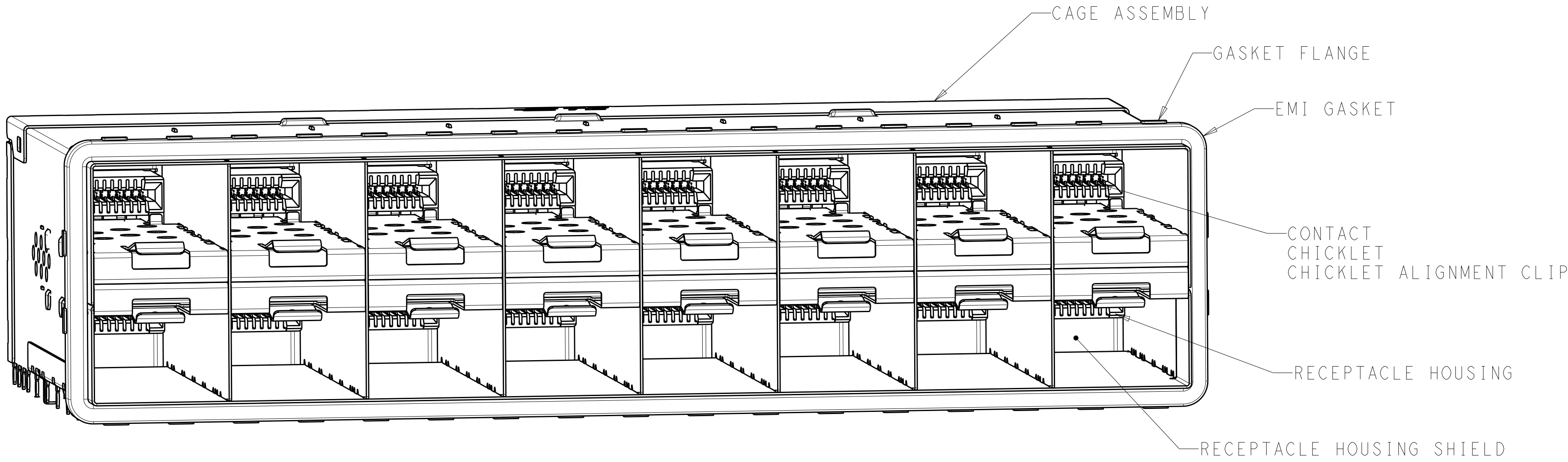
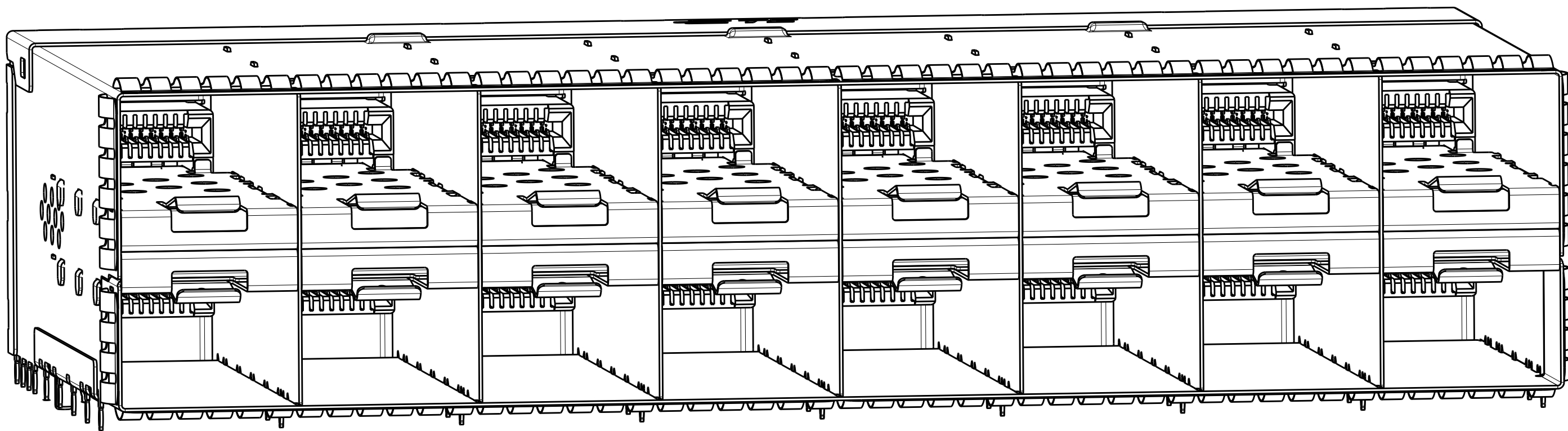


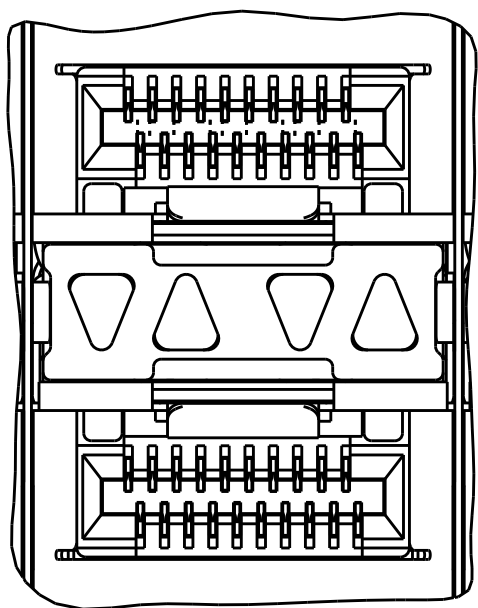
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			B	REVISED PER ECO-15-010819	20SEP2015	PP	SH	
			B1	REVISED PER ECO-16-004263	17MAR2016	KO	SH	
			B2	ADD -32	12JUL2016	PP	SH	
			B3	AD -40	20SEP2016	PP	SH	



