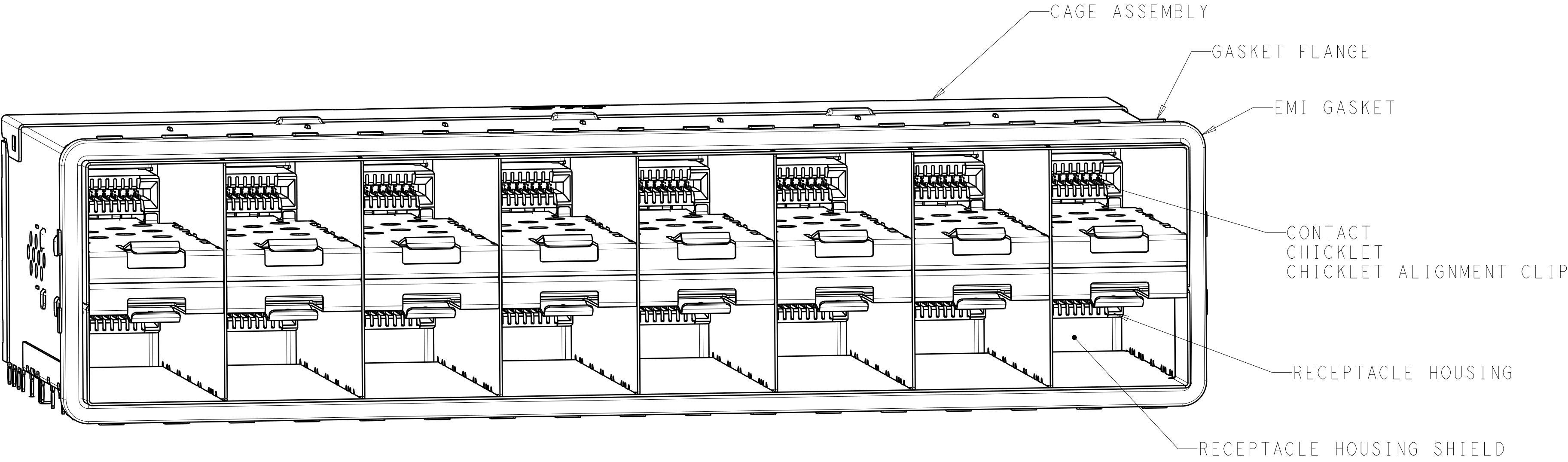
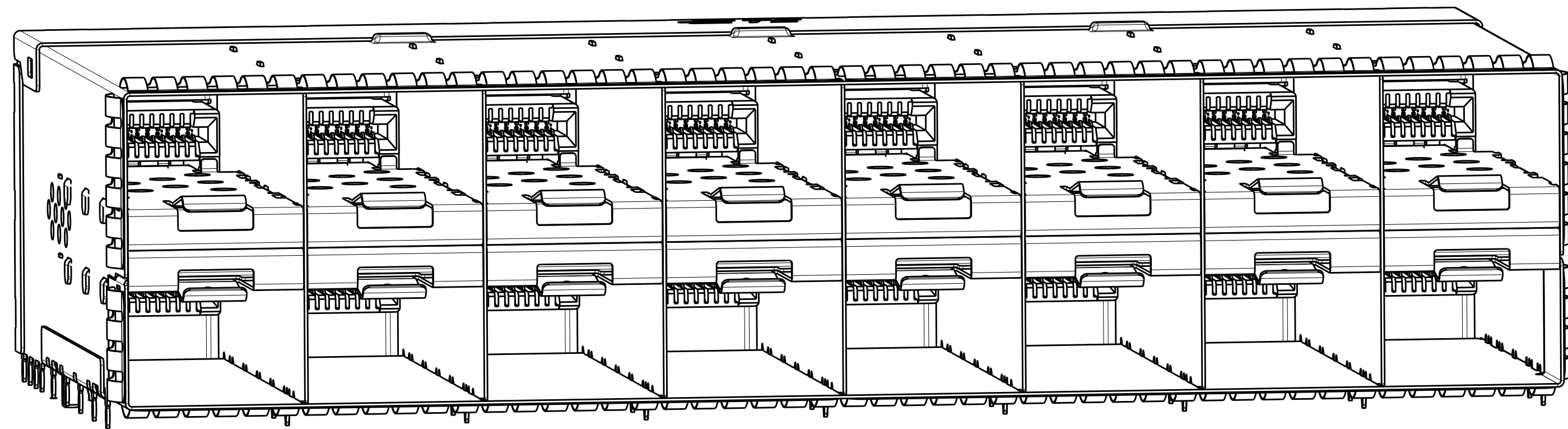


