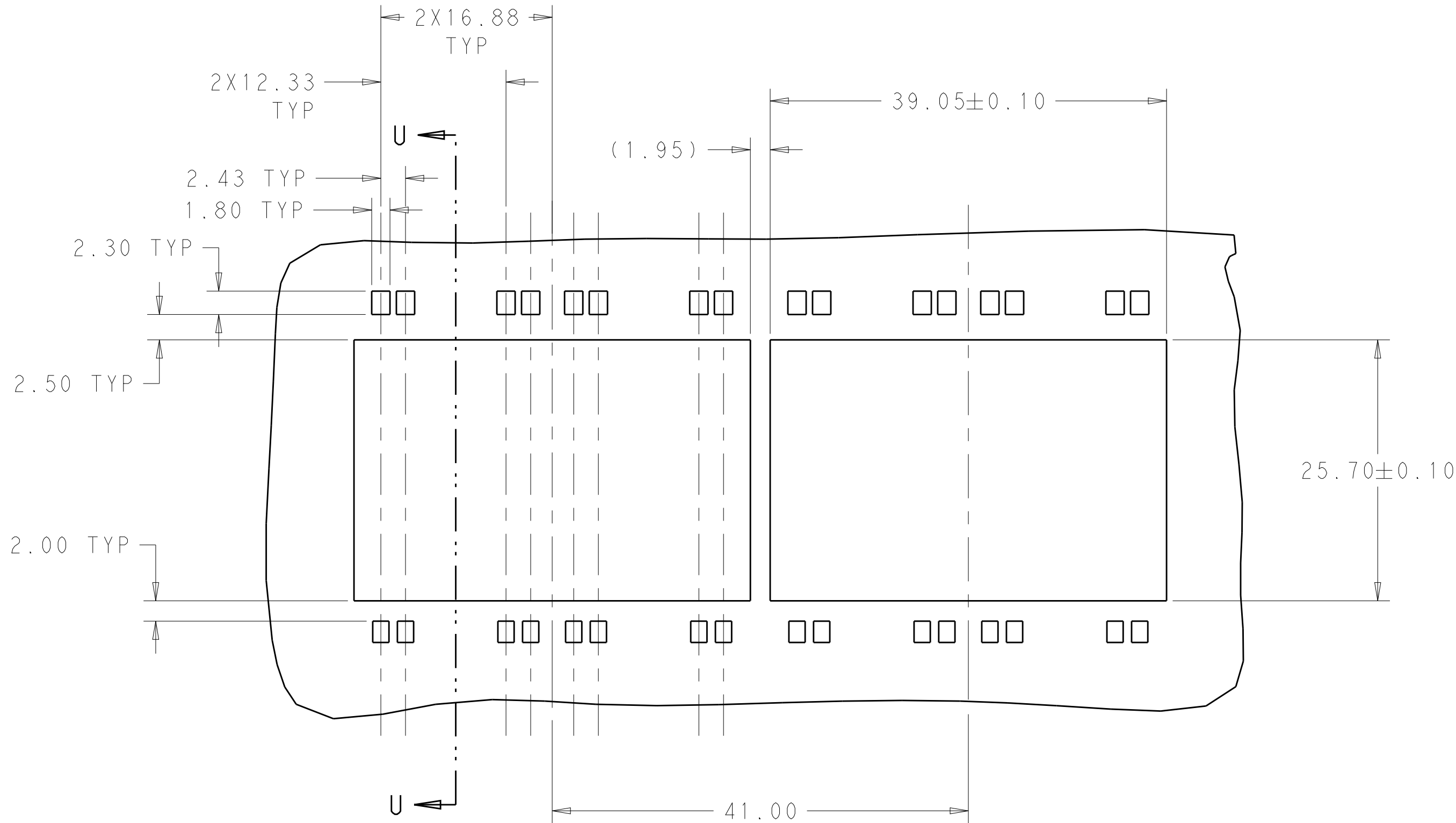


1-2300832-7, HEAT SINK CLIP
SCALE 5:1

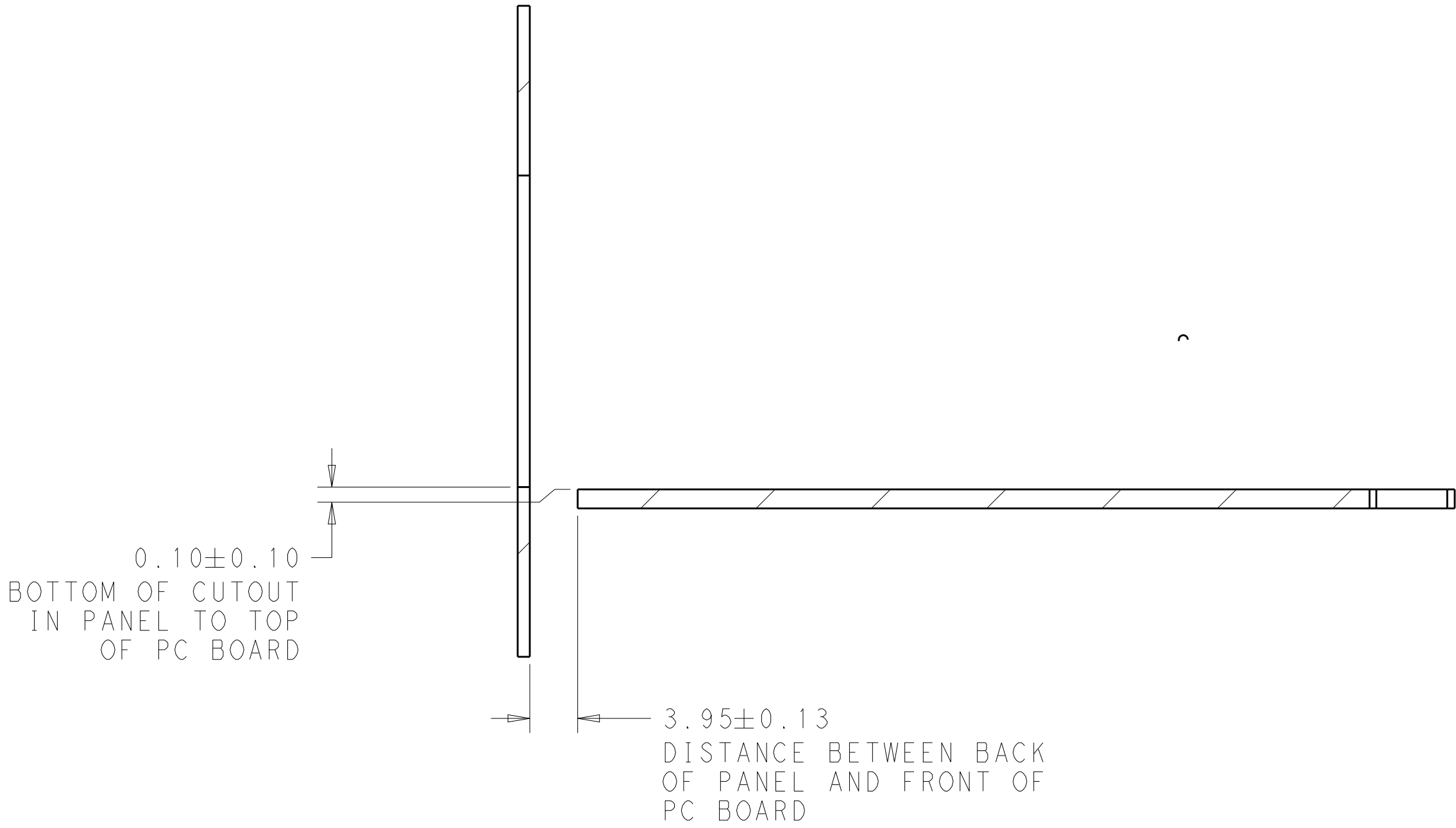


THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		28JAN2016		 TE Connectivity		
				CHK	SEAN HAN		28JAN2016				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SEAN HAN		28JAN2016		NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSPF+ STACKED WITH HS		
mm		0 PLC ±.1		PRODUCT SPEC		108-60102					
		1 PLC ±0.25		APPLICATION SPEC		114-60015					
		2 PLC ±0.15									
		3 PLC ±.		FINISH							
		4 PLC ±.		WEIGHT							
		ANGLES									
MATERIAL		SEE NOTE 1		SEE NOTE 2							
CUSTOMER DRAWING				SCALE		4:1		SHEET 5 OF 8		REV B	