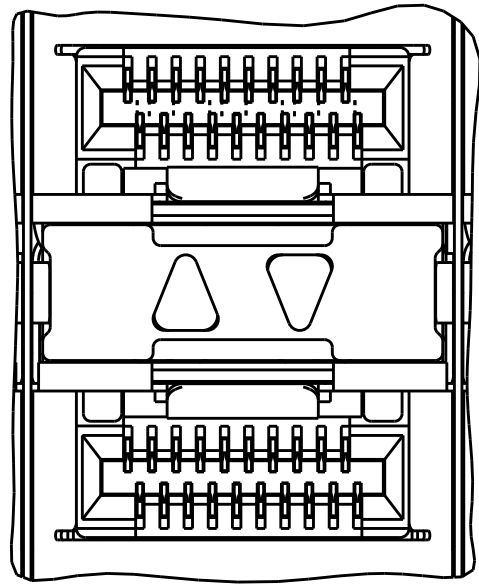
2198346-1



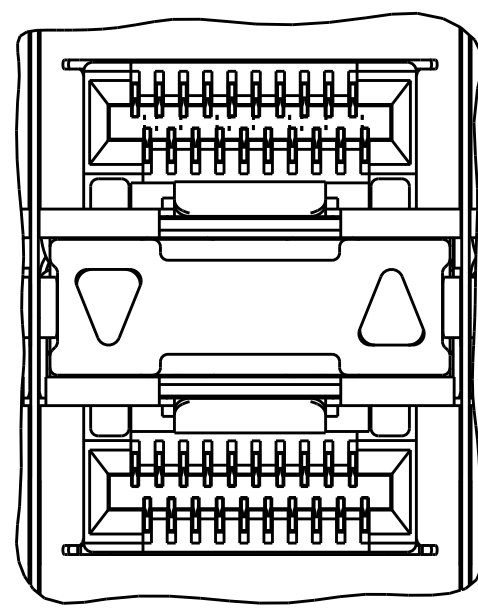
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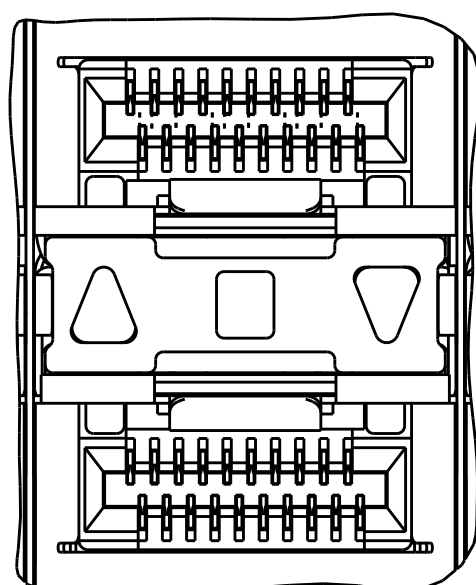
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



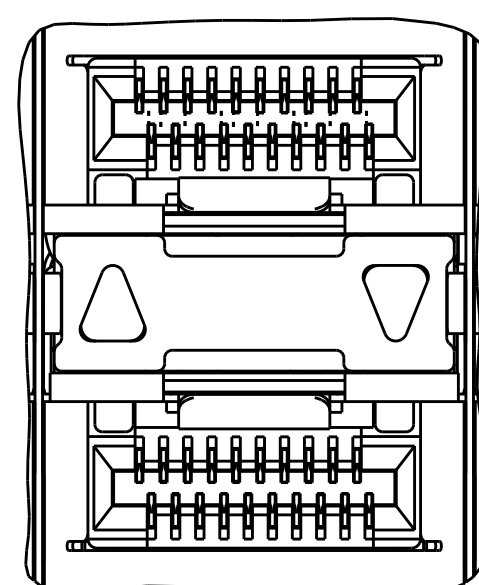
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



OUTER LIGHT PIPES
2198346-4, 2198346-8
SCALE 4:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2198346-7, 1-2198346-9
SCALE 4:1



REVERSED OUTER LIGHT PIPES
1-2198346-8, 2-2198346-0
SCALE 4:1

1. MATERIALS:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
CONNECTOR HOUSING SHIELD - COPPER ALLOY
CHICKLET - LCP, BLACK, UL 94V-O RATED
CHICKLET ALIGNMENT CLIP - PBT
CONTACT - COPPER ALLOY
EMI GASKET - ELASTOMERIC
GASKET FLANGE - STAINLESS STEEL
EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B 103,
0.8µm MIN TIN PER ASTM B 545
LIGHT PIPE - POLYCARBONATE
LIGHT PIPE HOUSING - ZINC ALLOY

2. CONTACT FINISH:
CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION
108-2481, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED
ENVIRONMENT APPLICATIONS) ON MATING INTERFACE,
TIN ON NEEDLE EYE

3. PCB MINIMUM THICKNESS = 1.5mm

4. FOR HOLE SIZE AND PLATINGS,
SEE APPLICATION SPECIFICATION 114-13319

5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE
LED PACKAGE WITH A HEIGHT OF 0.8mm

6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY

7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE
DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS
AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED
WITHIN CONNECTOR HOLE PATTERN

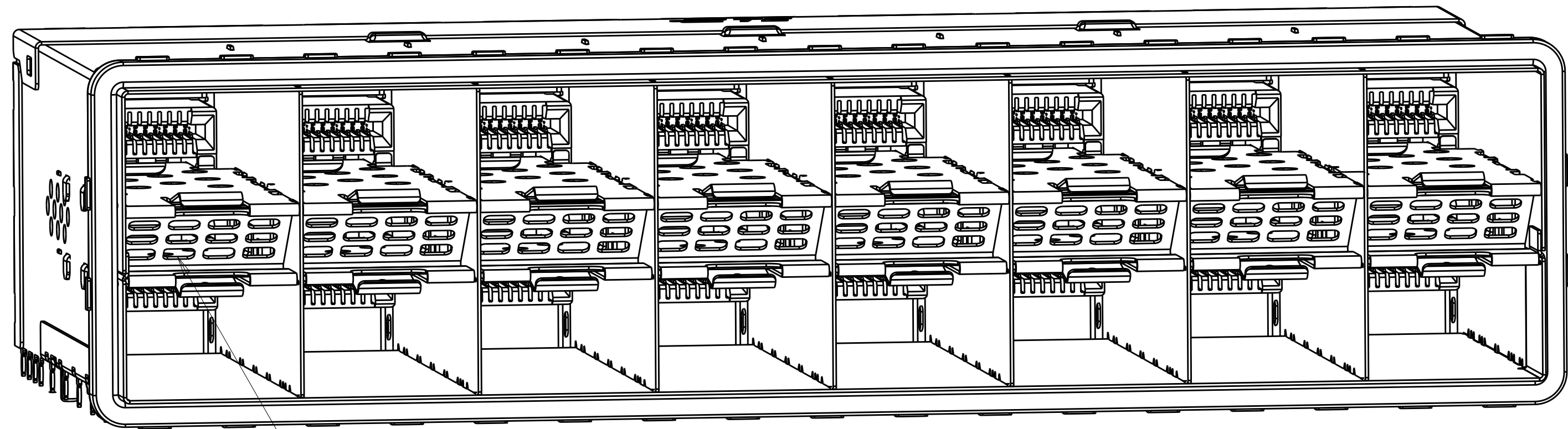
8. THE DIMENSIONS APPLY TO 4-2198346-0 ONLY.

