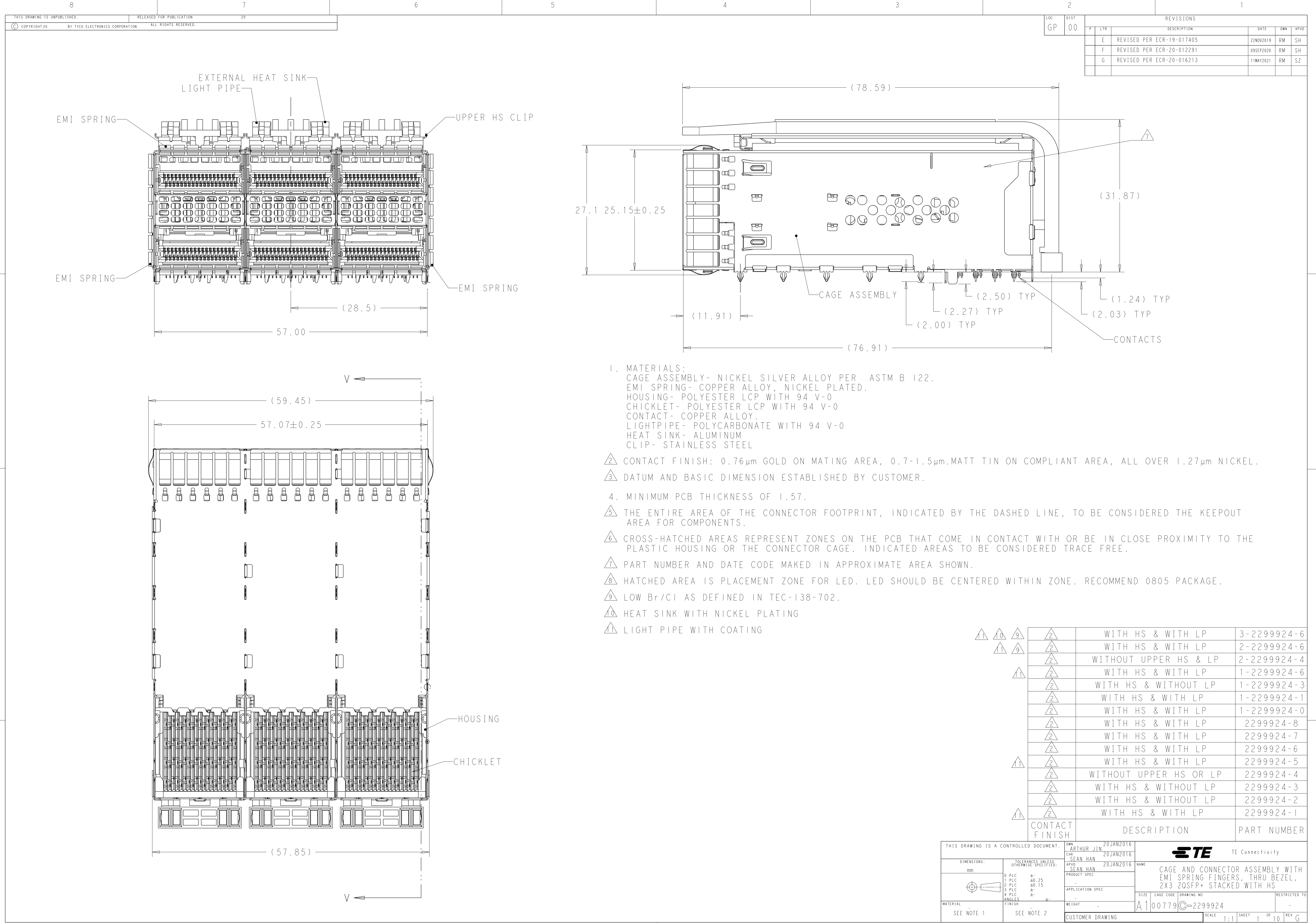
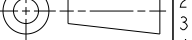


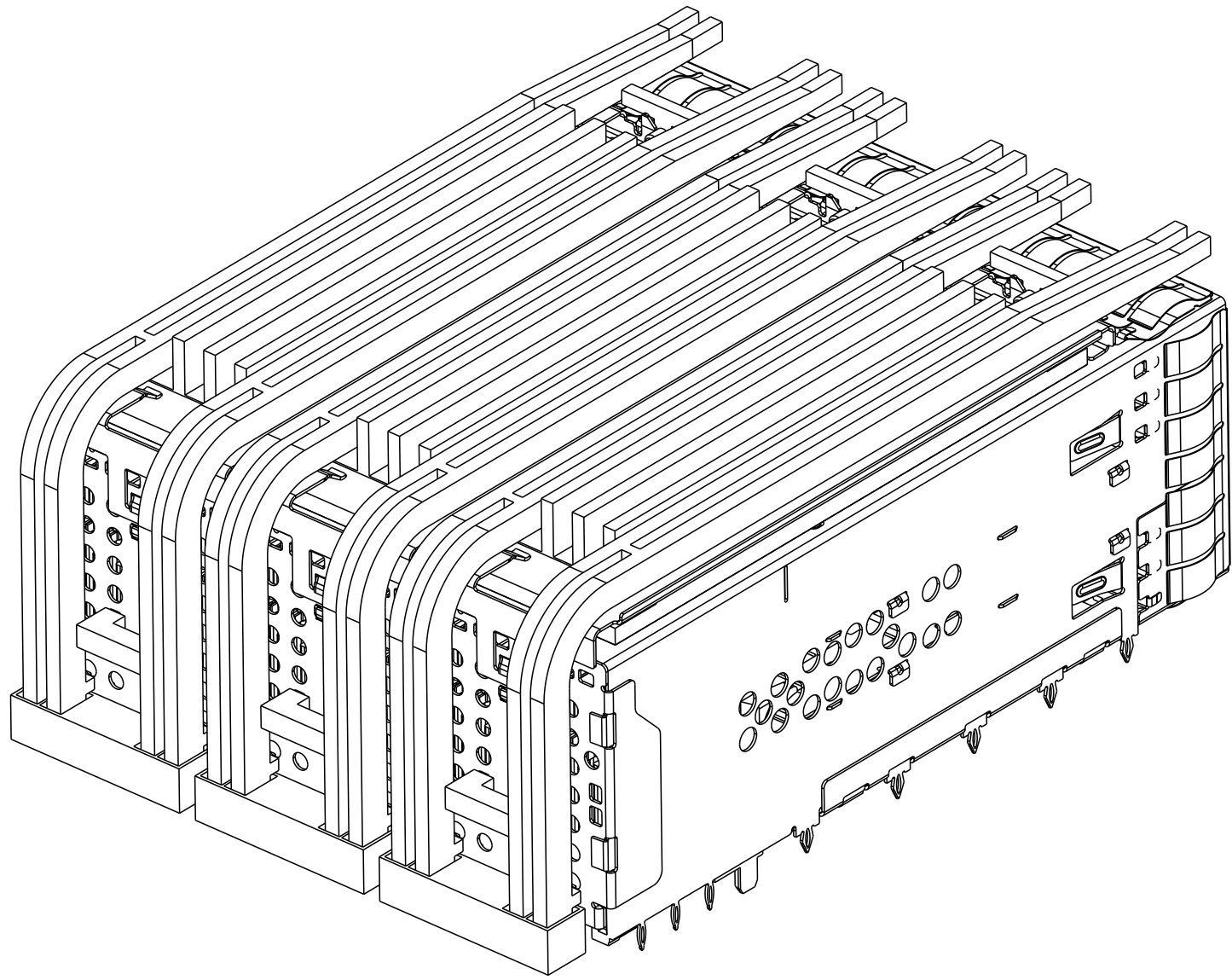


1. MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
EMI SPRING- COPPER ALLOY, NICKEL PLATED.
HOUSING- POLYESTER LCP WITH 94 V-0
CHICKLET- POLYESTER LCP WITH 94 V-0
CONTACT- COPPER ALLOY.
LIGHTPIPE- POLYCARBONATE WITH 94 V-0
HEAT SINK- ALUMINUM
CLIP- STAINLESS STEEL
- 2 CONTACT FINISH: 0.76µm 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

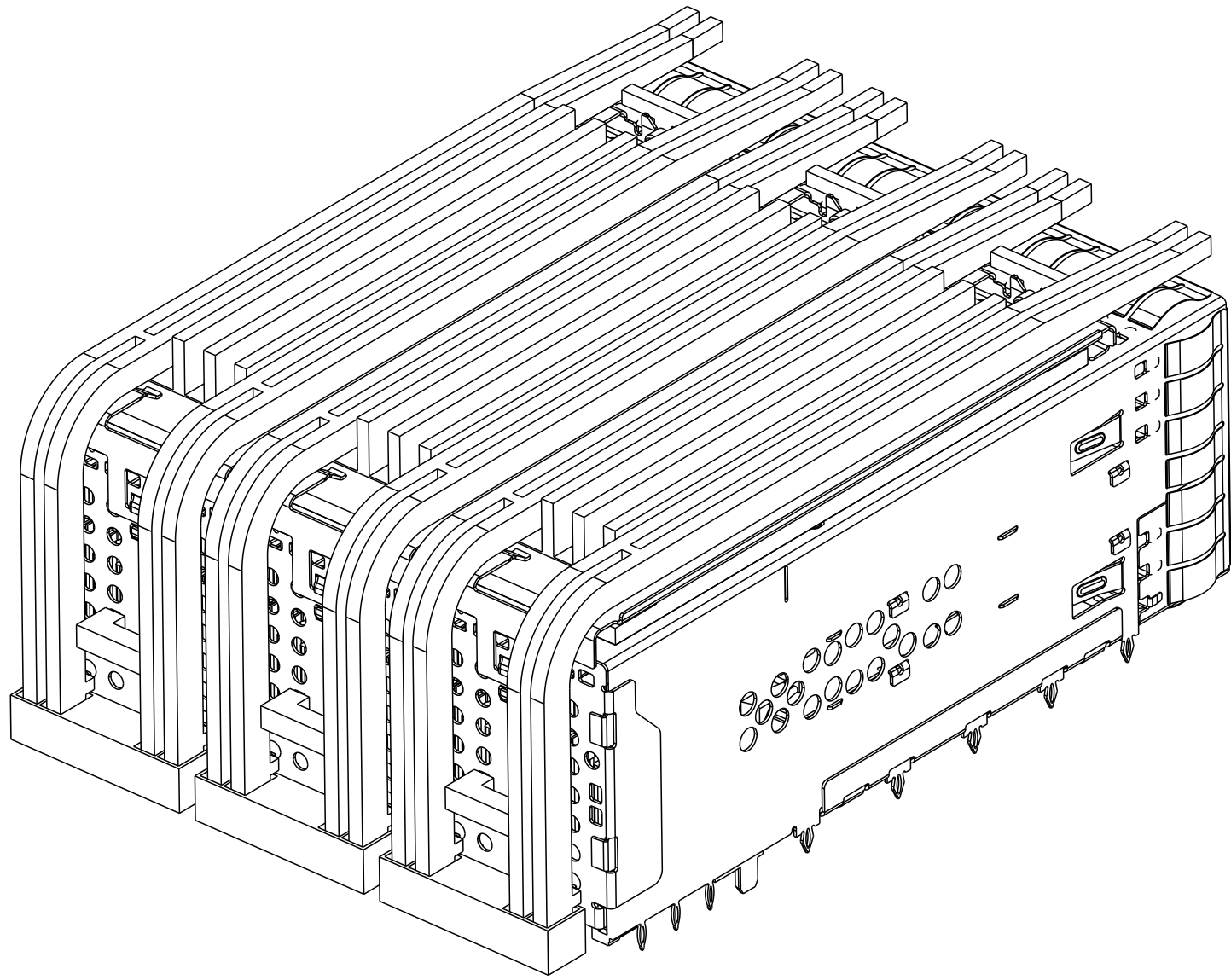
1	2	WITH HS & WITH LP	3-2299924-6
1	2	WITH HS & WITH LP	2-2299924-6
1	2	WITHOUT UPPER HS & LP	2-2299924-4
1	2	WITH HS & WITH LP	1-2299924-6
1	2	WITH HS & WITHOUT LP	1-2299924-3
1	2	WITH HS & WITH LP	1-2299924-1
1	2	WITH HS & WITH LP	1-2299924-0
1	2	WITH HS & WITH LP	2299924-8
1	2	WITH HS & WITH LP	2299924-7
1	2	WITH HS & WITH LP	2299924-6
1	2	WITH HS & WITH LP	2299924-5
1	2	WITHOUT UPPER HS OR LP	2299924-4
1	2	WITH HS & WITHOUT LP	2299924-3
1	2	WITH HS & WITHOUT LP	2299924-2
1	2	WITH HS & WITH LP	2299924-1
1	2	CONTACT FINISH	DESCRIPTION
1	2	DESCRIPTION	PART NUMBER

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

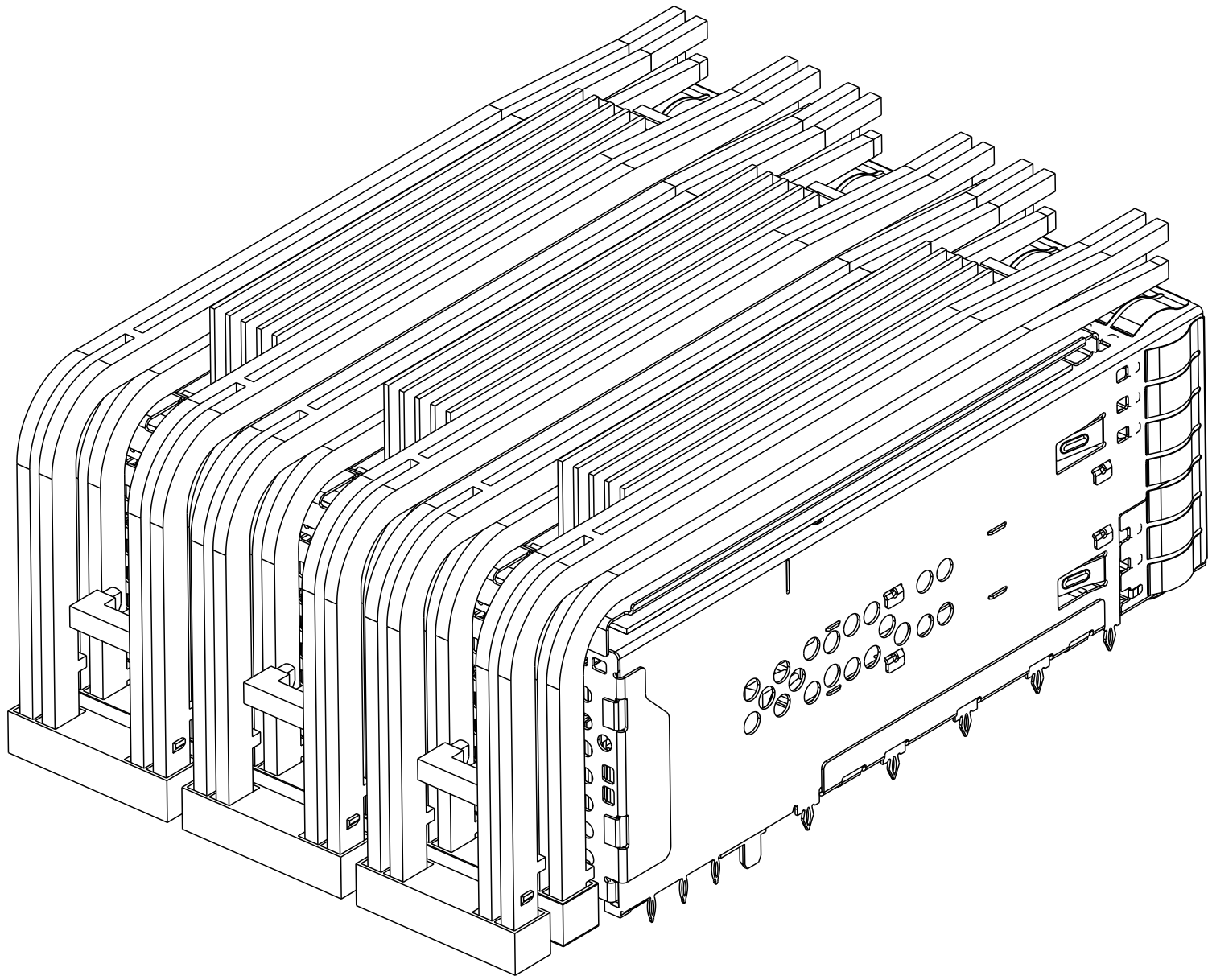
LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