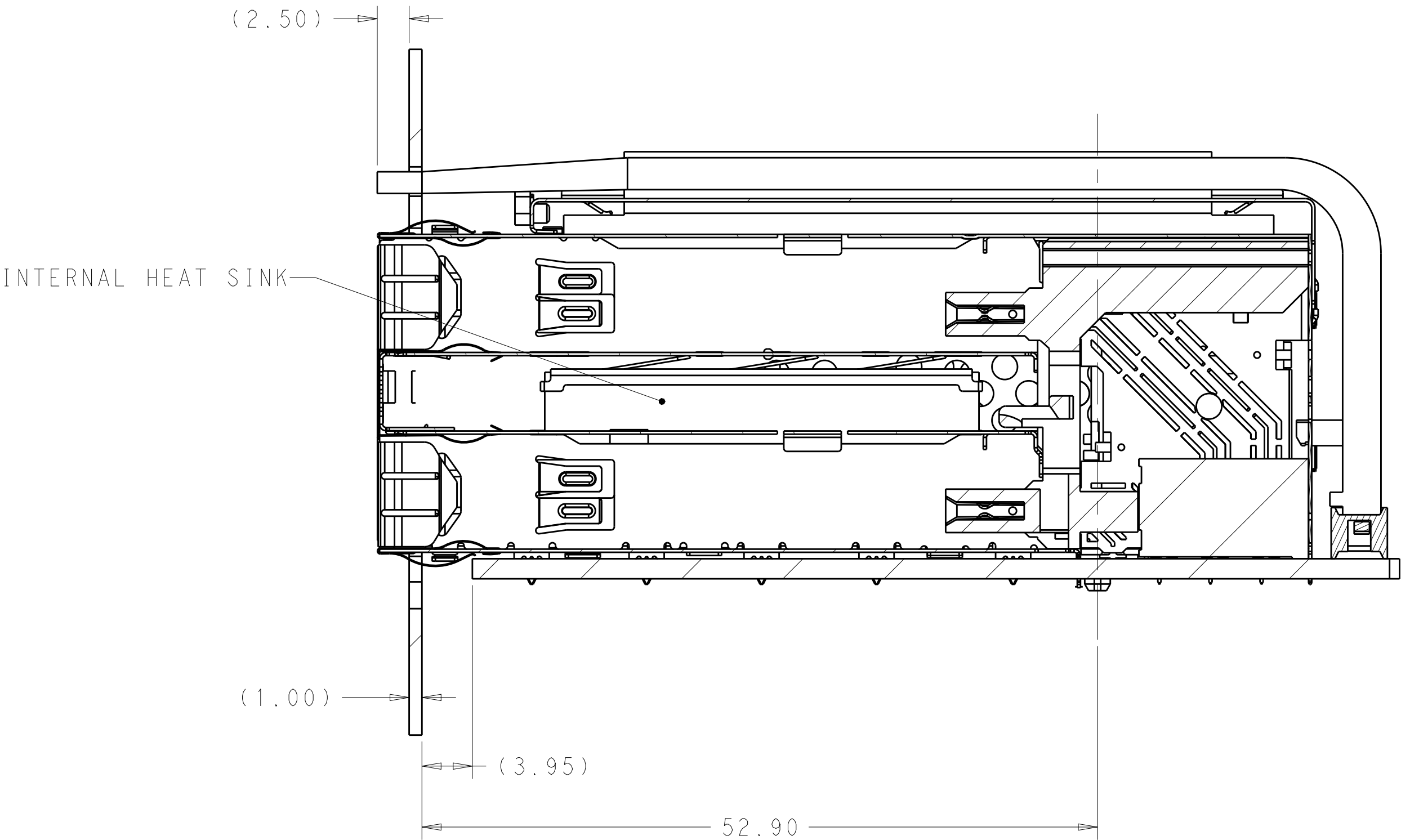
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



