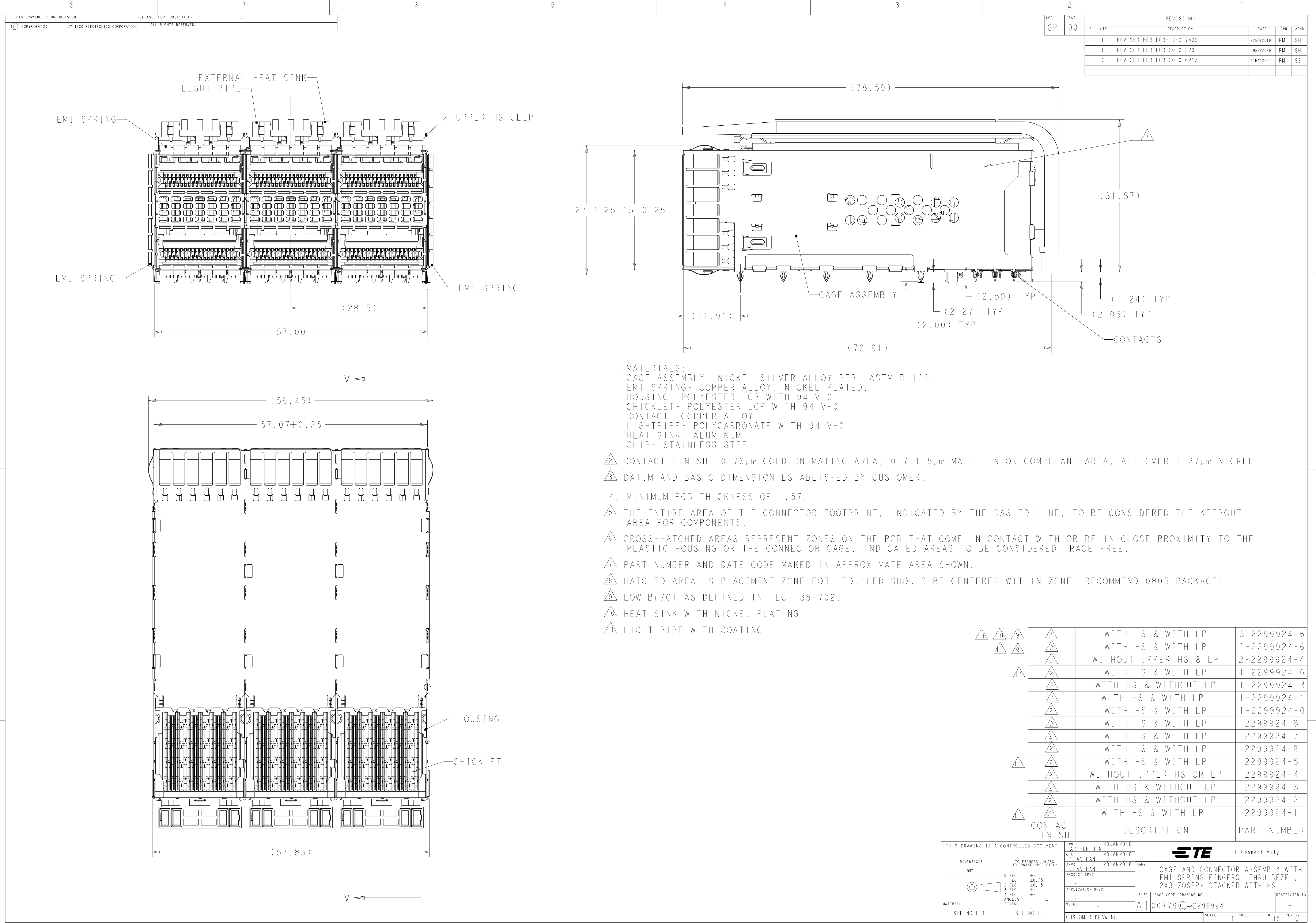


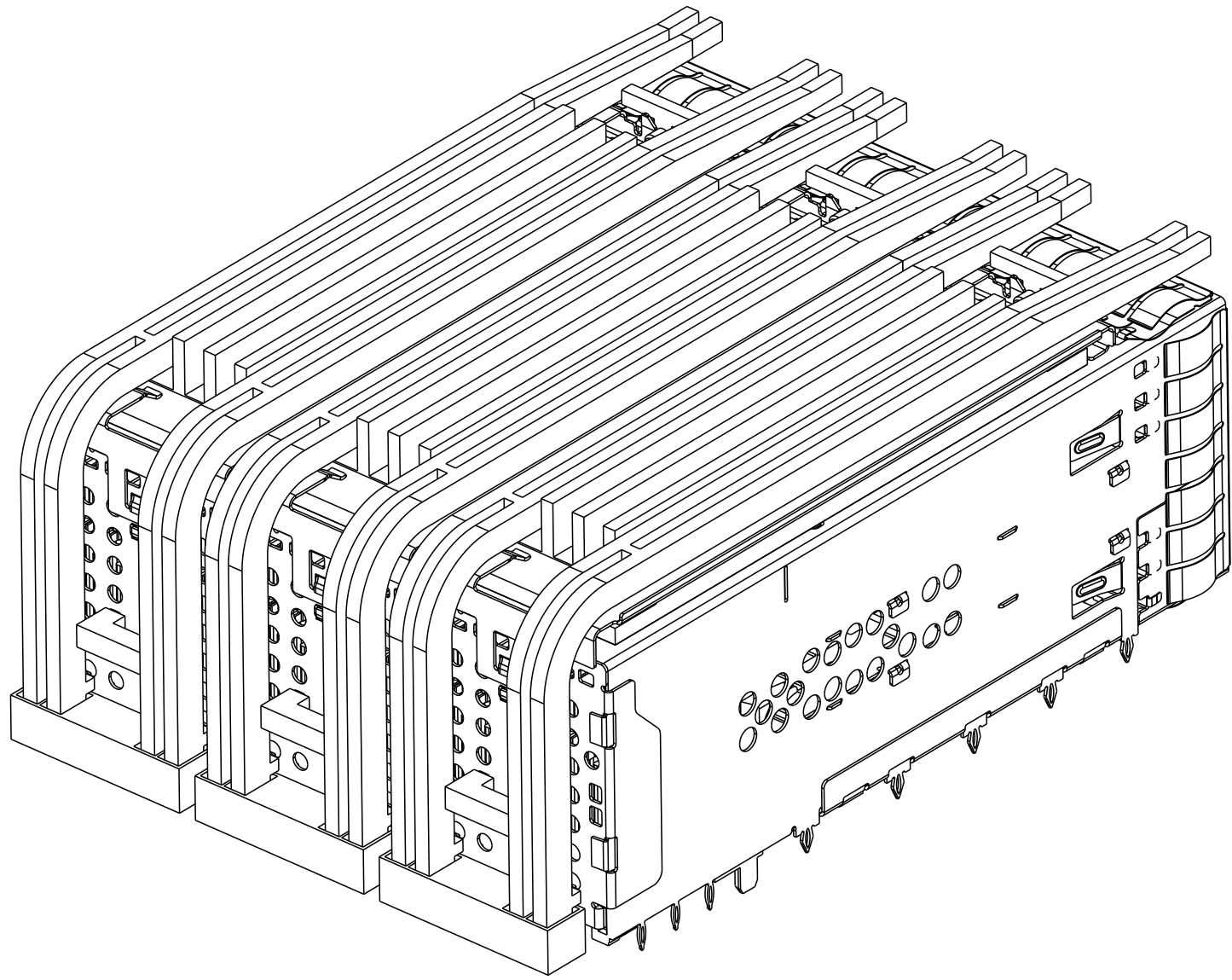


1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94 V-0
CHICKLET- POLYESTER LCP WITH 94 V-0
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94 V-0
HEAT SINK- ALUMINUM
CLIP- STAINLESS STEEL
- 2 CONTACT FINISH: 0.76µm 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.
- 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 LOW Br/CI AS DEFINED IN TEC-138-702.
- 10 HEAT SINK WITH NICKEL PLATING
- 1 LIGHT PIPE WITH COATING

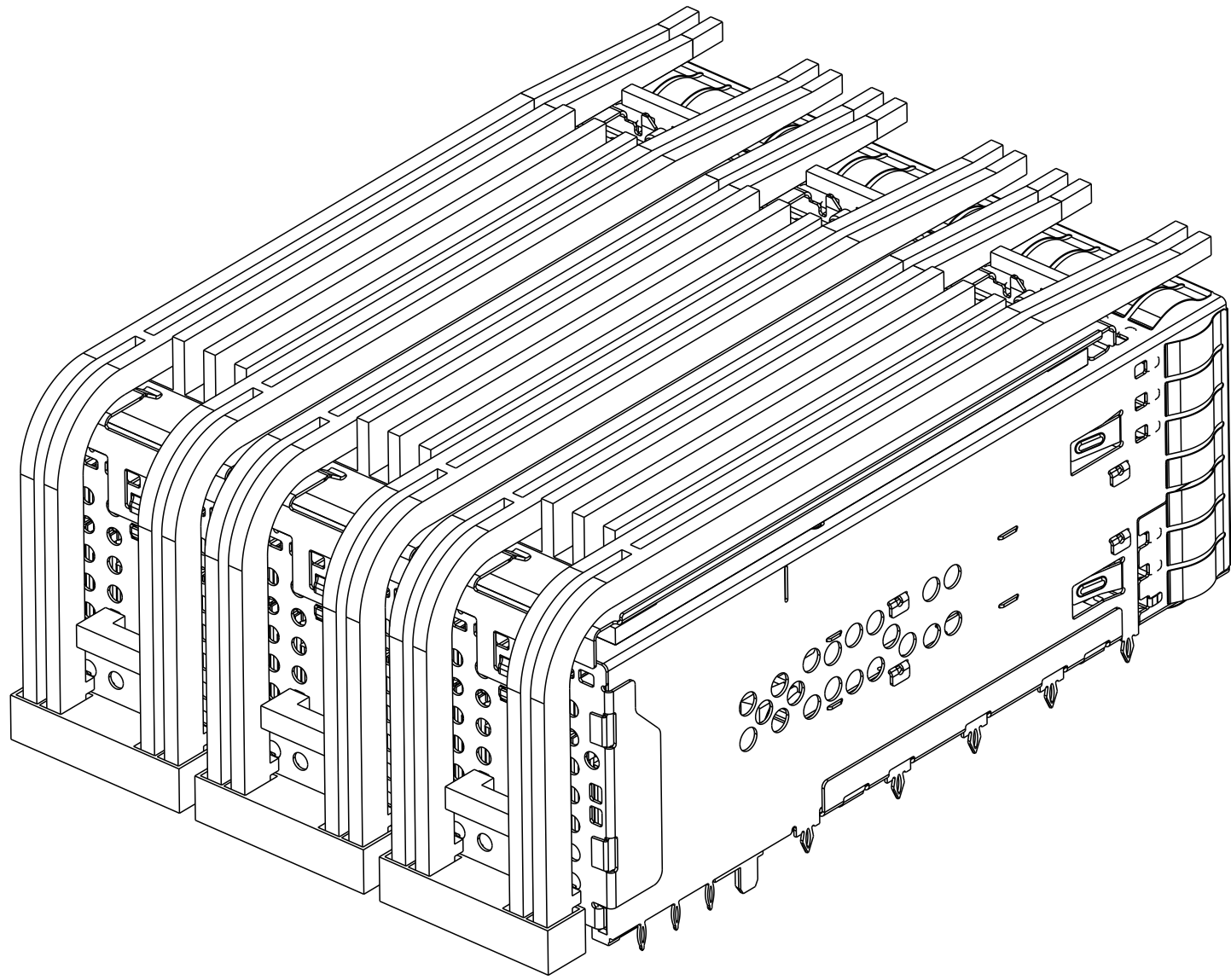
11	10	9	2	WITH HS & WITH LP	3-2299924-6
			2	WITH HS & WITH LP	2-2299924-6
11	1	9	2	WITHOUT UPPER HS & LP	2-2299924-4
			2	WITH HS & WITH LP	1-2299924-6
11	1	9	2	WITH HS & WITHOUT LP	1-2299924-3
			2	WITH HS & WITH LP	1-2299924-1
11	1	9	2	WITH HS & WITH LP	1-2299924-0
			2	WITH HS & WITH LP	2299924-8
11	1	9	2	WITH HS & WITH LP	2299924-7
			2	WITH HS & WITH LP	2299924-6
11	1	9	2	WITH HS & WITH LP	2299924-5
			2	WITHOUT UPPER HS OR LP	2299924-4
11	1	9	2	WITH HS & WITHOUT LP	2299924-3
			2	WITH HS & WITHOUT LP	2299924-2
11	1	9	2	WITH HS & WITH LP	2299924-1
			2	WITH HS & WITH LP	2299924-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ARTHUR JIN 20JAN2016	TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 20JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 20JAN2016		
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.15 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	SIZE A1	CAGE CODE 100779
MATERIAL SEE NOTE 1	FINISH SEE NOTE 2		DRAWING NO G=2299924	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 1:1		SHEET 1 OF 10
				REV G

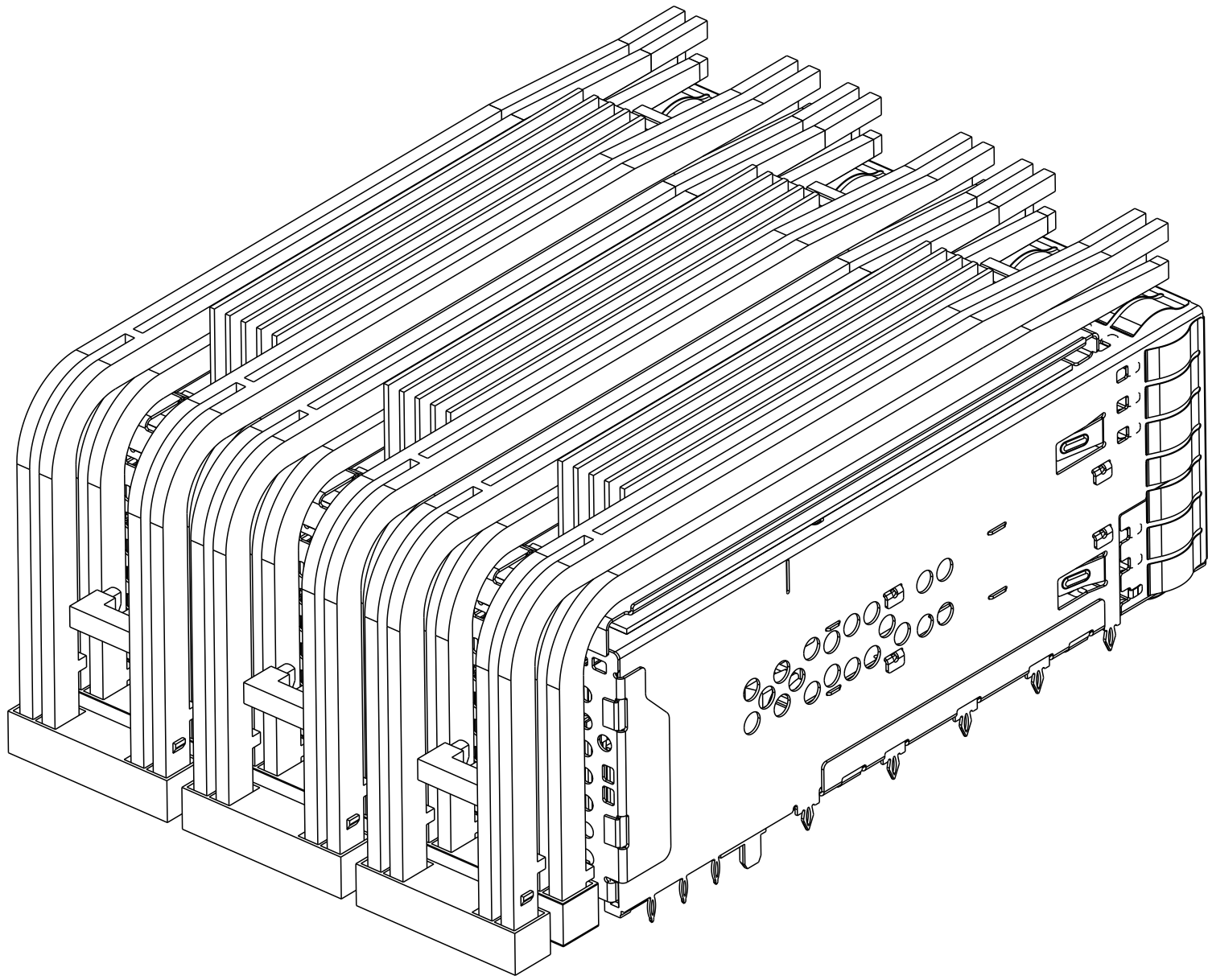
LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