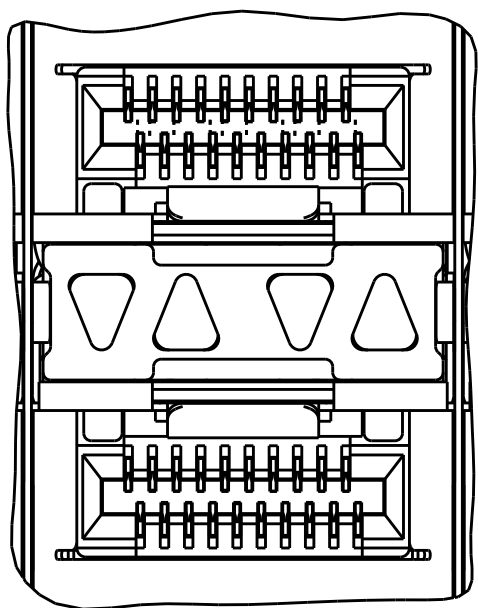
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			B	REVISED PER ECO-15-010819	20SEP2015	PP	SH	
			B1	REVISED PER ECO-16-004263	17MAR2016	KO	SH	
			B2	ADD -32	12JUL2016	PP	SH	
			B3	AD -40	20SEP2016	PP	SH	



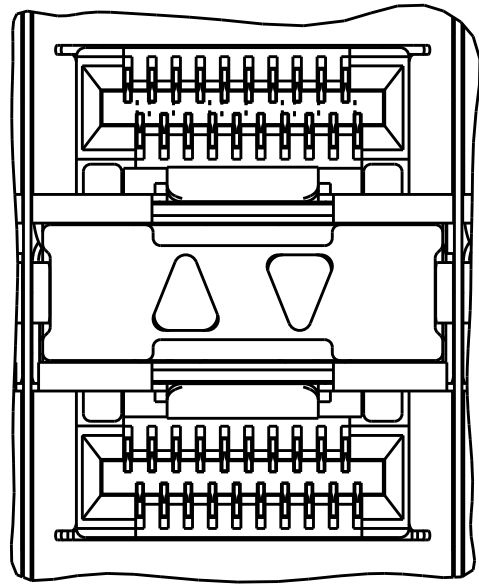
2198346-1



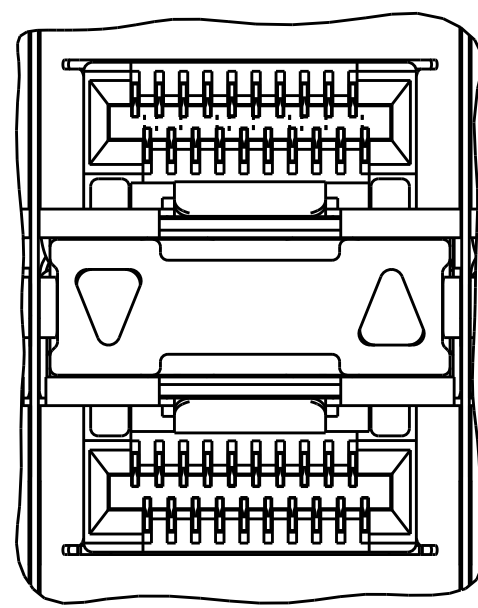
2198346-5



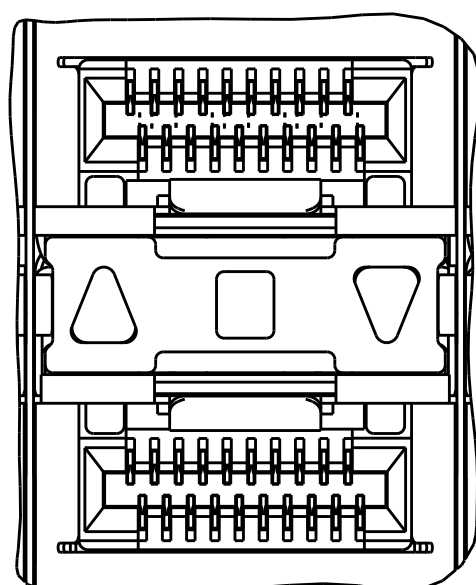
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



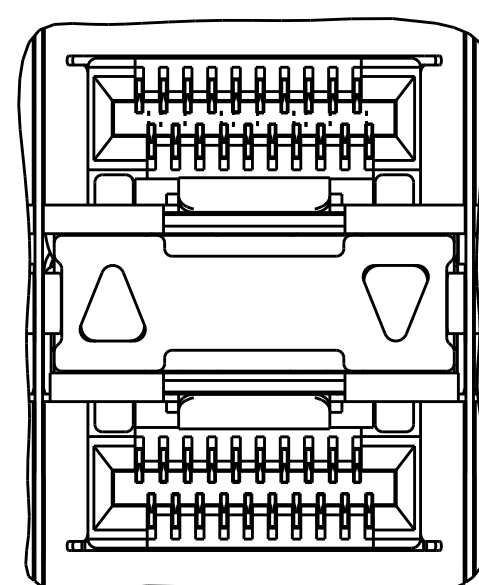
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