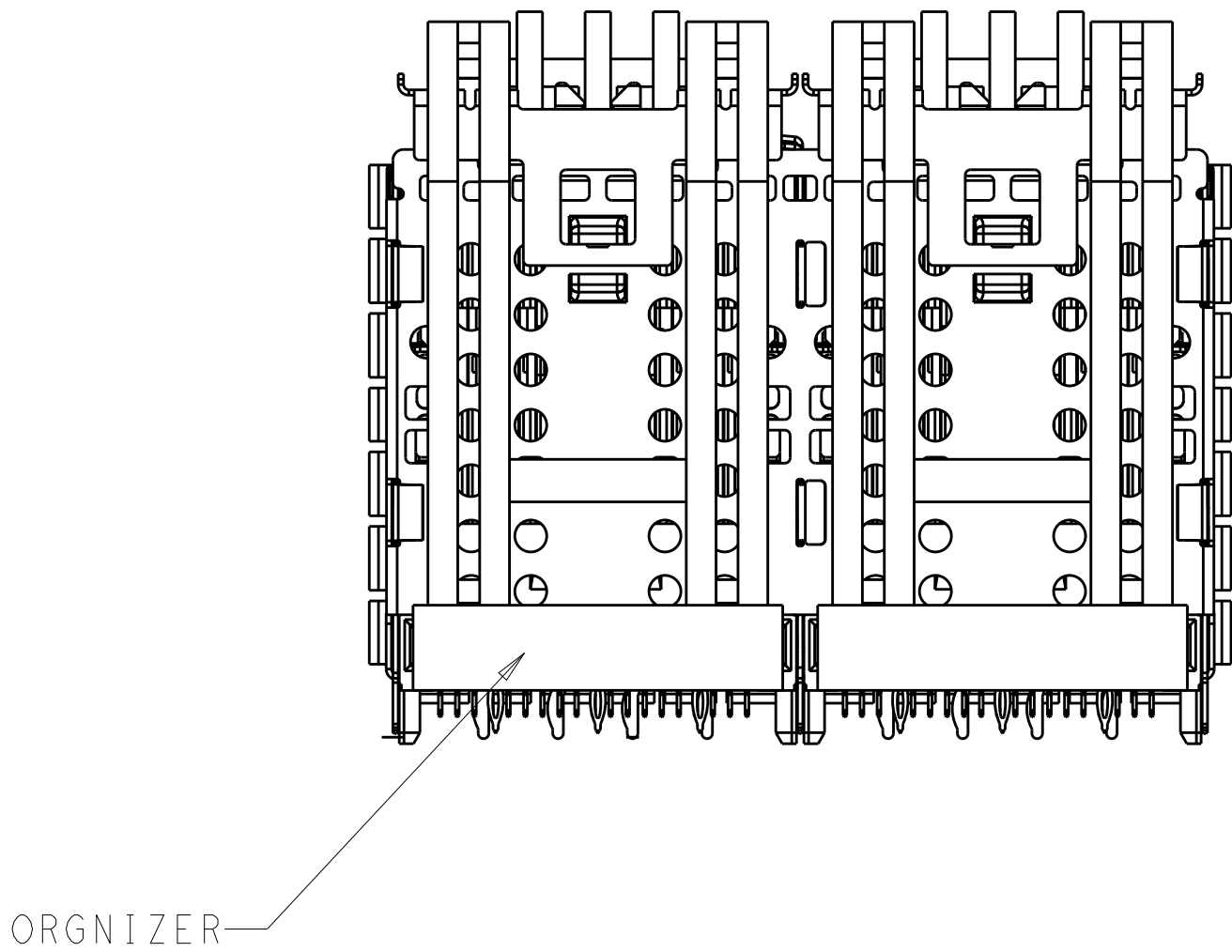
RECOMMENDED PANEL CUTOUT
AND PC BOARD PANEL POSITION
SCALE 5:2



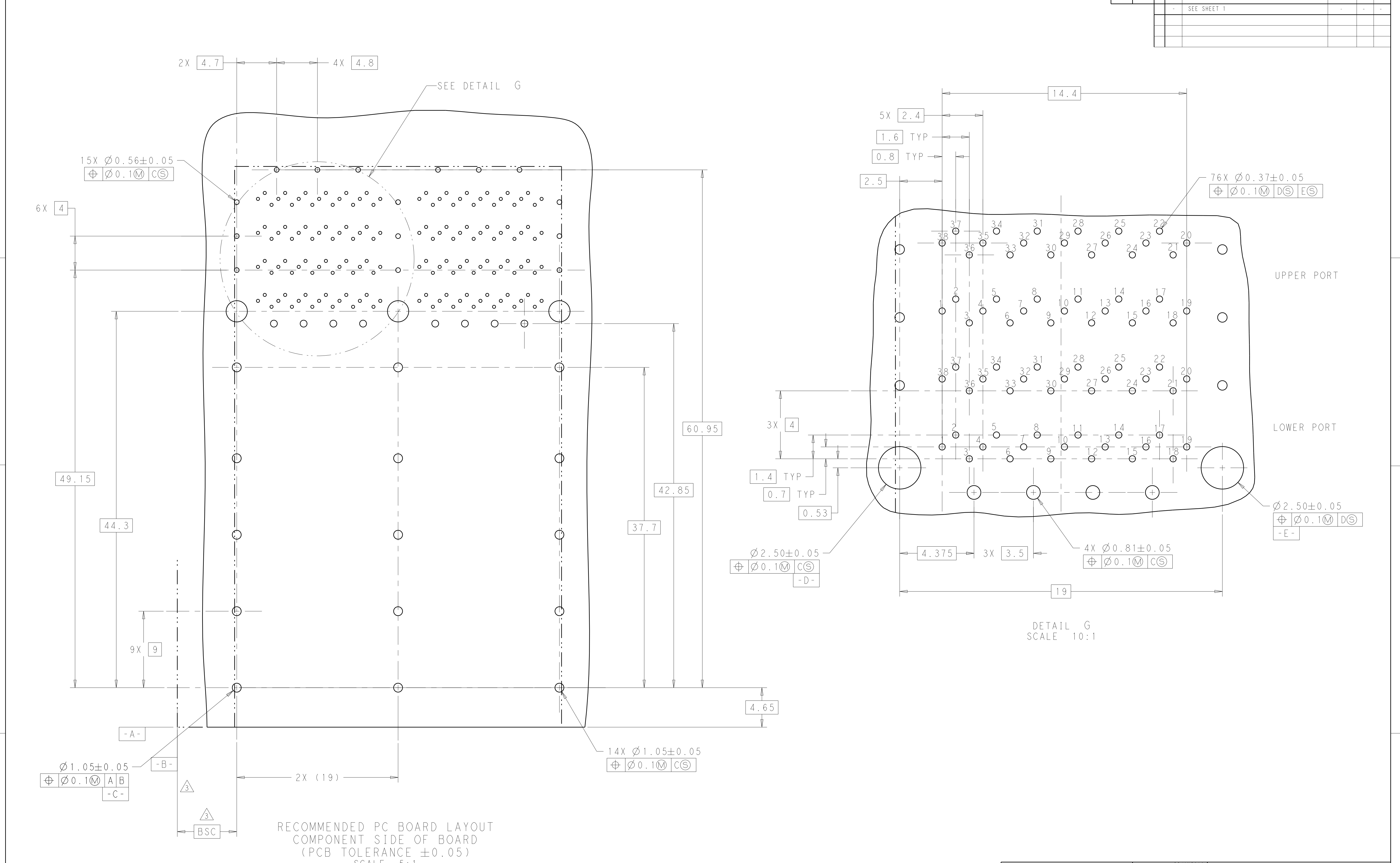
SECTION U-U

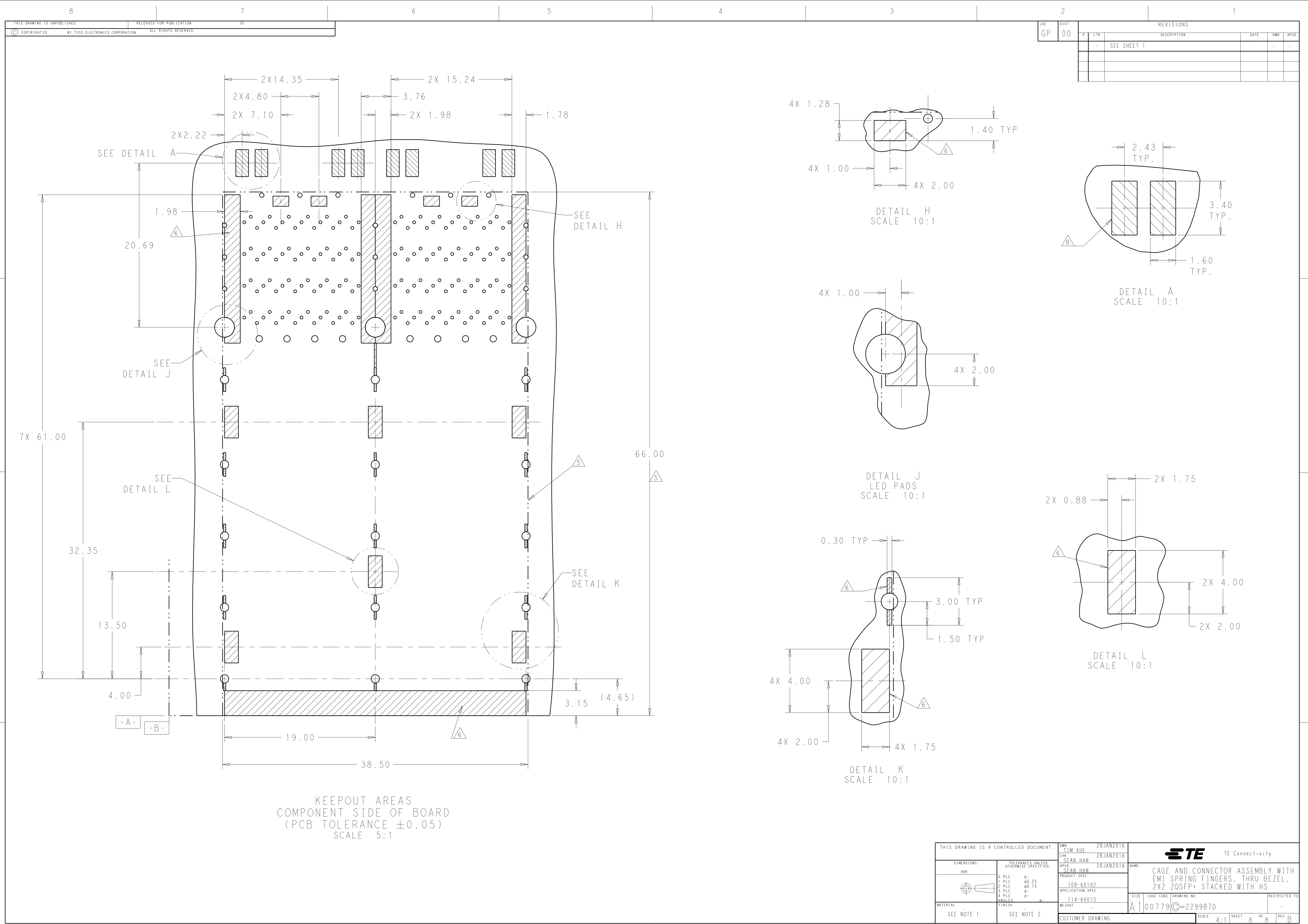


2299870-1 BEZEL LOCATION AS SHOWN
SECTION V-V
SCALE 3:1