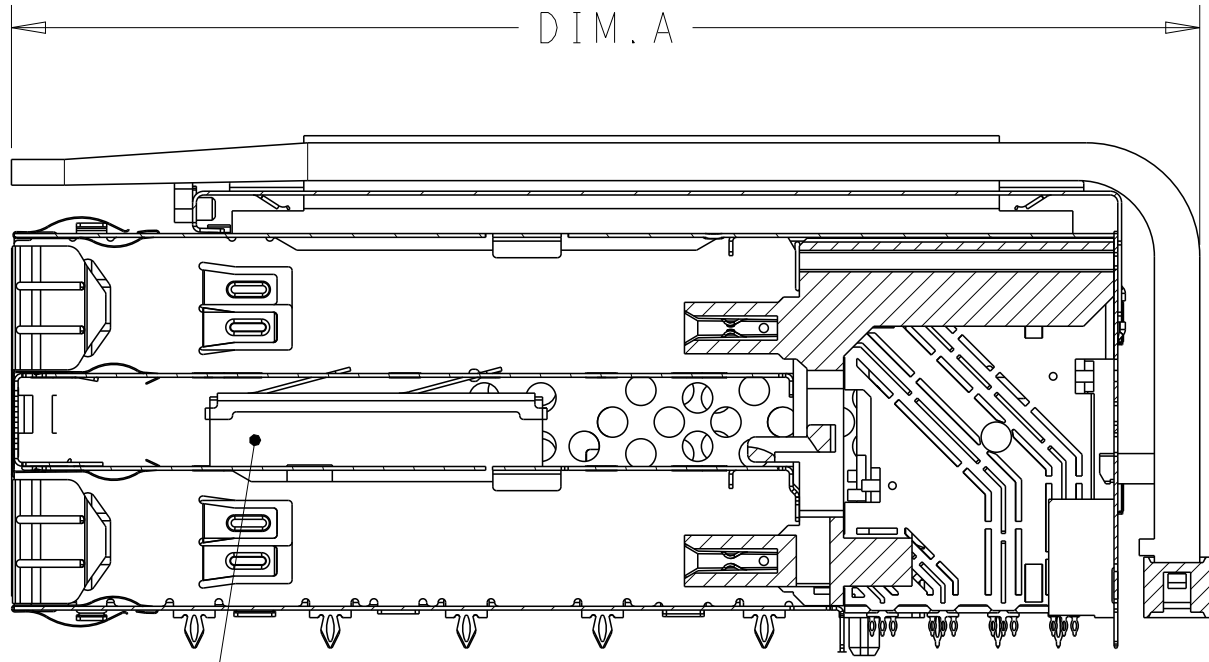
2299924-1
1-2299924-1
AS SHOWN
SCALE 2:1



2299924-5 AS SHOWN
HAS THE SAME APPEARANCE WITH 2299924-1
BUT DIFFERENT INTERNAL HEAT SINK
SCALE 2:1



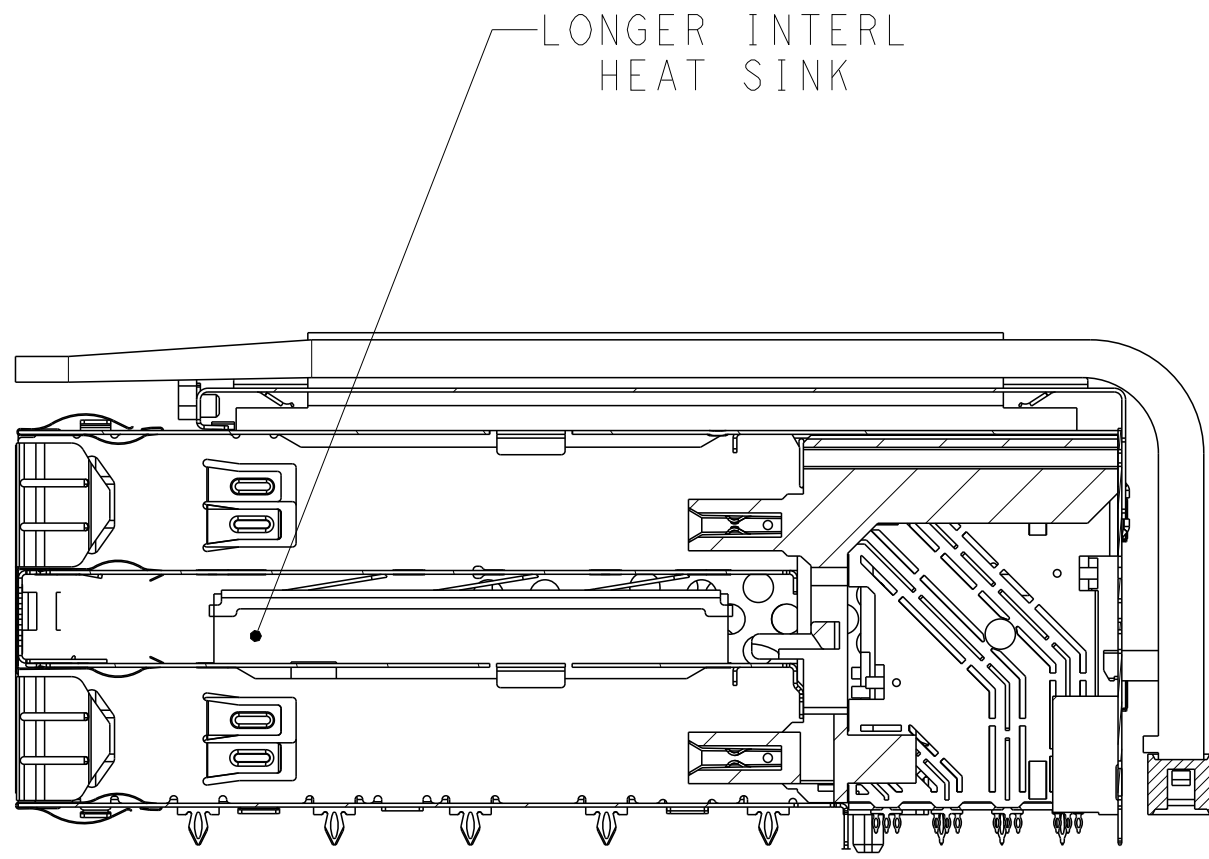
2299924-7
SCALE 2:1



SHORT INTERNAL
HEAT SINK

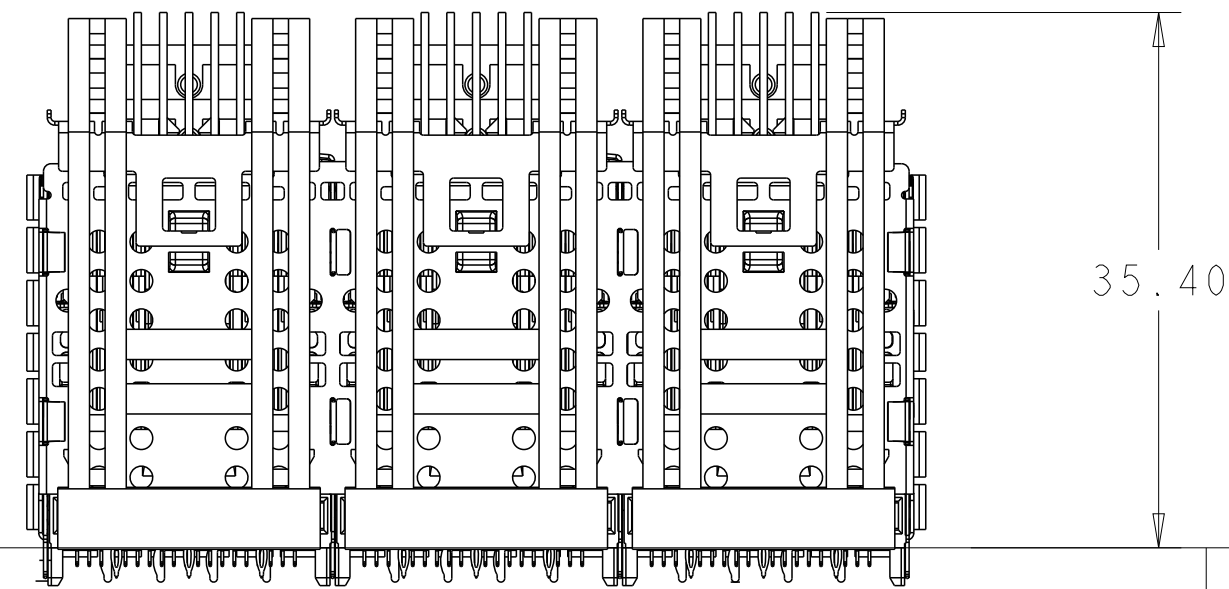
2299924-1
1-2299924-1
SECTION VIEW
SECTION V-V
SCALE 2:1

75.3	1-2299924-1
78.59	2299924-1
DIM.A	PART NUMBER



LONGER INTERL
HEAT SINK

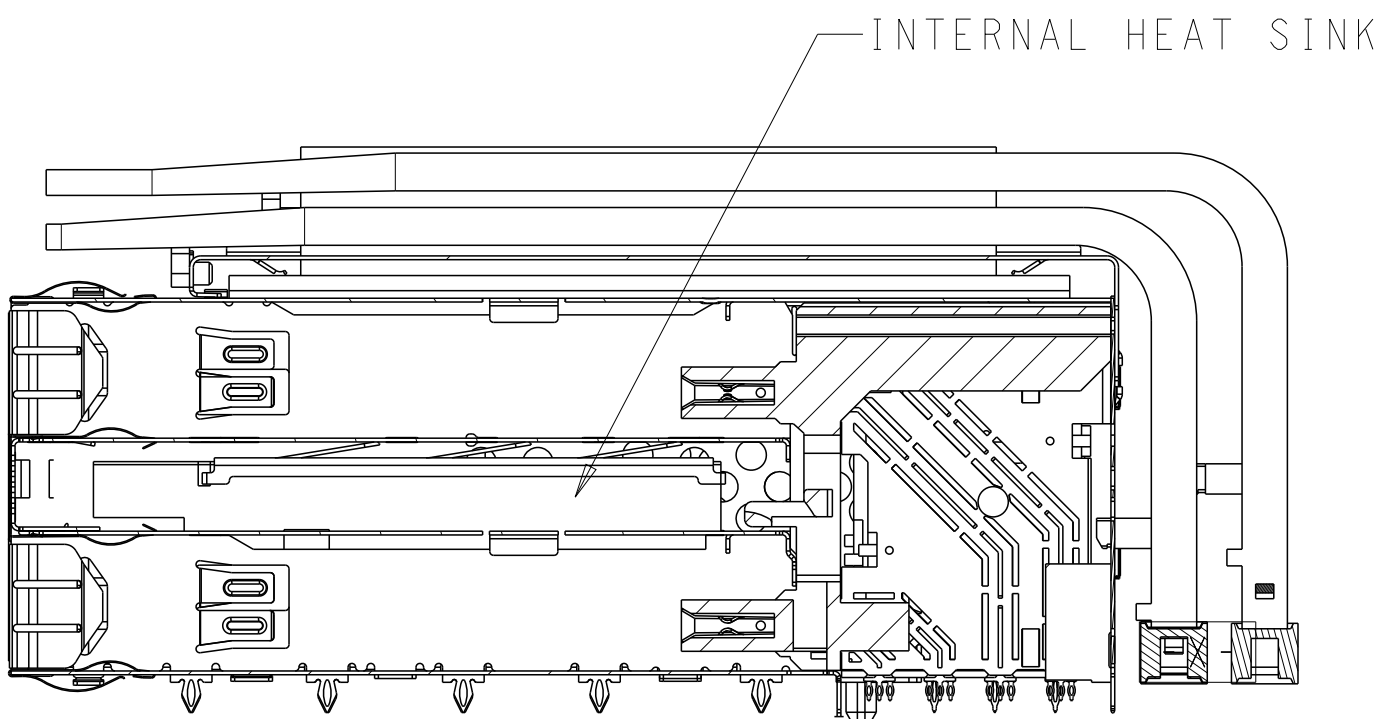
2299924-5 SECTION VIEW
THE SAME AS 2299924-1 EXCEPT THE LONGER INTER HEAT SINK
SECTION V-V
SCALE 2:1



35.40

- A -

2299924-7
SCALE 2:1

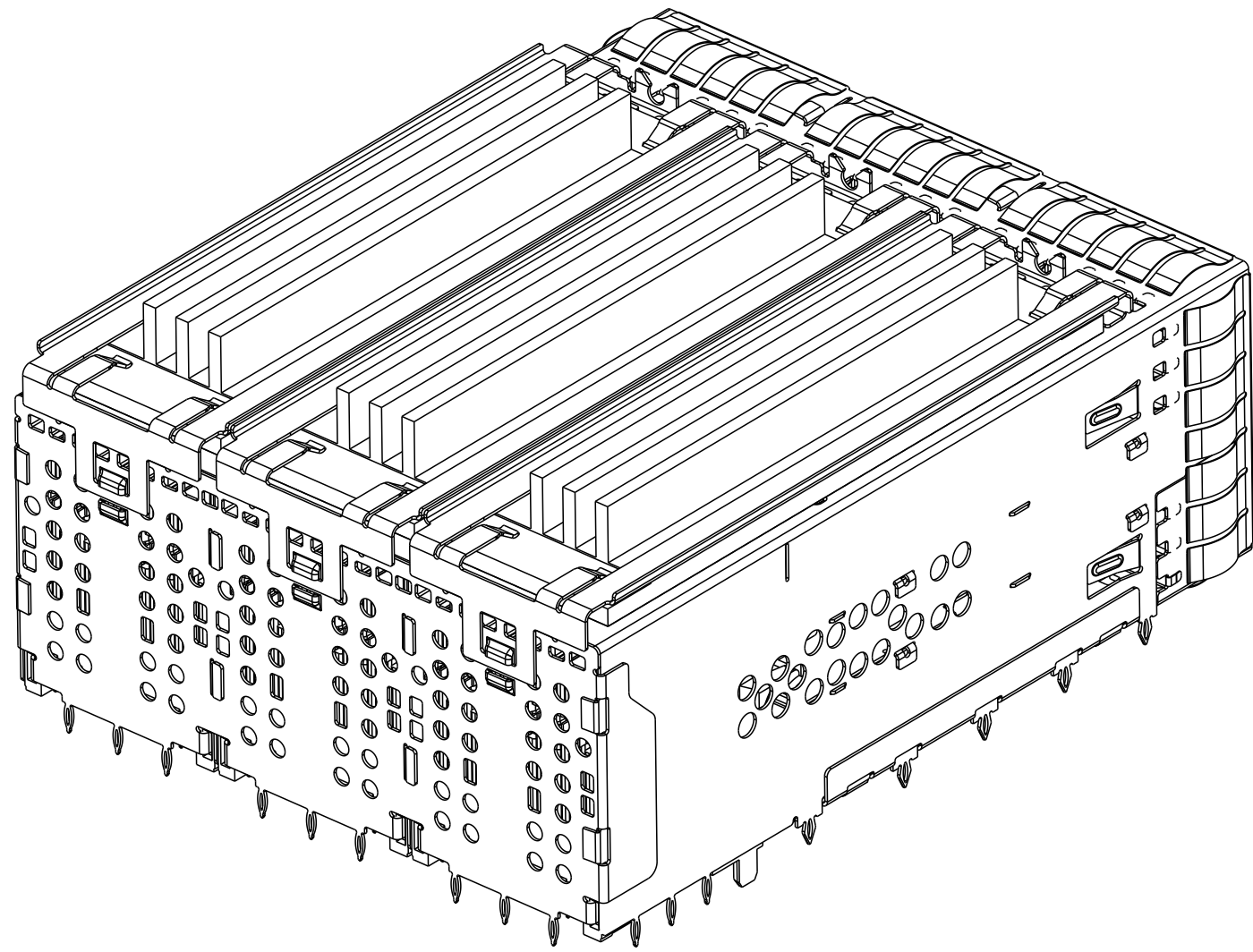


INTERNAL HEAT SINK

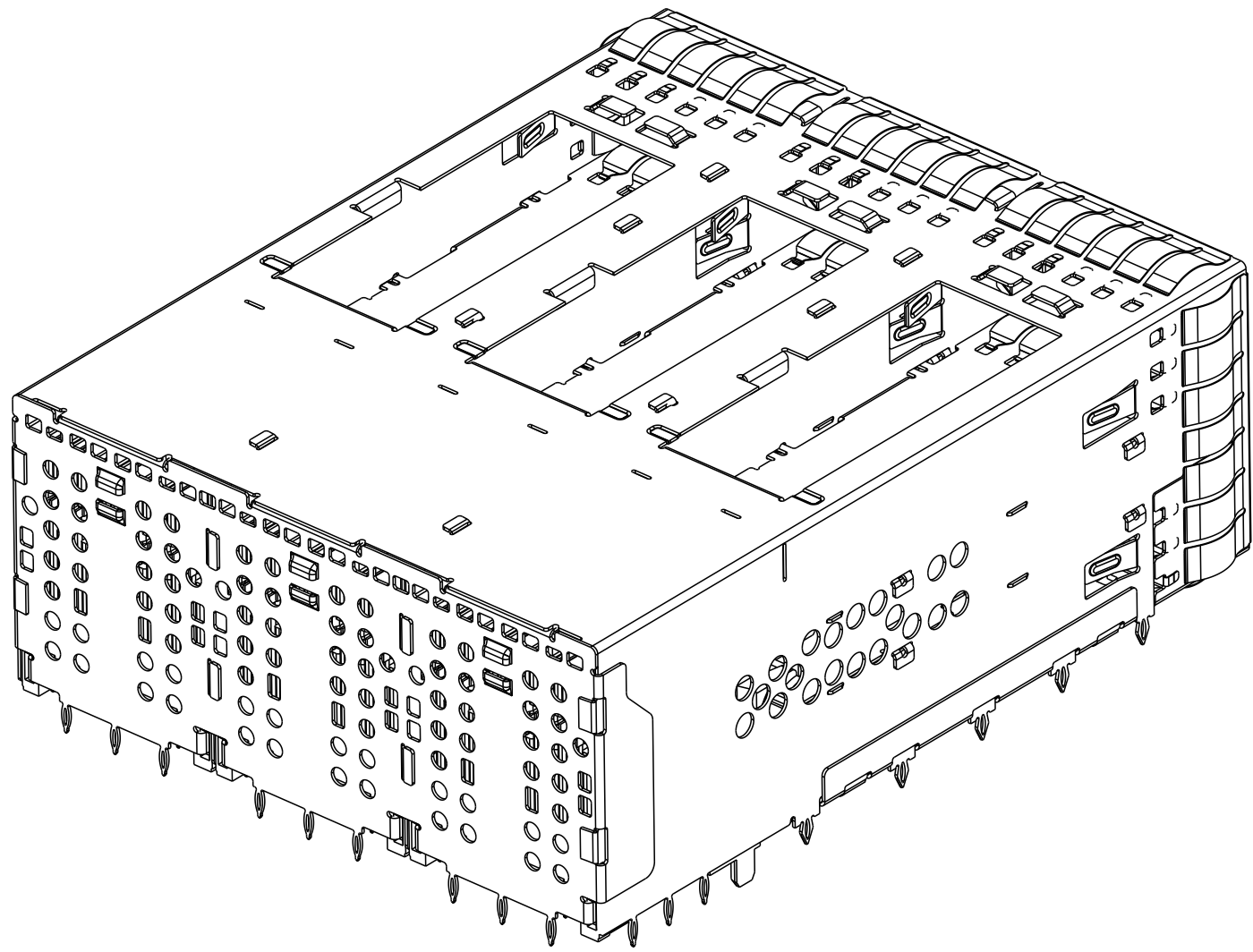
2299924-7
SECTION V-V
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 20JAN2016	 TE Connectivity	
		CHK SEAN HAN 20JAN2016		
DIMENSIONS:		APVD SEAN HAN 20JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS
mm		PRODUCT SPEC		
		APPLICATION SPEC		
MATERIAL		WEIGHT	SIZE	RESTRICTED TO
SEE NOTE 1		SEE NOTE 2	A100779C=2299924	-
		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 10 REV G