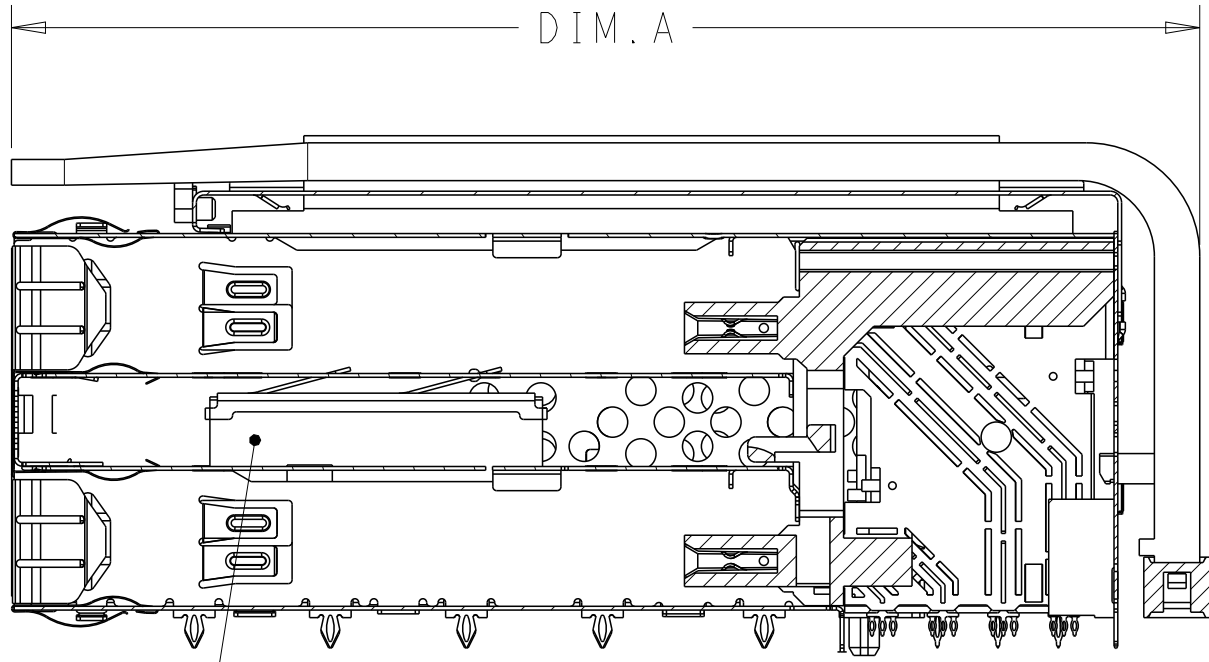
2299924-1
1-2299924-1
AS SHOWN
SCALE 2:1



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



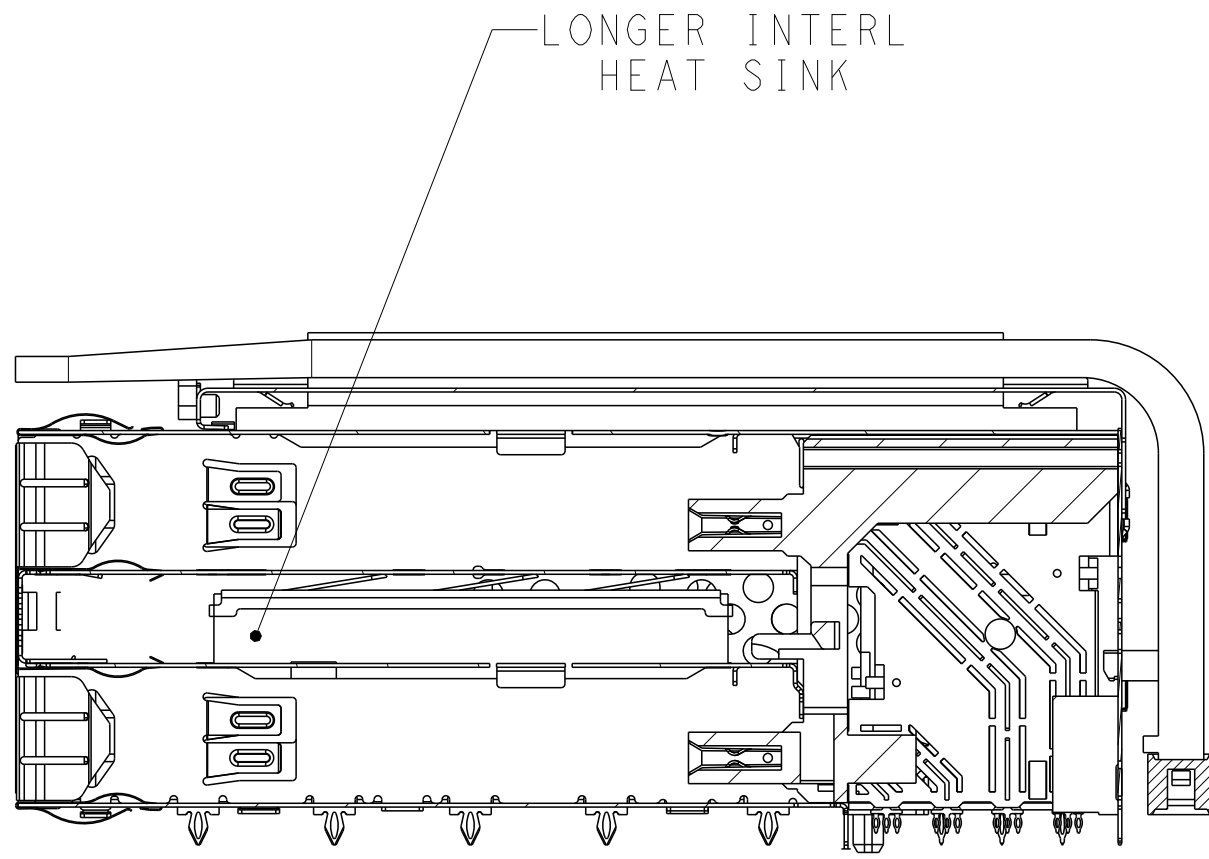
2299924-7
SCALE 2:1



SHORT INTERNAL
HEAT SINK

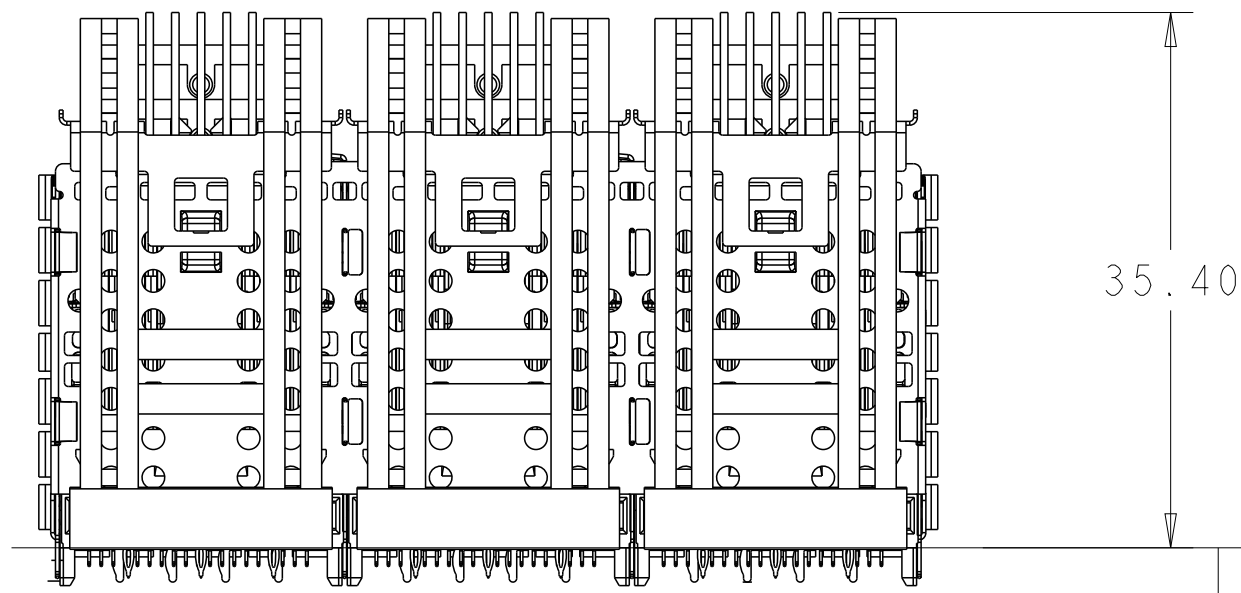
2299924-1
1-2299924-1
SECTION VIEW
SECTION V-V
SCALE 2:1

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



LONGER INTERL
HEAT SINK

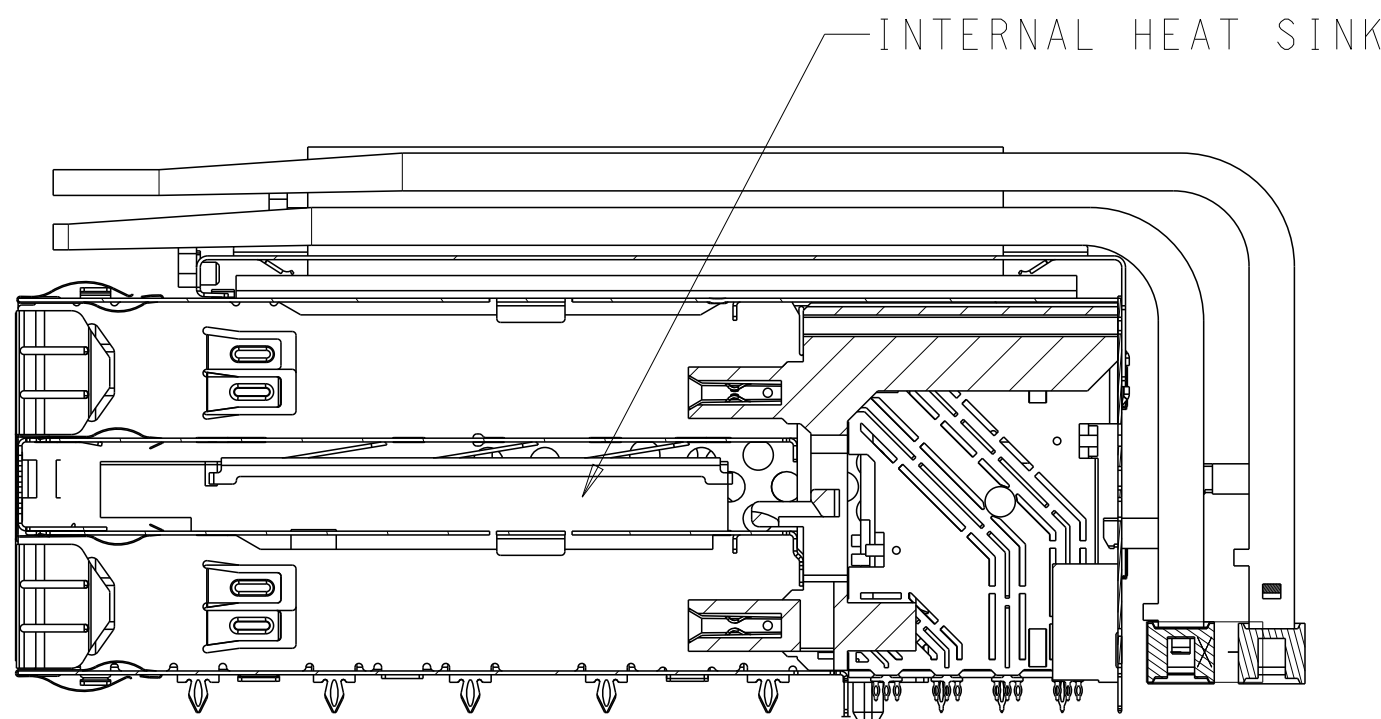
2299924-5 SECTION VIEW
THE SAME AS 2299924-1 EXCEPT THE LONGER INTER HEAT SINK
SECTION V-V
SCALE 2:1



