

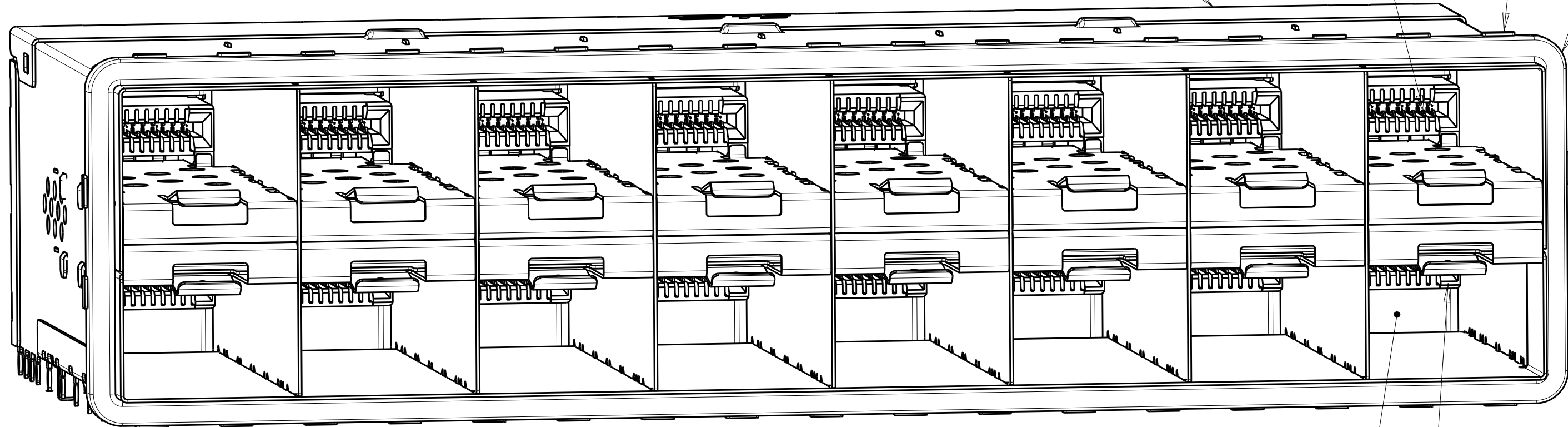
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	REVISED PER ECO-20-014521	130CT2020	JY	SH

CONTACT CHICKLET ALIGNMENT CLIP

GASKET FLANGE

EMI GASKET

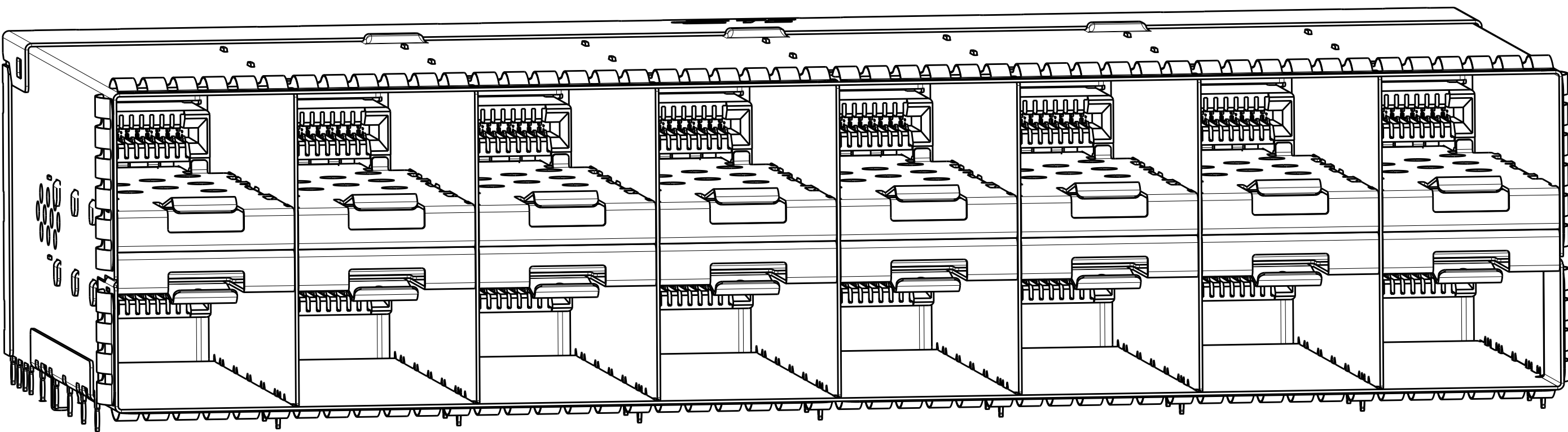
CAGE ASSEMBLY



2198346-1

RECEPTACLE HOUSING SHIELD

RECEPTACLE HOUSING



2198346-5

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:
- 0.76µm MIN GOLD PER ASTM B 844 AT MATING INTERFACE,
 - 1.25µm MIN MATTE TIN PER ASTM B 545 AT PCB INTERFACE
 - ALLOVER 2.54µm MIN NICKEL PER QQ-N-290.

3. PCB MINIMUM THICKNESS = 1.5mm

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

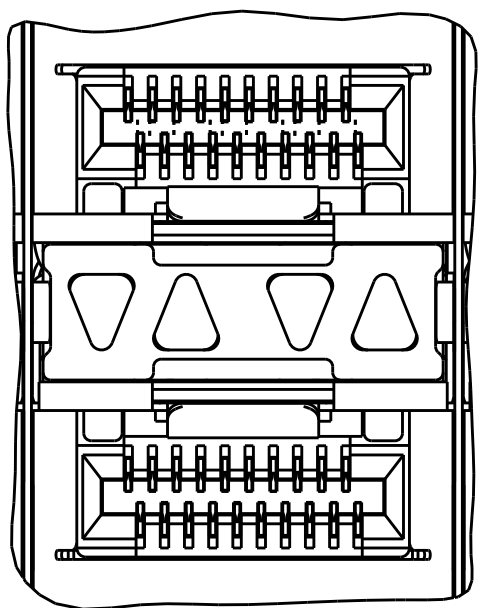
△ LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△ DIMENSIONS APPLY FOR EMI SPRINGS ONLY

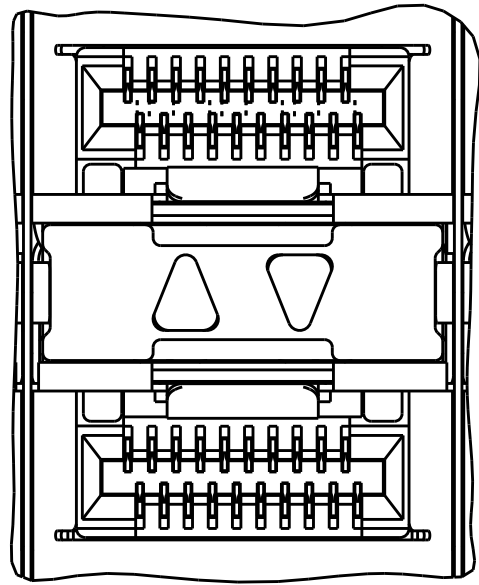
△ THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

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

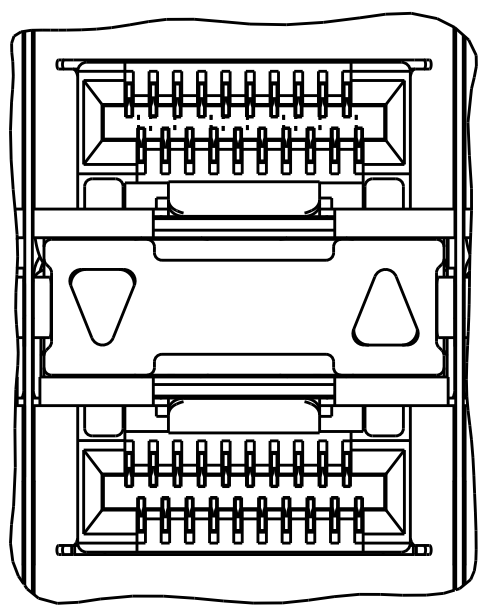
116.5	THERMAL HOLE TOP SURFACE	INNER	4-2198346-0
116.5	EMI SPRINGS,TAPE AIRFLOW ENHANCE TYPE	NONE	3-2198346-3
119.25	EMI GASKET LOW PROFILE FLANGE	INNER	3-2198346-2
116.5	EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2198346-1
119.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198346-0
116.5	EMI SPRINGS	REVERSED 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 SRING WITH NICKEL PLATING ONLY	OUTER	1-2198346-2
		INNER	1-2198346-1
		INNER/OUTER	1-2198346-0
		NONE	2198346-9
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