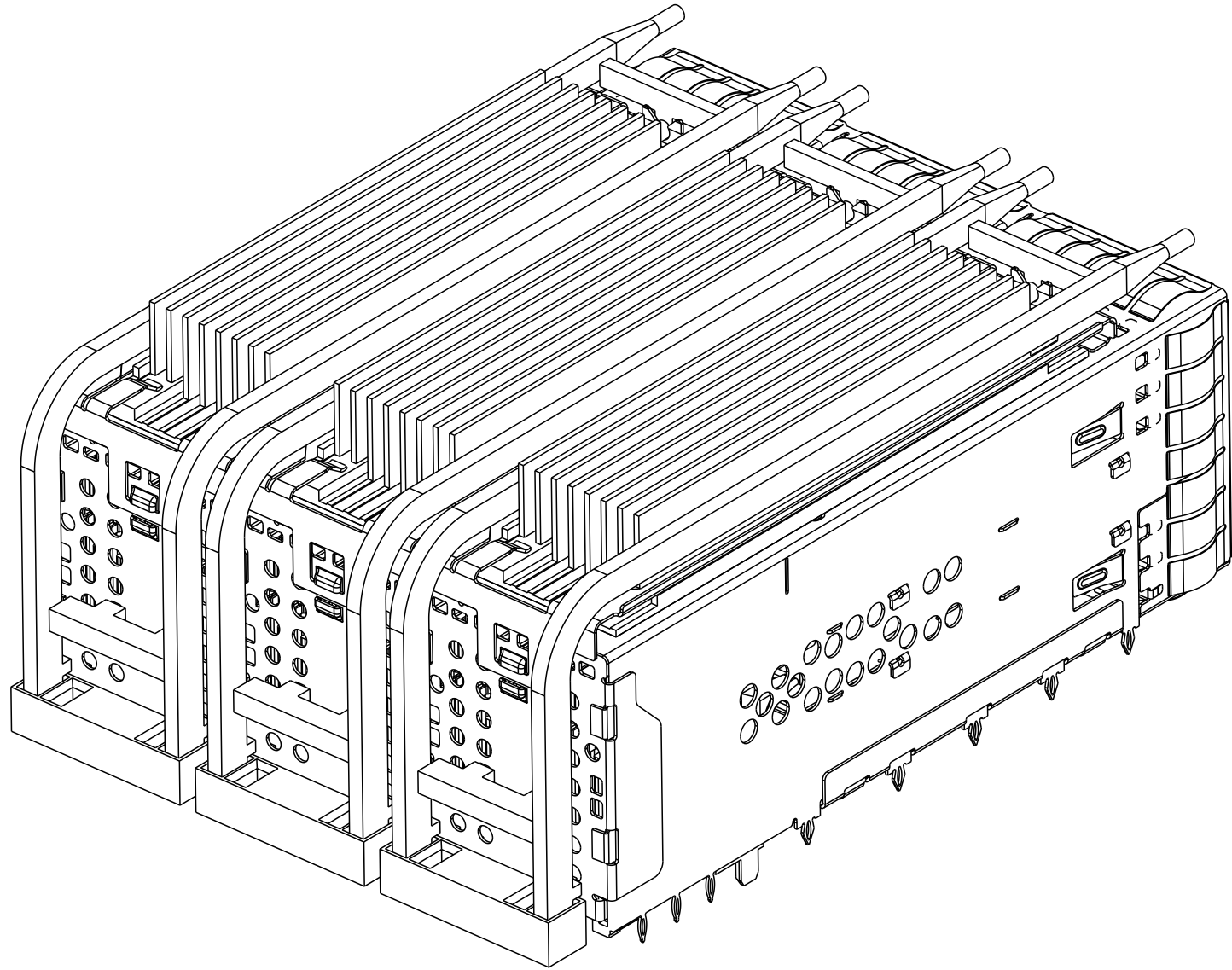
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
				-		SEE SHEET 1	-	-	-	



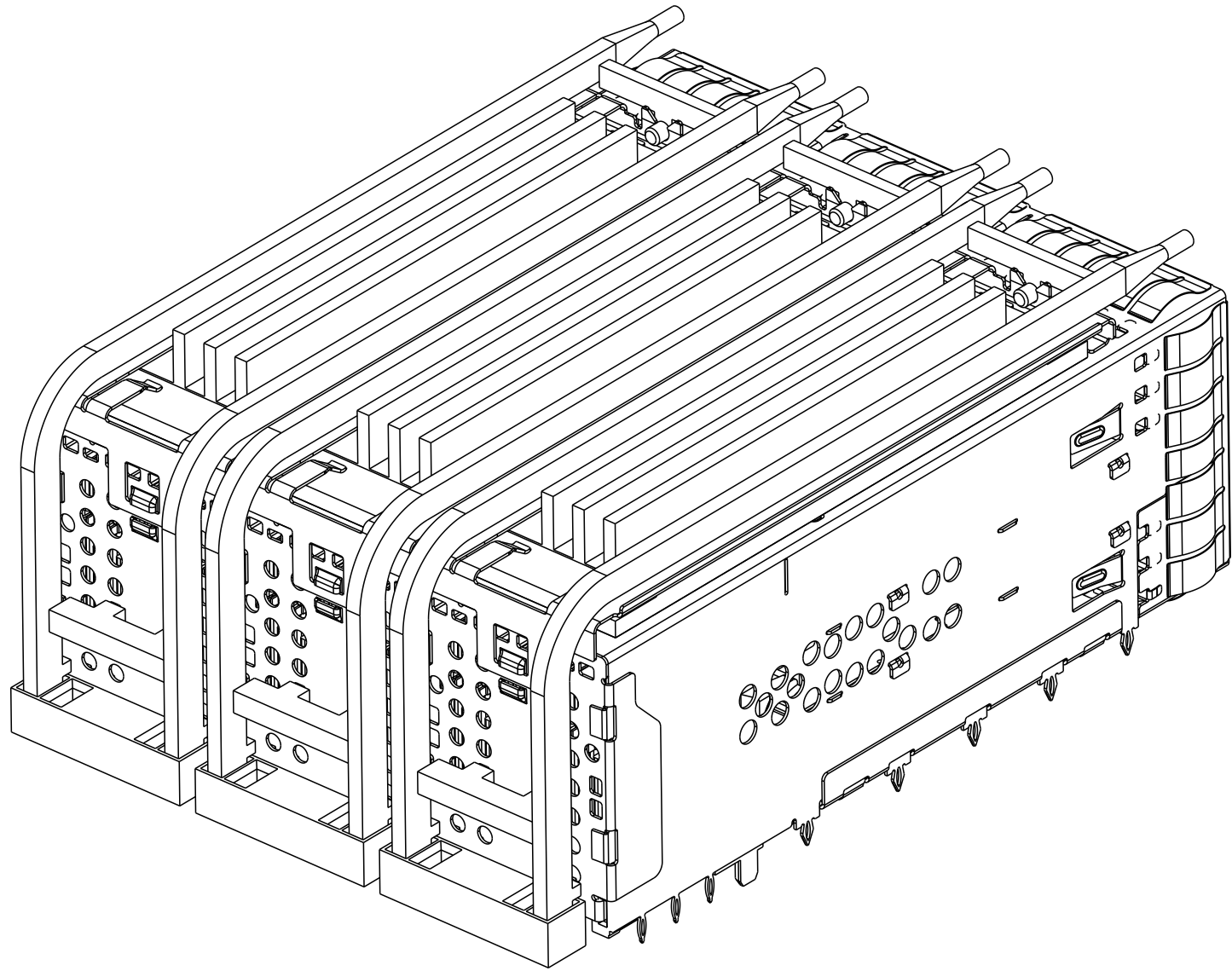
2299924-2 AS SHOWN
THE SAME AS 2299924-5 EXCEPT
W/O LIGHT PIPE AND ORGANIZER
SCALE 2:1



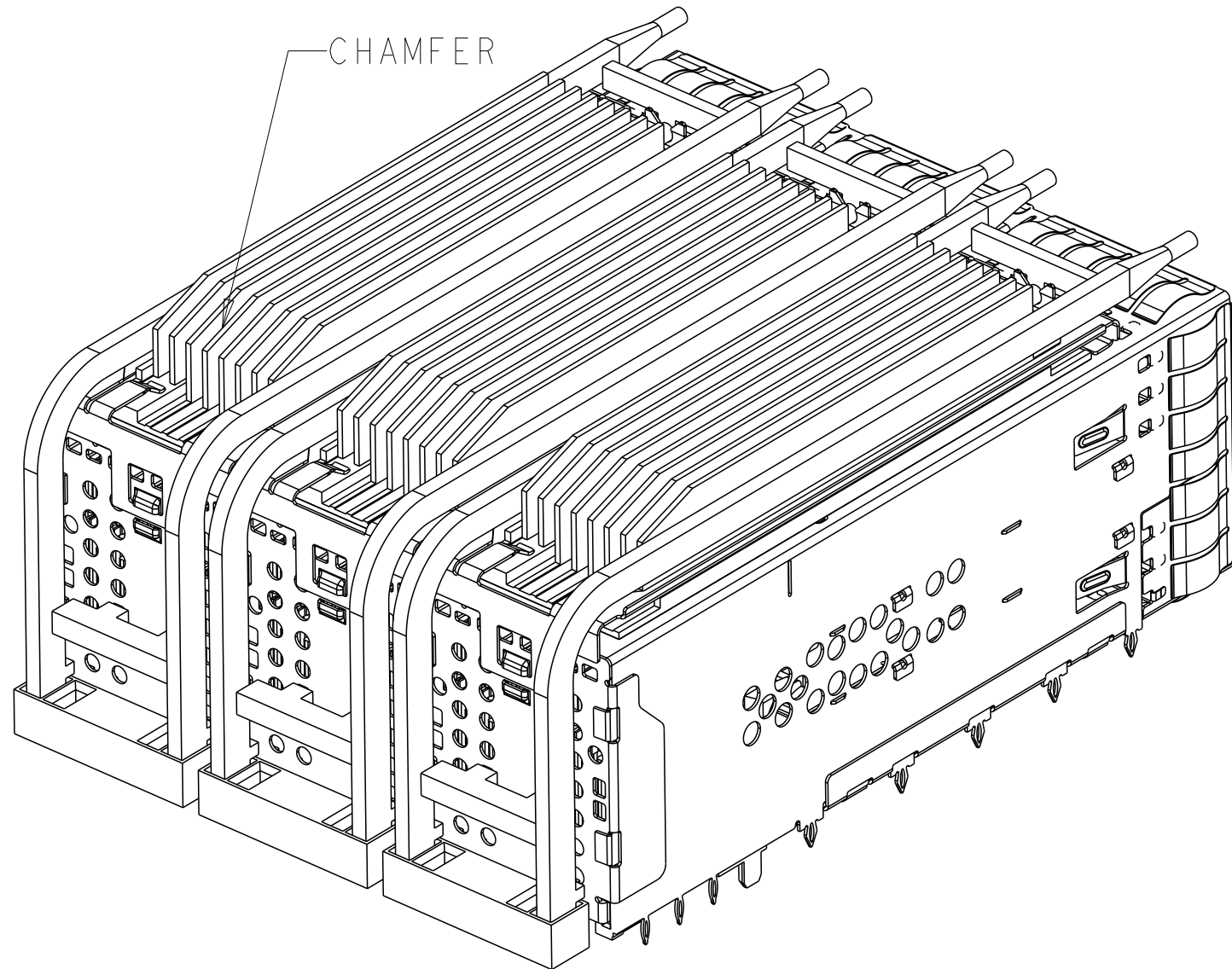
2299924-4 AS SHOWN
THE SAME AS 2299924-2 EXCEPT
WITHOUT EXTERNAL HEAT SINK AND LP
SCALE 2:1