35.40

- A -

2299924-7
SCALE 2:1

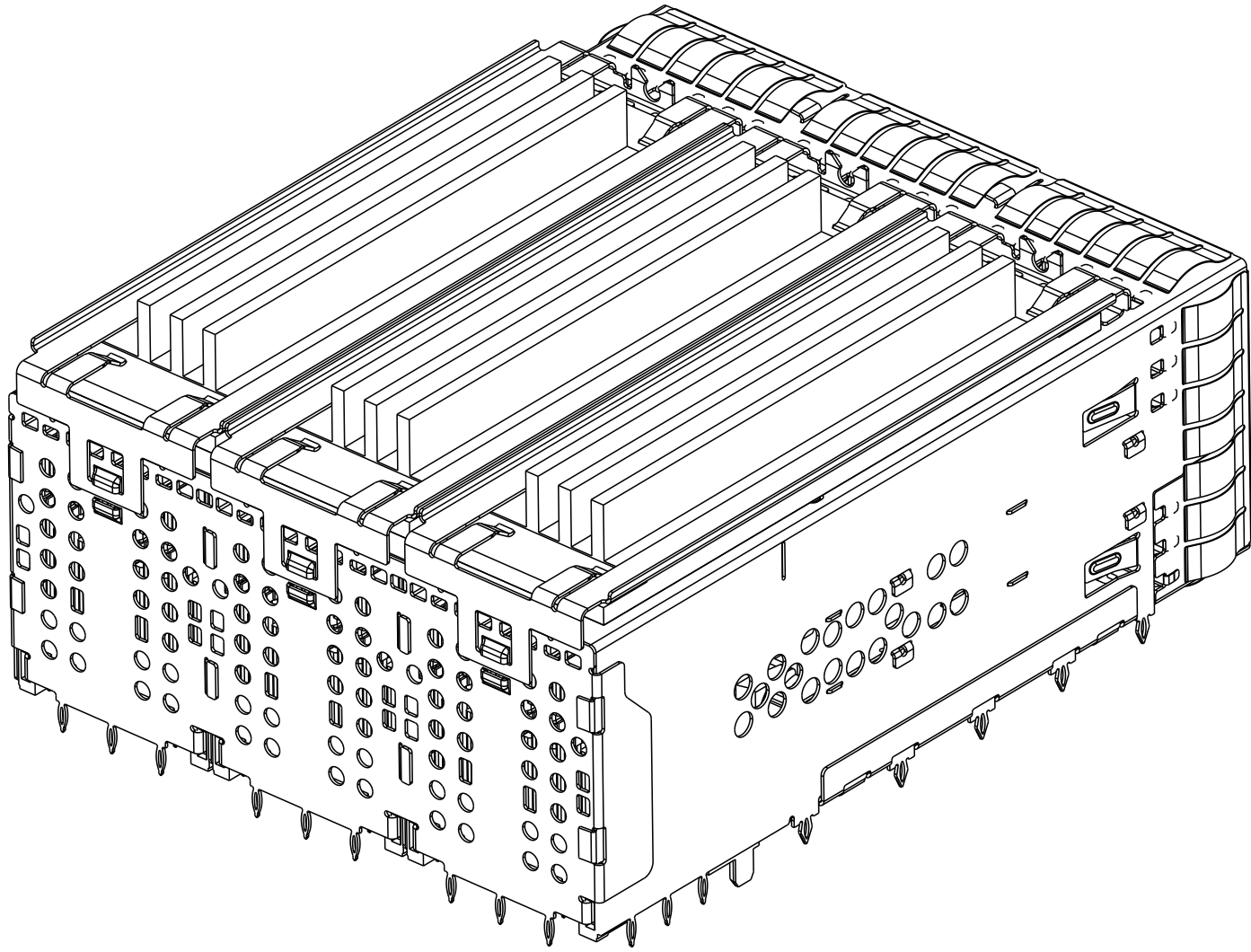


INTERNAL HEAT SINK

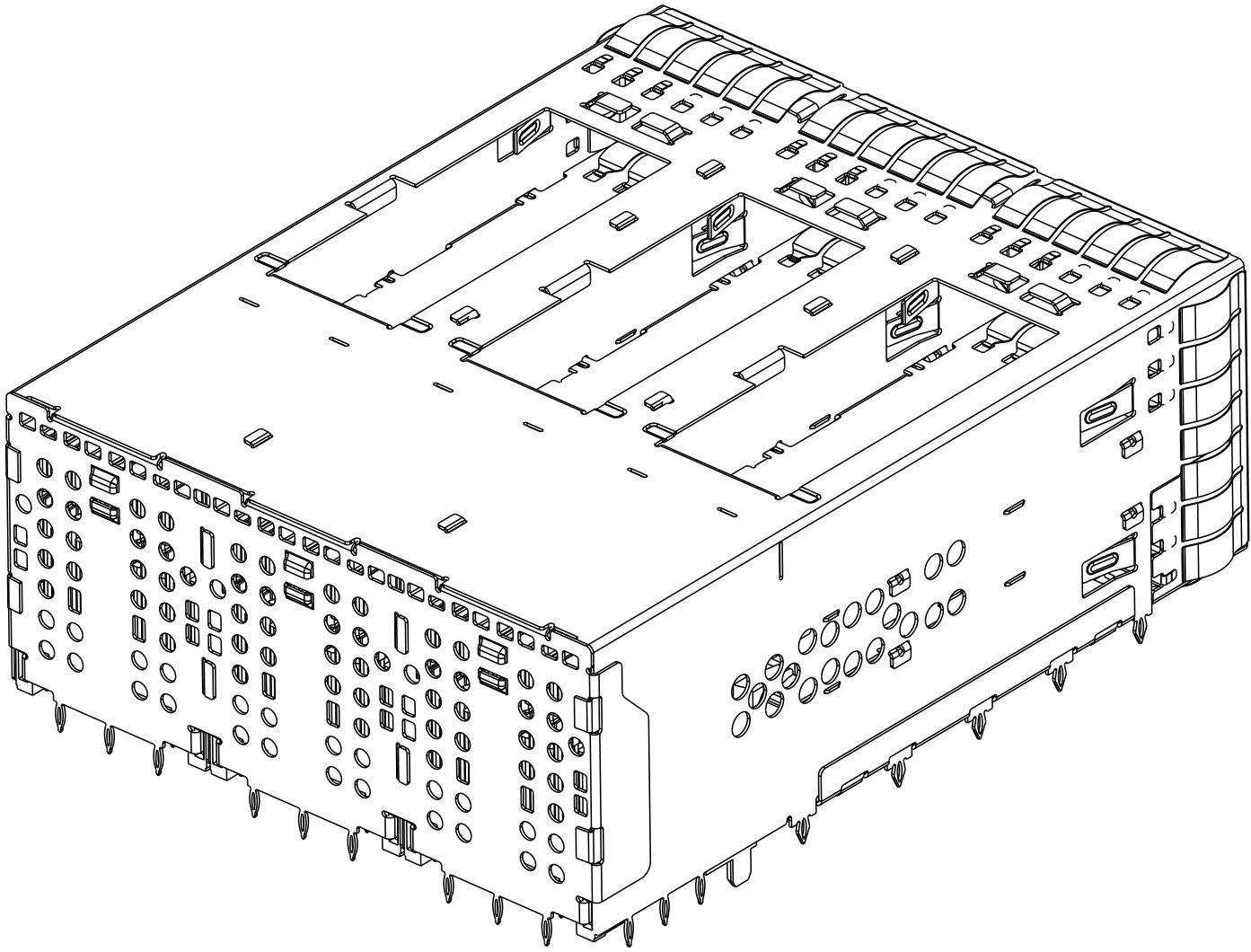
2299924-7
SECTION V-V
SCALE 2:1

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

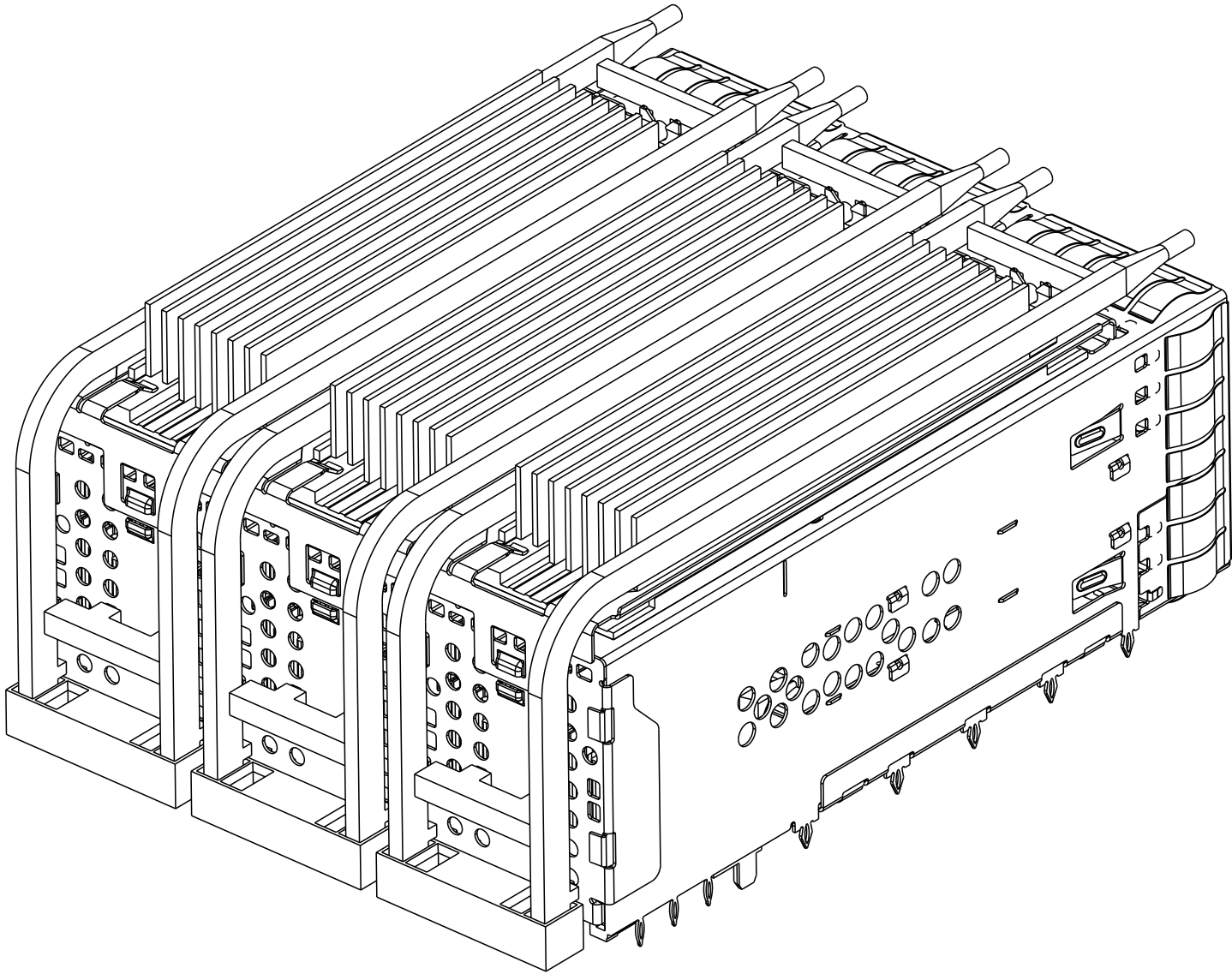
LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



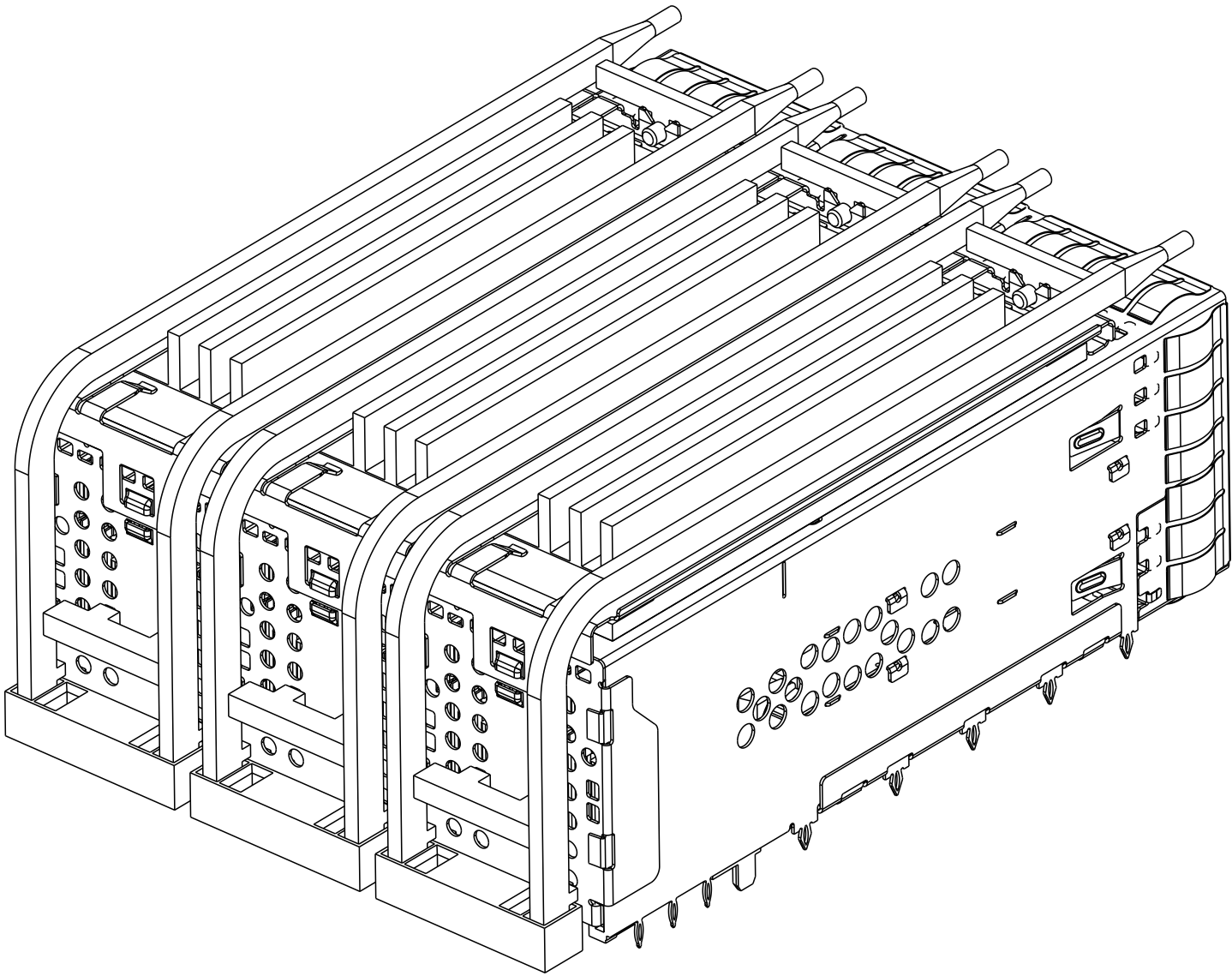
2299924-2 AS SHOWN
THE SAME AS 2299924-5 EXCEPT
W/O LIGHT PIPE AND ORGANIZER
SCALE 2:1



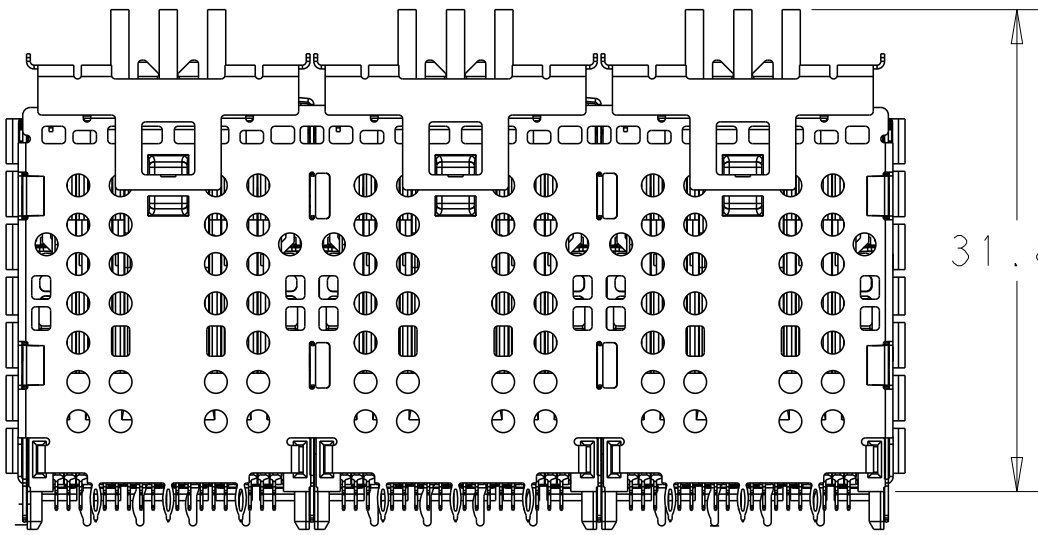
2299924-4 AS SHOWN
THE SAME AS 2299924-2 EXCEPT
WITHOUT EXTERNAL HEAT SINK AND LP
SCALE 2:1