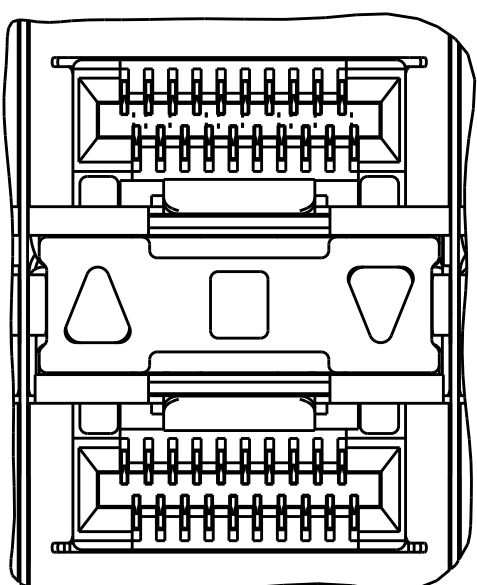
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



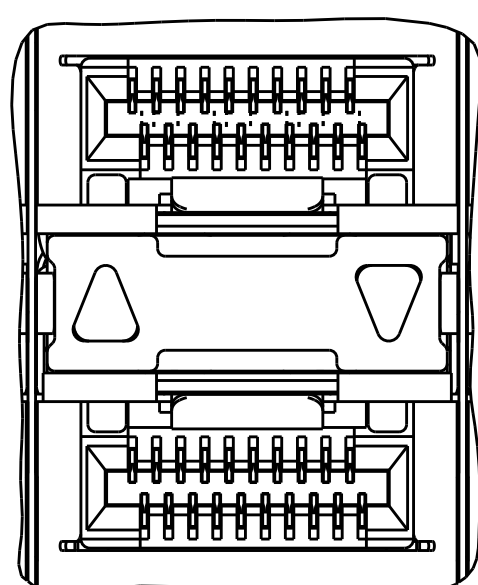
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



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



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

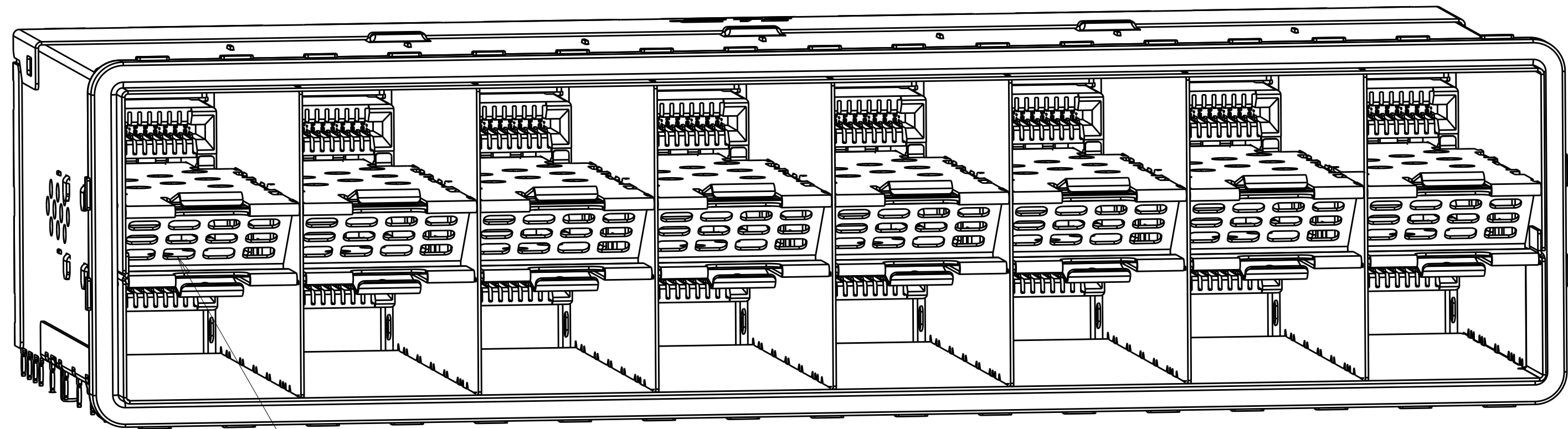


REVERSED OUTER LIGHT PIPES
1-2198346-8, 2-2198346-0
SCALE 4:1

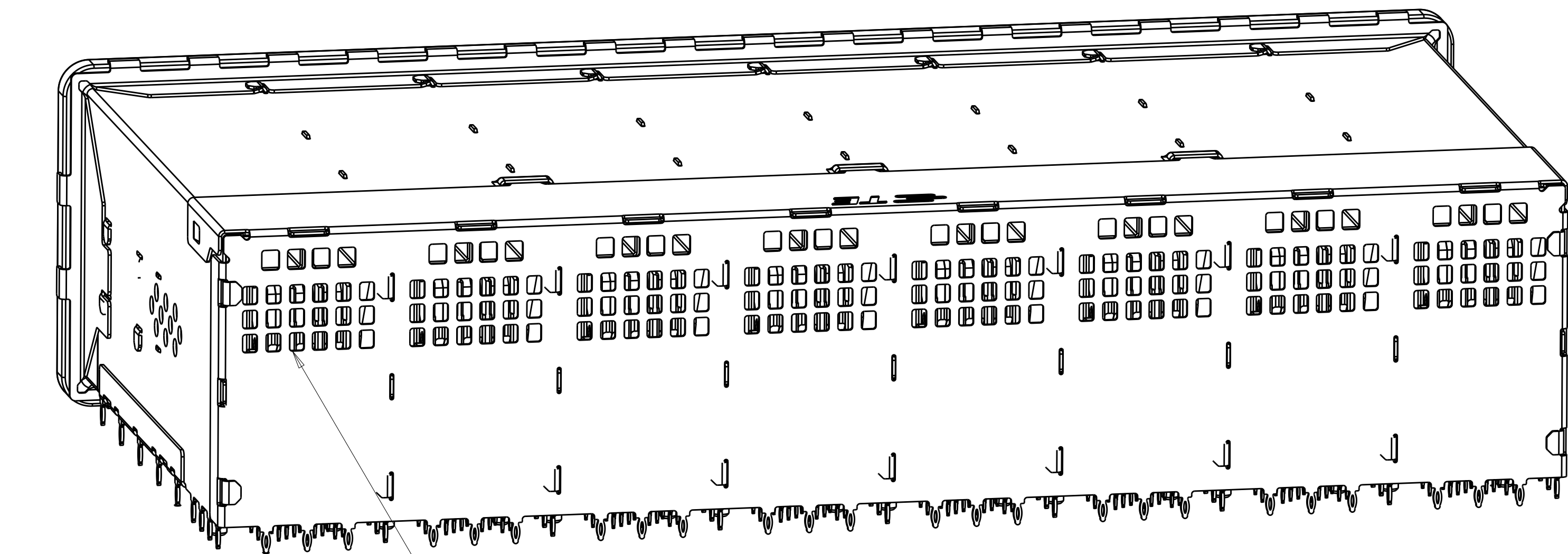
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09DEC2011 M.E. CONWHER		TE Connectivity	
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mm		0 PLC ±.20 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±. ANGLES ±. ±.		RECEPTACLE ASSEMBLY, 2X8, STACKED, zSPF+	
		PRODUCT SPEC		-	
MATERIAL SEE NOTES		108-2481		SIZE CAGE CODE DRAWING NO	
FINISH SEE NOTES		APPLICATION SPEC		RESTRICTED TO	
		114-13319		A100779C=2198346	
		WEIGHT		-	
		Customer Drawing		SCALE 3:1 SHEET 1 OF 7 REV C	