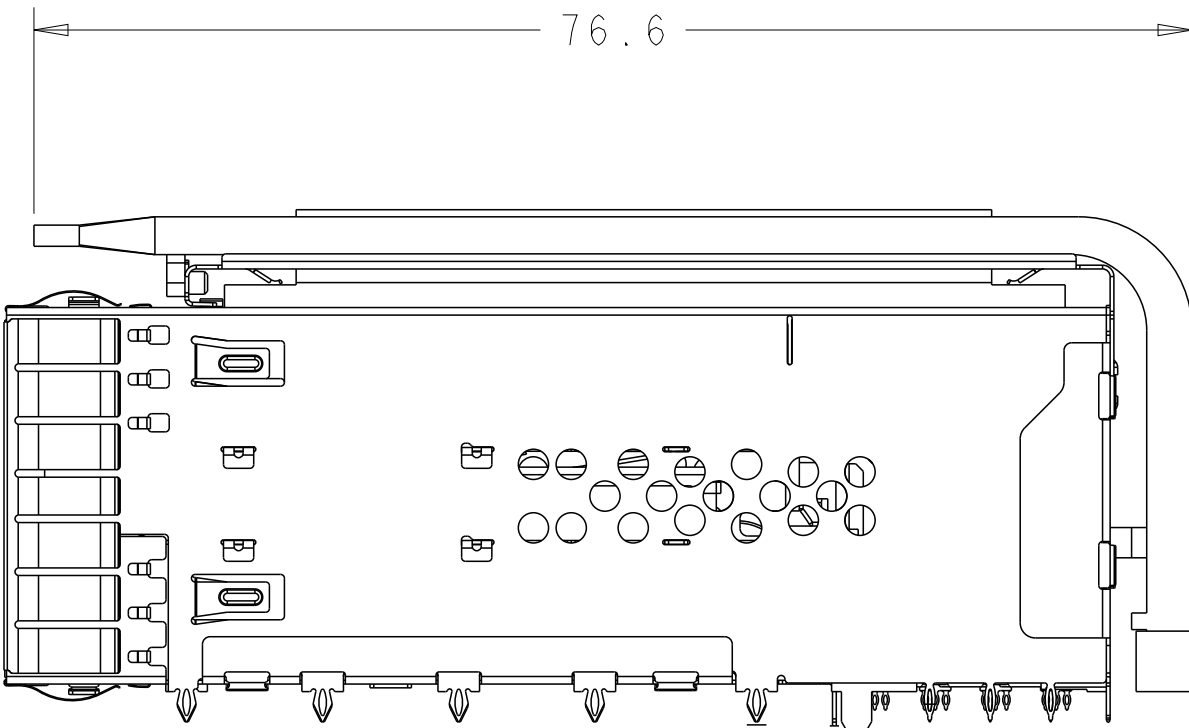
2299924-6
SCALE 2:1



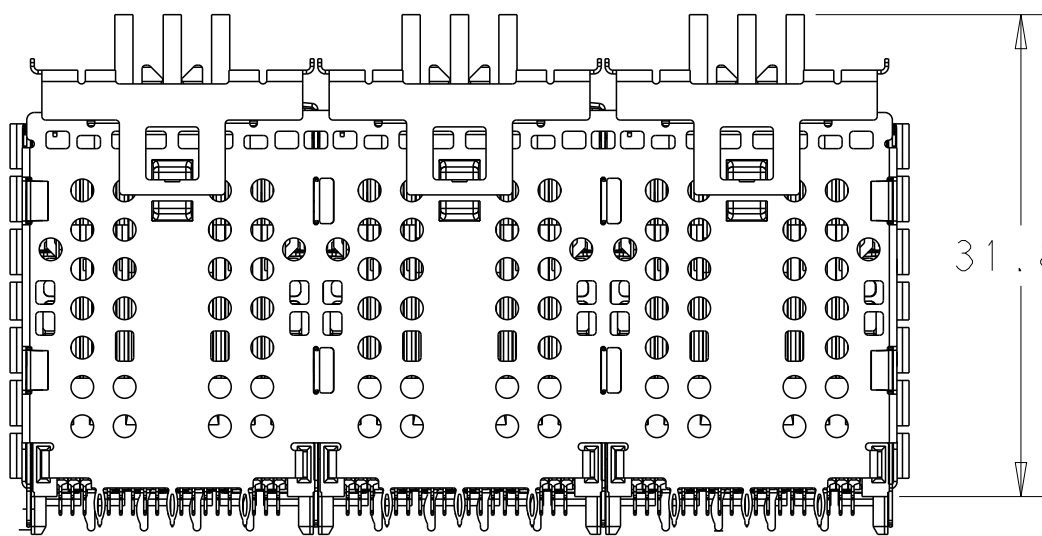
1-2299924-0
SCALE 2:1



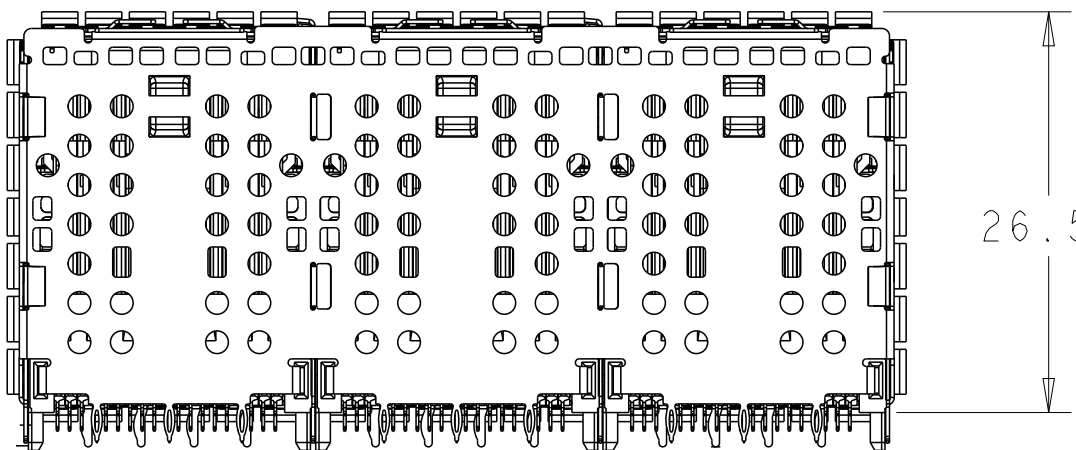
1-2299924-6
2-2299924-6
SCALE 2:1



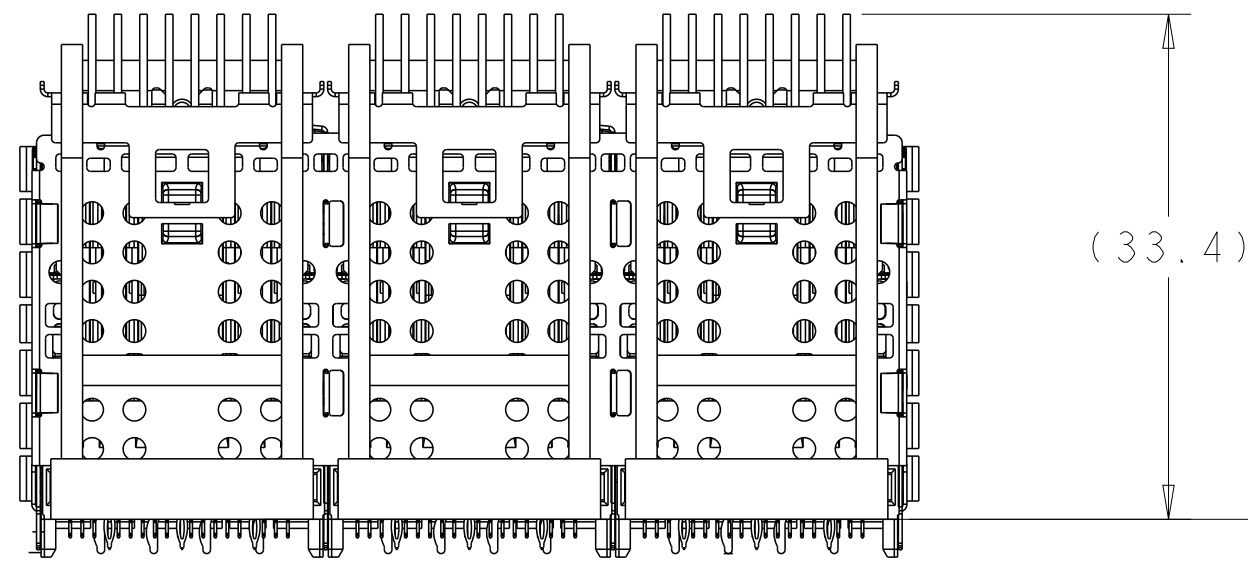
SCALE 2:1



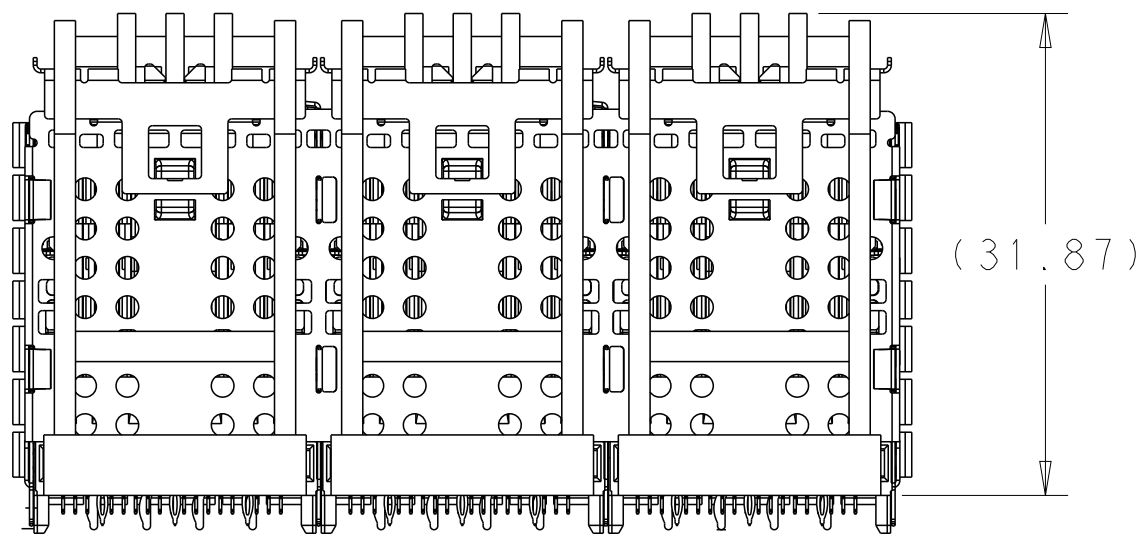
2299924-2
SCALE 2:1



2299924-4
SCALE 2:1



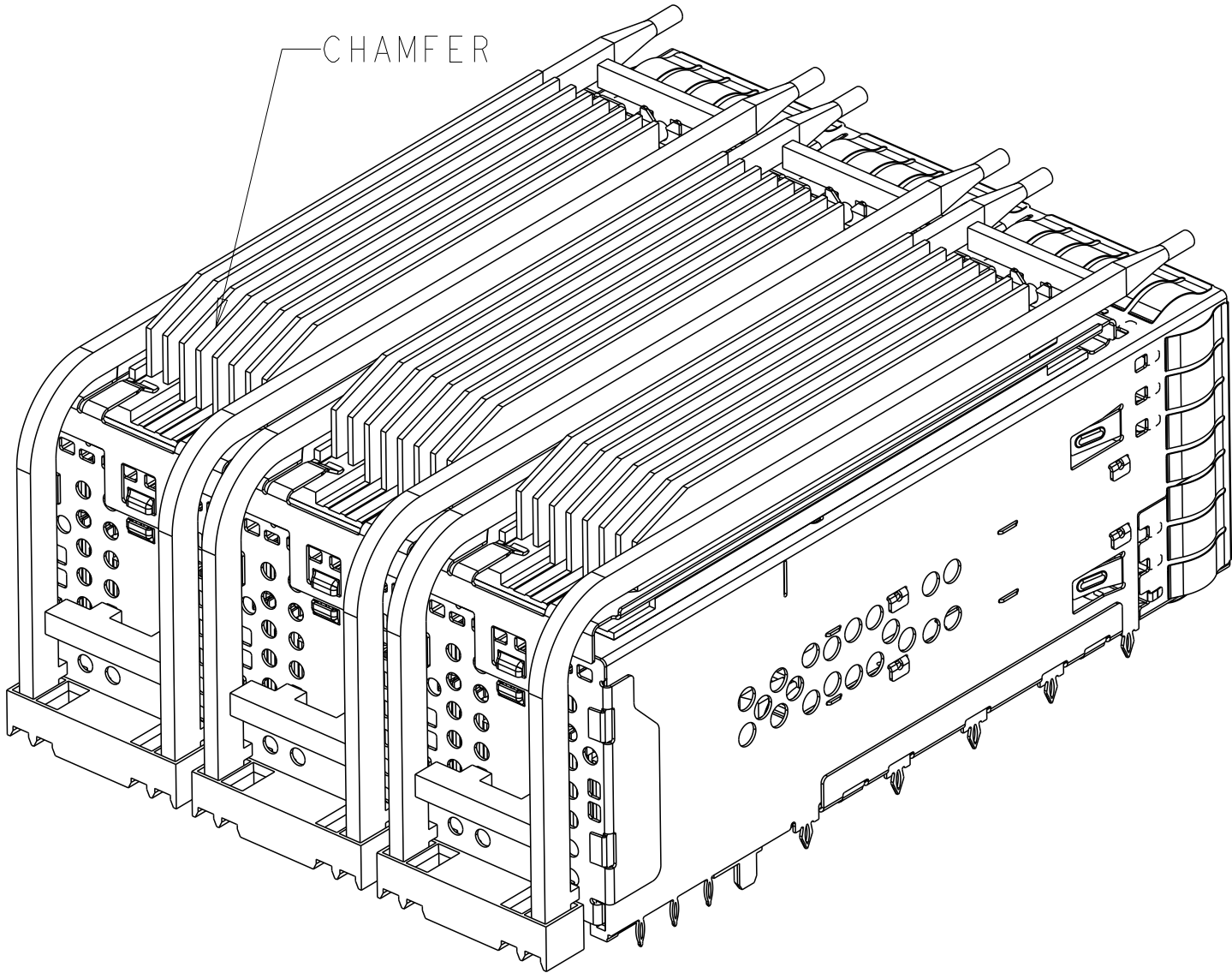
2299924-6
1-2299924-6
2-2299924-6
SCALE 2:1



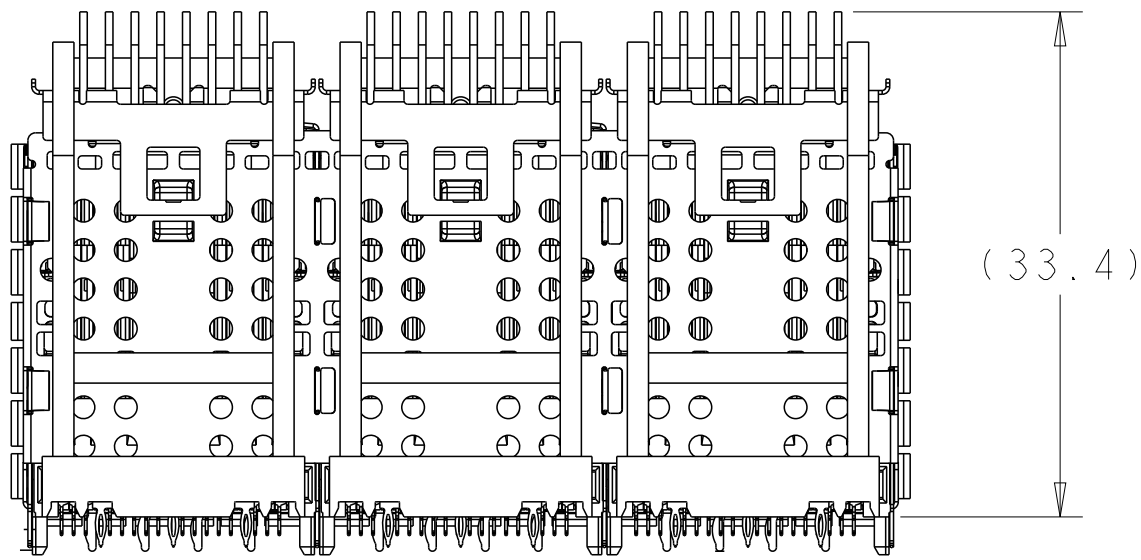
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN: ARTHUR JIN 20JAN2016		 TE Connectivity	
				CHK: SEAN HAN 20JAN2016			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 20JAN2016		NAME	
mm		0 PLC ±		PRODUCT SPEC		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZOSFP+ STACKED WITH HS	
		1 PLC ±0.25		APPLICATION SPEC			
		2 PLC ±0.15				SIZE CAGE CODE DRAWING NO	
		3 PLC ±				A100779C=2299924	
		4 PLC ±				RESTRICTED TO	
		ANGLES ±					
		FINISH ±					
MATERIAL				WEIGHT			
SEE NOTE 1		SEE NOTE 2		CUSTOMER DRAWING		SCALE 1:1 SHEET 3 OF 10 REV G	

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



3-2299924-6
SCALE 2:1

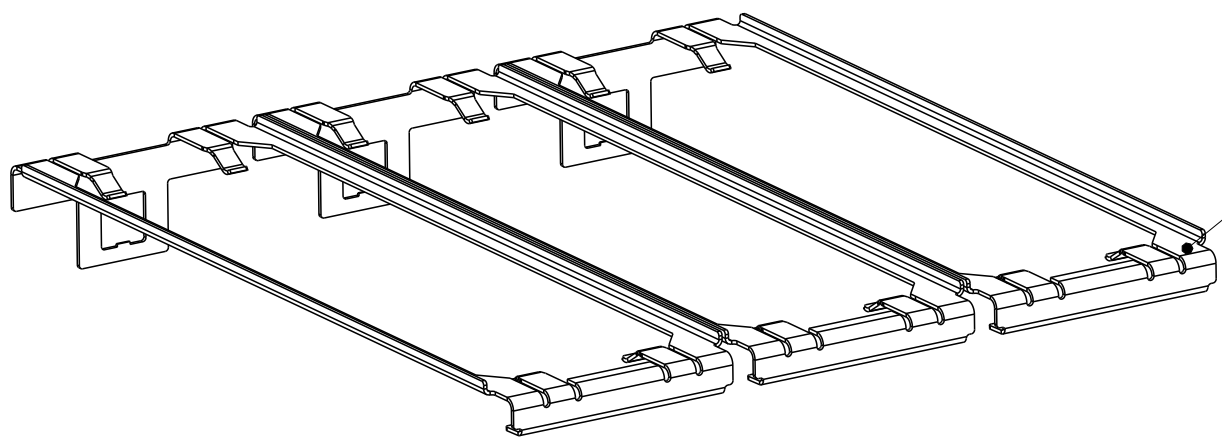


3-2299924-6
SCALE 2:1

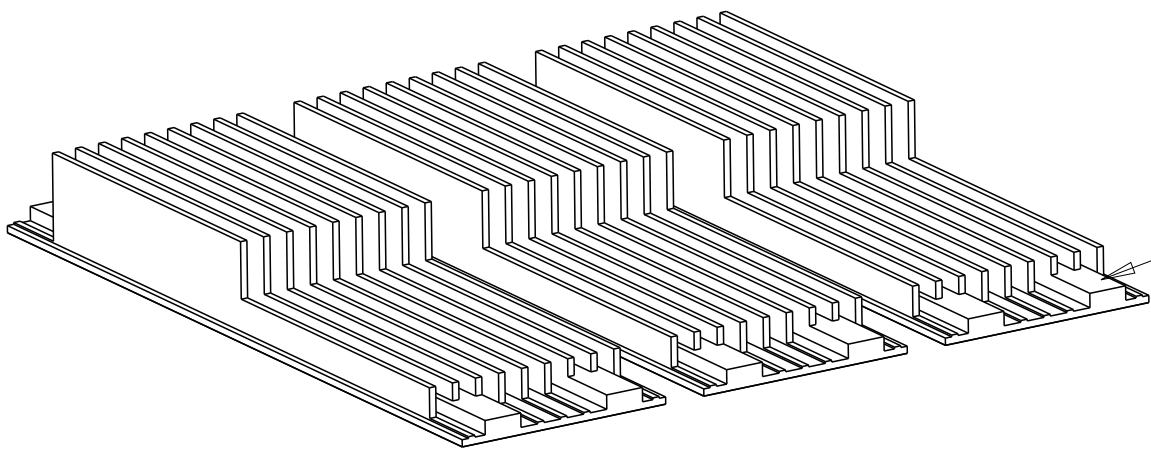
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 20JAN2016	 TE Connectivity		
DIMENSIONS:		CHK SEAN HAN 20JAN2016			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 20JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS		
	0 PLC ±	PRODUCT SPEC			
	1 PLC ±0.25	APPLICATION SPEC			
	2 PLC ±0.15				
	3 PLC ±		SIZE A1		
	4 PLC ±				
ANGLES			CAGE CODE 00779		
FINISH					
MATERIAL		WEIGHT	DRAWING NO C=2299924		
SEE NOTE 1		-			
SEE NOTE 2		CUSTOMER DRAWING			
		SCALE 1:1	SHEET 4	OF 10	REV G