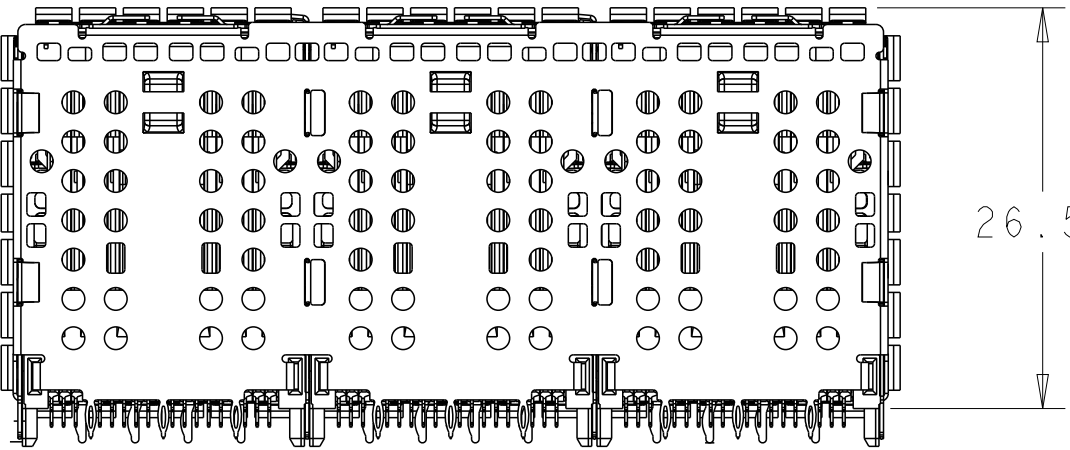
2299924-6
SCALE 2:1



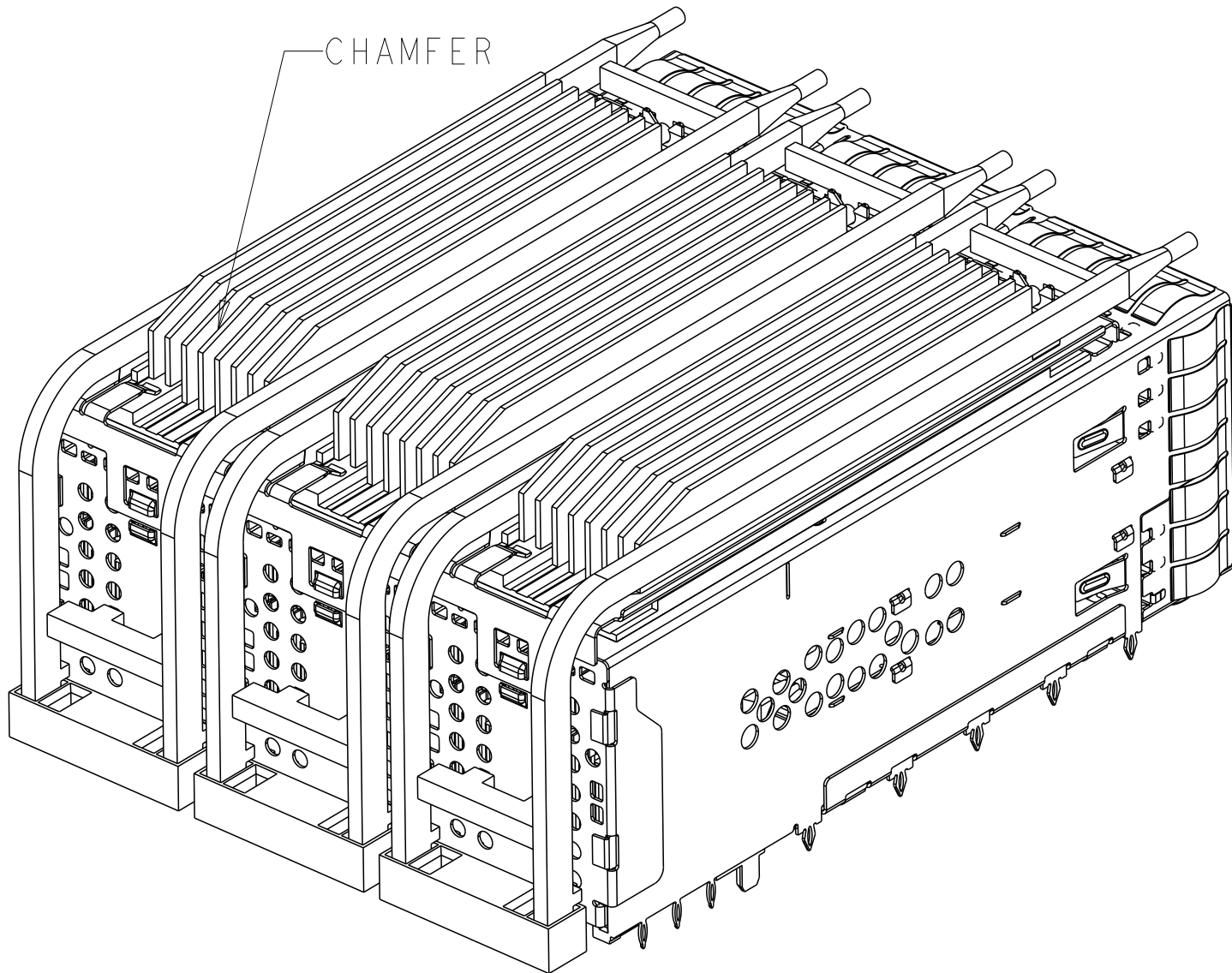
1-2299924-0
SCALE 2:1



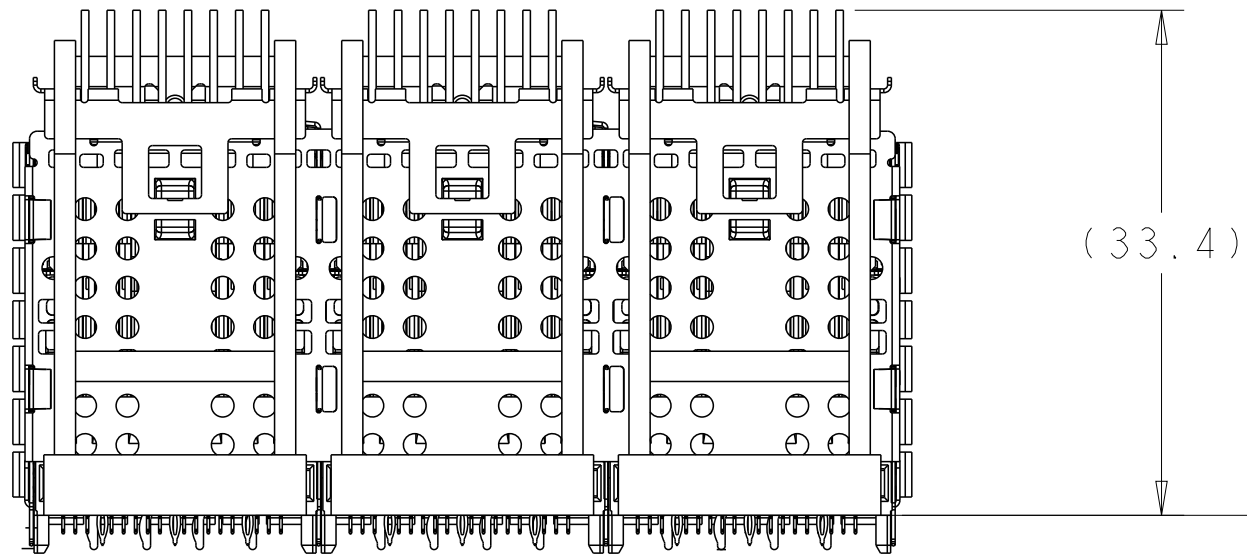
2299924-2
SCALE 2:1



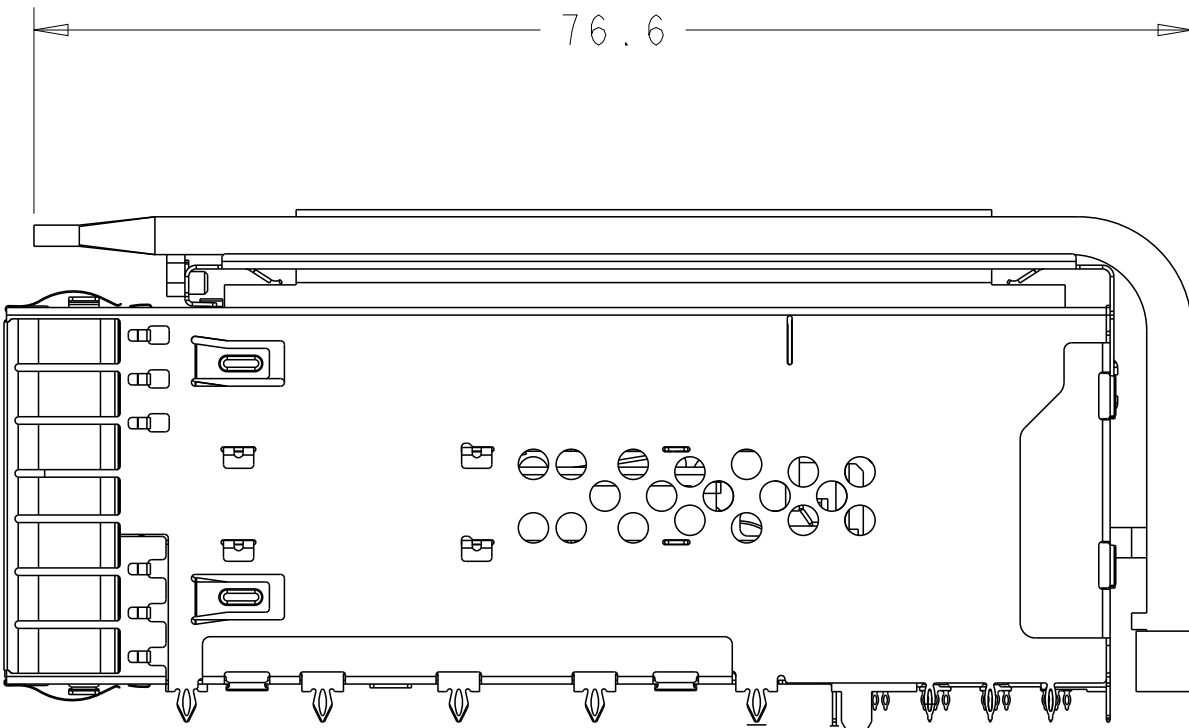
2299924-4
SCALE 2:1



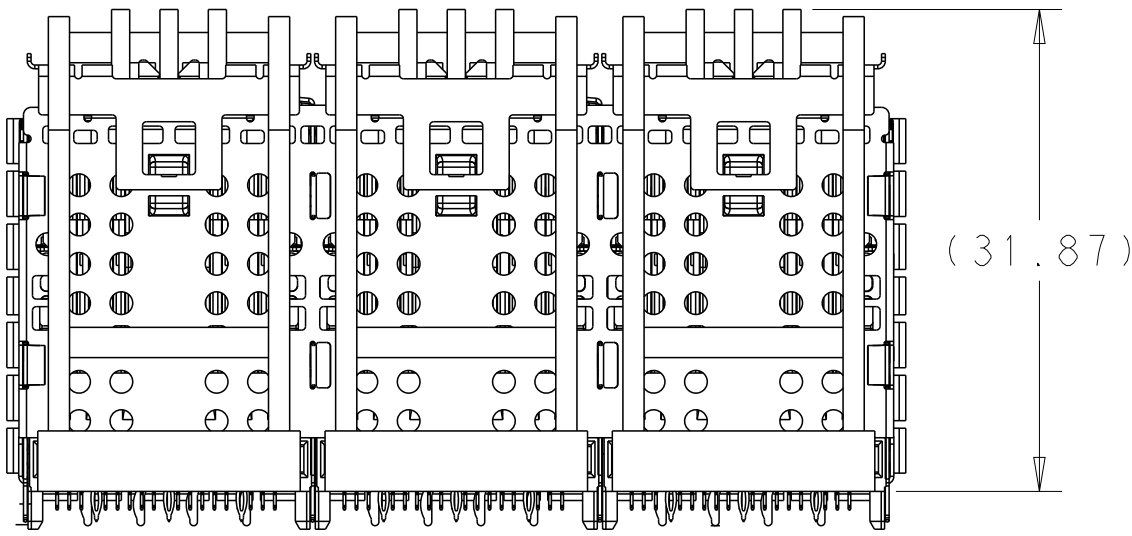
1-2299924-6
2-2299924-6
SCALE 2:1



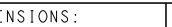
2299924-6
1-2299924-6
2-2299924-6
SCALE 2:1



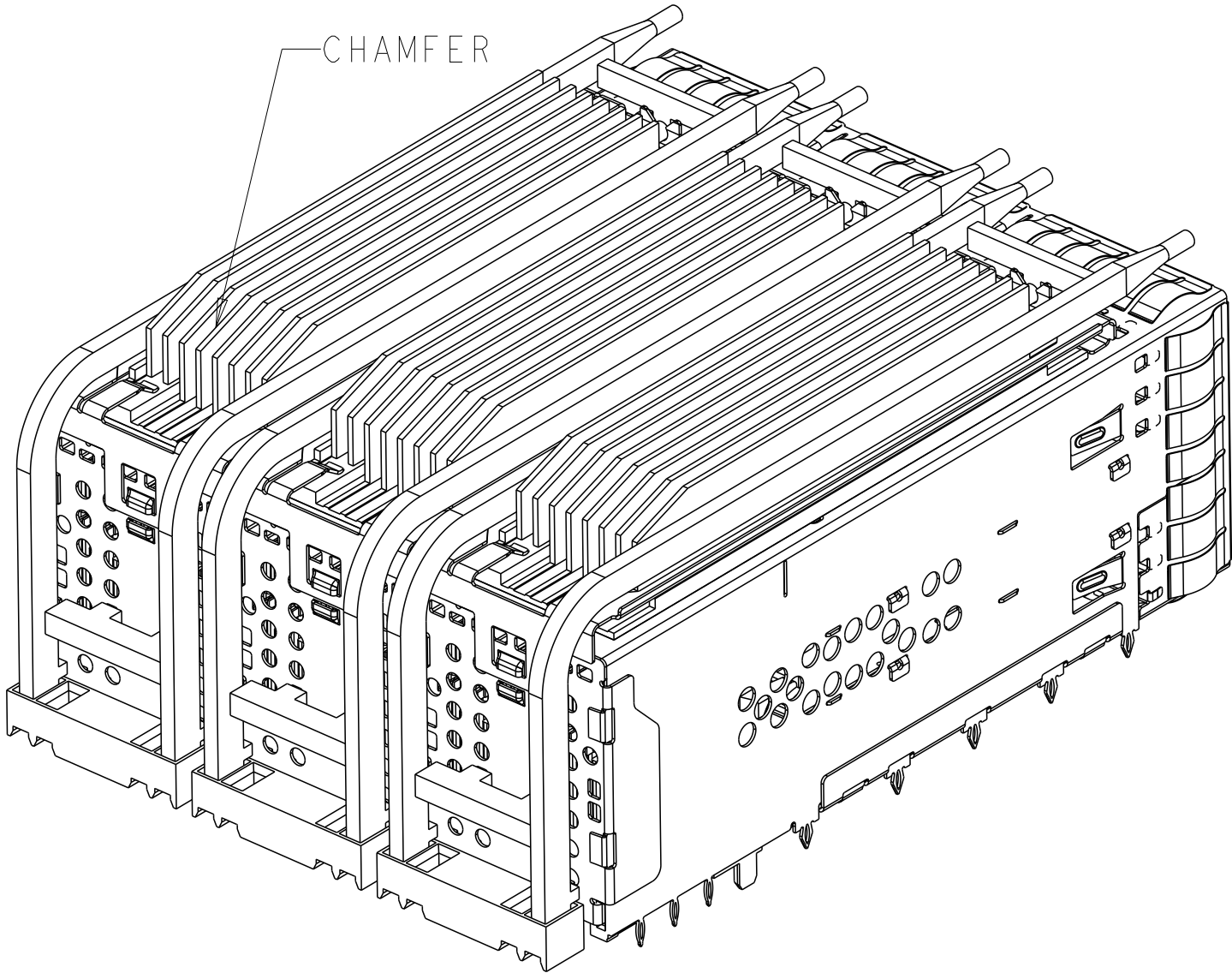
SCALE 2:1



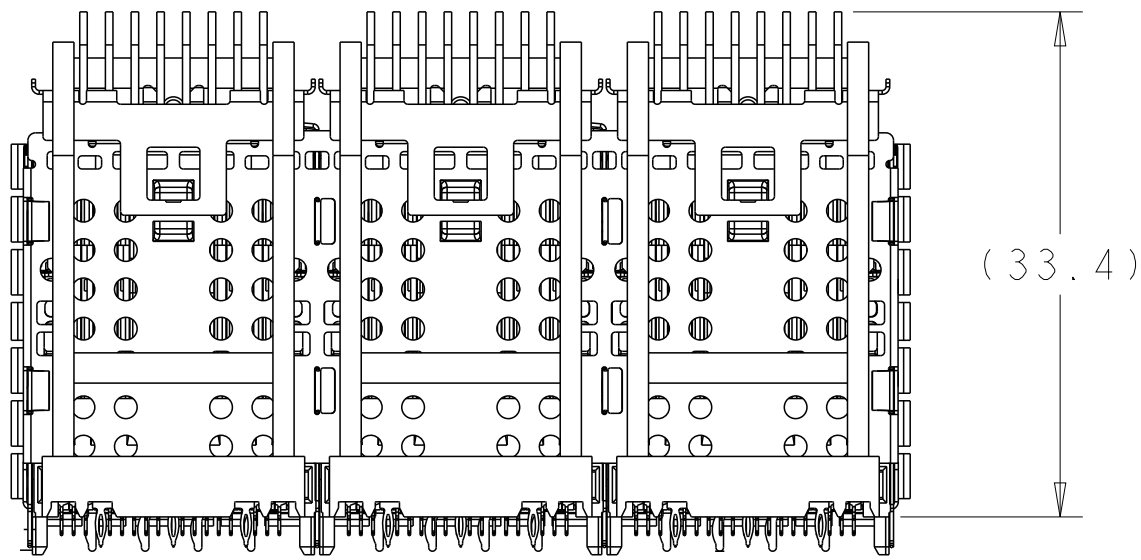
SCALE 2:1

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	
		PRODUCT SPEC		CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS			
		APPLICATION SPEC					
		RESTRICTED TO					
		SIZE					
		CAGE CODE					
DRAWING NO		A1		00779		C=2299924	
MATERIAL		FINISH		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

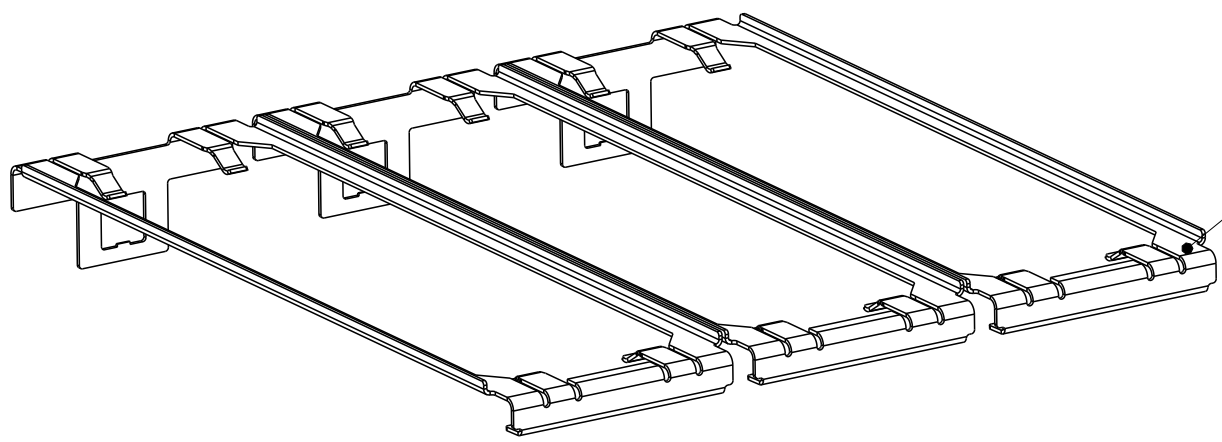


3-2299924-6
SCALE 2:1

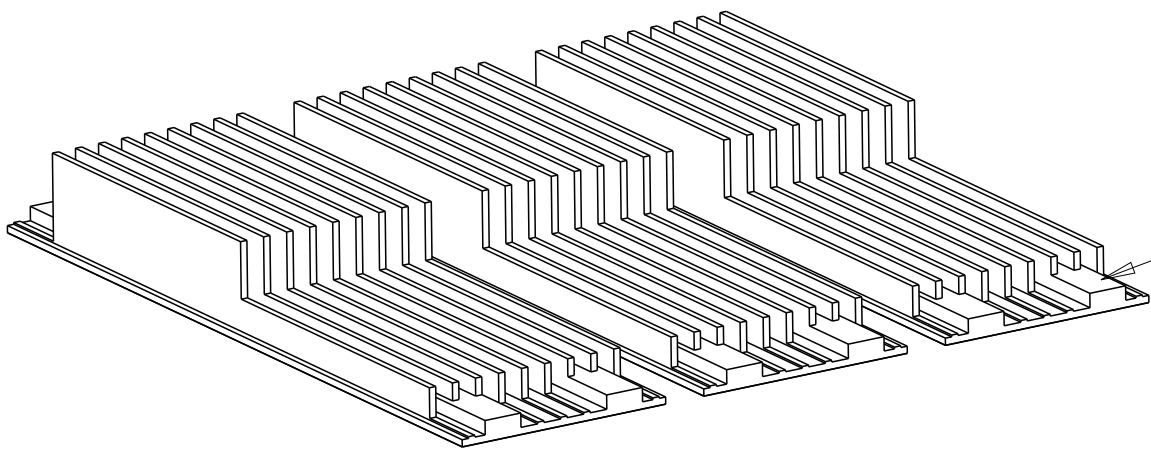
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ARTHUR JIN 20JAN2016	TE Connectivity	
		CHK SEAN HAN 20JAN2016		
DIMENSIONS:		APVD SEAN HAN 20JAN2016	NAME CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS	
mm		PRODUCT SPEC		
		APPLICATION SPEC	SIZE A1	
		0 PLC ±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