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

AIRFLOW ENHANCE TYPE



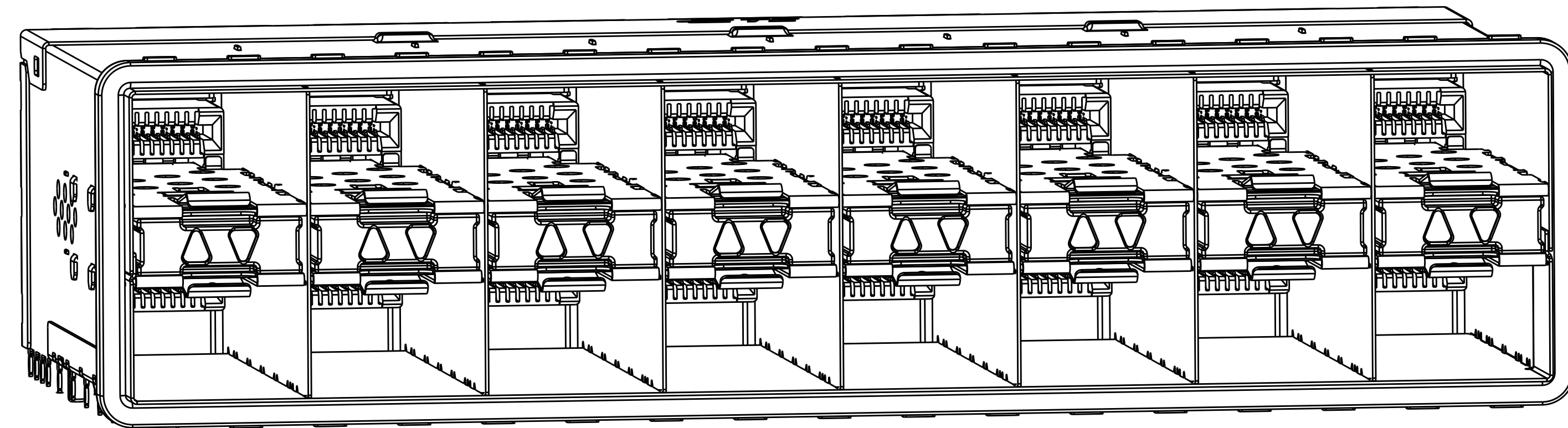
AIR VENTS



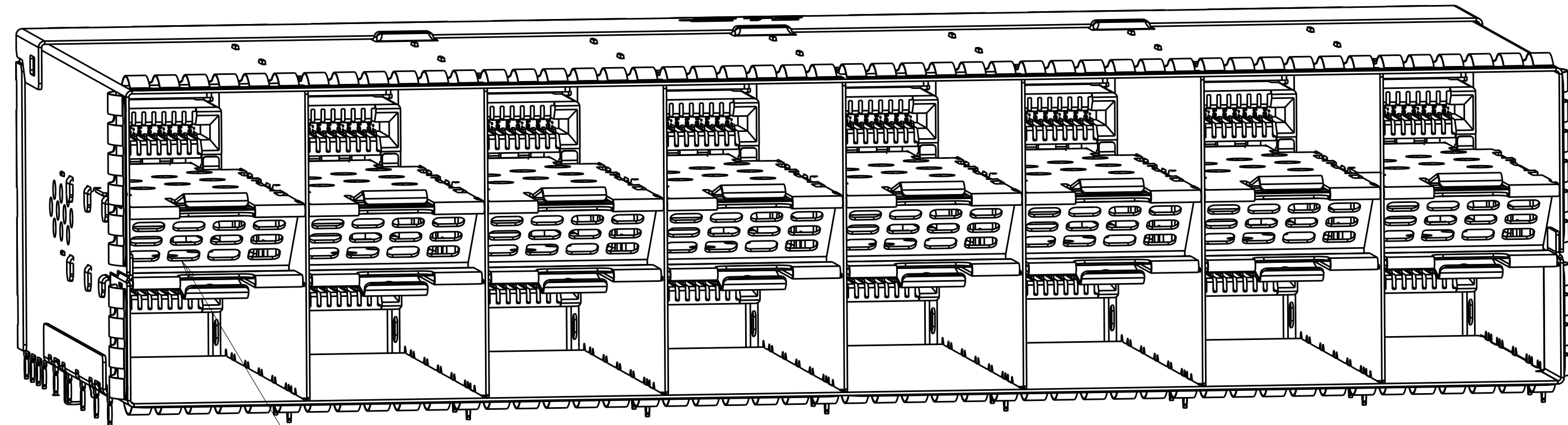
AIR VENTS

3-2198346-0