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

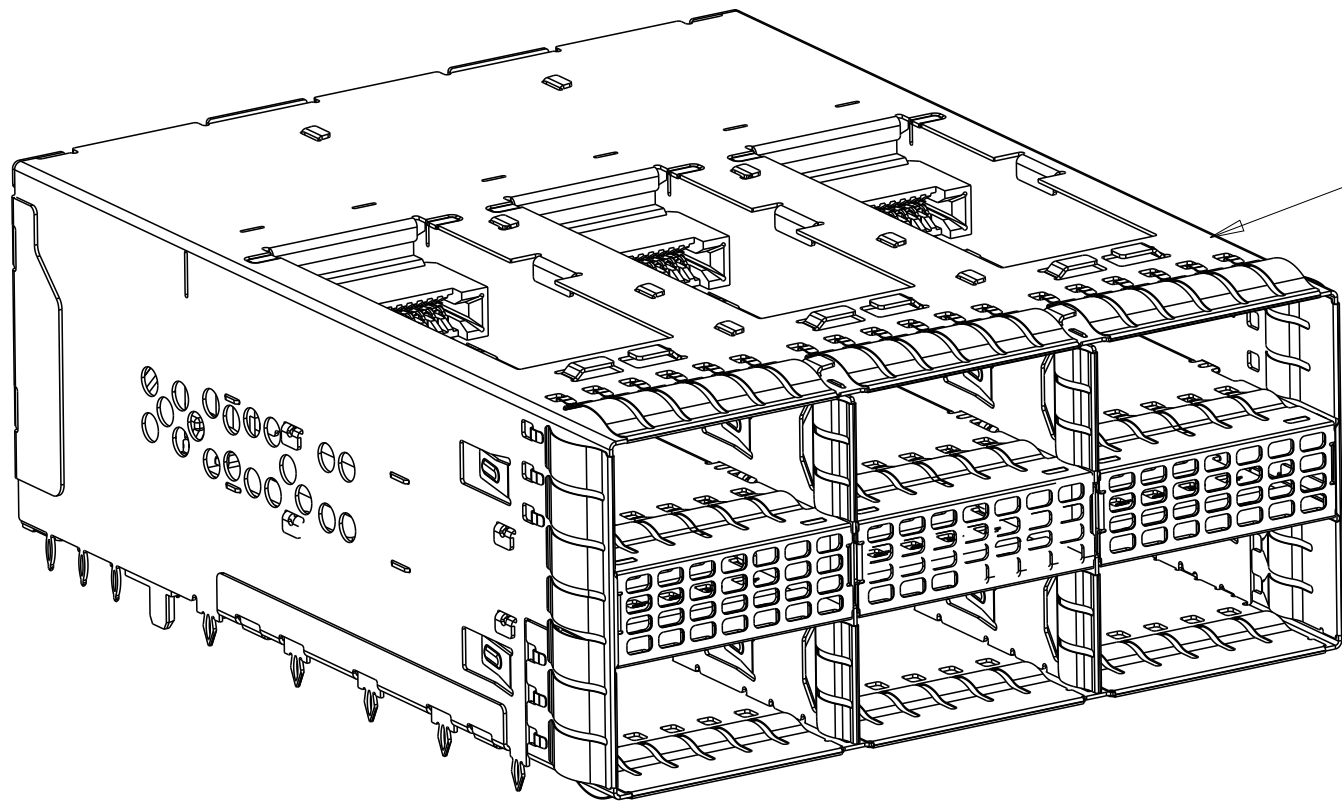
2299924-3 AS SHOWN, KIT PACKAGE



HEAT SINK CLIP
P/N: 1-2300832-7

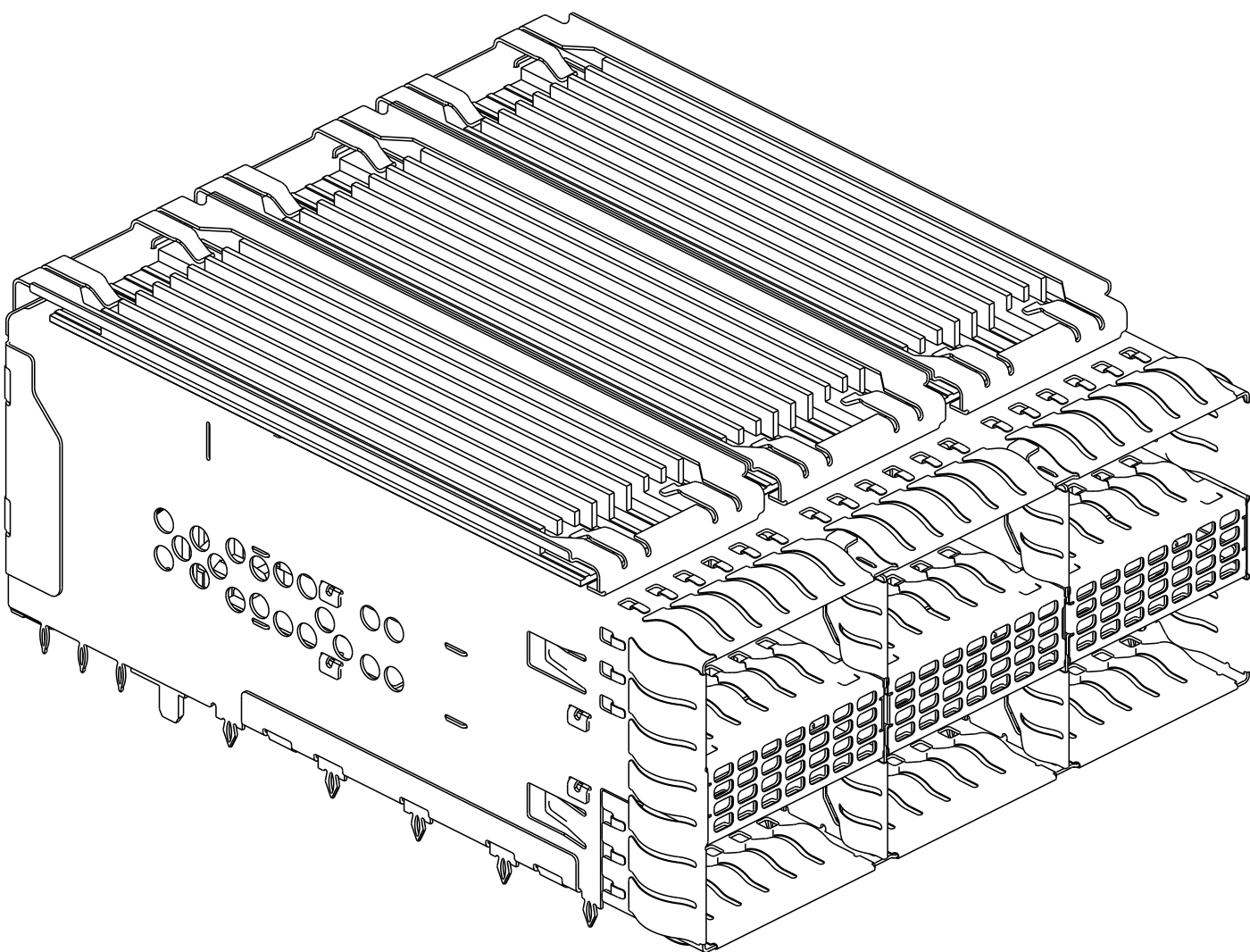


HEAT SINK
P/N: 1-2304280-3

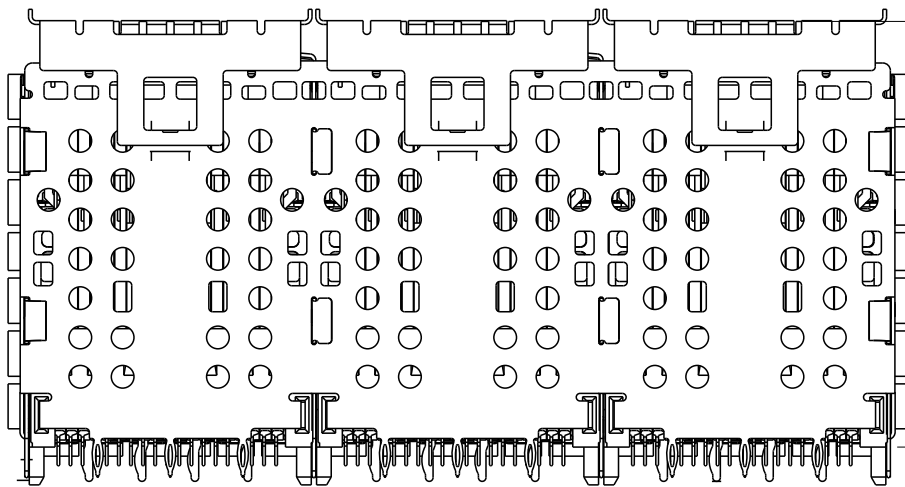


CAGE AND CONNECTOR ASSEMBLY
P/N: 2299924-4

SCALE 2:1

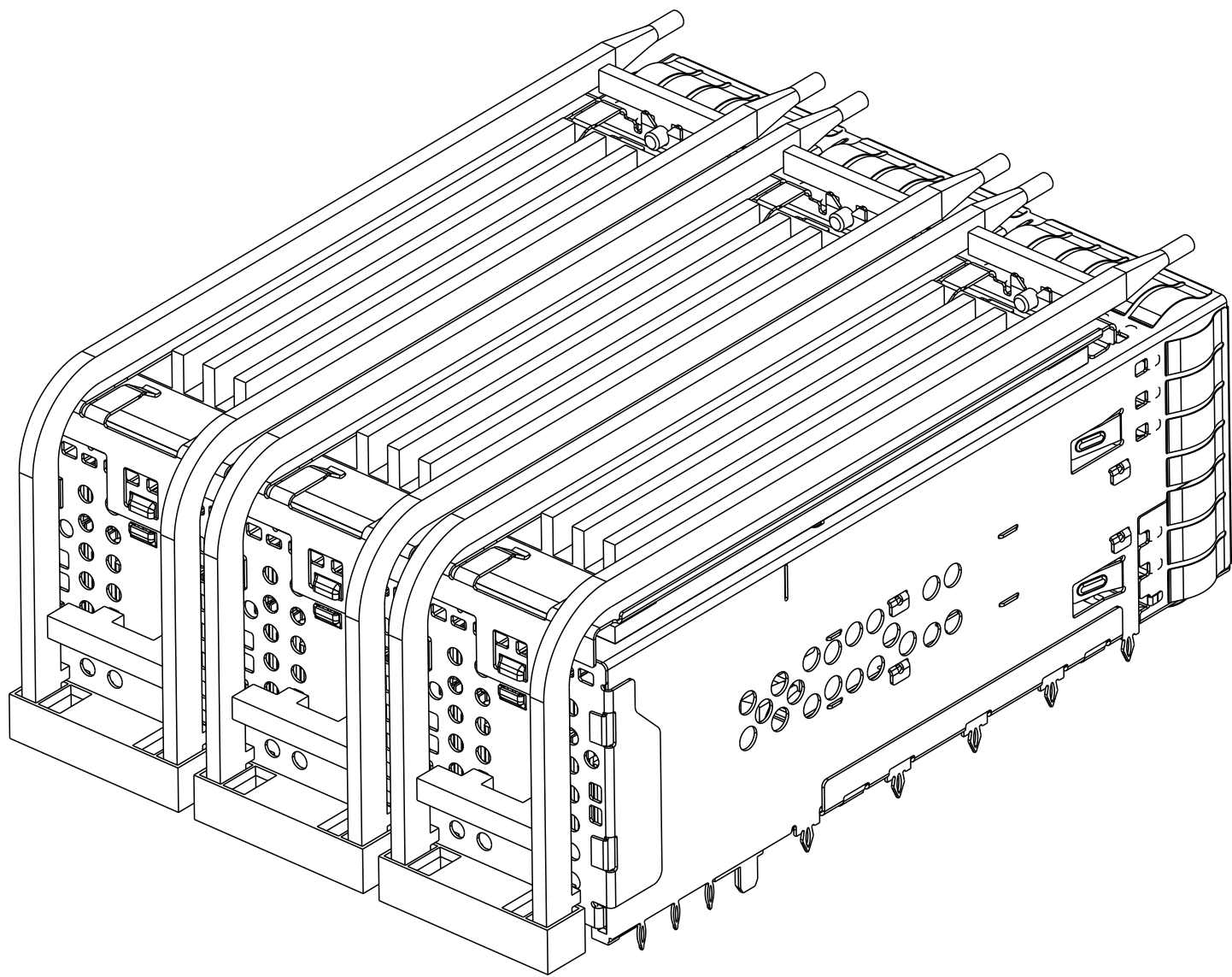


SCALE 2:1

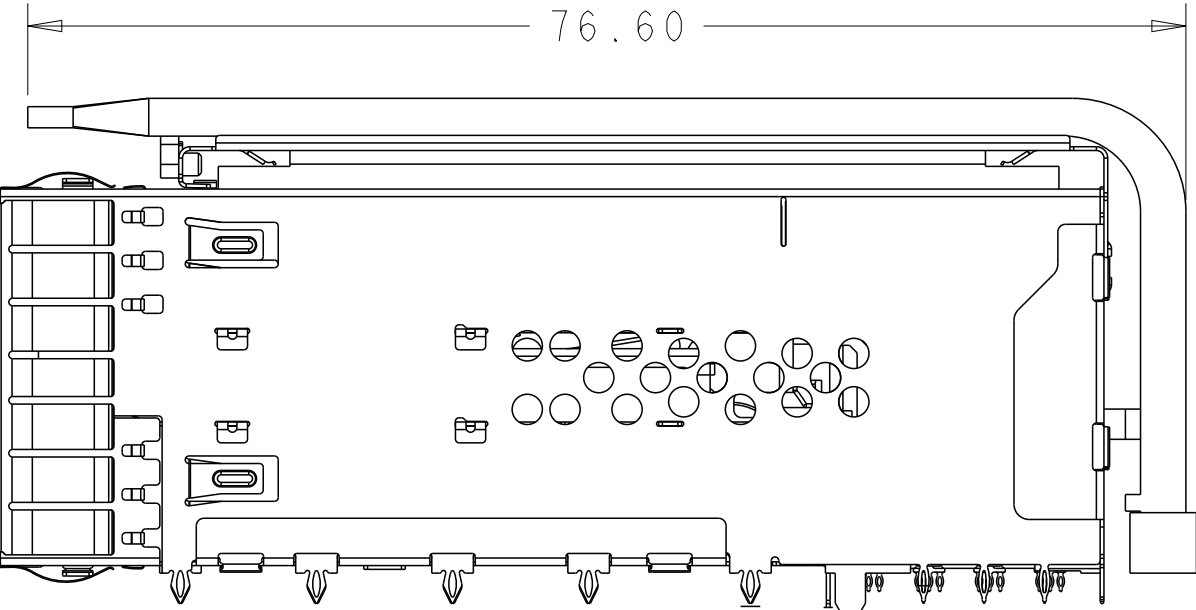


28.15
HEAT SINK HEIGHT

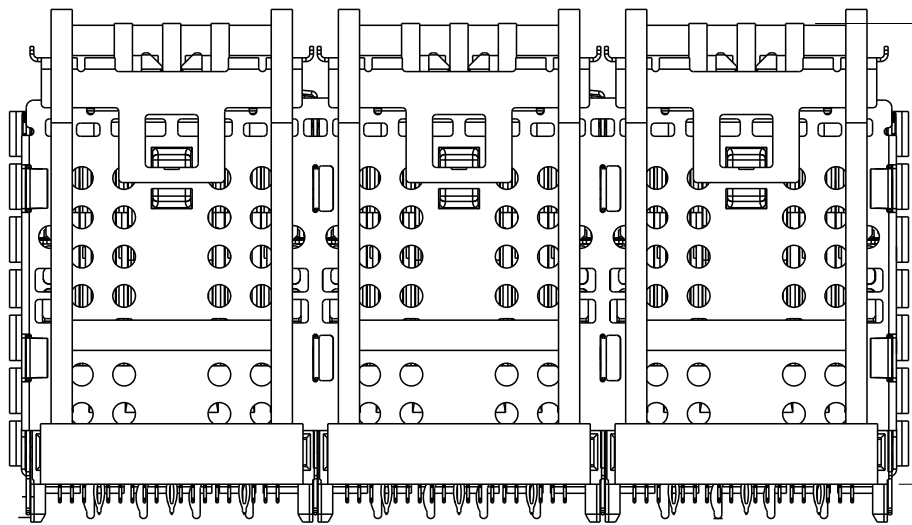
1-2299924-3 AS SHOWN
SCALE 2:1



SCALE 2:1



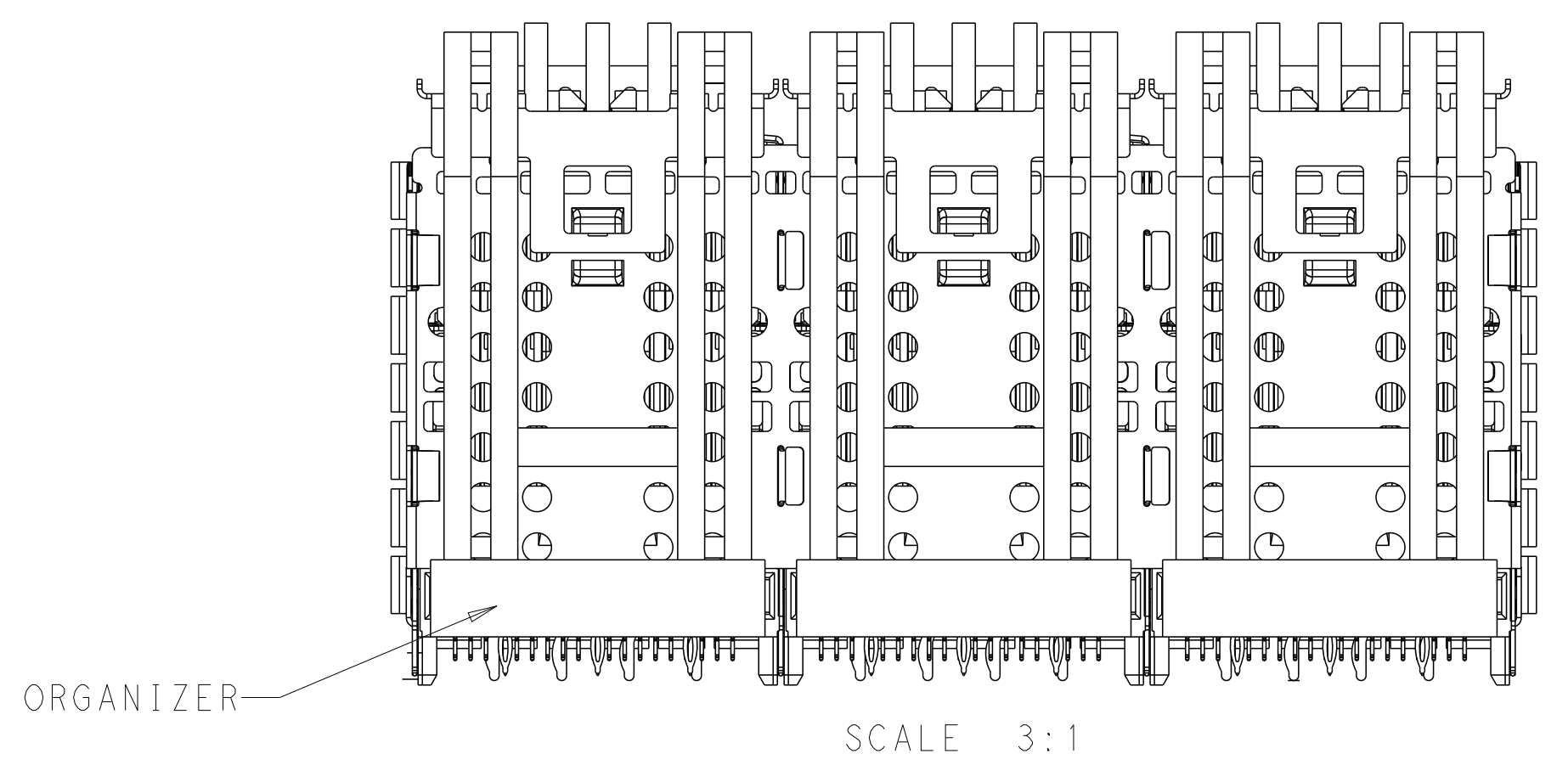
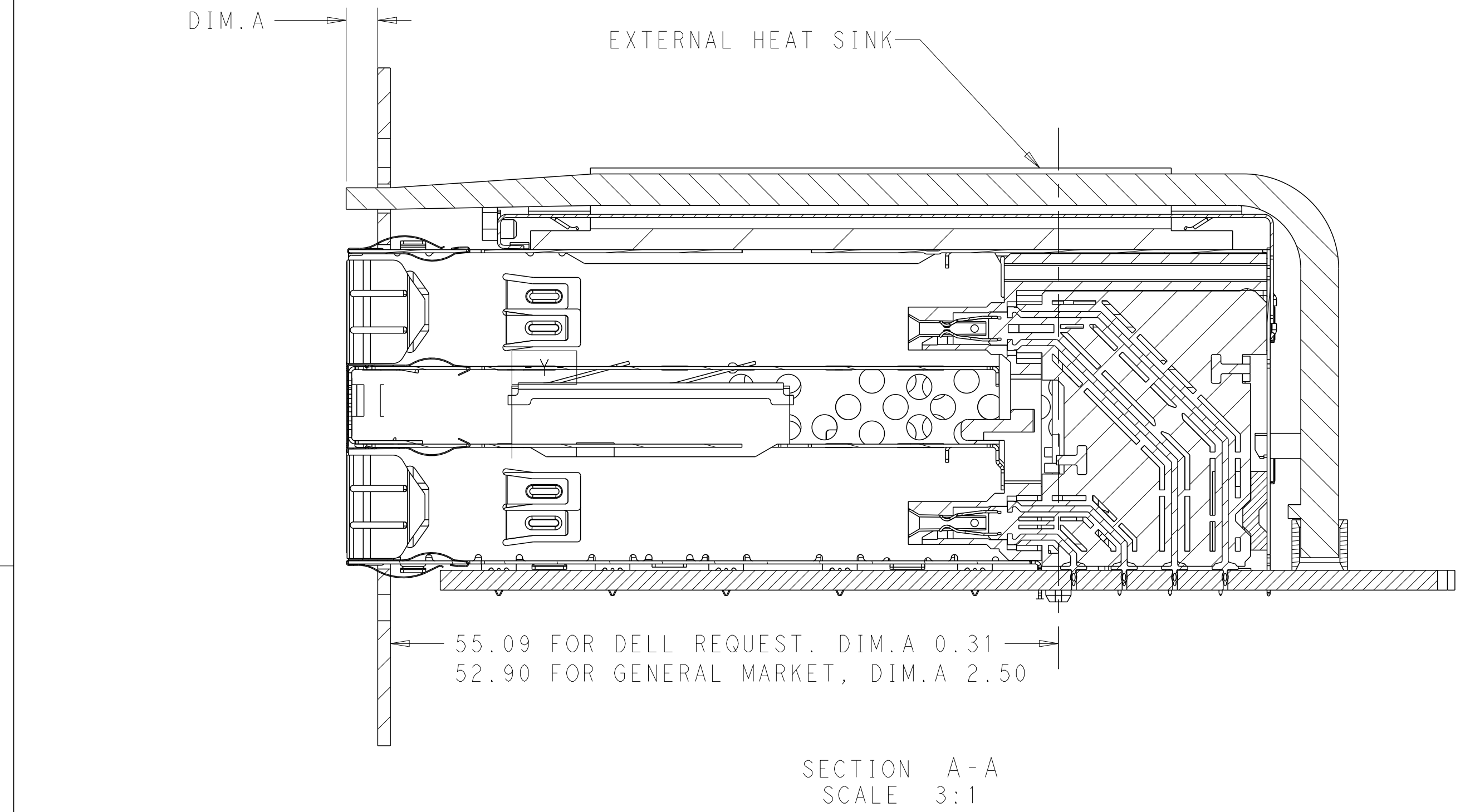
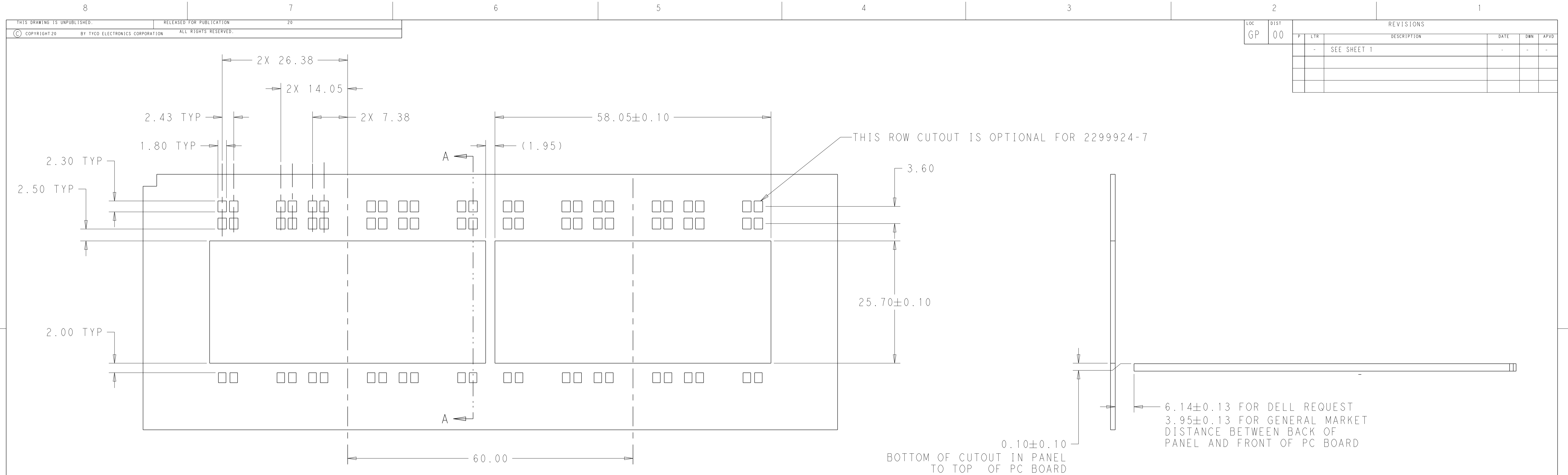
SCALE 2:1



(31.37)
AFTER PLUGGED

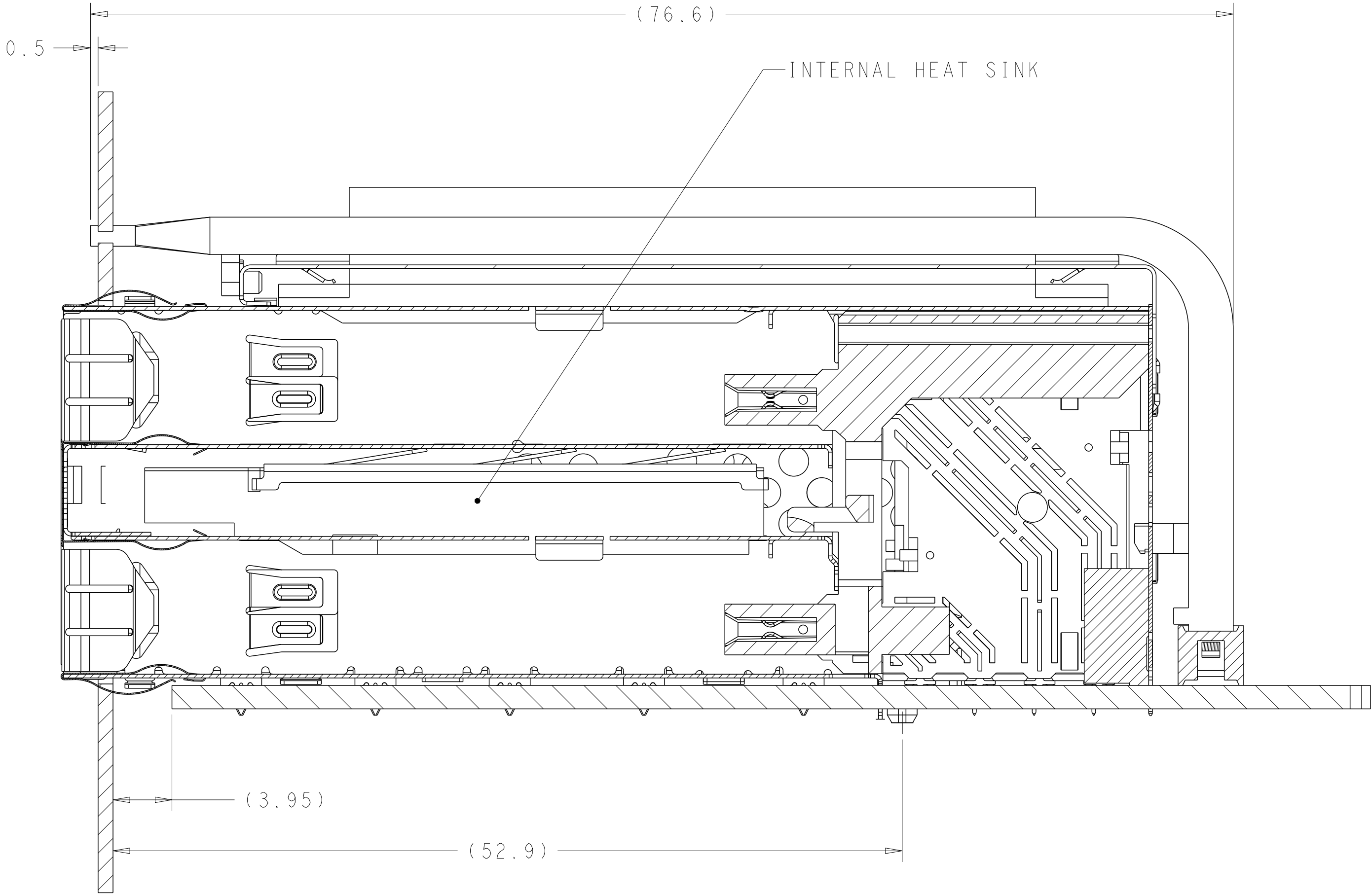
2299924-8 AS SHOWN
SCALE 2:1

3	1-2300832-7	HEAT SINK CLIP	3
3	1-2304280-3	HEAT SINK	2
1	2299924-4	CAGE AND CONNECTOR ASSEMBLY	1
2299924-3	PART NUMBER	DESCRIPTION	ITEM