116.5	THERMAL HOLE TOP SURFACE	INNER	4-2198346-0
119.25	EMI GASKET LOW PROFILE FLANGE	INNER	3-2198346-2
116.5	EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2198346-1
119.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198346-0
116.5	EMI SPRINGS	REVERSED OUTER	2-2198346-0
		CENTER/REVERSED OUTER	1-2198346-9
119.25	EMI GASKET	REVERSED OUTER	1-2198346-8
		CENTER/REVERSED OUTER	1-2198346-7
116.5	EMI SPRINGS	OUTER	2198346-8
		INNER	2198346-7
		INNER/OUTER	2198346-6
		NONE	2198346-5
119.25	EMI GASKET	OUTER	2198346-4
		INNER	2198346-3
		INNER/OUTER	2198346-2
		NONE	2198346-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

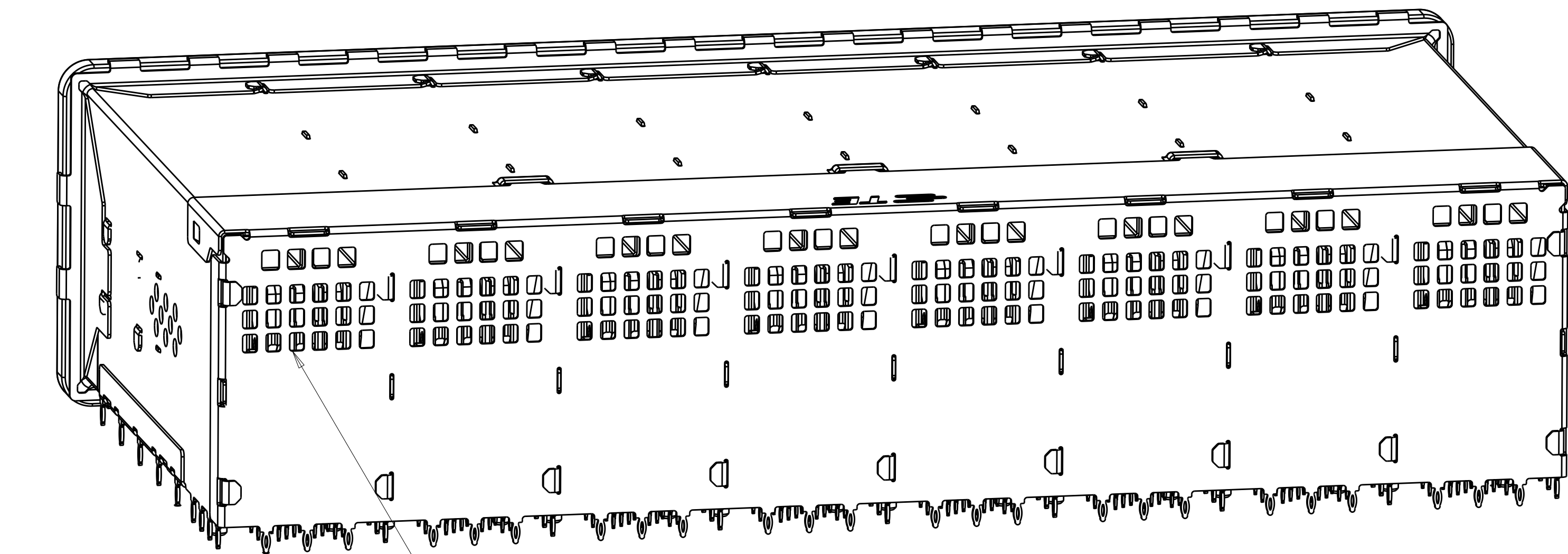
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.020 1 PLC ±.015 2 PLC ±.010 3 PLC ±.010 4 PLC ±.010 ANGLES ±.010		PRODUCT SPEC	
				108-2481	
				APPLICATION SPEC	
				114-13319	
MATERIAL		FINISH		WEIGHT	
SEE NOTES		SEE NOTES		-	
		Customer Drawing		SCALE 3:1	
				SHEET 1 OF 6	
				REV B3	