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

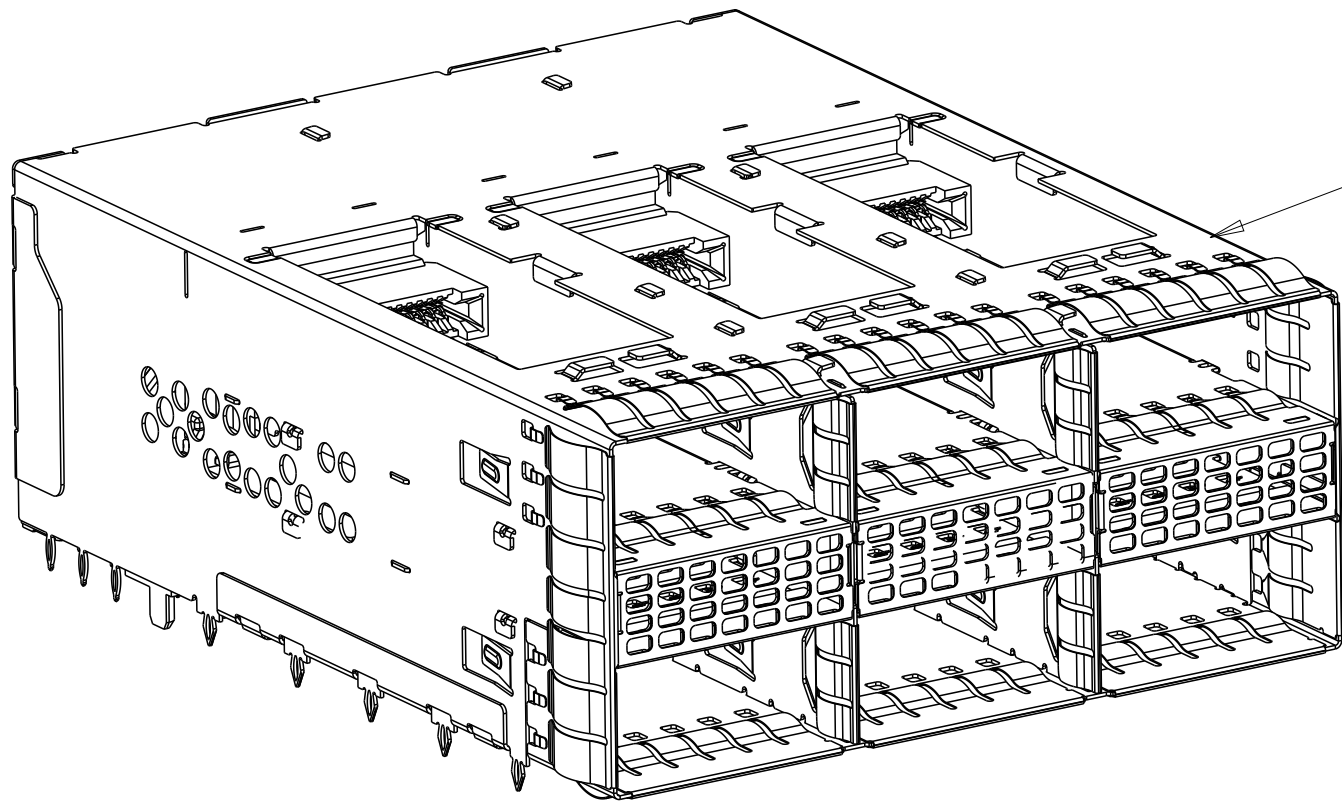
2299924-3 AS SHOWN, KIT PACKAGE



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

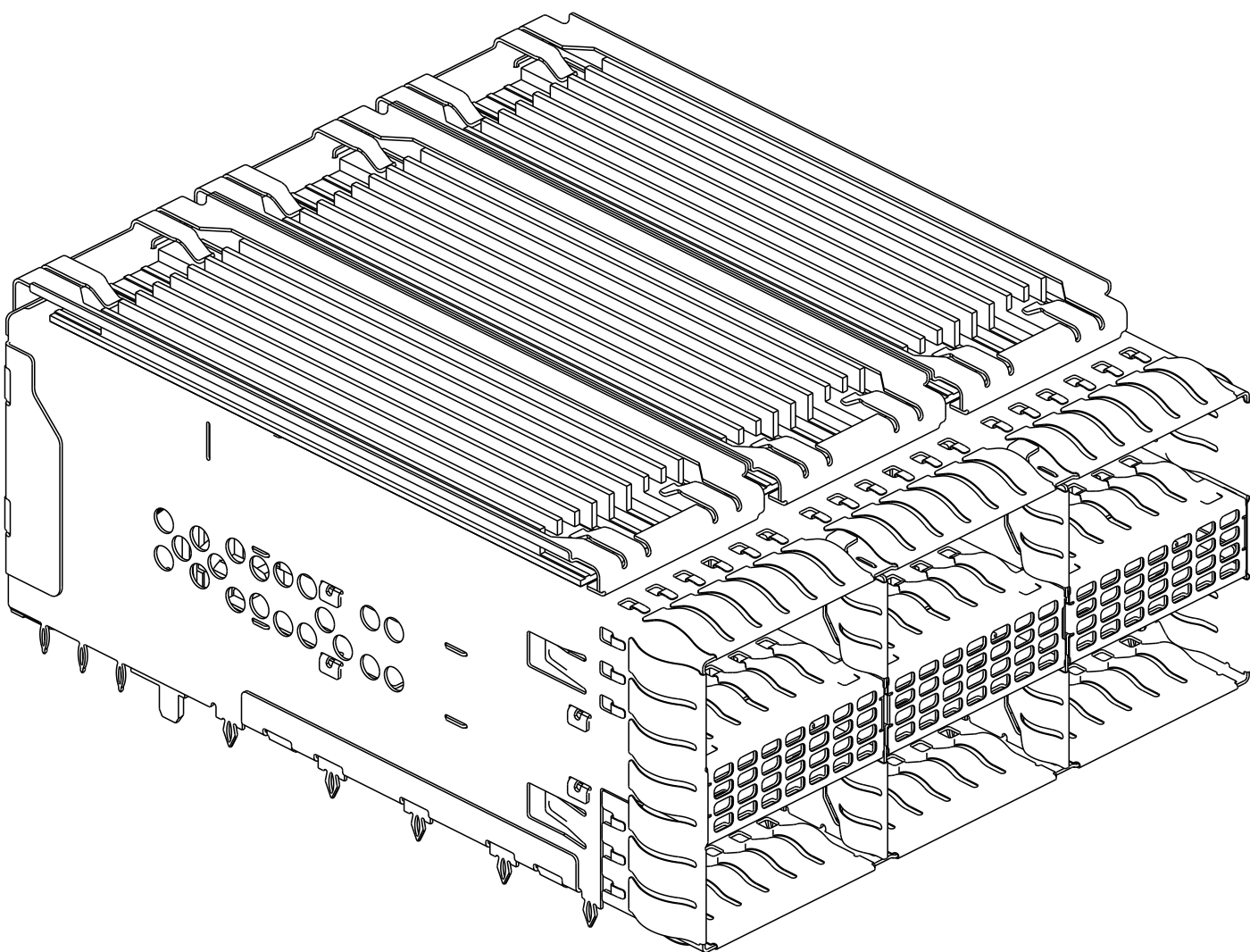


HEAT SINK
P/N: 1-2304280-3

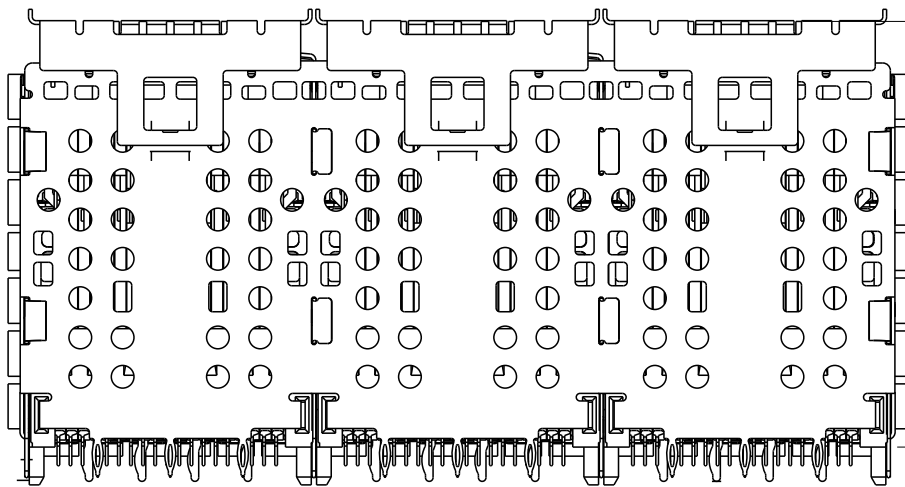


CAGE AND CONNECTOR ASSEMBLY
P/N: 2299924-4

SCALE 2:1

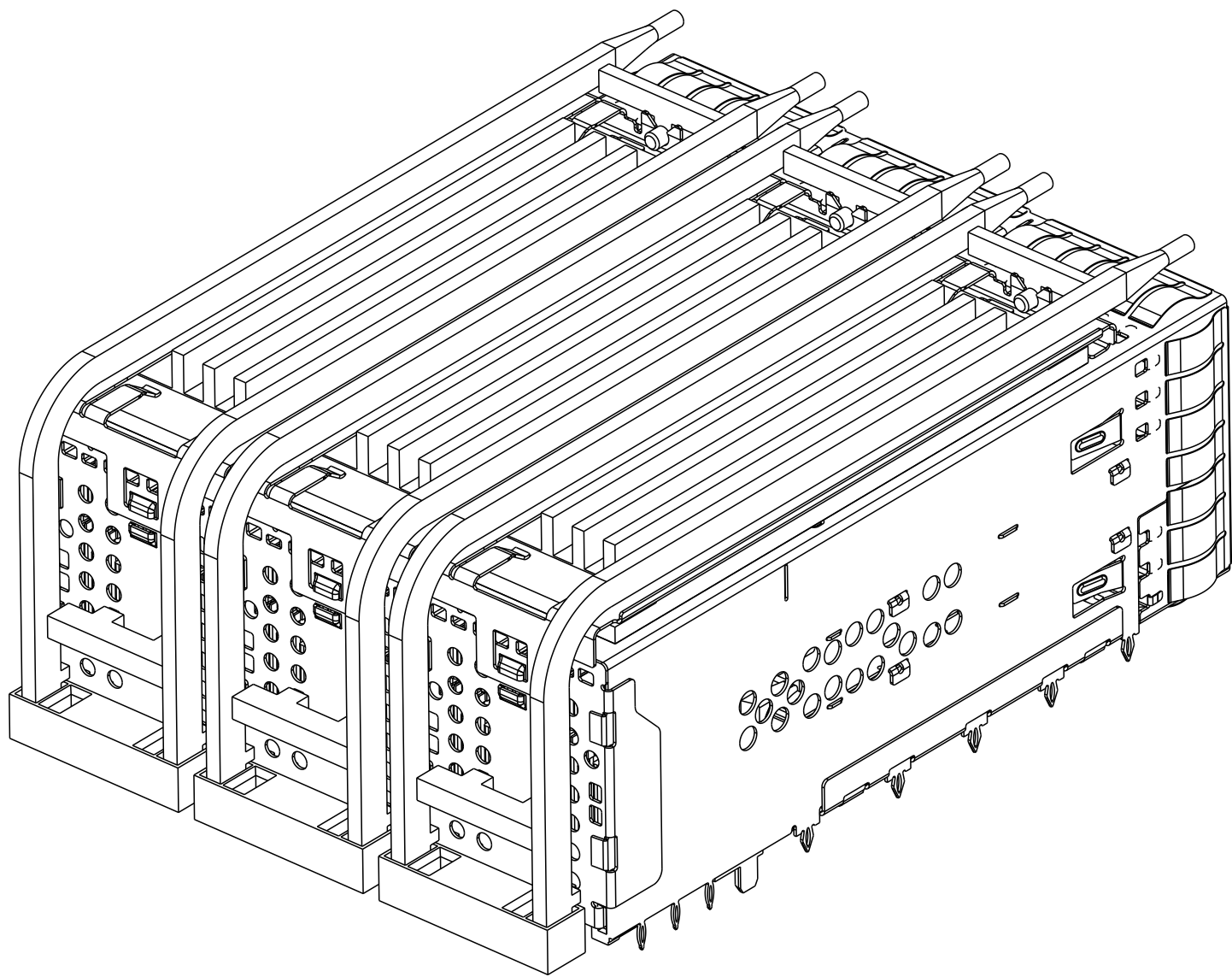


SCALE 2:1

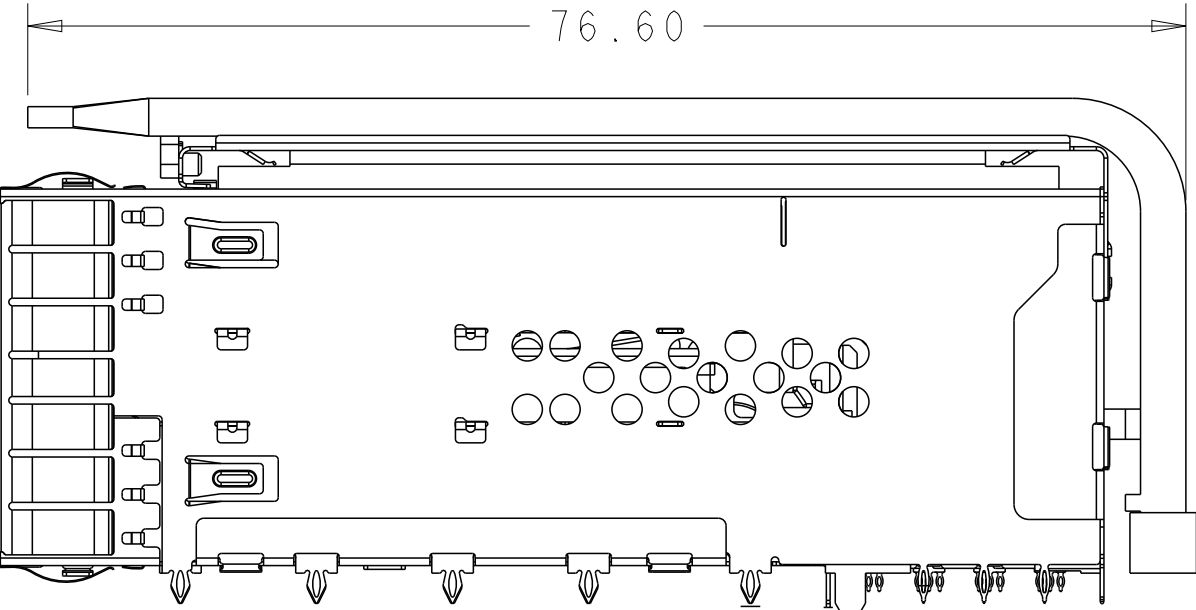


28.15
HEAT SINK HEIGHT

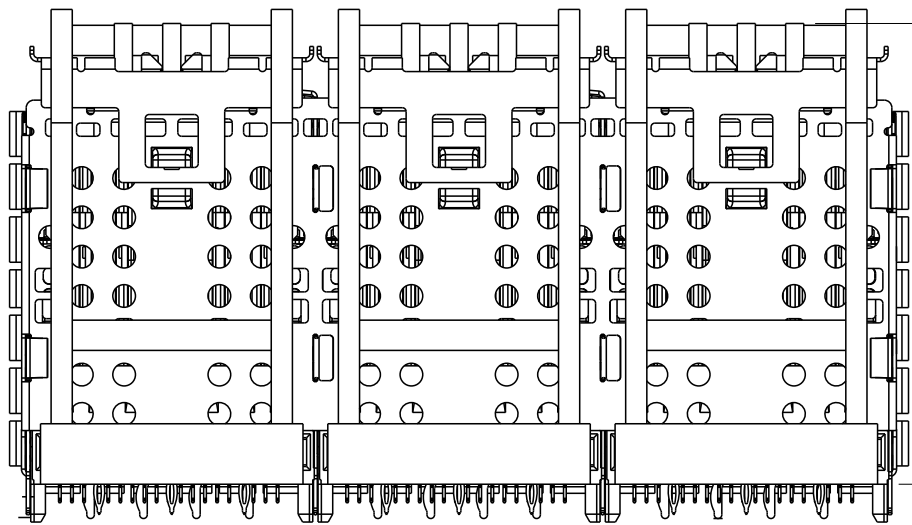
1-2299924-3 AS SHOWN
SCALE 2:1



SCALE 2:1



SCALE 2:1

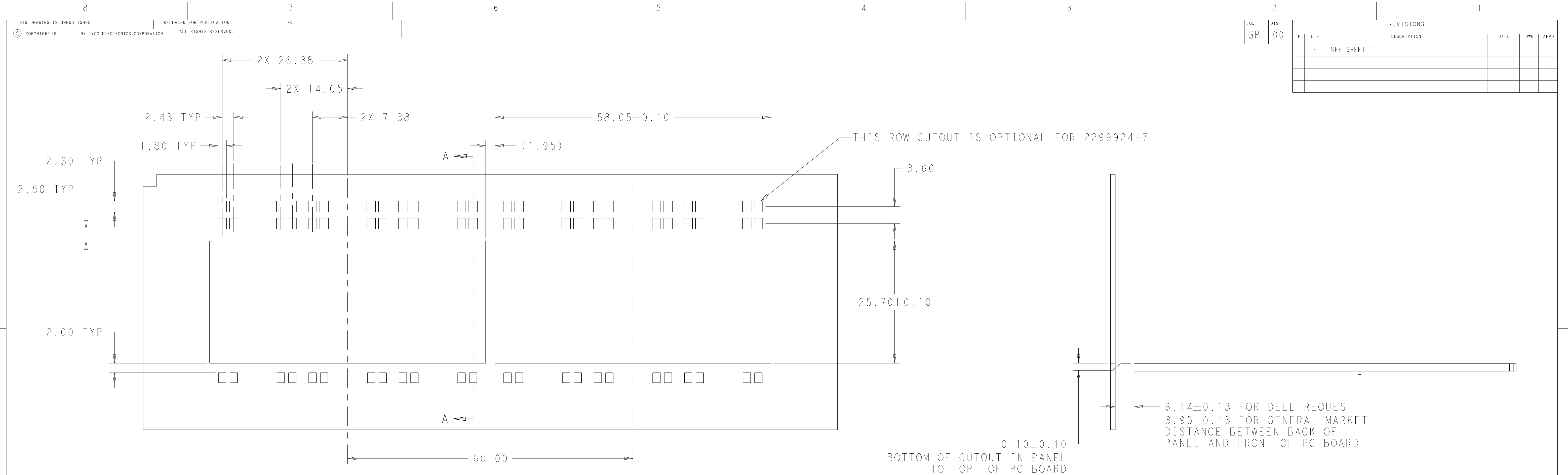


(31.37)
AFTER PLUGGED

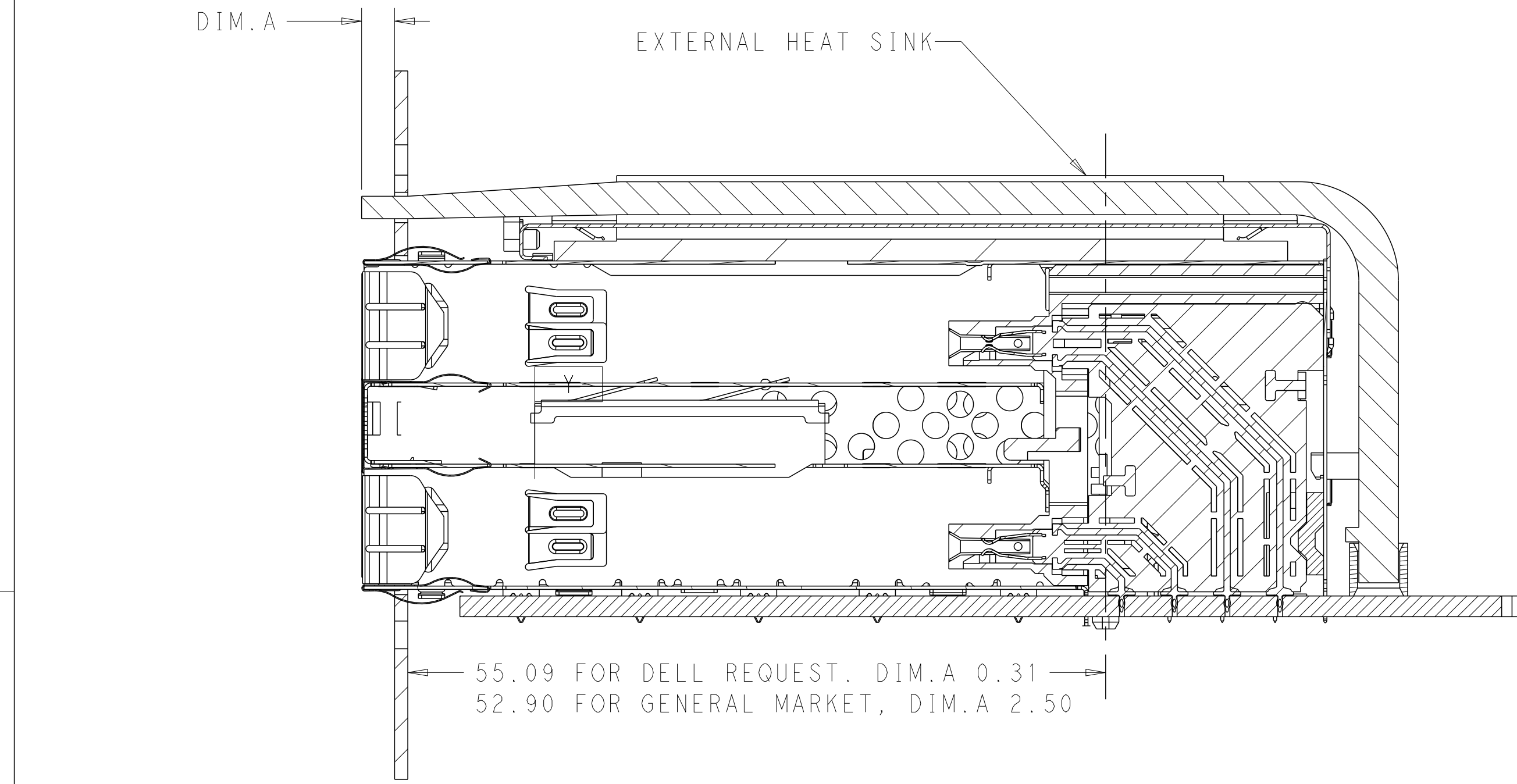
2299924-8 AS SHOWN
SCALE 2:1

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