THIS DRAWING IS A CONTROLLED DOCUMENT.			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		0 PLC ±.1 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH	
MATERIAL		WEIGHT	
SEE NOTE 1		SEE NOTE 2	
CUSTOMER DRAWING		SCALE 1:1 SHEET 5 OF 10 REV G	
DWN: ARTHUR JIN 20JAN2016 CHK: SEAN HAN 20JAN2016 APVD: SEAN HAN 20JAN2016		NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZOSFP+ STACKED WITH HS	
SIZE: A1		CAGE CODE: 00779	
DRAWING NO: 2299924		RESTRICTED TO: -	

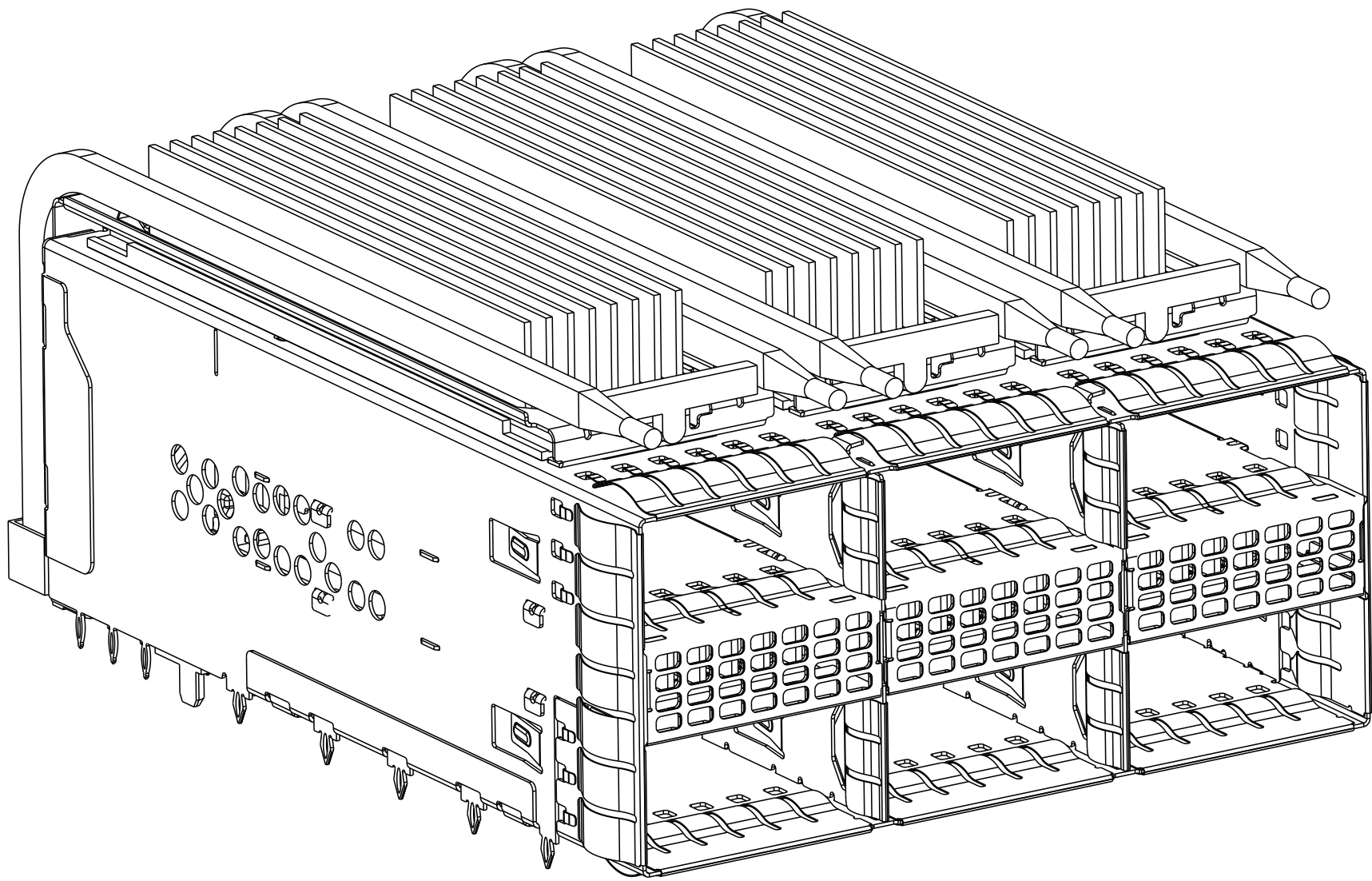


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ARTHUR JIN 20JAN2016		TE Connectivity	
		CHK SEAN HAN 20JAN2016			
		APVD SEAN HAN 20JAN2016			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm				CAGE AND CONNECTOR ASSEMBLY WITH	
		0 PLC ±		EMI SPRING FINGERS, THRU BEZEL,	
		1 PLC ±0.25		2X3 ZQSF+ STACKED WITH HS	
		2 PLC ±0.15			
		3 PLC ±			
		4 PLC ±			
ANGLES		±			
FINISH					
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO	
SEE NOTE 1		-		A100779C=2299924	
		SEE NOTE 2			
		CUSTOMER DRAWING		RESTRICTED TO	
				-	