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

AIRFLOW ENHANCE TYPE



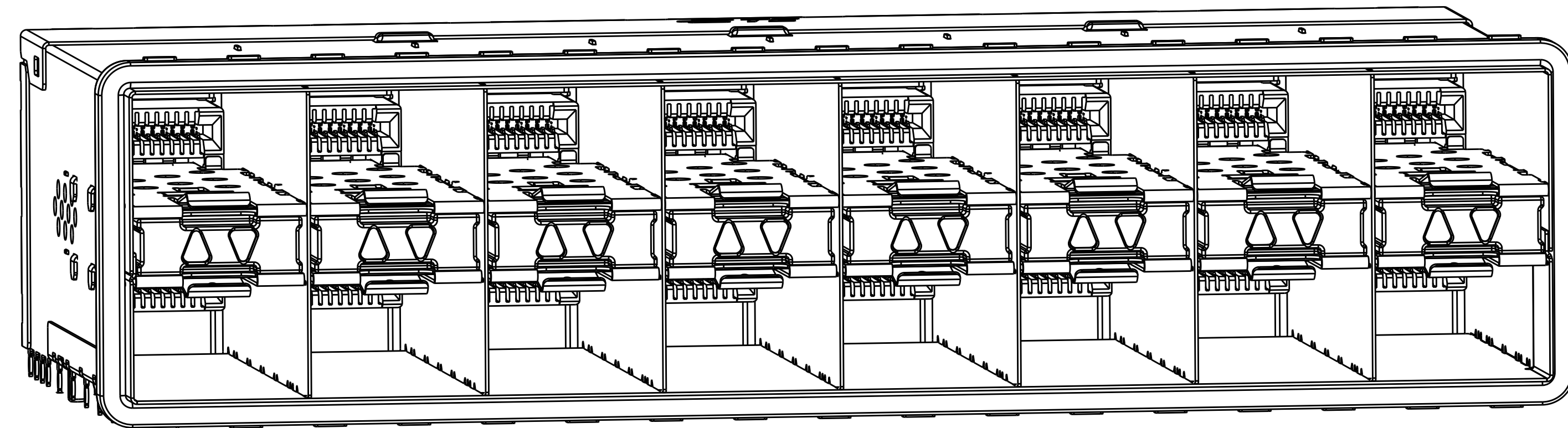
AIR VENTS



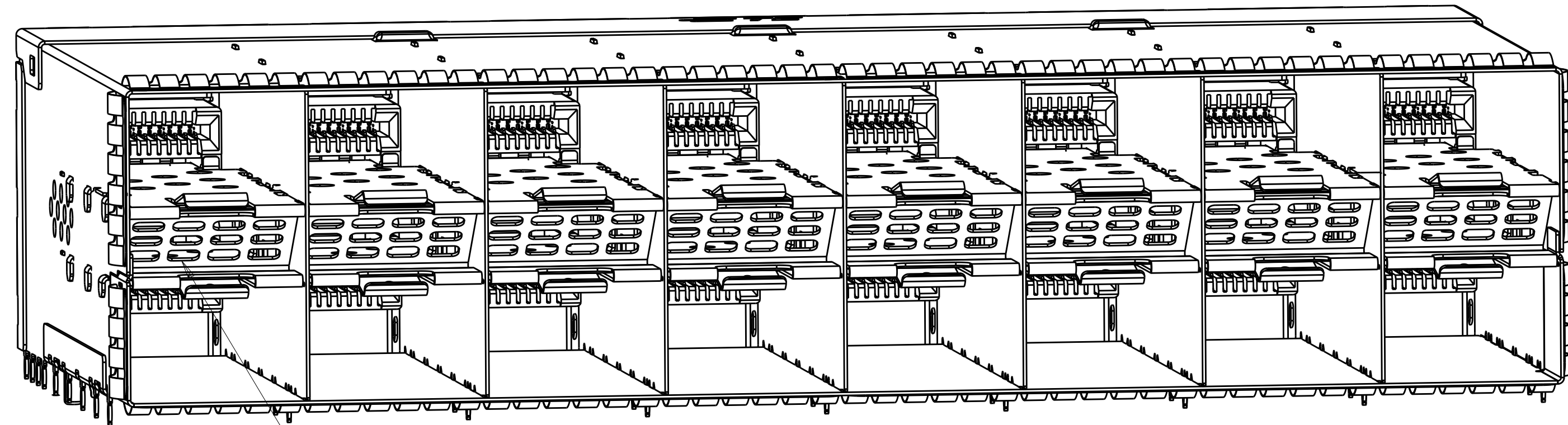
AIR VENTS

3-2198346-0