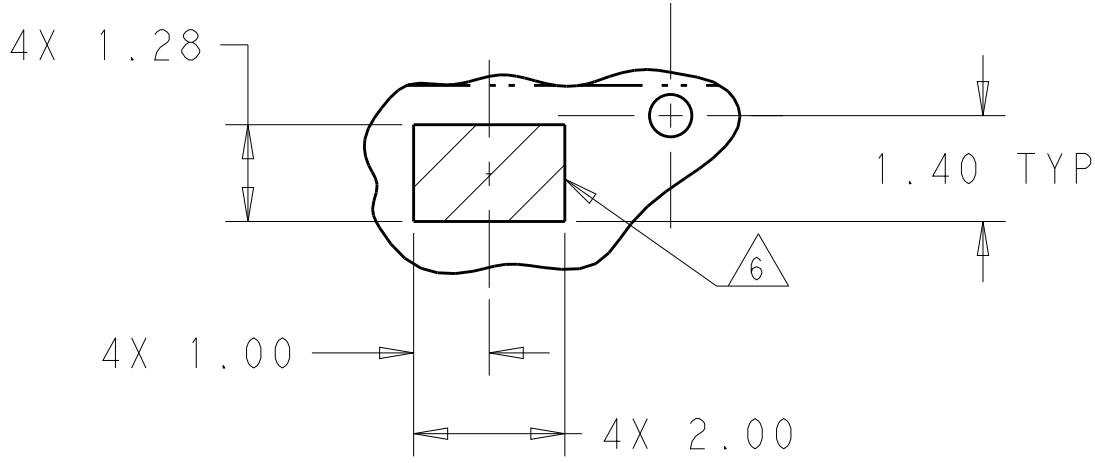


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	28JAN2016	 TE Connectivity			
		CHK SEAN HAN	28JAN2016				
DIMENSIONS:		APVD SEAN HAN	28JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS	RESTRICTED TO		
mm		PRODUCT SPEC					
	0 P/LC 1 P/LC 2 P/LC 3 P/LC 4 P/LC	±0.25 ±0.15 ± ± ±	108-60102	SIZE A1	CAGE CODE 00779	DRAWING NO 2299870	
	ANGLES		APPLICATION SPEC				
	FINISH		114-60015				
	MATERIAL		WEIGHT				
	SEE NOTE 1		SEE NOTE 2				
		CUSTOMER DRAWING		SCALE 4:1	SHEET 6	OF 8	REV B