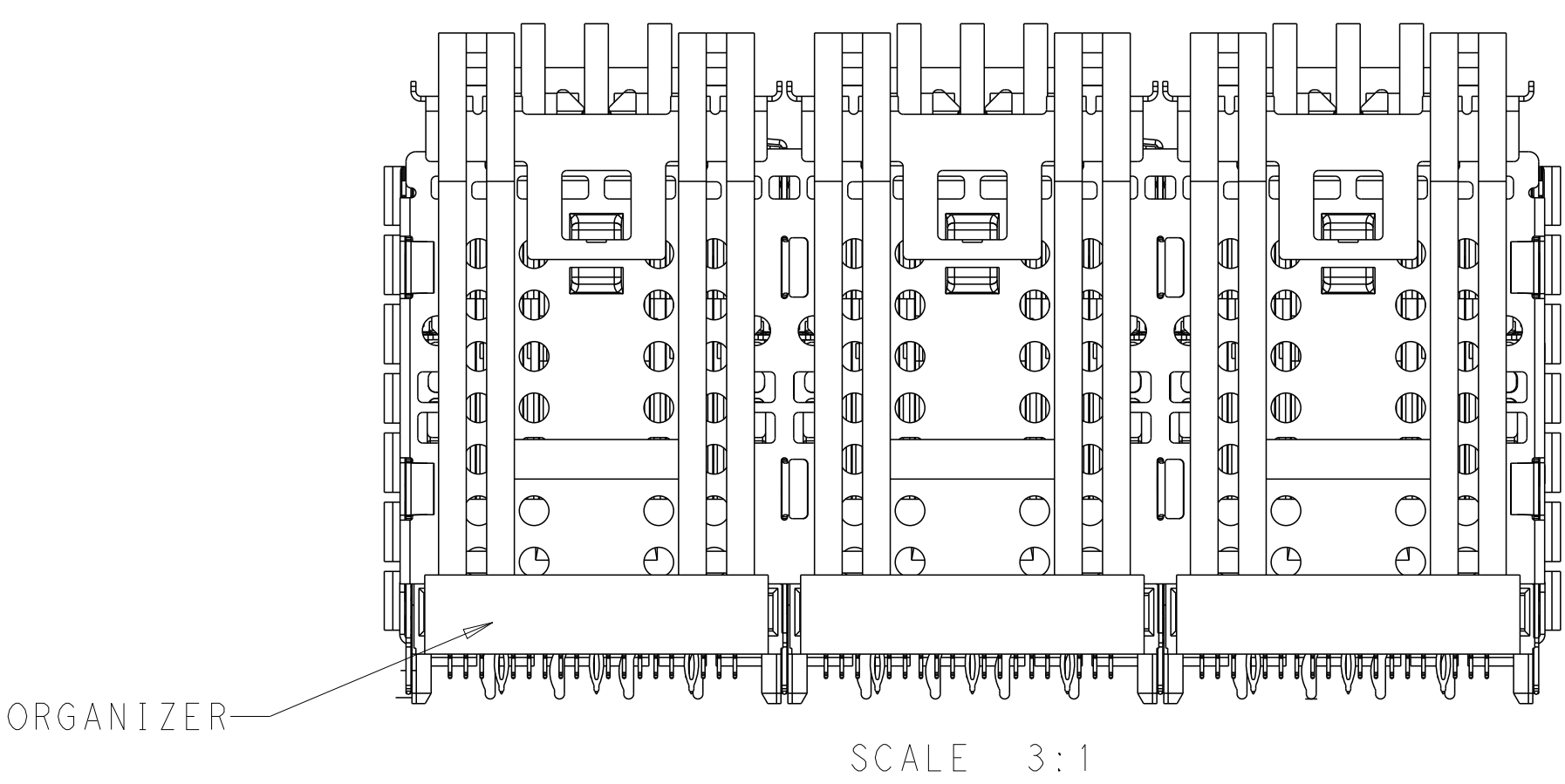
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CHK APVD SEAN HAN 20JAN2016	 TE Connectivity
DIMENSIONS:		20JAN2016	
mm		PRODUCT SPEC	
		APPLICATION SPEC	



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



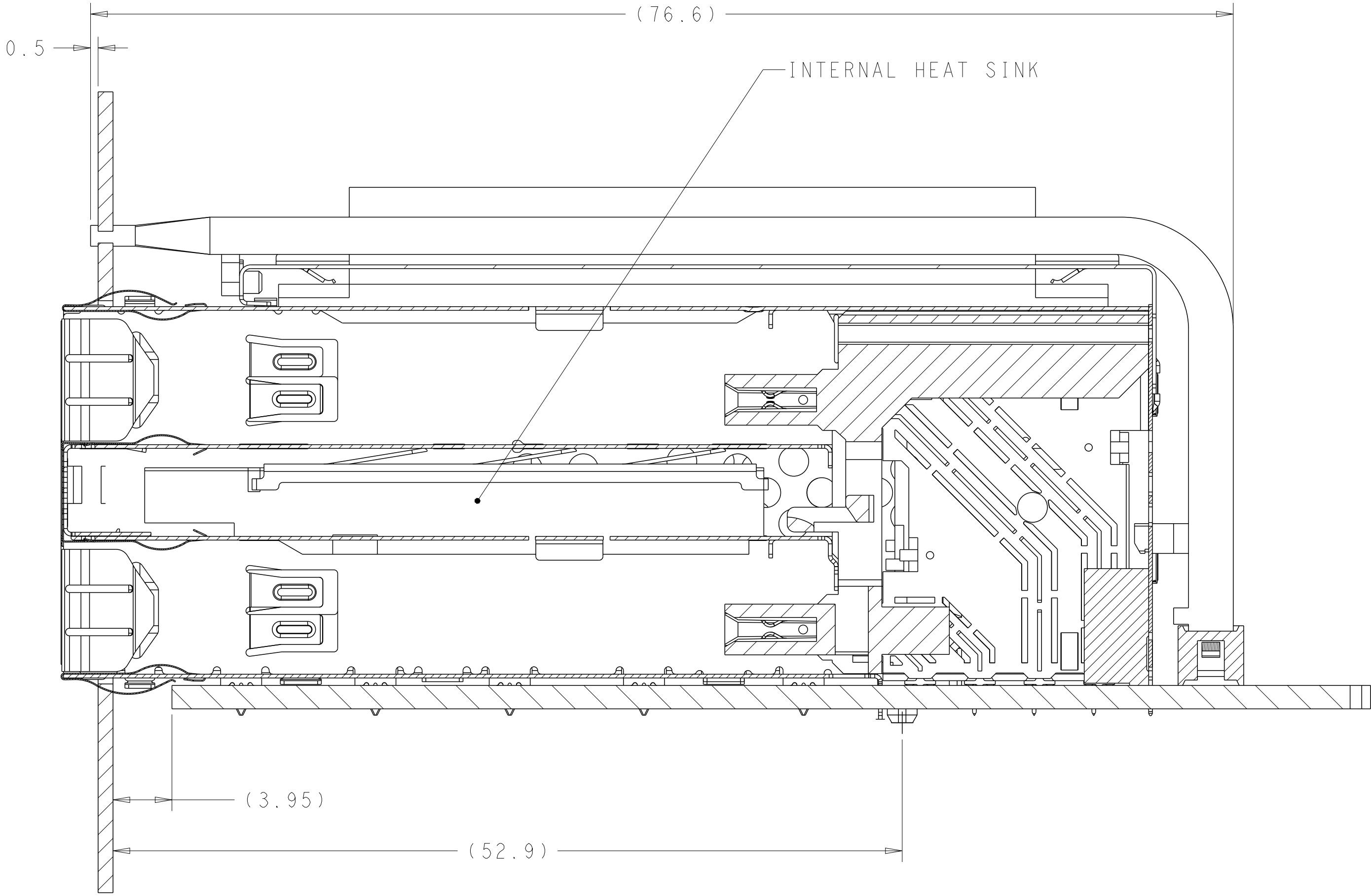
SECTION A-A
SCALE 3:1



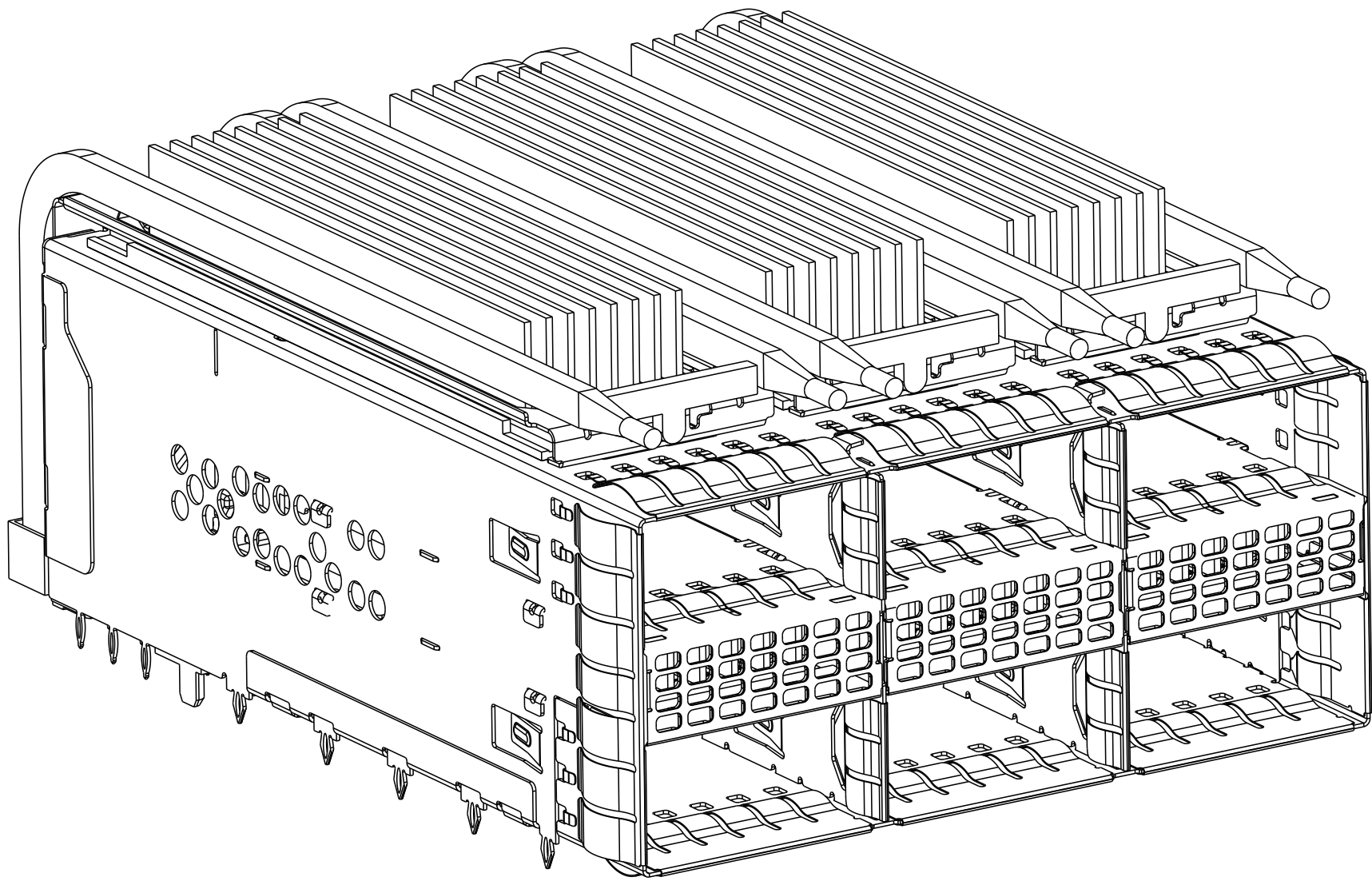
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN ARTHUR JIN 20JAN2016		
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 ZQSF+ STACKED WITH HS
	0 PLC ±	PRODUCT SPEC	SIZE	A100779
	1 PLC ±0.25	APPLICATION SPEC	CAGE CODE	2299924
MATERIAL	2 PLC ±0.15	WEIGHT	DRAWING NO	RESTRICTED TO
SEE NOTE 1	3 PLC ±	CUSTOMER DRAWING	SCALE	1:1
	4 PLC ±		SHEET	6 OF 10
	ANGLES ±		REV	G
	FINISH ±			