EMI GASKET TYPE

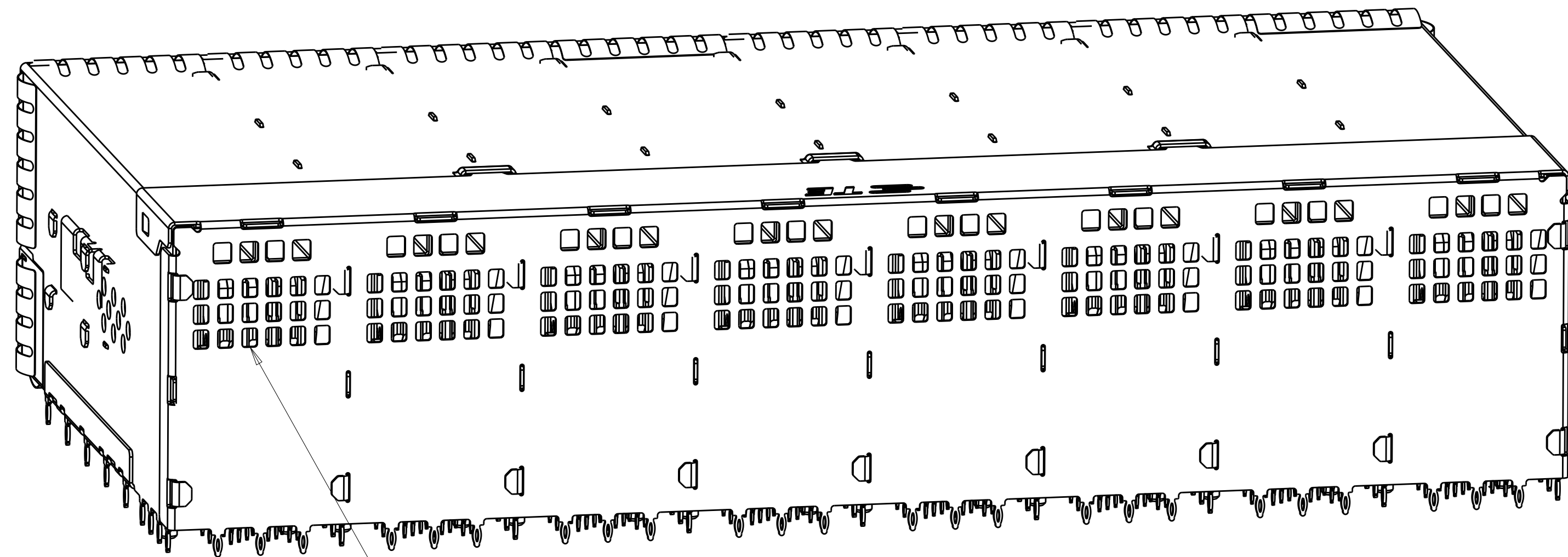
EMI GASKET TYPE
WITH LOW PROFILE FLANGE



3-2198346-2

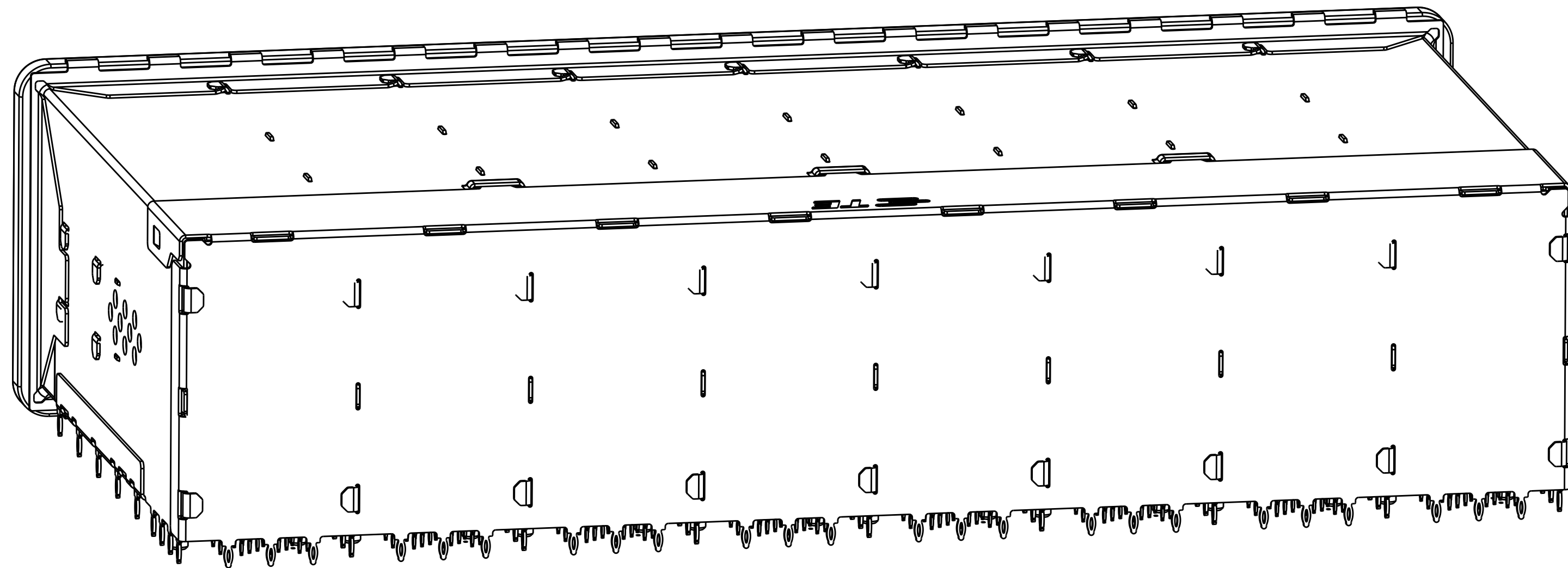


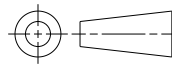
AIR VENTS