EMI GASKET TYPE

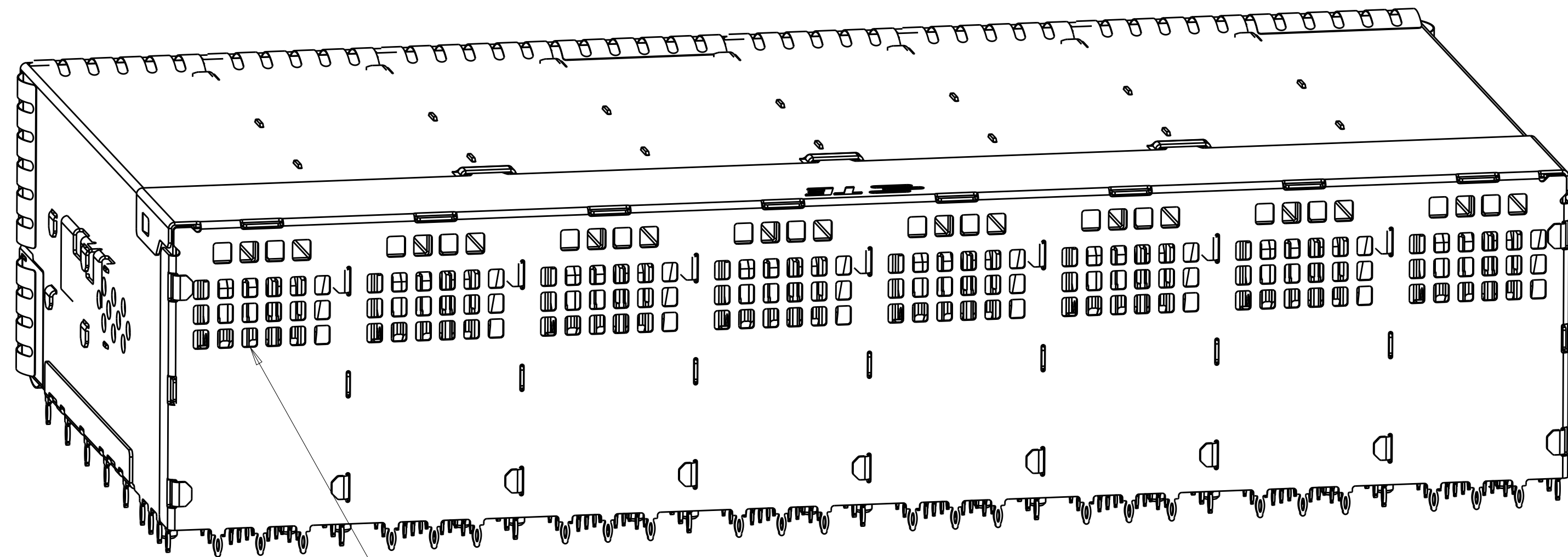
EMI GASKET TYPE
WITH LOW PROFILE FLANGE



3-2198346-2

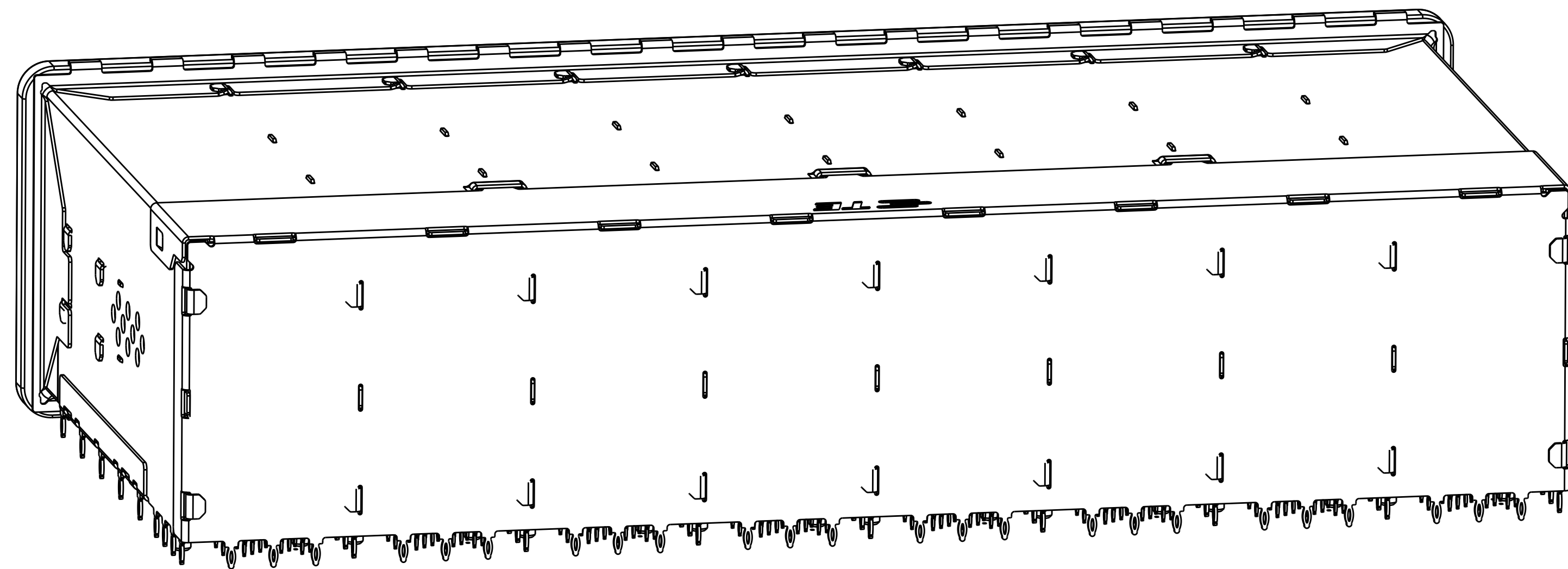


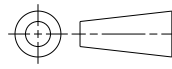
AIR VENTS