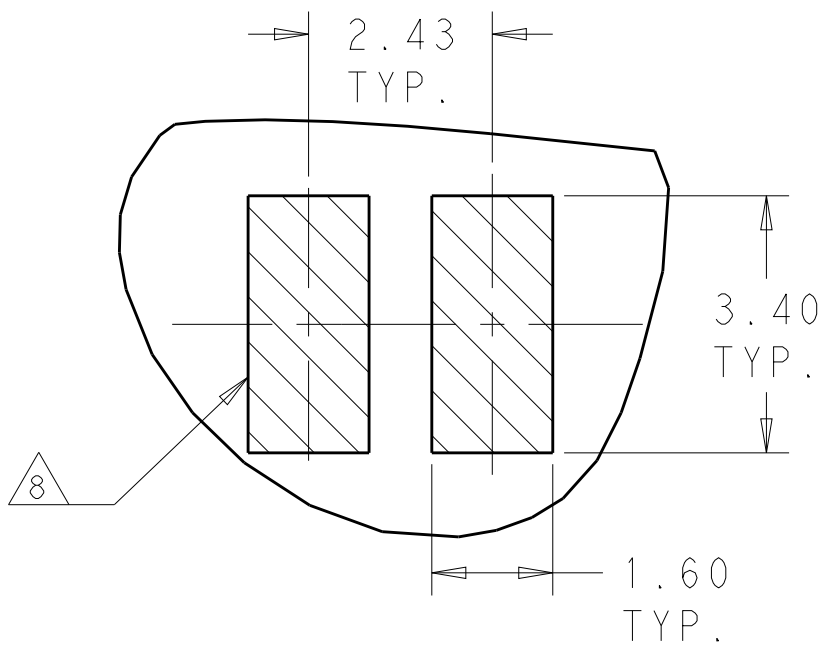




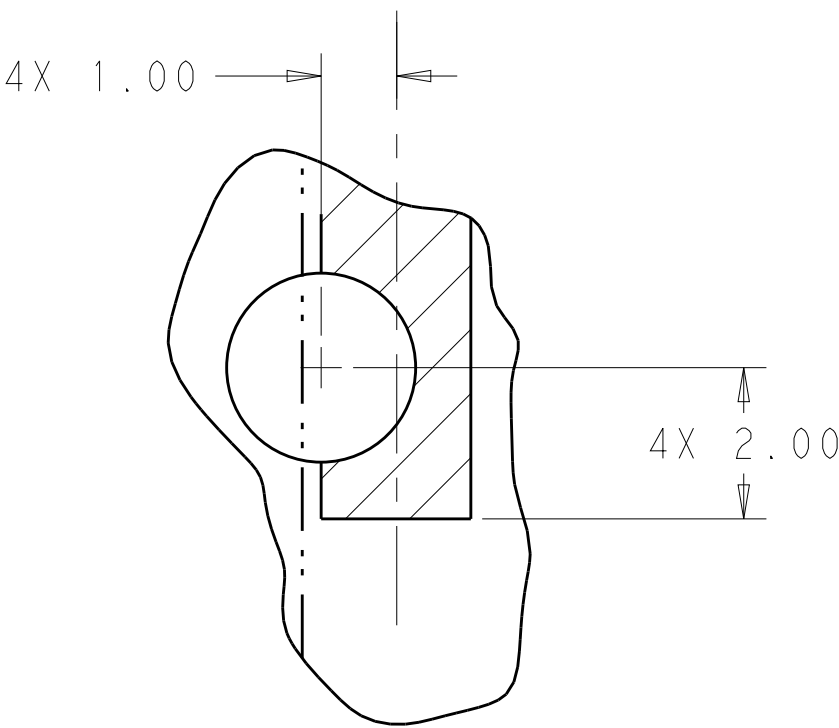
LOC	DIST	REVISONS				
		P	LTR	DESCRIPTION	DATE	OWN
GP	00	-	-	SEE SHEET 1	-	-



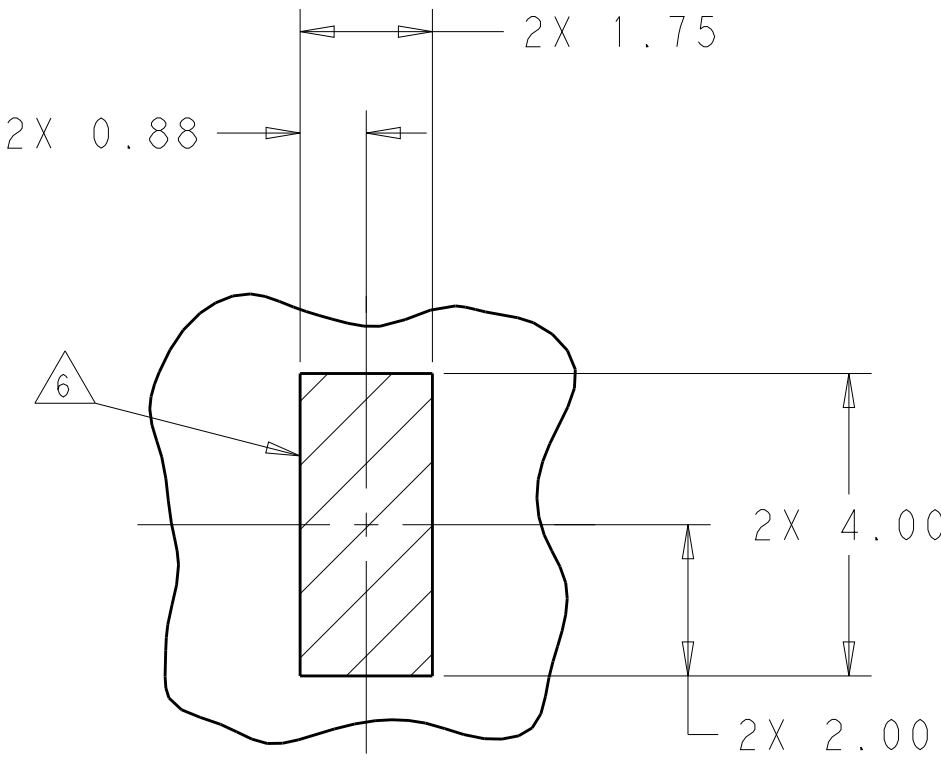
DETAIL H
SCALE 10:1



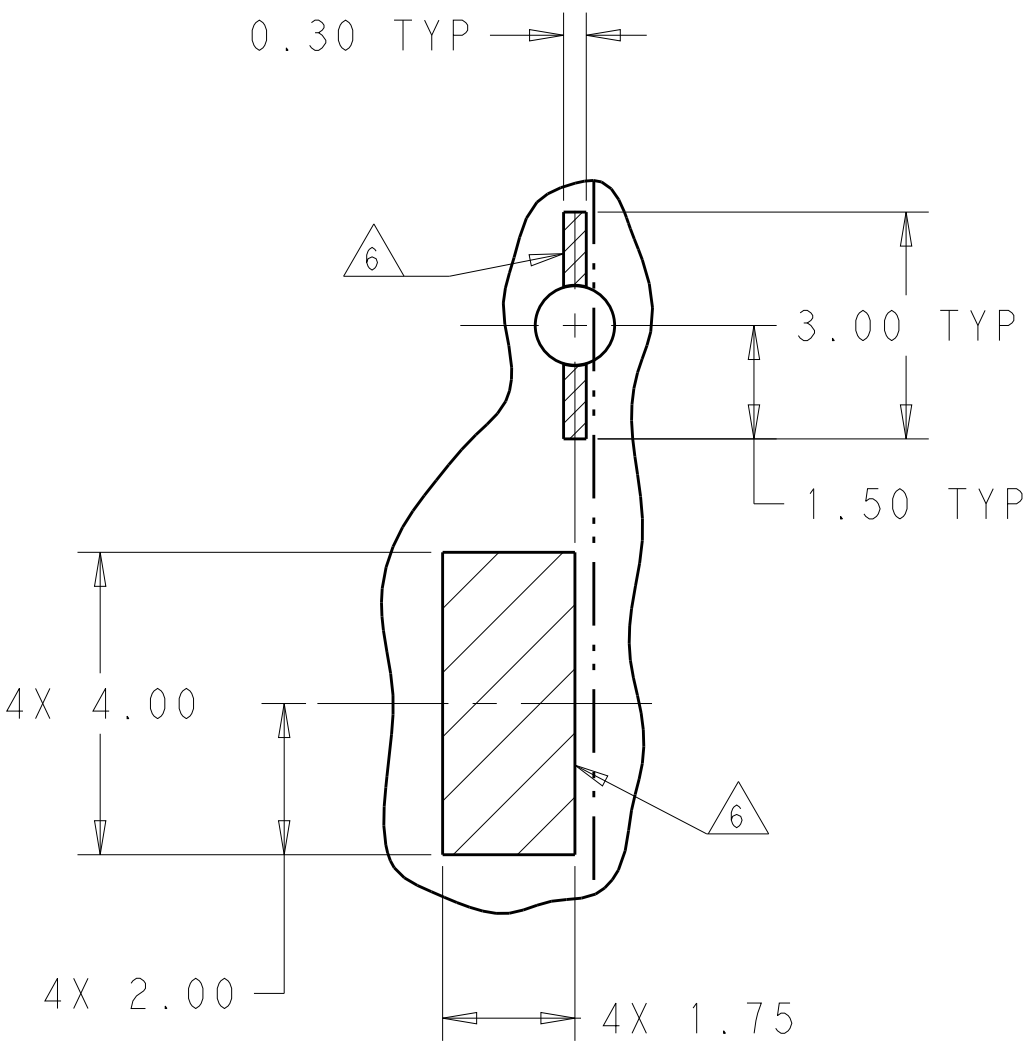
DETAIL A
SCALE 10:1



DETAIL J
LED PADS
SCALE 10:1

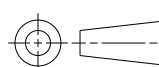


DETAIL L
SCALE 10:1



DETAIL K
SCALE 10:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN TIM XUE 28JAN2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 28JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 28JAN2016	NAME	
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.25	108-60102	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±	114-60015	
MATERIAL	FINISH	WEIGHT	SIZE	
SEE NOTE 1	SEE NOTE 2	-	A100779C=2299870	
CUSTOMER DRAWING		SCALE	4:1	
		SHEET	8 OF 8	
		REV	B	