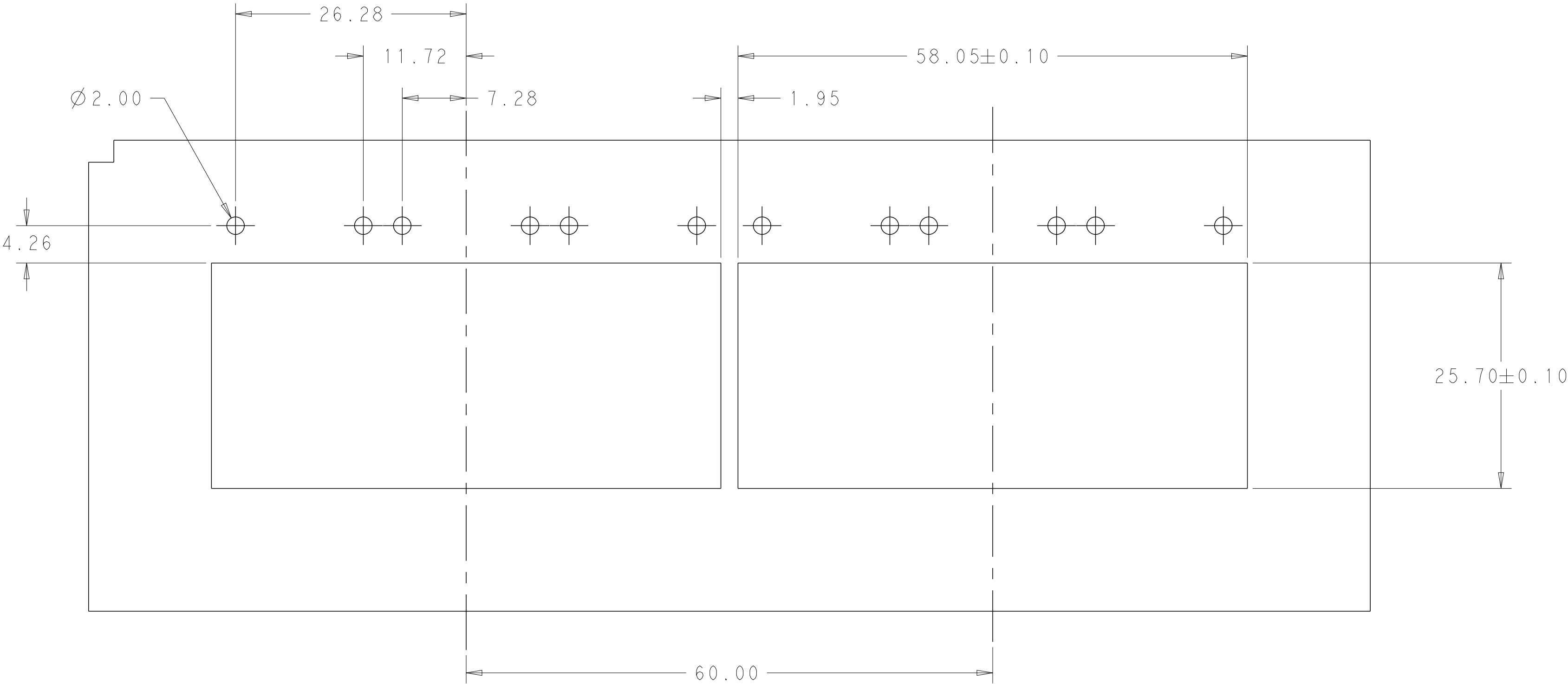
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



2299924-6
1-2299924-6
SECTION V-V
SCALE 4:1



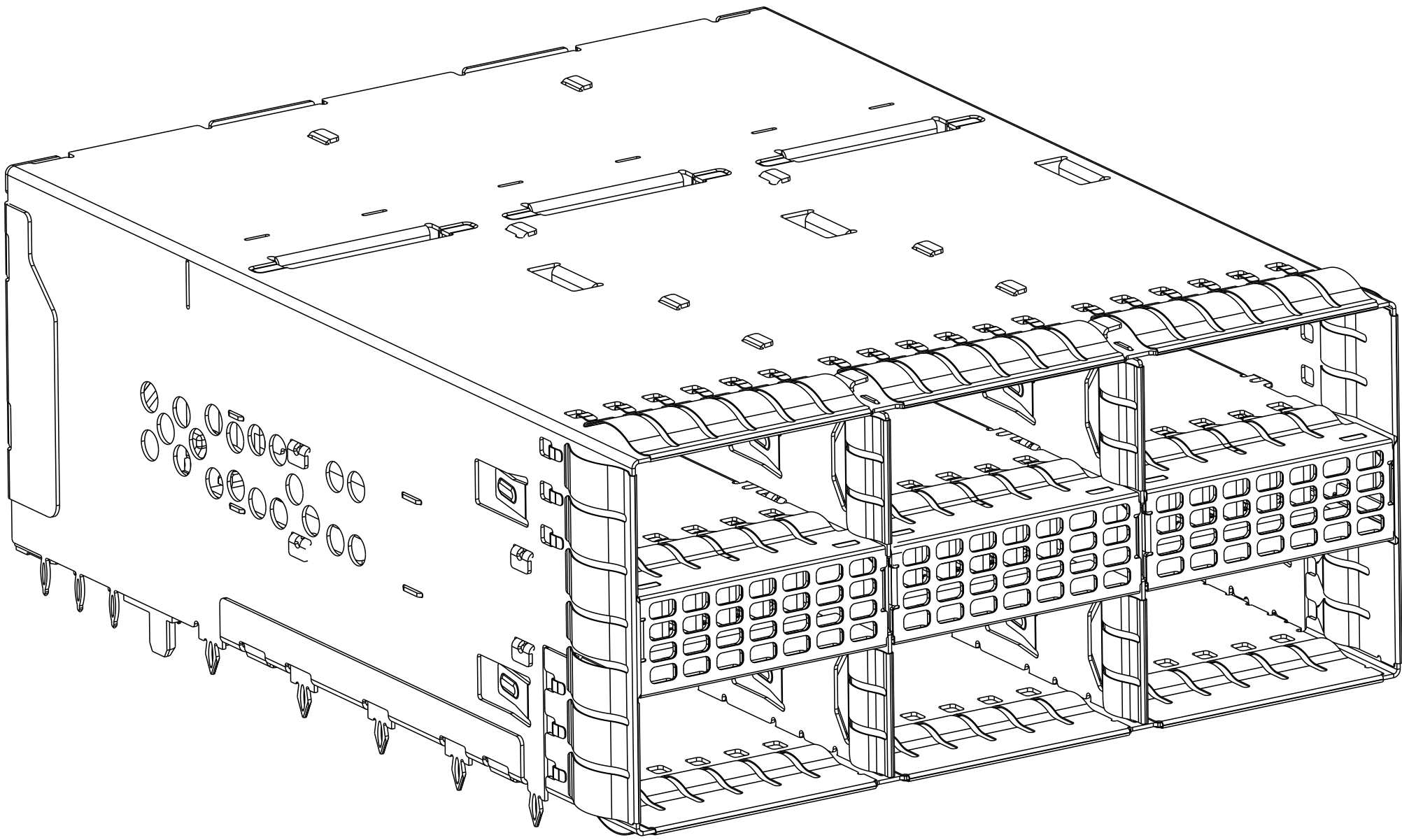
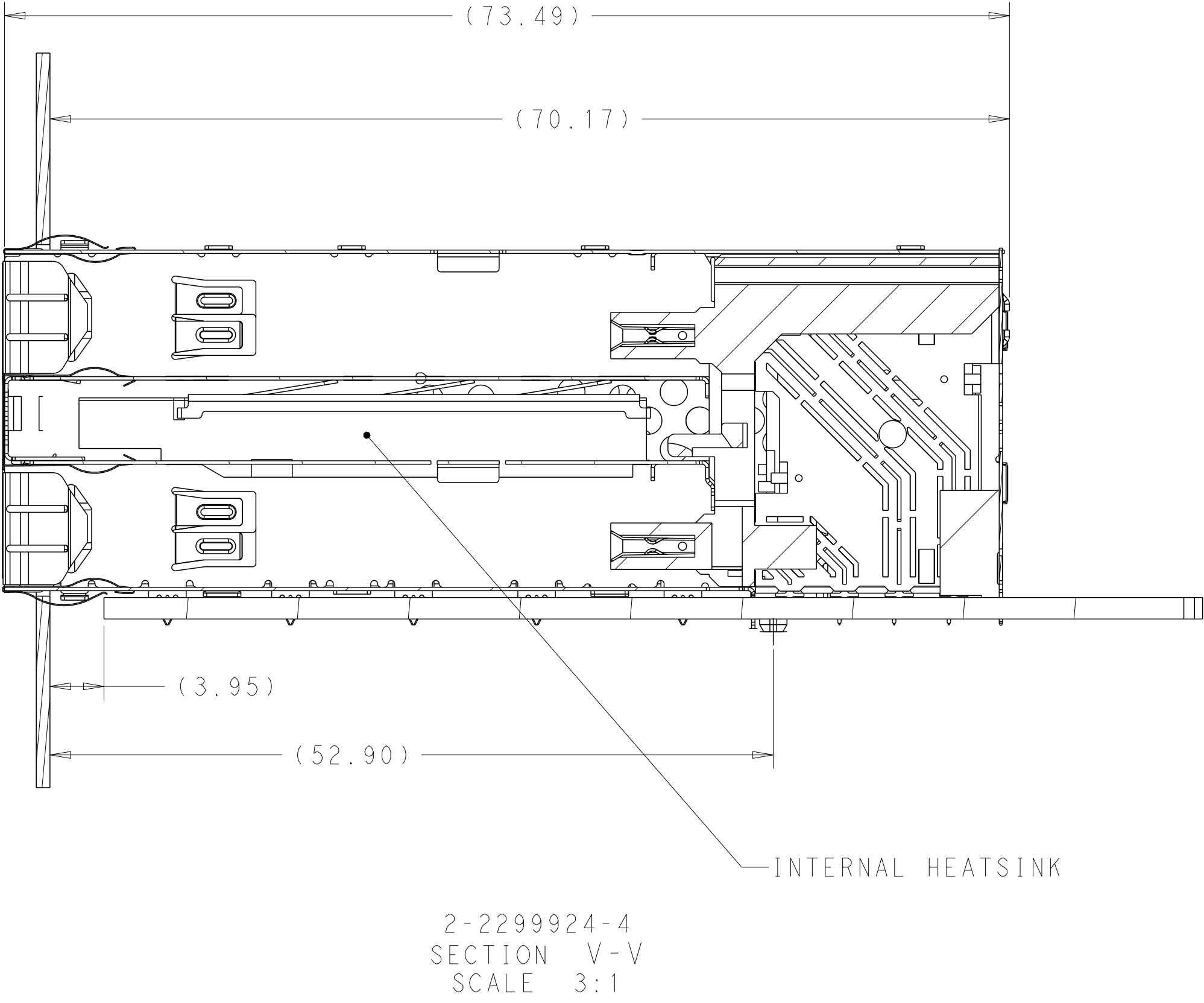
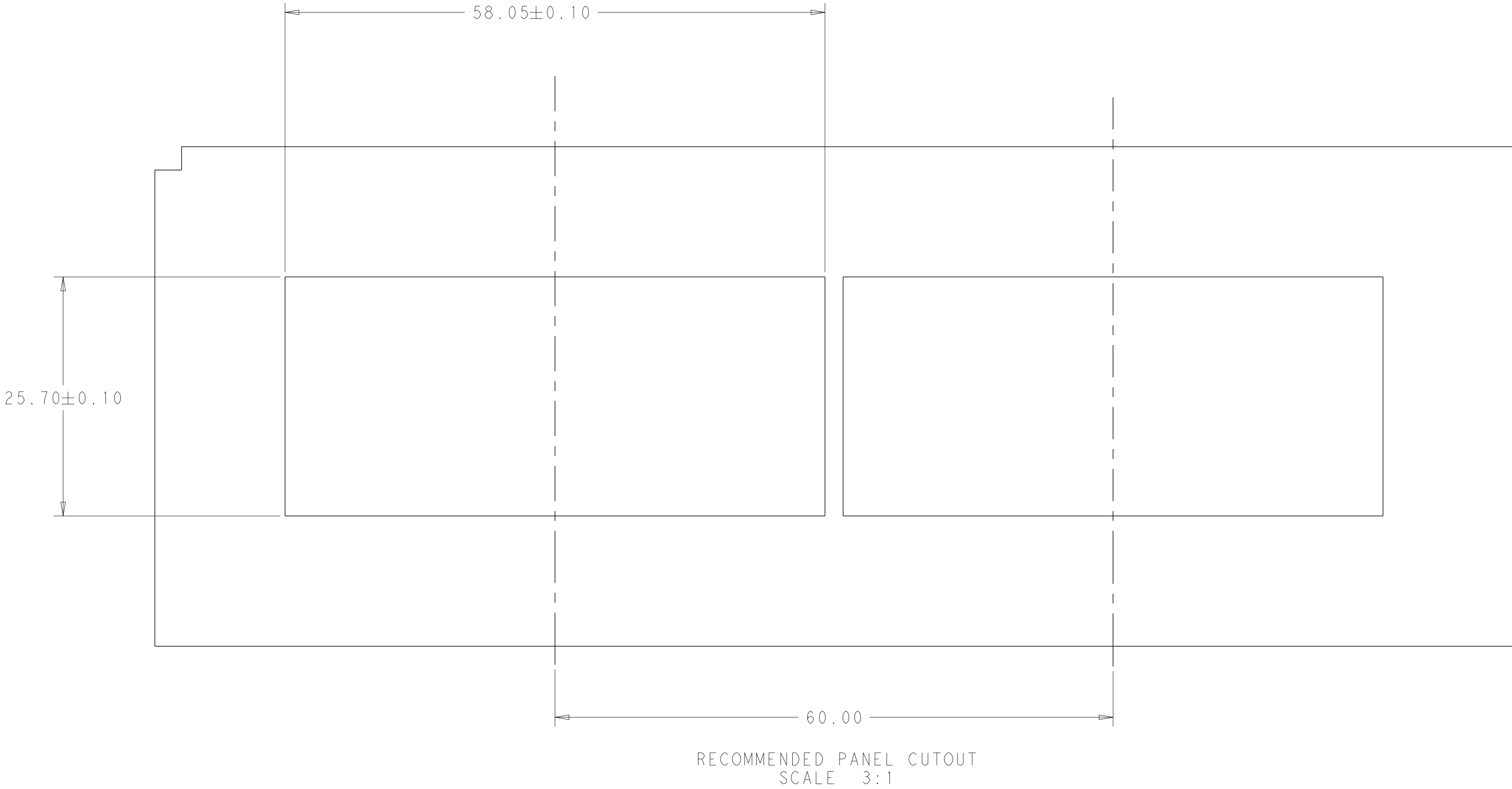
2299924-6
SCALE 5:2



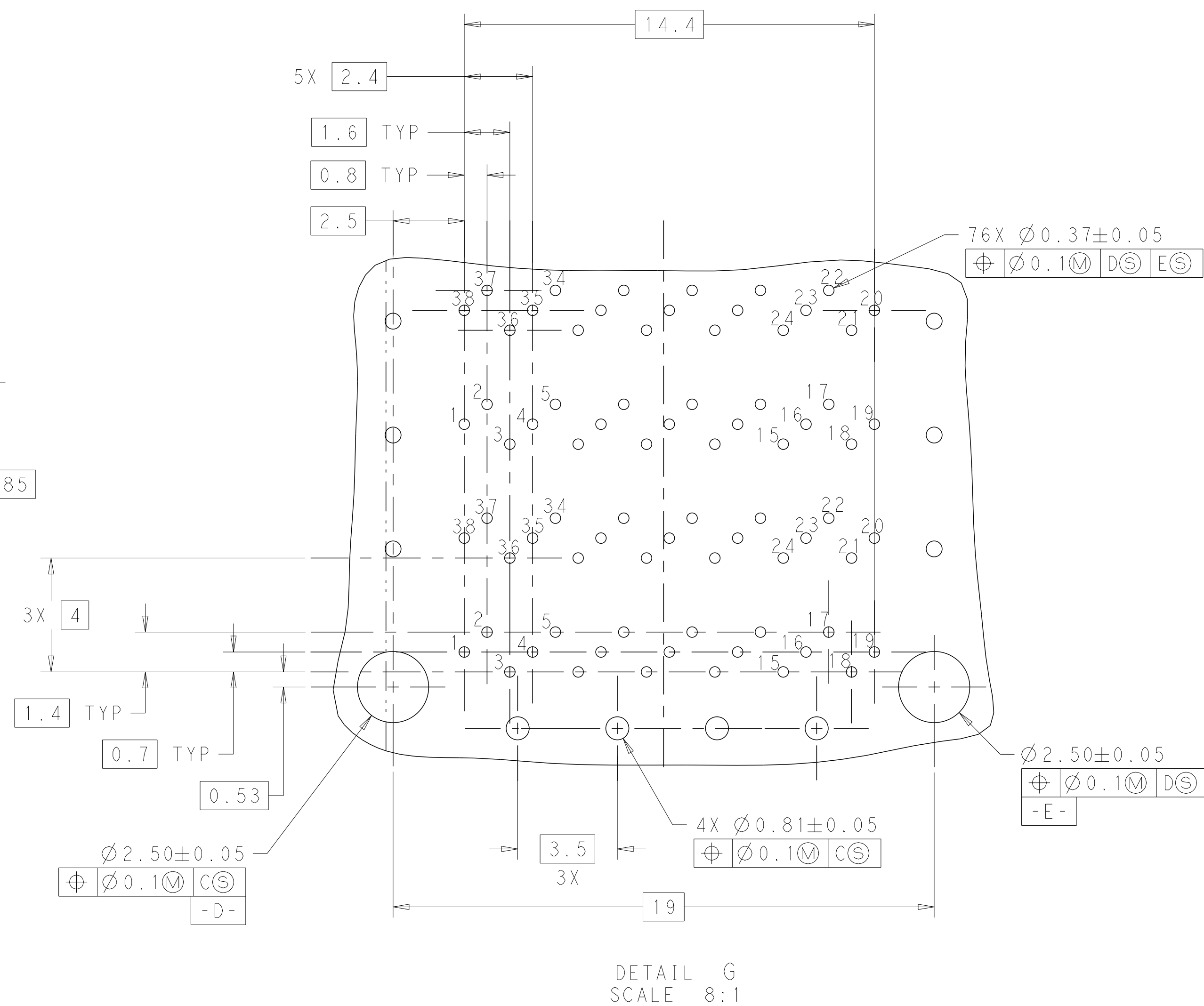
2299924-6
1-2299924-0
1-2299924-6
2-2299924-6
3-2299924-6
RECOMMENDED PANEL CUTOUT
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	ARTHUR JIN		20JAN2016		 TE Connectivity									
				CHK	SEAN HAN		20JAN2016											
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				APVD	SEAN HAN		20JAN2016		NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS						
mm										PRODUCT SPEC								