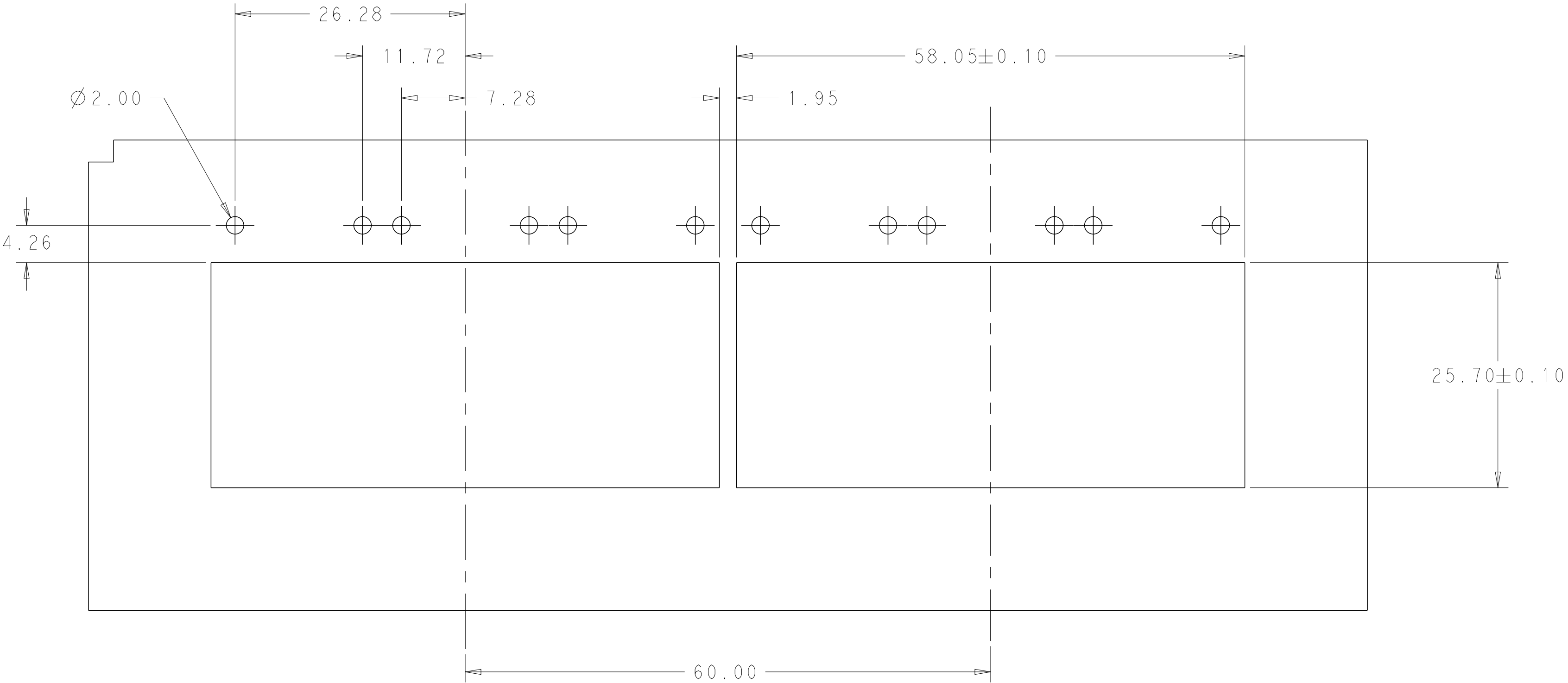
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



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



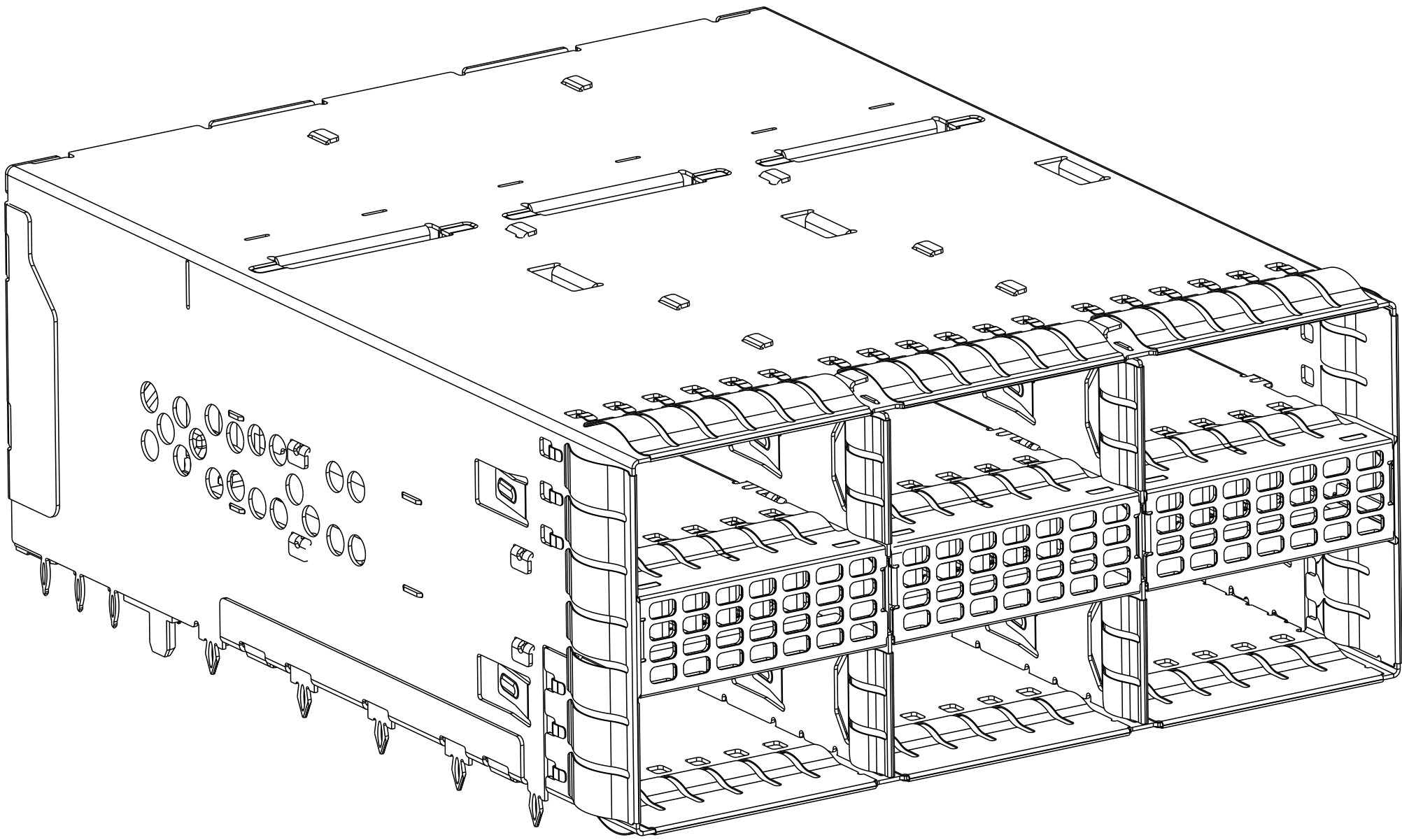
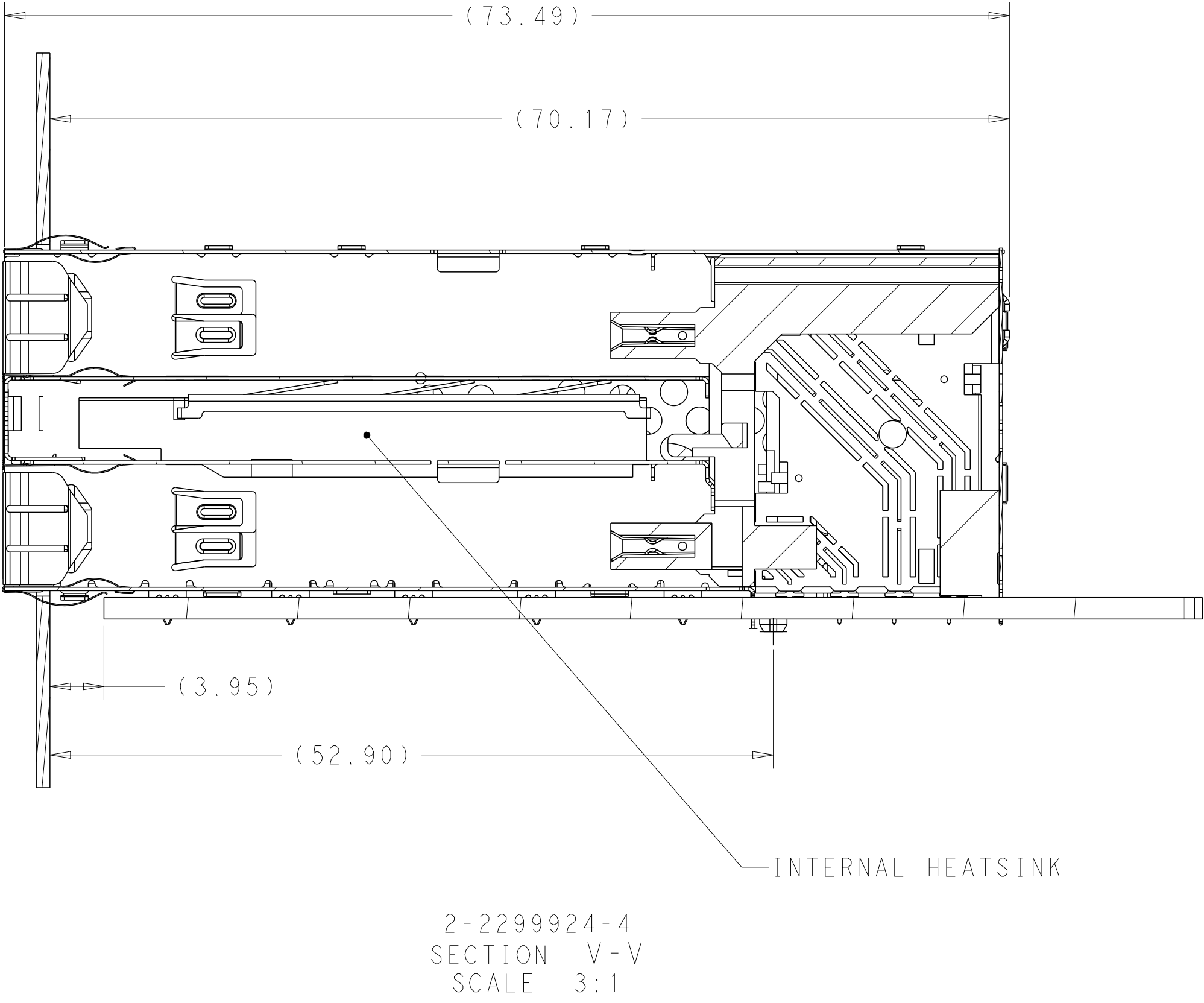
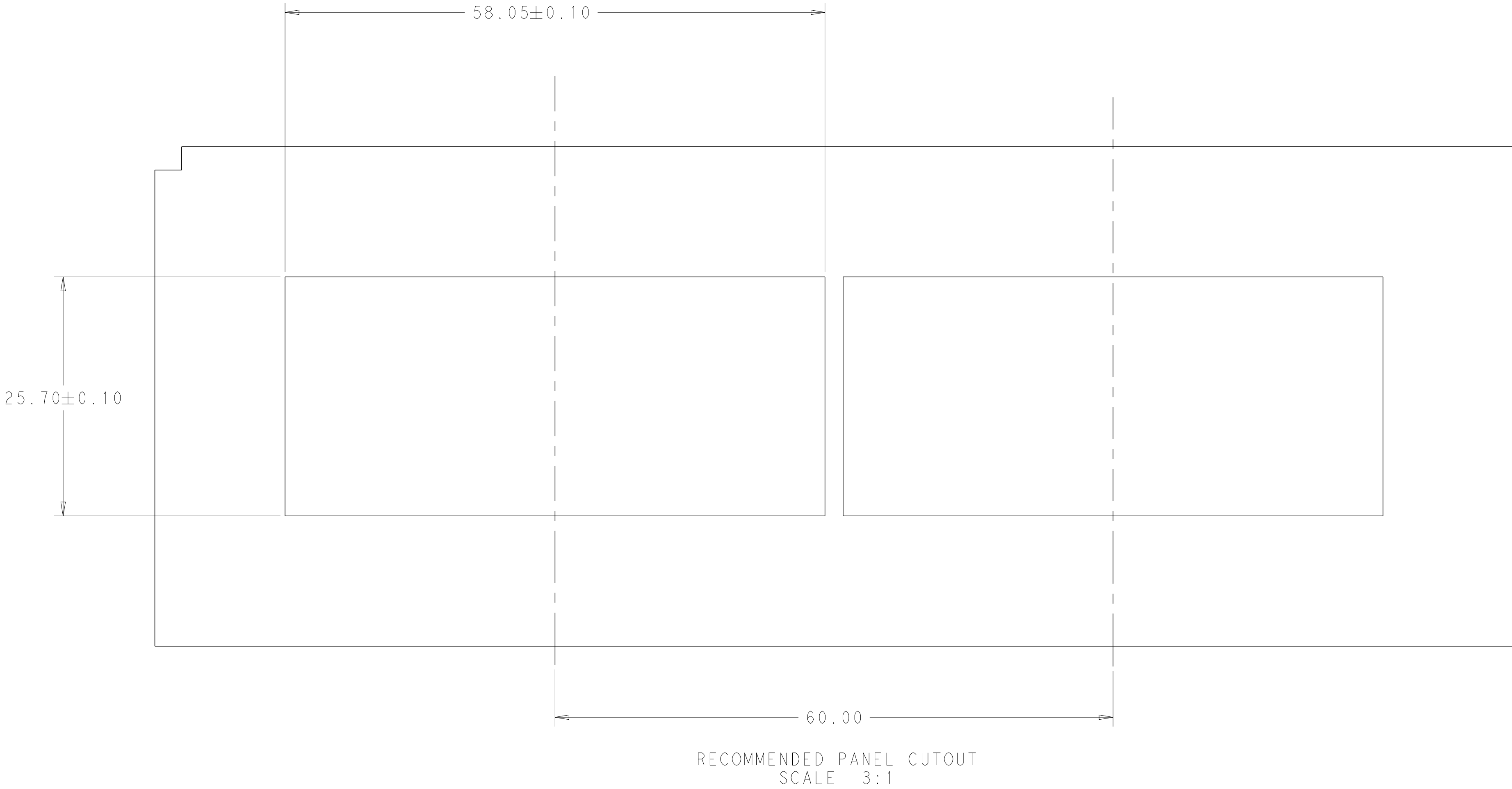
2299924-6
SCALE 5:2



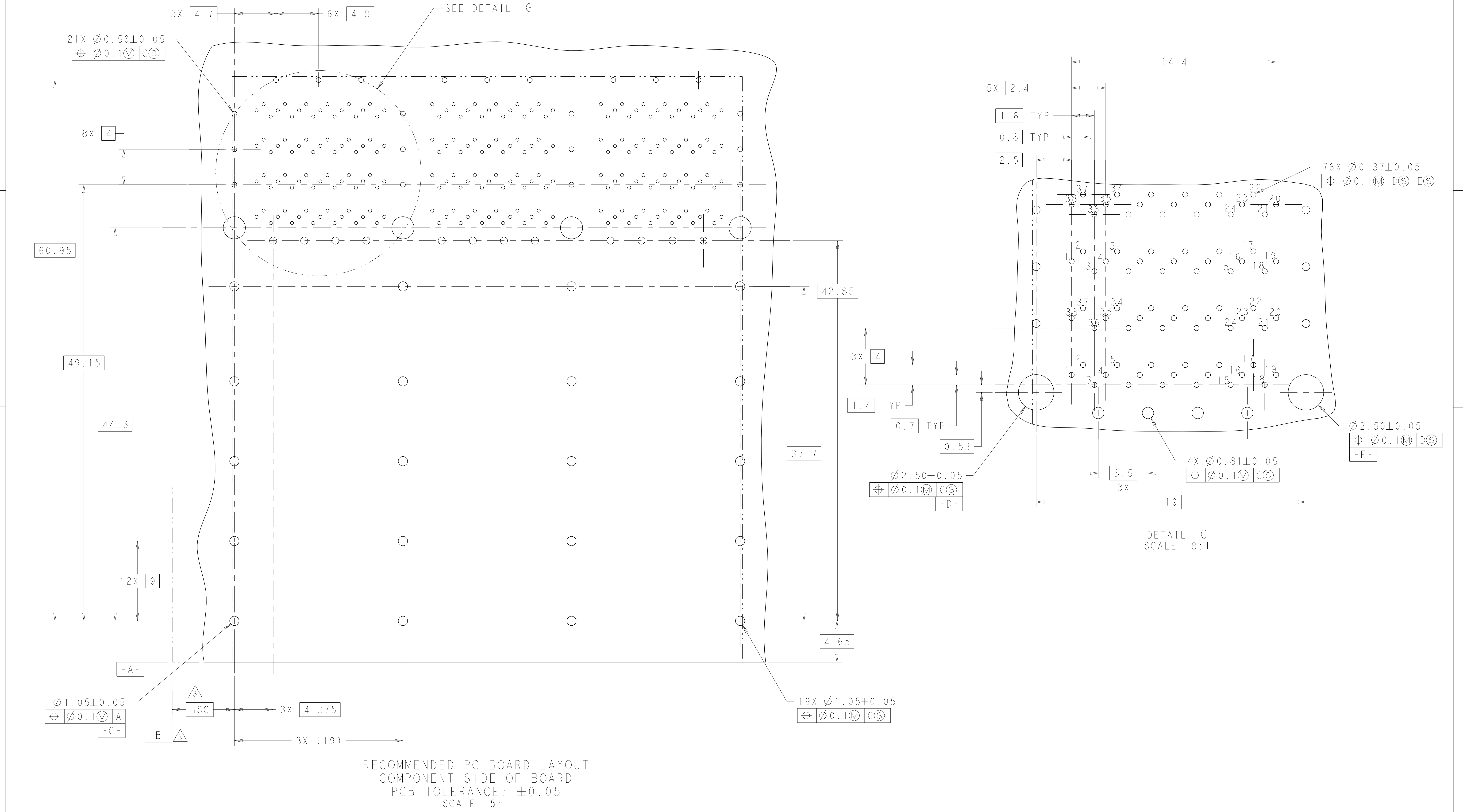
2299924-6
1-2299924-0
1-2299924-6
2-2299924-6
3-2299924-6
RECOMMENDED PANEL CUTOUT
SCALE 5:2