AIR VENTS

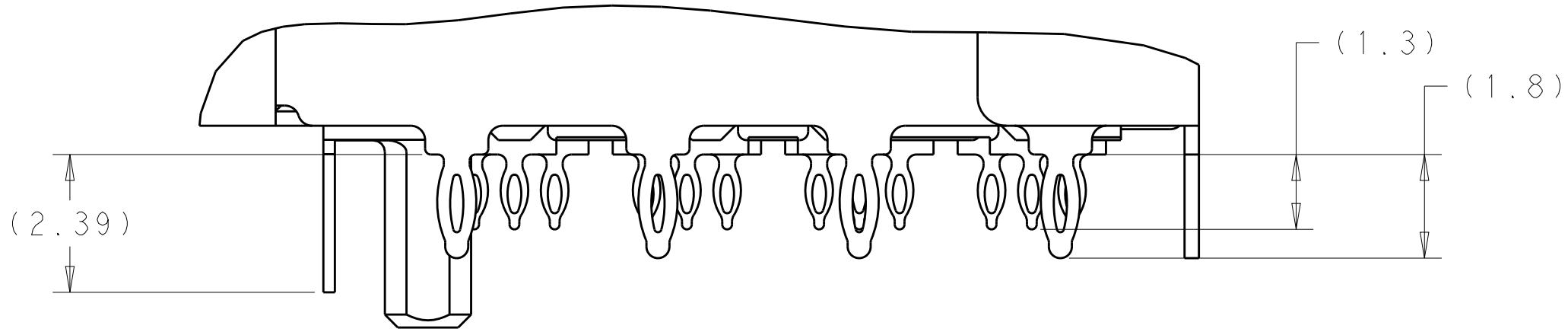
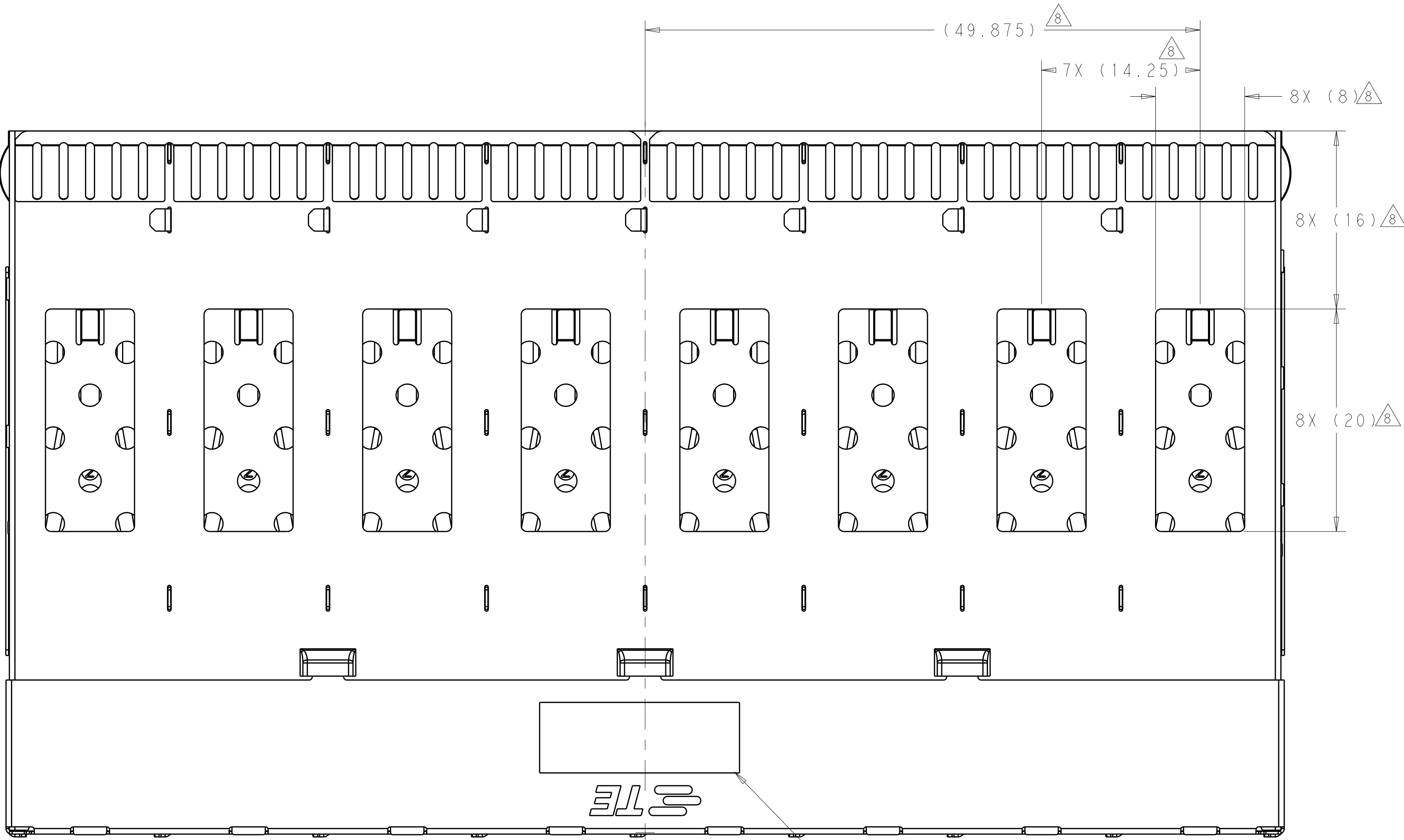
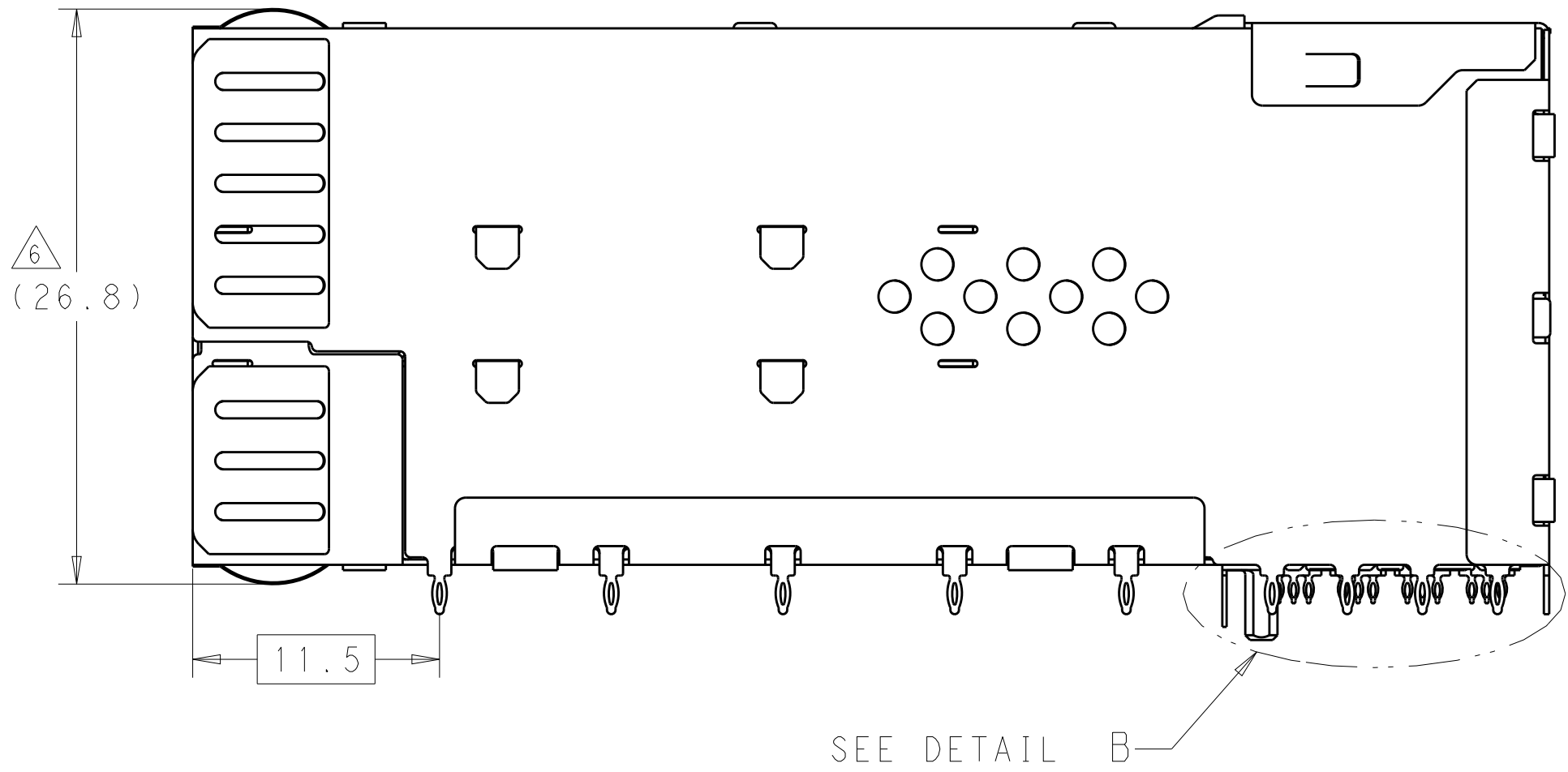
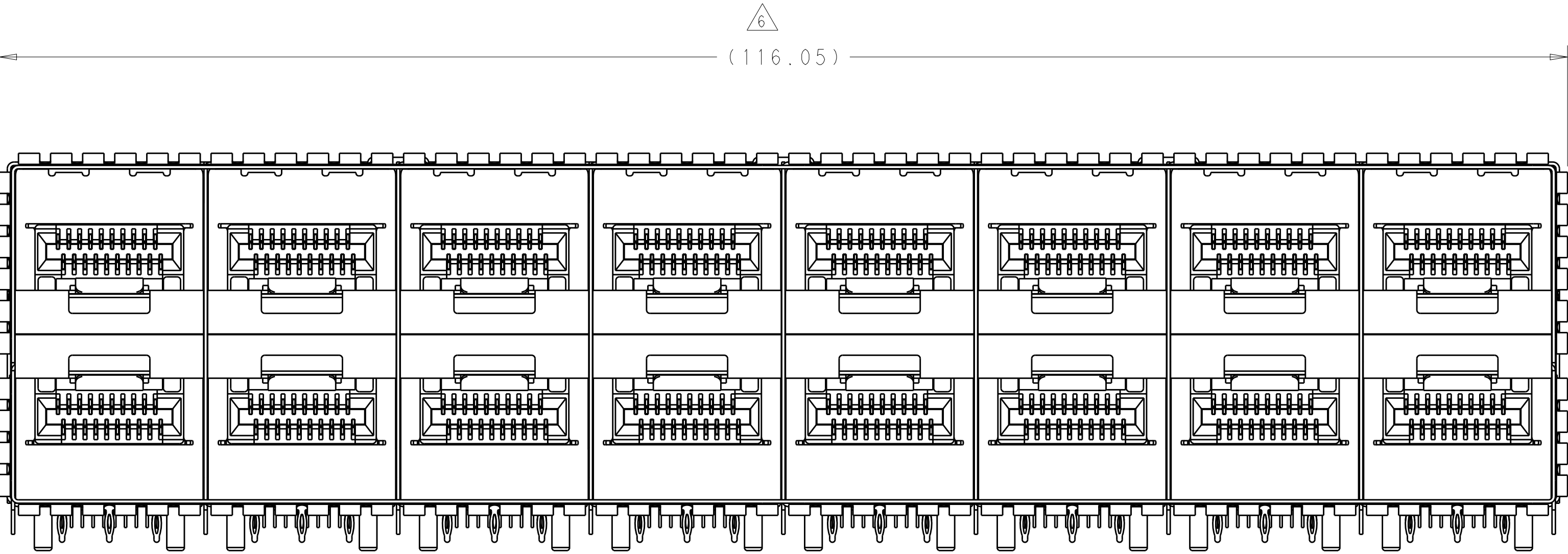
3-2198346-1
EMI SPRING TYPE