AIR VENTS

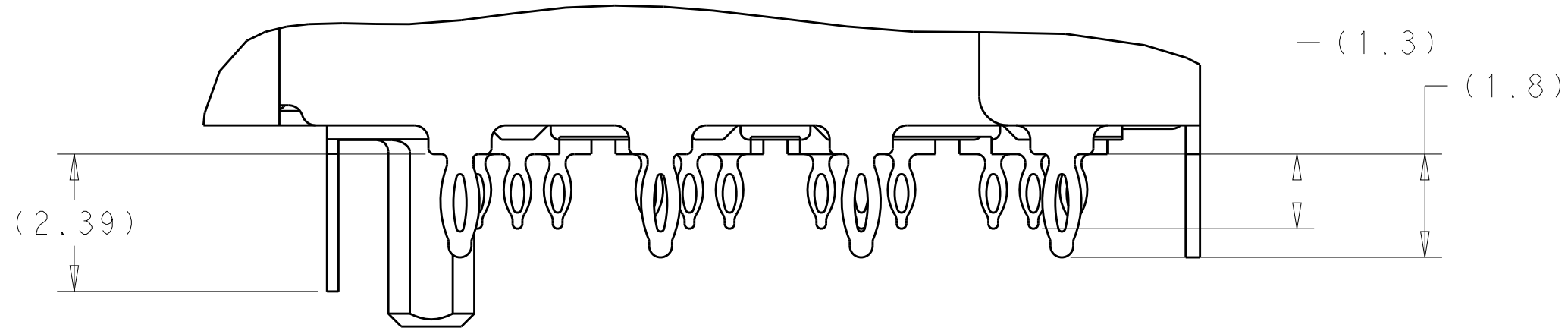
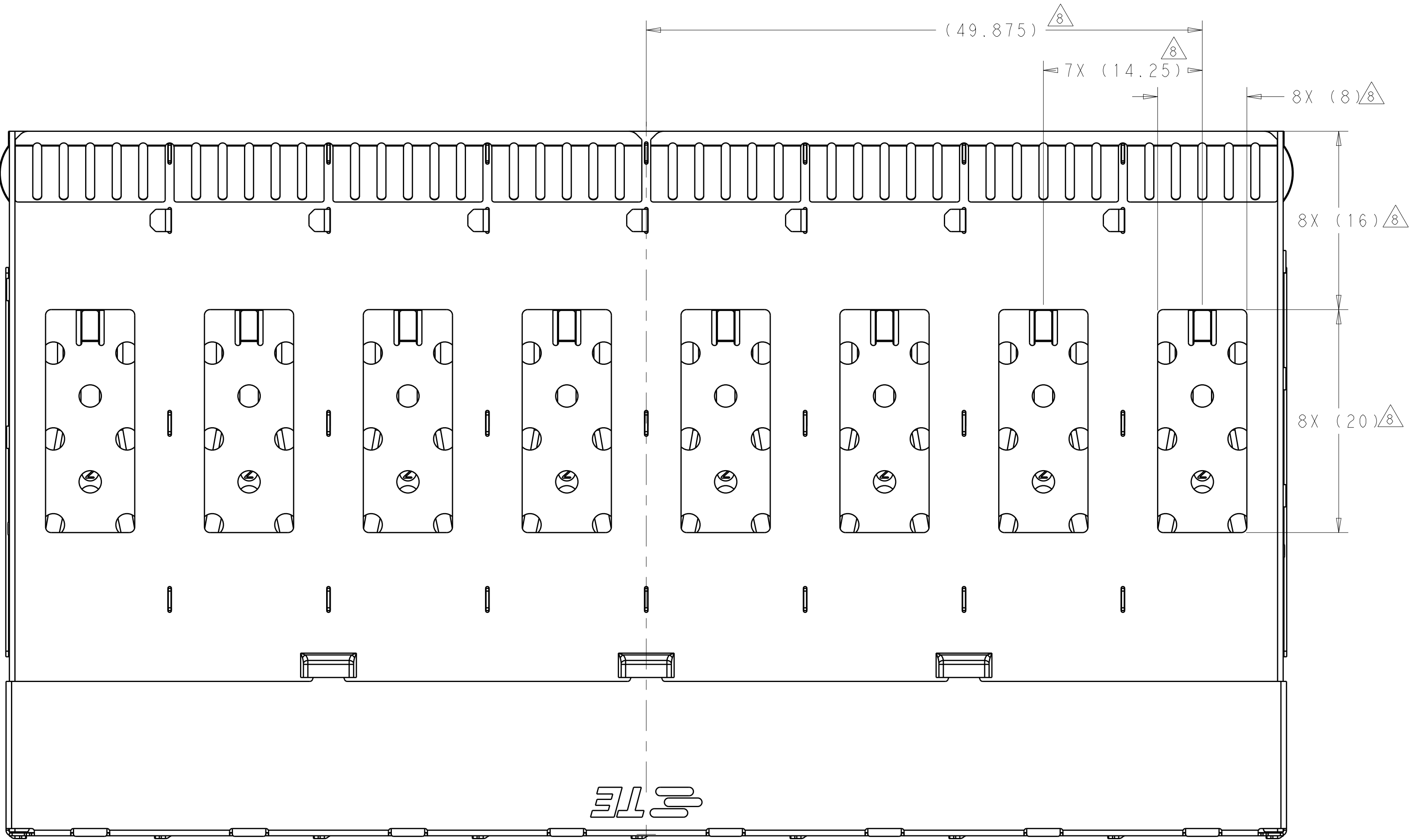
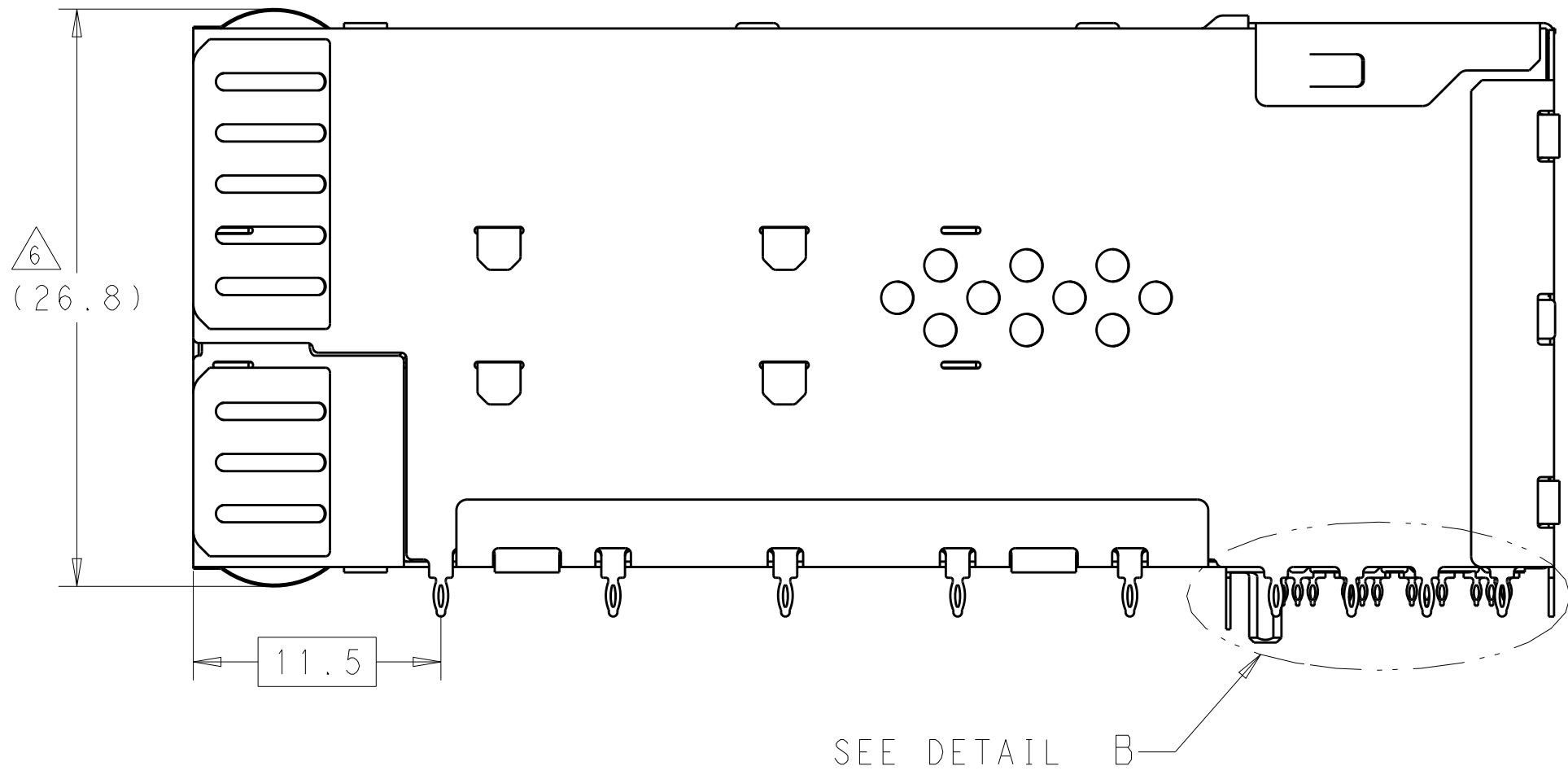
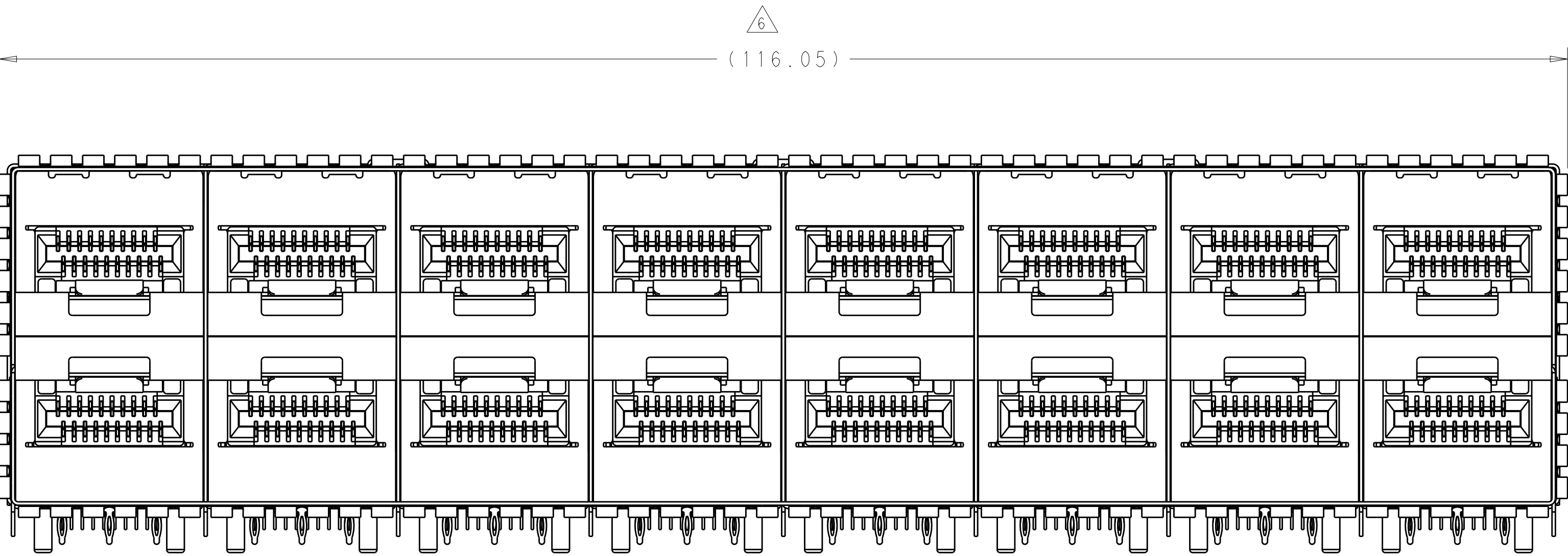
3-2198346-1
EMI SPRING TYPE