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: ARTHUR JIN 20JAN2016

CHK: SEAN HAN 20JAN2016

APVD: SEAN HAN 20JAN2016

NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.25

±0.15

±

±

±

±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.25

±0.15

±

±

±

±

MATERIAL

SEE NOTE 1

SEE NOTE 2

CUSTOMER DRAWING

SIZE

CAGE CODE

DRAWING NO

DRAWING NO

RESTRICTED TO

A1

00779

C=2299924

-

SCALE

1:1

SHEET

9

OF

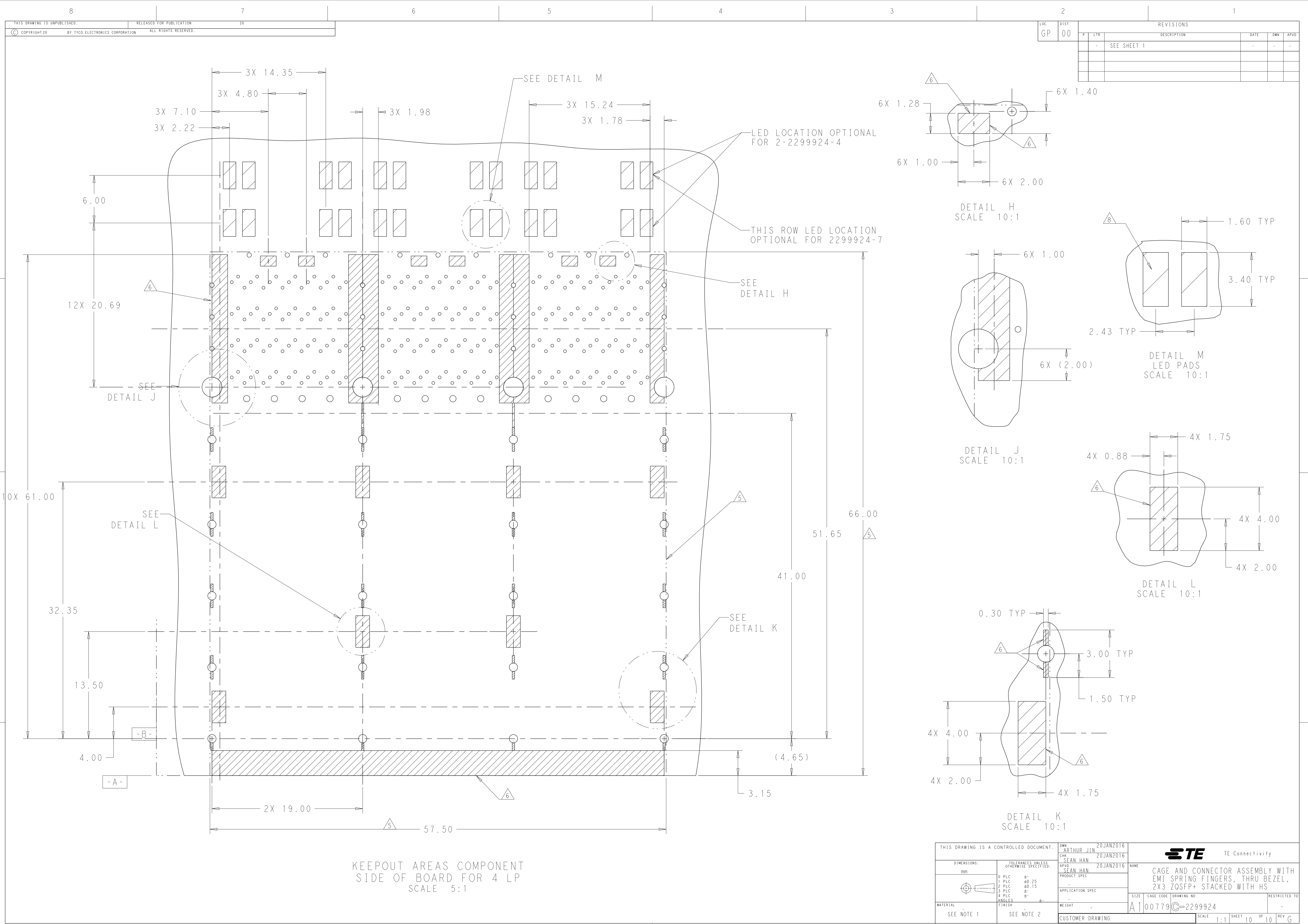
10

REV

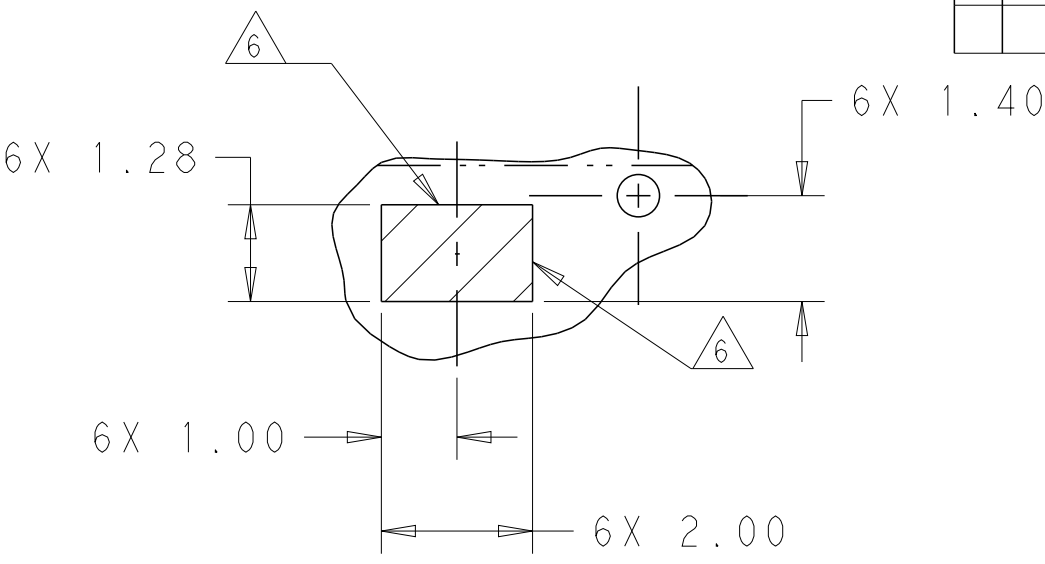
G

TE Connectivity

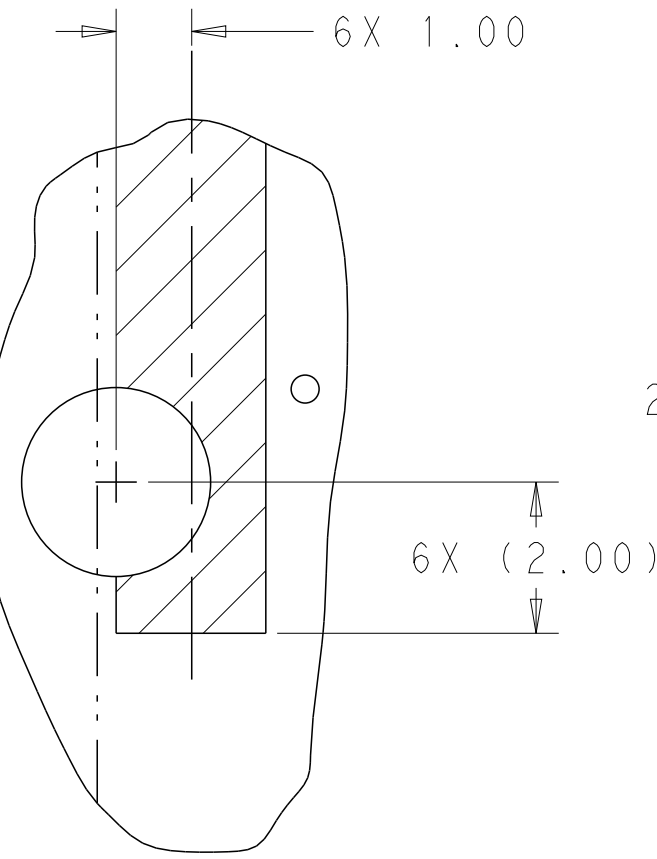
CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X3 ZQSFP+ STACKED WITH HS



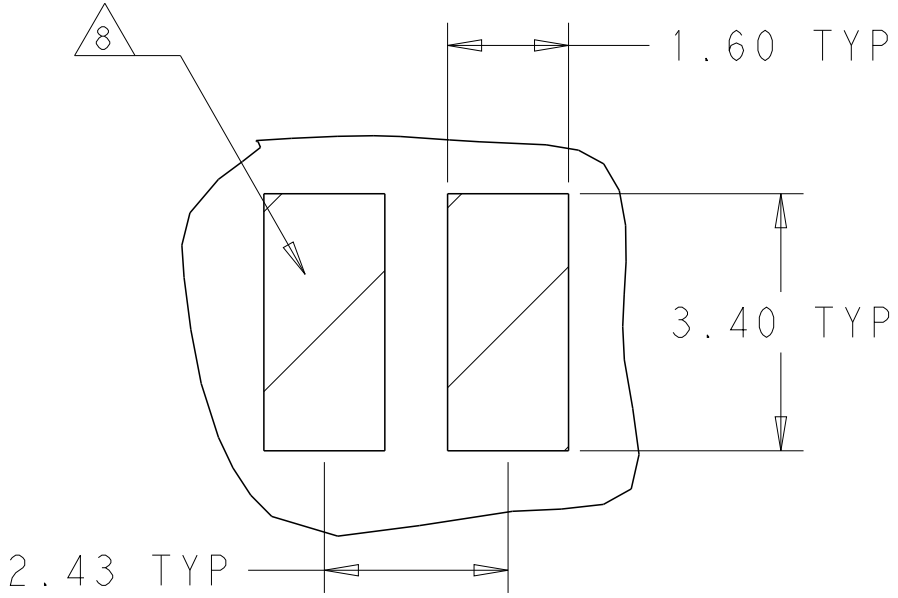
LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



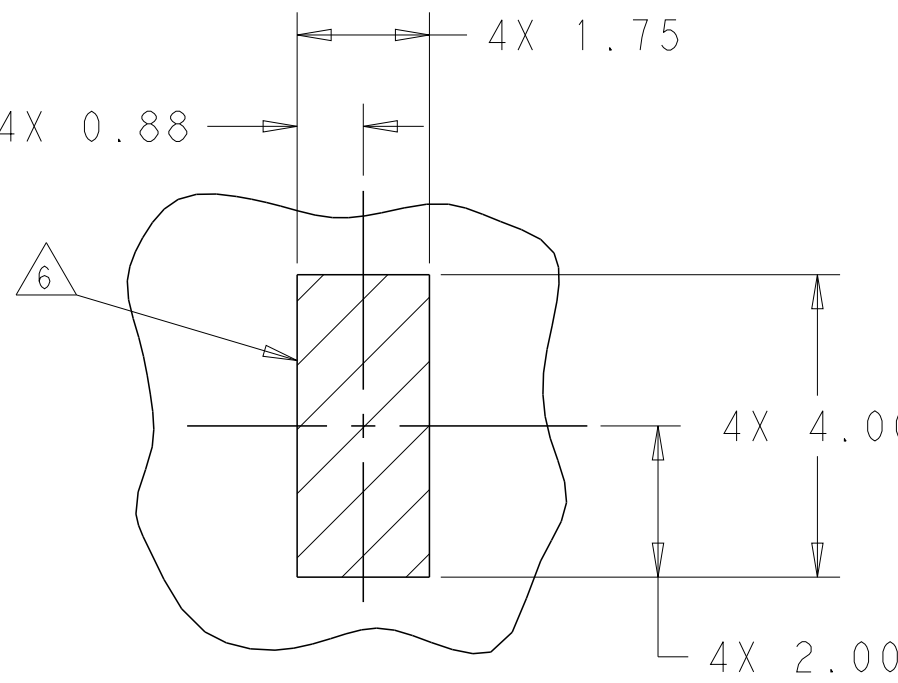
DETAIL H
SCALE 10:1



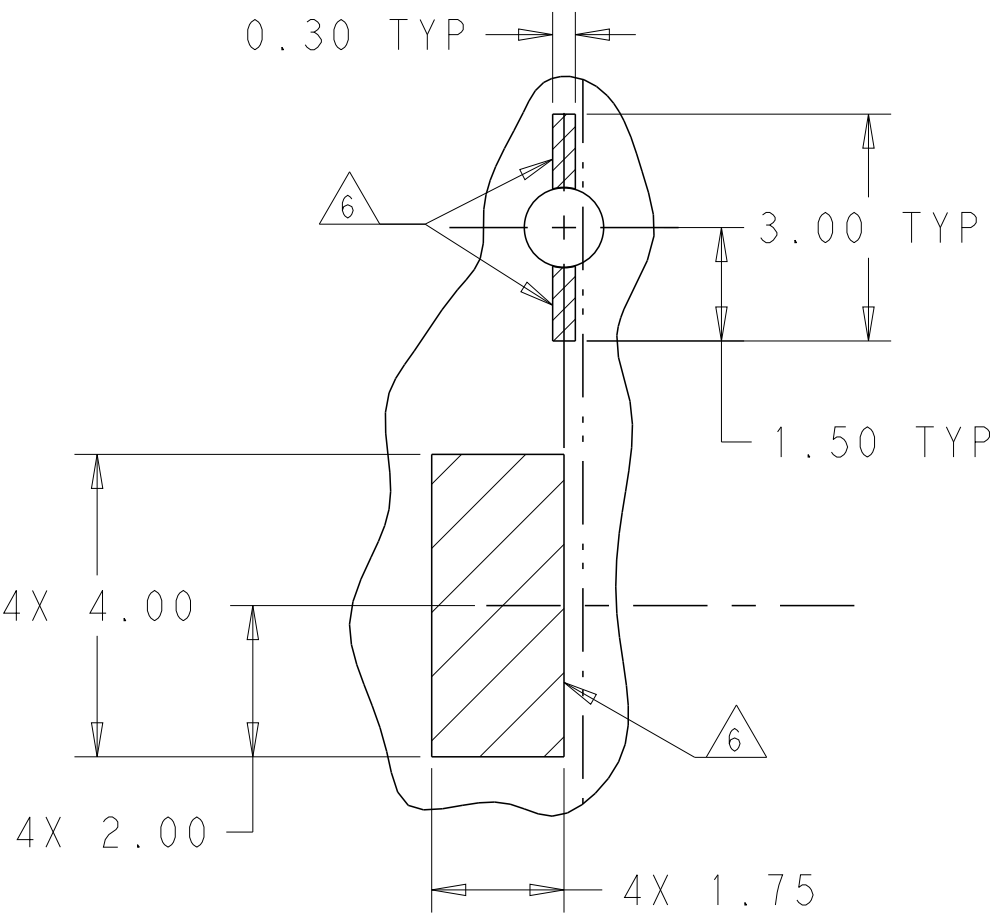
DETAIL J
SCALE 10:1



DETAIL M
LED PADS
SCALE 10:1

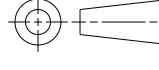
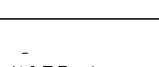


DETAIL L
SCALE 10:1



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 ±0.25	PRODUCT SPEC	SIZE:	A100779
	1 PLC ±0.15	APPLICATION SPEC	CAGE CODE:	2299924
	2 PLC ±	WEIGHT	DRAWING NO:	10
	3 PLC ±	CUSTOMER DRAWING	RESTRICTED TO:	G
	4 PLC ±		SCALE:	1:1
ANGLES	±		SHEET:	10
FINISH	±		OF:	10

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