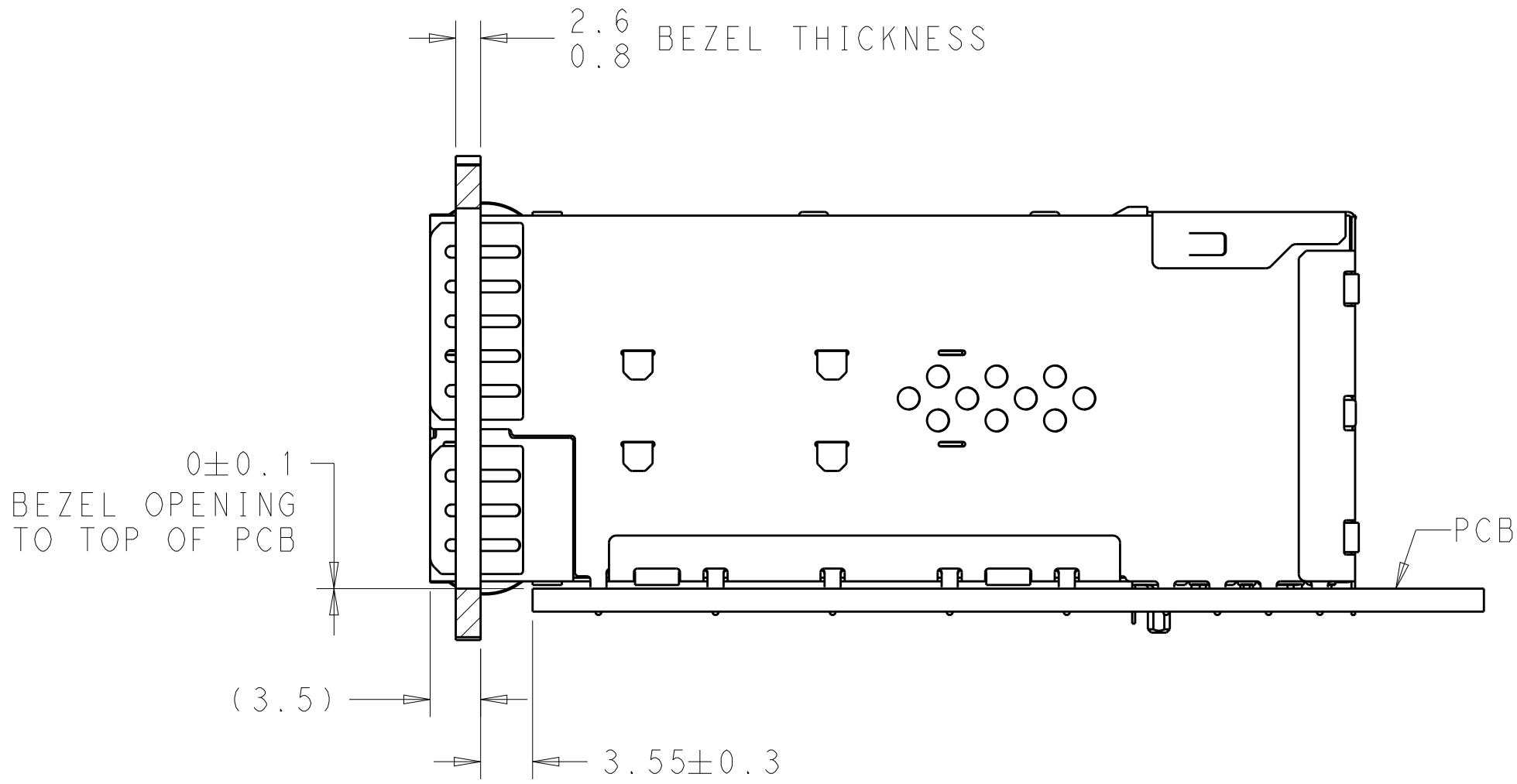
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 09DEC2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	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 3:1		SHEET 2 OF 7
				REV C

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

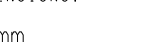
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

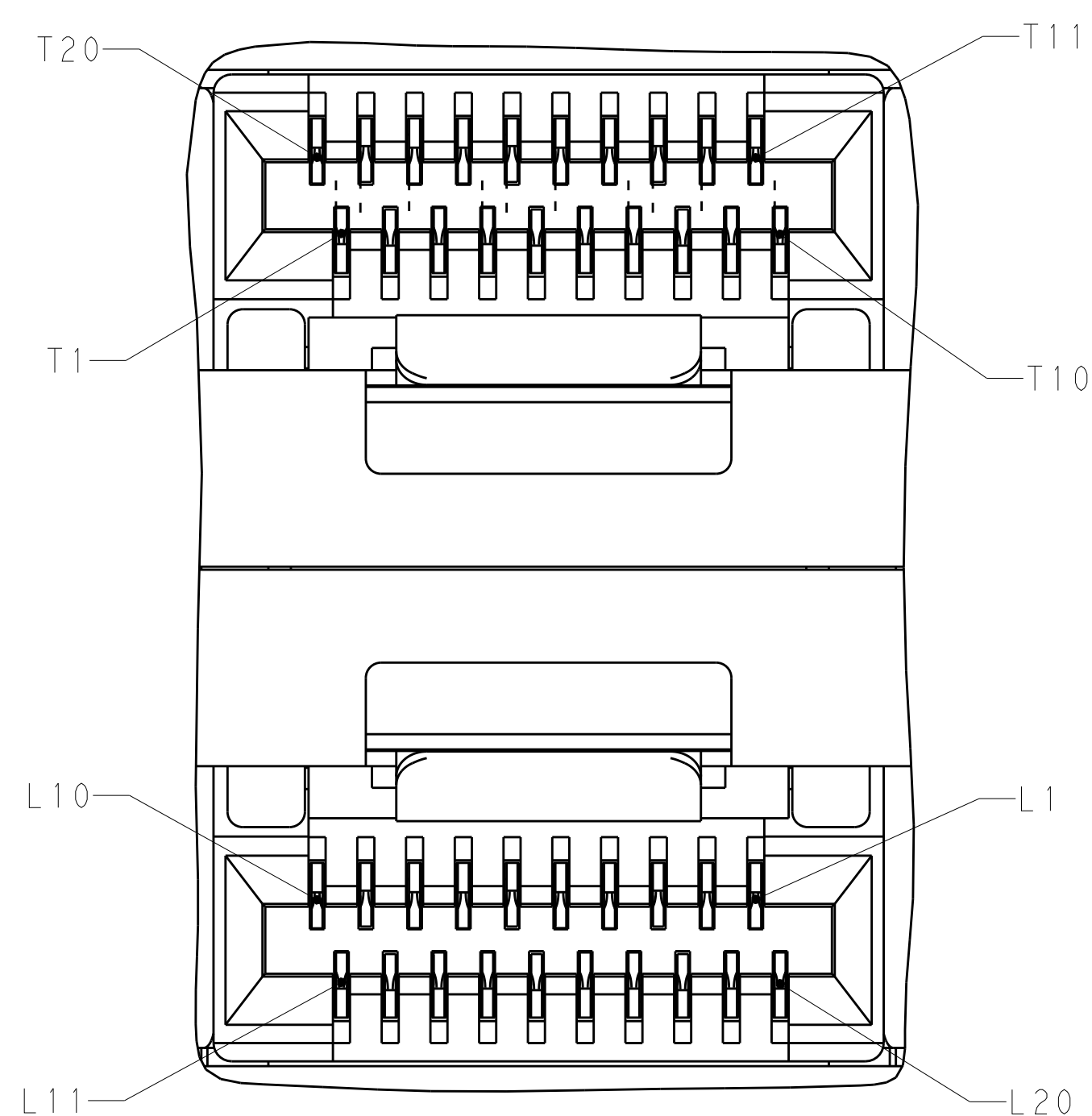
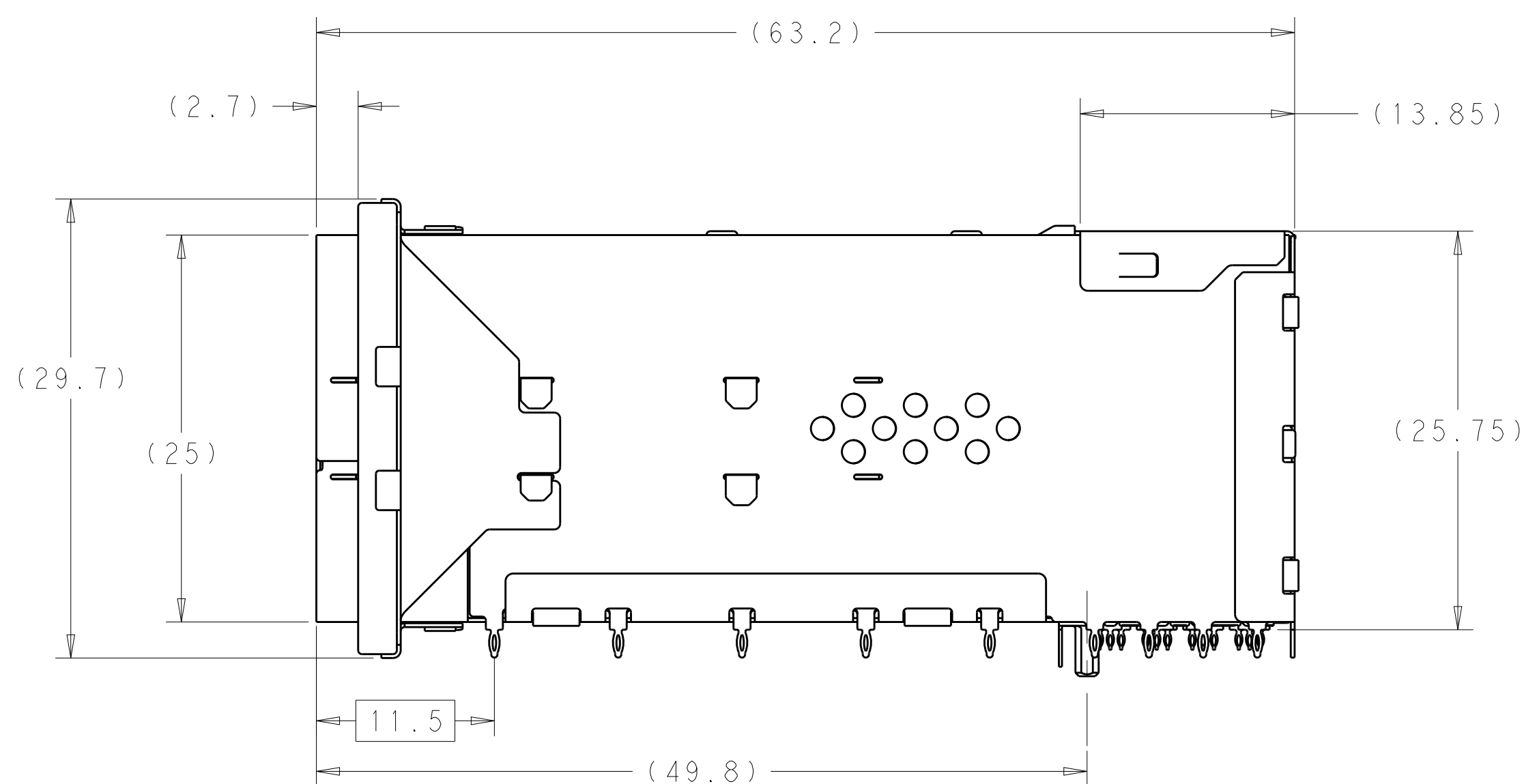