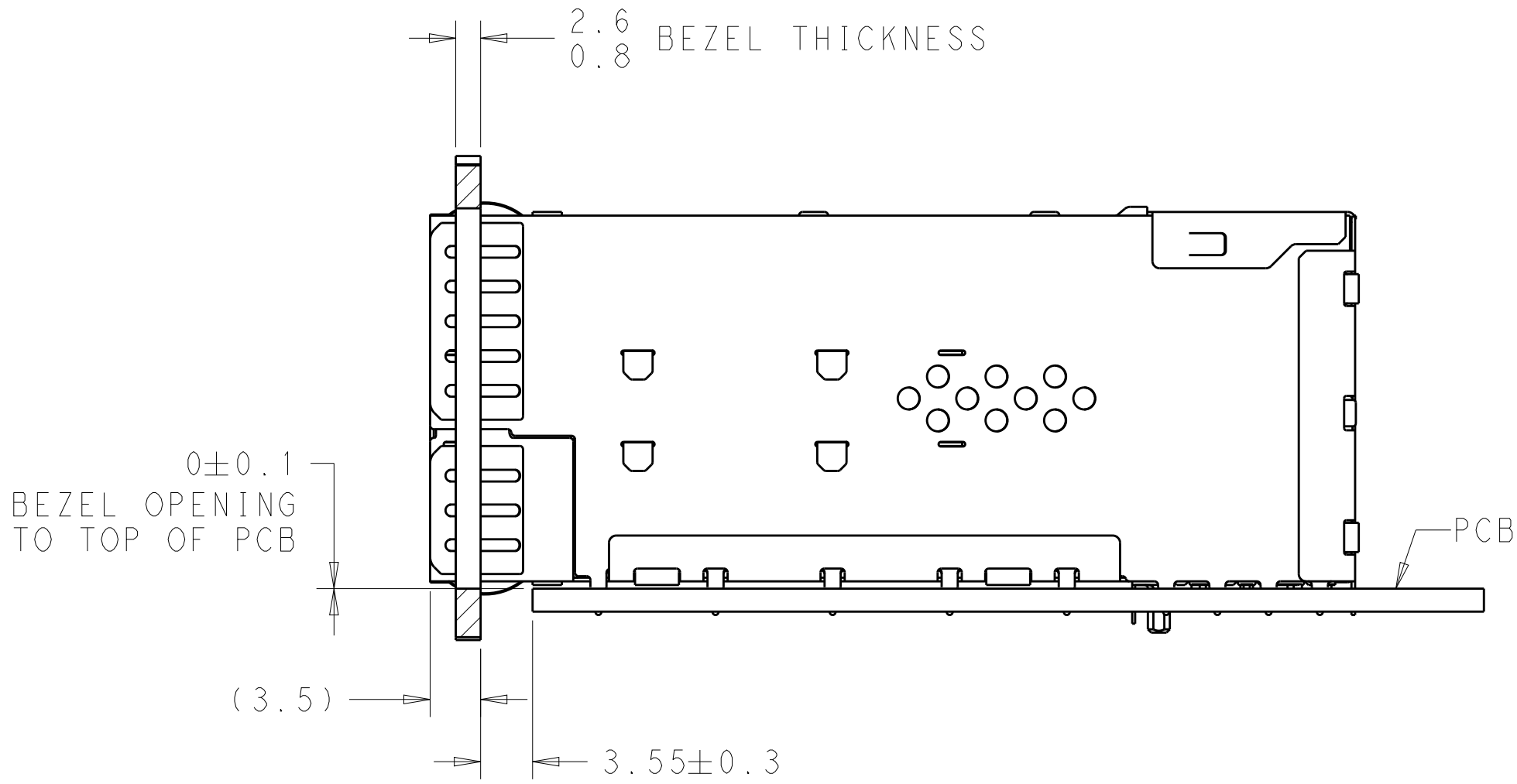
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 09DEC2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±0.10	114-13319	
MATERIAL		FINISH	WEIGHT	SIZE
SEE NOTES		SEE NOTES	Customer Drawing	A100779C=2198346
		Customer Drawing		RESTRICTED TO
		SCALE 1:1		SHEET 2 OF 6
				REV B3