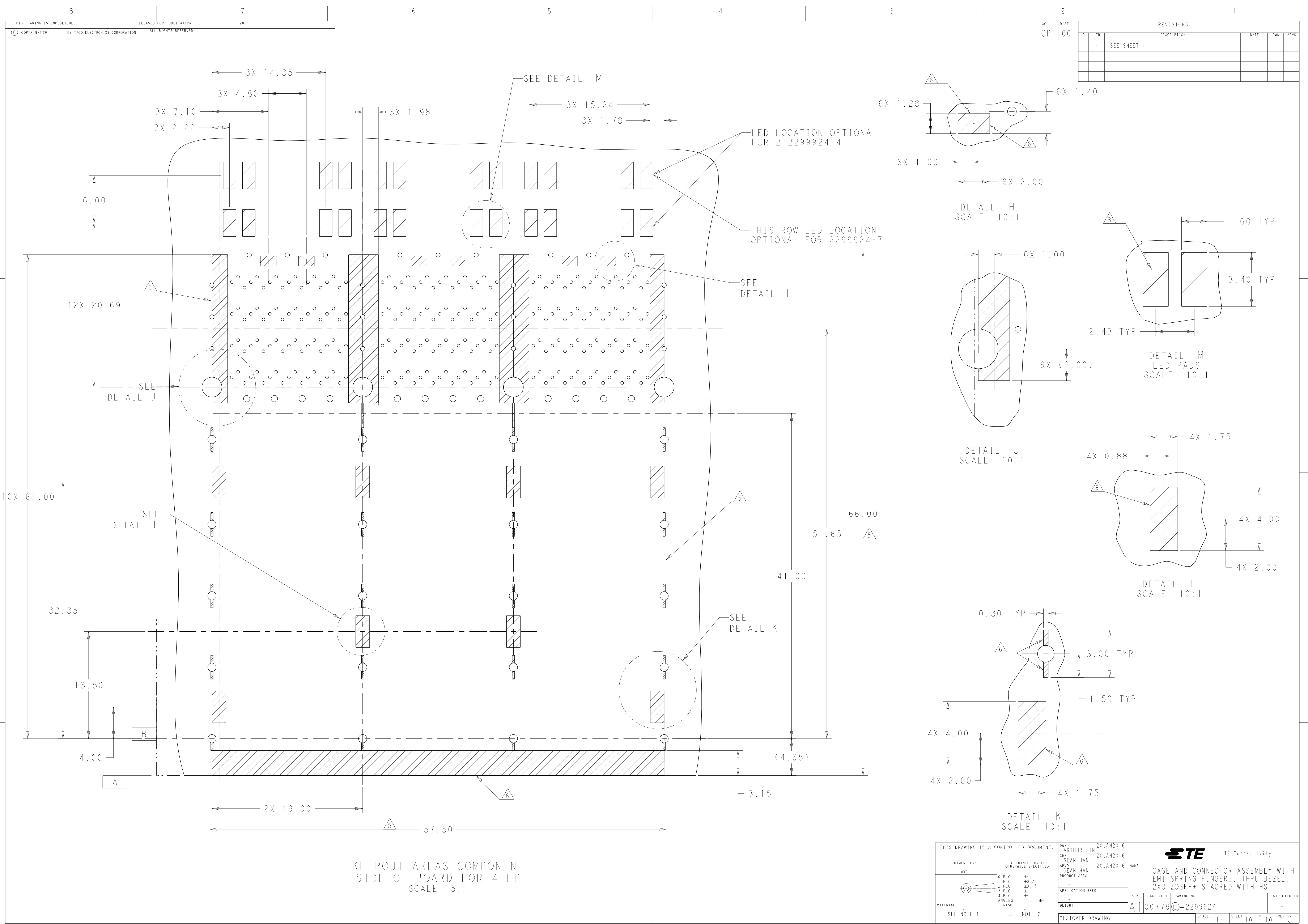
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



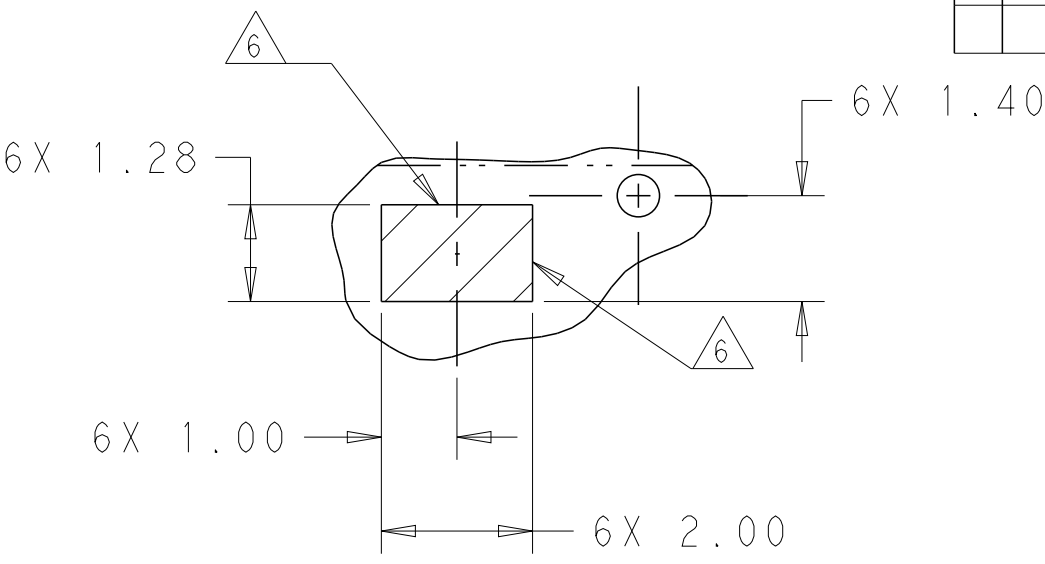
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 20JAN2016	TE Connectivity	
		CHK SEAN HAN 20JAN2016		
DIMENSIONS:		APVD SEAN HAN 20JAN2016	NAME	
mm		PRODUCT SPEC	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS	
		APPLICATION SPEC		
		WEIGHT	SIZE	RESTRICTED TO
MATERIAL		-	CAGE CODE	-
SEE NOTE 1		SEE NOTE 2	DRAWING NO	REV
		CUSTOMER DRAWING	A100779C=2299924	G
		SCALE	1:1	SHEET
			8	OF
			10	REV
				G



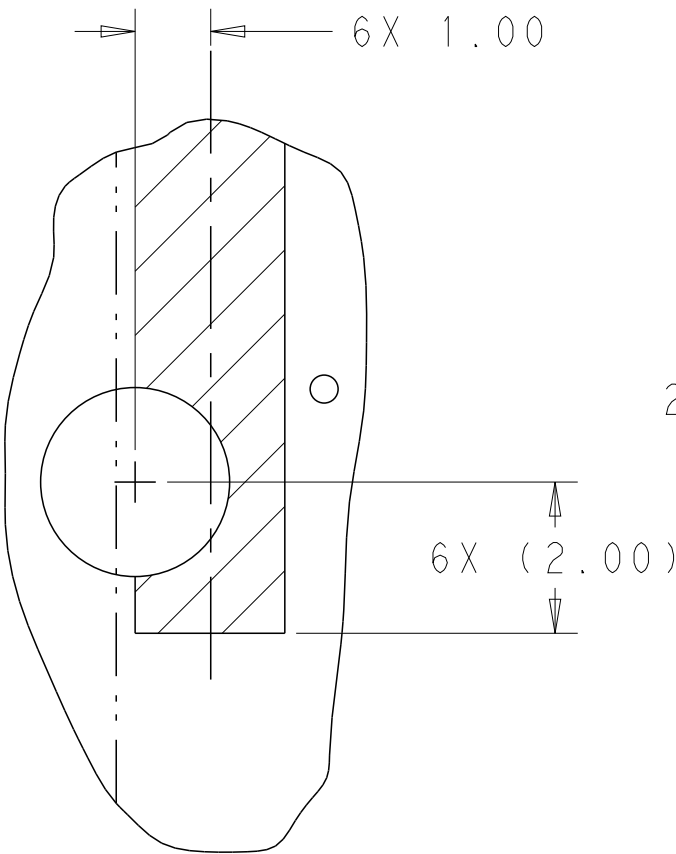
DETAIL G
SCALE 8:1



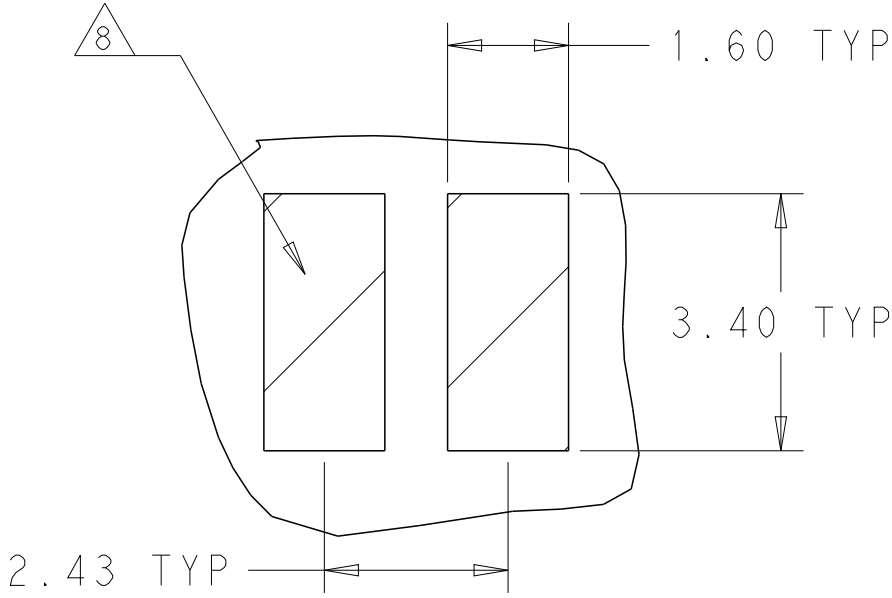
LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



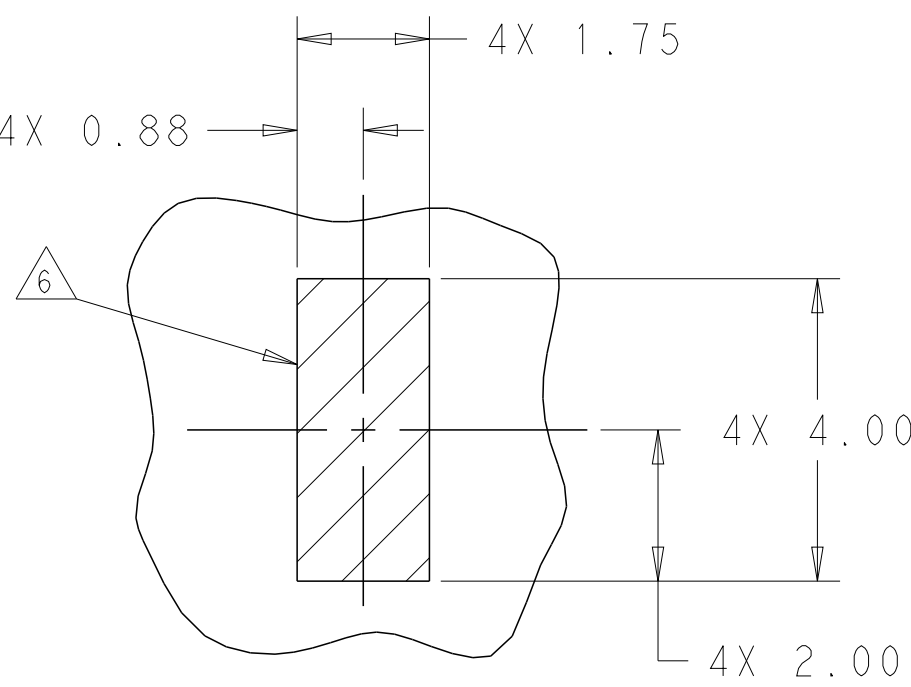
DETAIL H
SCALE 10:1



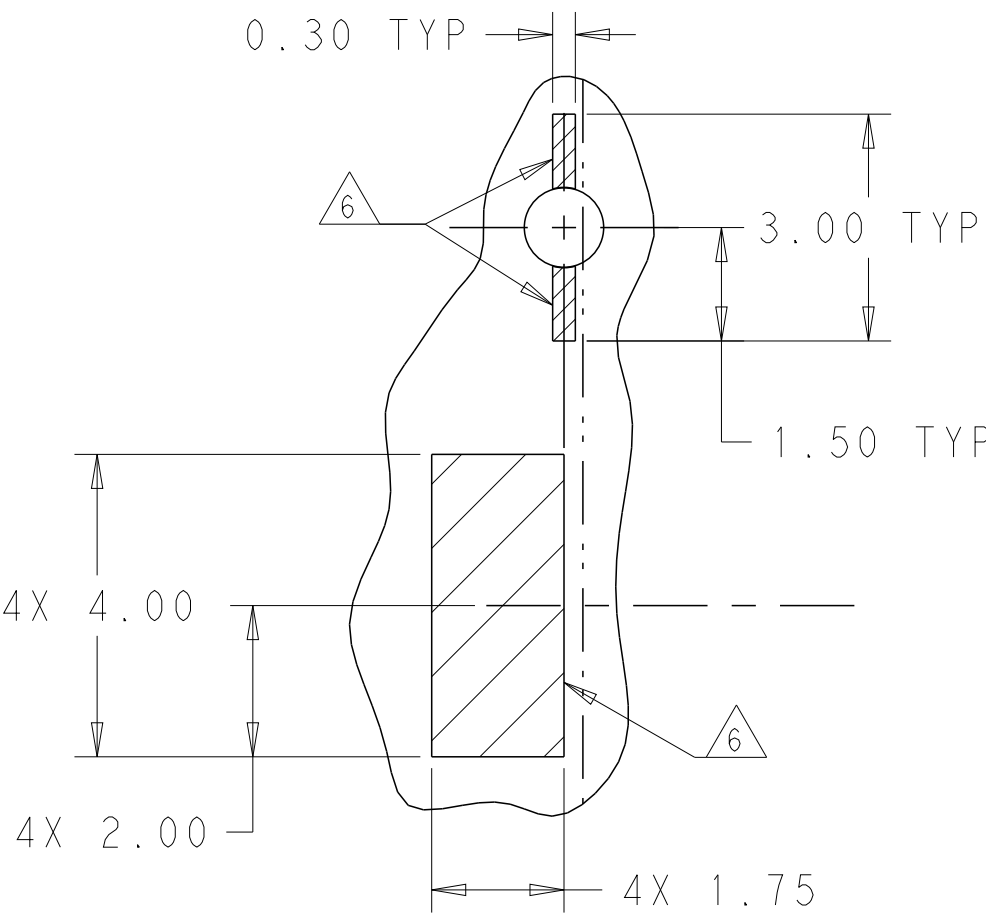
DETAIL J
SCALE 10:1



DETAIL M
LED PADS
SCALE 10:1

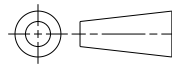


DETAIL L
SCALE 10:1



DETAIL K
SCALE 10:1

KEEPOUT AREAS COMPONENT
SIDE OF BOARD FOR 4 LP
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 20JAN2016	 TE Connectivity	
DIMENSIONS:		CHK SEAN HAN 20JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 20JAN2016	NAME	CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS
	0 PLC ±	PRODUCT SPEC	SIZE	CAGE CODE
	1 PLC ±0.25	APPLICATION SPEC	DRAWING NO	RESTRICTED TO
MATERIAL	2 PLC ±0.15	WEIGHT	A100779	©=2299924
SEE NOTE 1	3 PLC ±	CUSTOMER DRAWING	SCALE 1:1	SHEET 10 OF 10
SEE NOTE 2	4 PLC ±			REV G
ANGLES	FINISH			

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2299924-2](#)