DETAIL B
SCALE 10:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

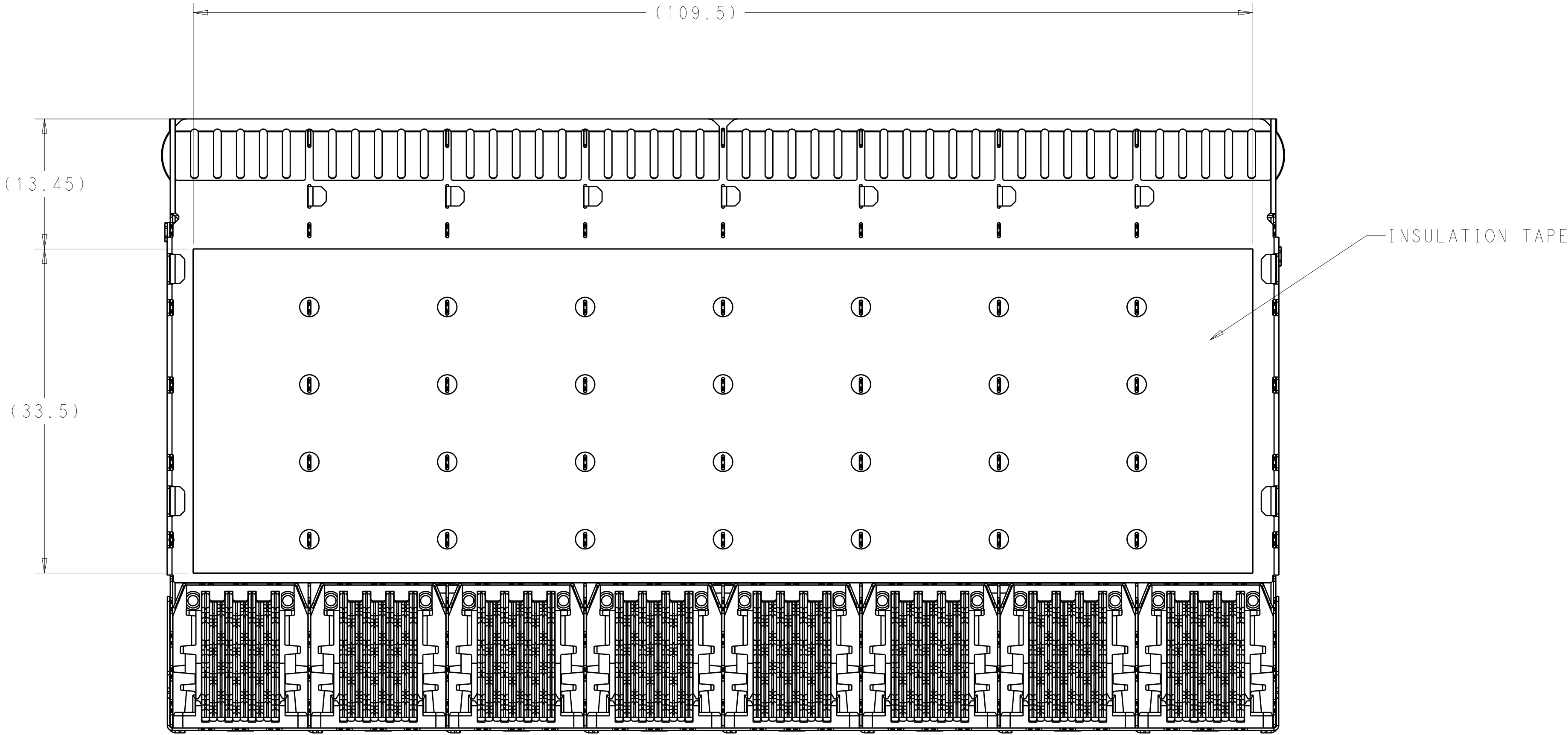
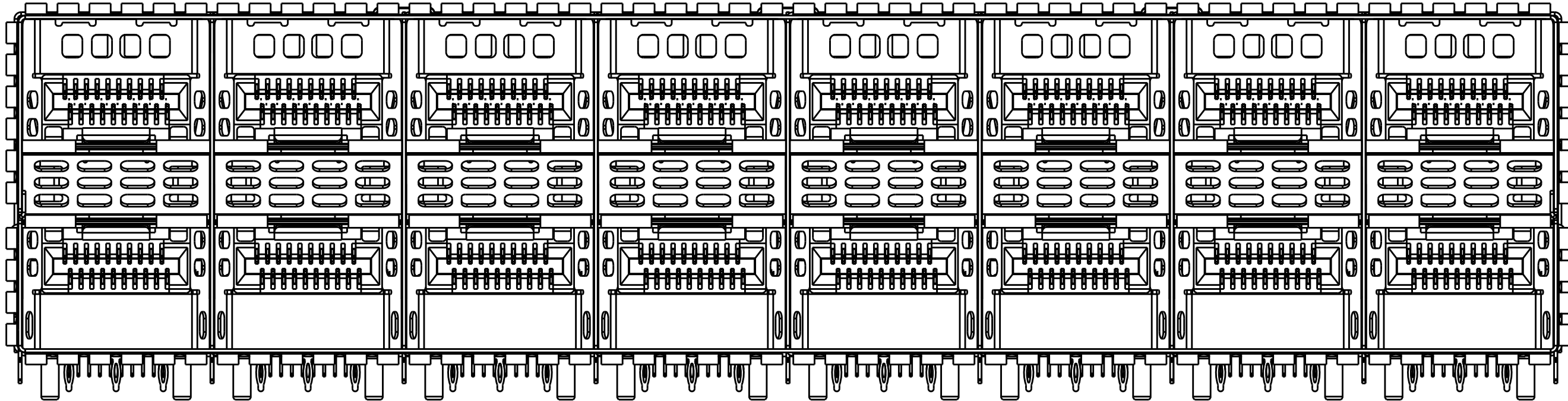
THIS DRAWING IS A CONTROLLED DOCUMENT		DWN M.E. CONWHER 09DEC2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
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	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±0.10	114-13319	
MATERIAL		WEIGHT	SIZE	CAGE CODE
SEE NOTES			A100779	C=2198346
FINISH		Customer Drawing	SCALE	3:1
SEE NOTES			SHEET	3 OF 7
			REV	C