2198346-5 THRU 2198346-8, 1-2198346-9, 2-2198346-0,4-2198346-0
EMI SPRINGS ONLY

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

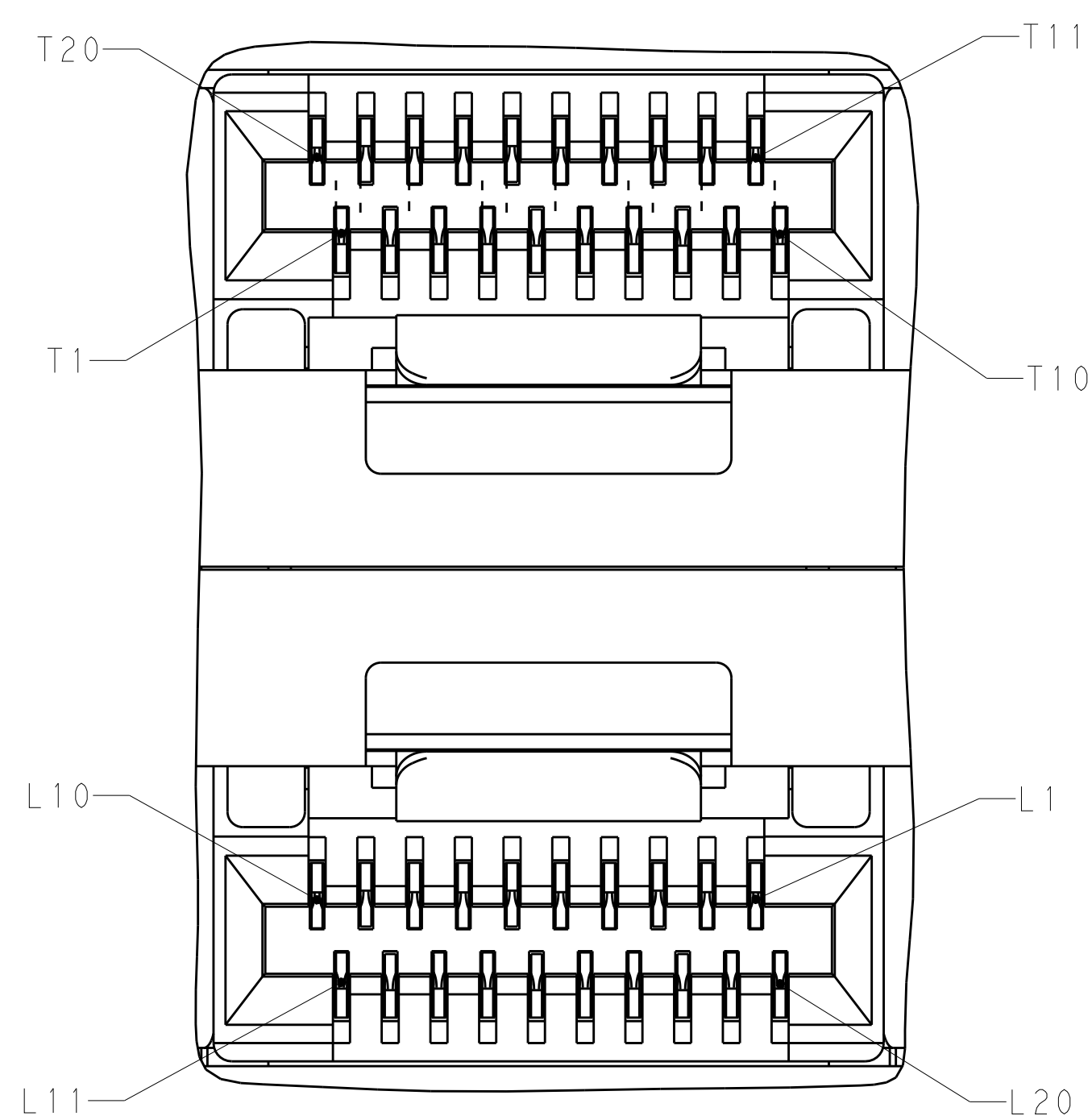
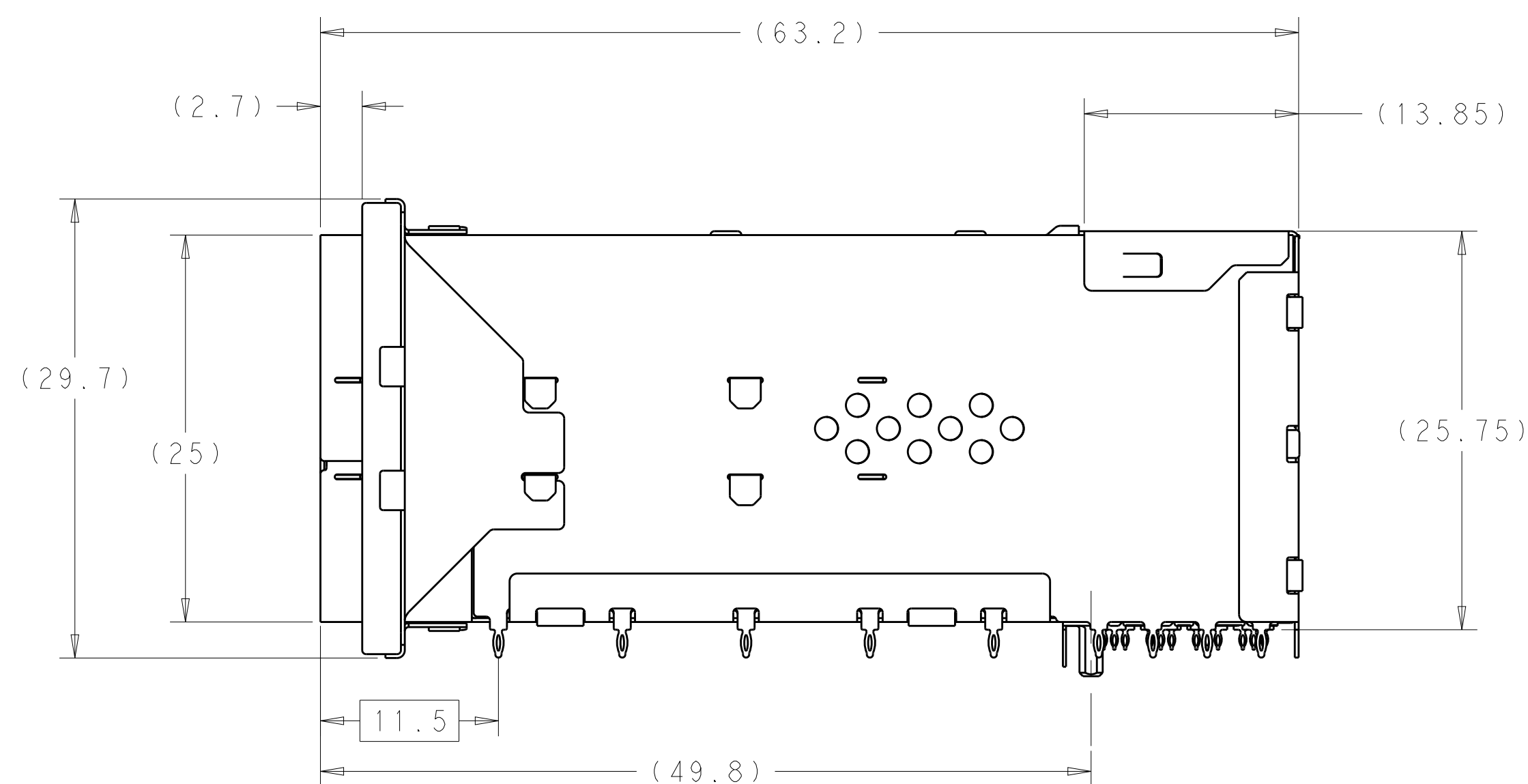


DETAIL B
SCALE 10:1

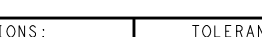


RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWY CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
mm	0 PLC ±0.20 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±°	108-2481	SIZE		
MATERIAL	SEE NOTES	APPLICATION SPEC	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE NOTES	SEE NOTES	114-13319	A100779	C=2198346	-
Customer Drawing		WEIGHT	SCALE	SHEET	REV
		-	1:1	3 OF 6	B3



DETAIL A
8X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09D1C2011 M.E. COWHER CHK 13DFC2011 M.D. MORRISON APP'D 13DFC2011 M.D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±.20 2 PLC ±.15 3 PLC ±.10 4 PLC ±.05 ANGLES ±.		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, z SFP+ -	
		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319		SIZE CAGE CODE DRAWING NO A100779C2198346	
MATERIAL SEE NOTES		FINISH SEE NOTES Customer Drawing		RESTRICTED TO SCALE 1:1 SHEET 4 OF 6 REV B	

4805 (3/11)