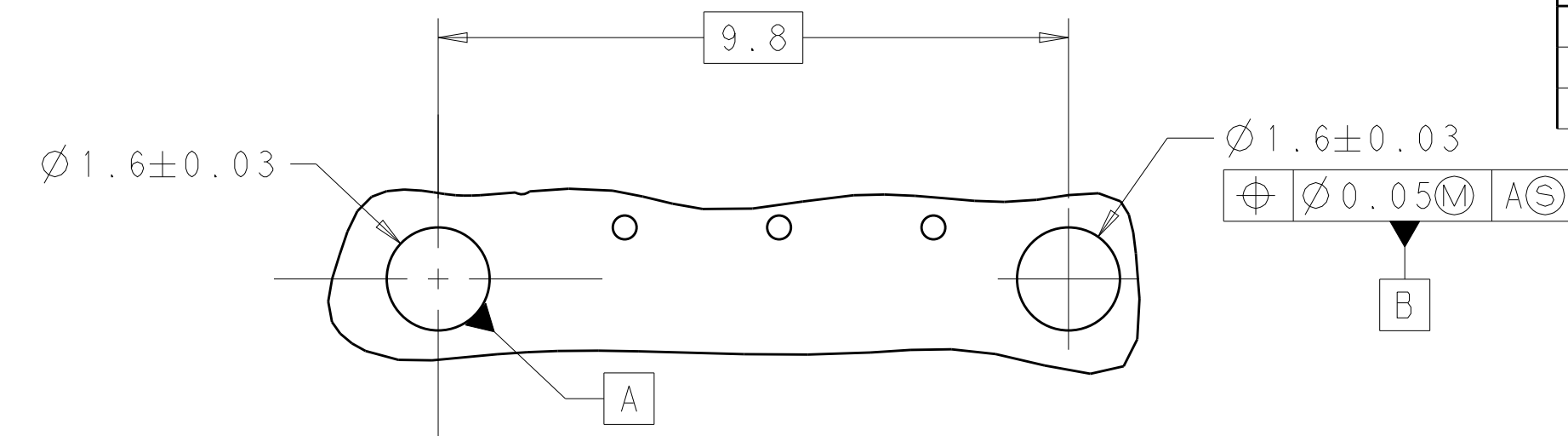
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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
		0 PLC ±.1 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ANGLES ±.1		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319	
MATERIAL		FINISH		SIZE CASE CODE DRAWING NO A100779C2198346	
SEE NOTES		SEE NOTES		RESTRICTED TO	
Customer Drawing		Customer Drawing		SCALE 3:1 SHEET 4 OF 7 REV C	

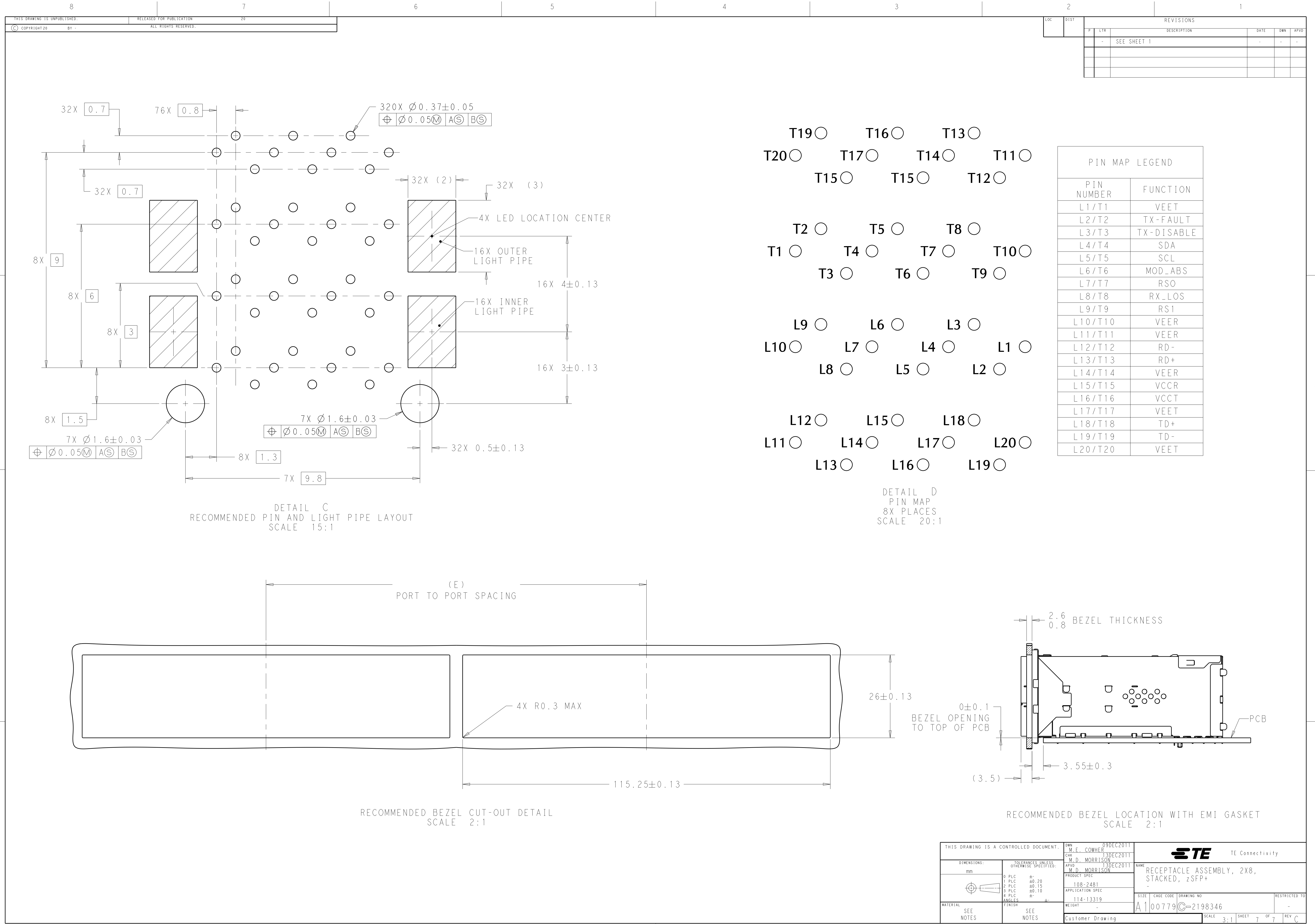
3-2198346-3
UNMARKED DIMENSIONS SAME AS 3-2198346-1

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	OWN
		-		SEE SHEET 1	-	-



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		CHK M.D. MORRISON	13DEC2011		
DIMENSIONS:		APVD M.D. MORRISON	13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
mm		PRODUCT SPEC			
		108-2481		SIZE A100779C=2198346	
		APPLICATION SPEC			
		114-13319		RESTRICTED TO -	
		FINISH			
MATERIAL SEE NOTES		WEIGHT -		Customer Drawing	
				SCALE 3:1	SHEET 5 OF 7
				REV C	

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