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

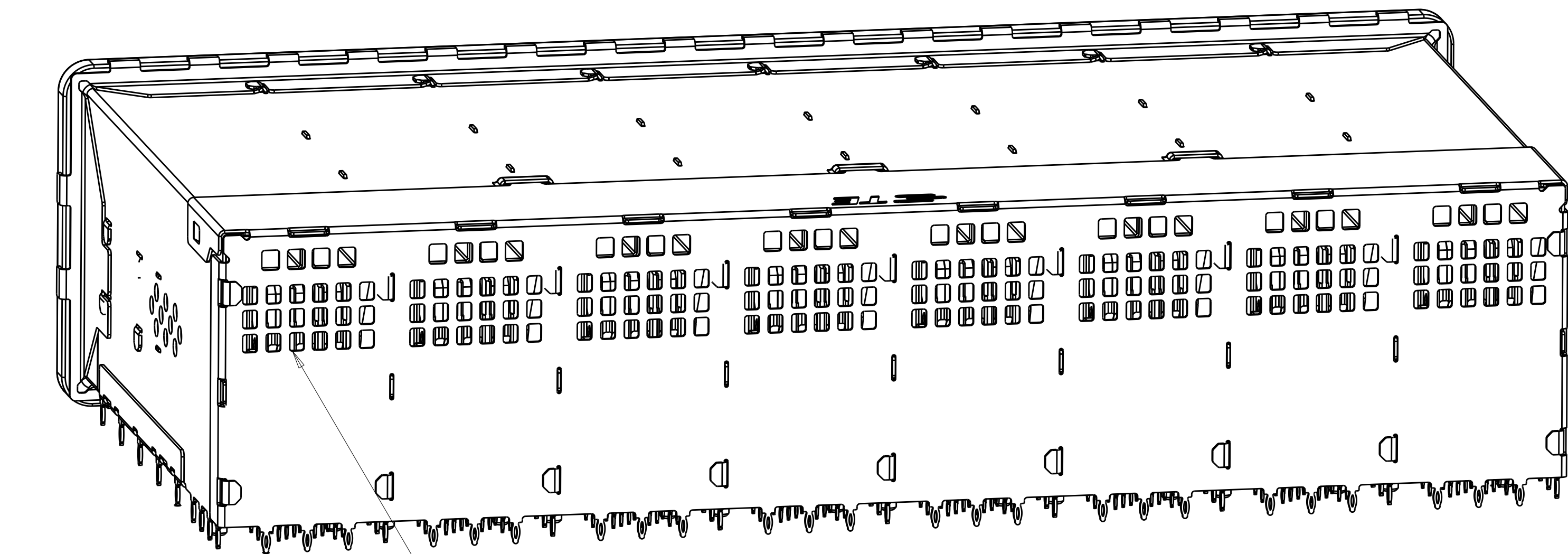
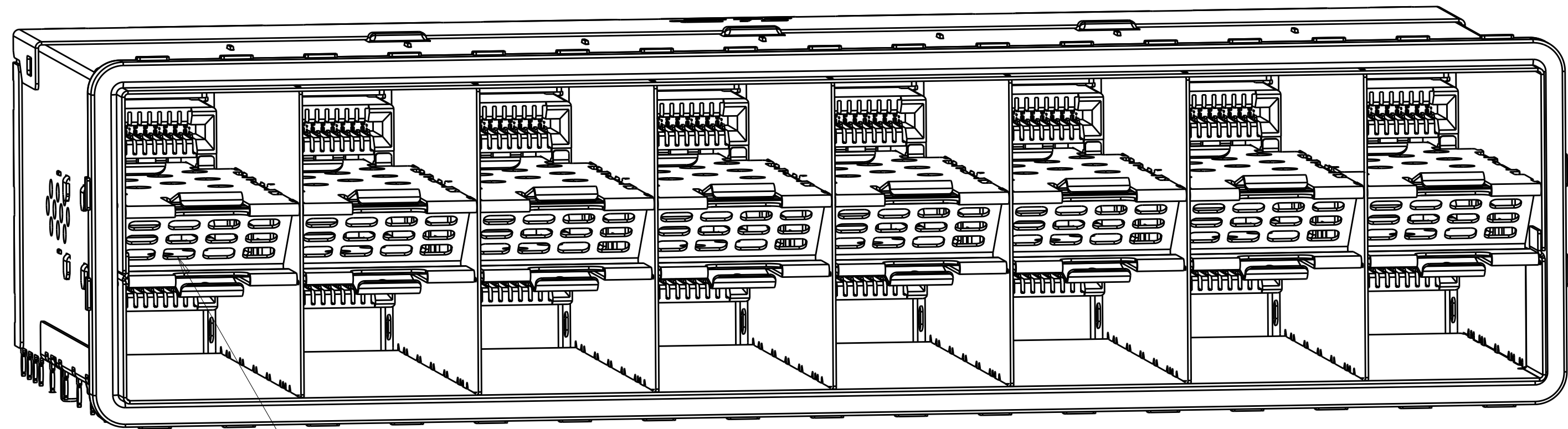
8. THE DIMENSIONS APPLY TO 4-2198346-0 ONLY.

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 ± 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±		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	

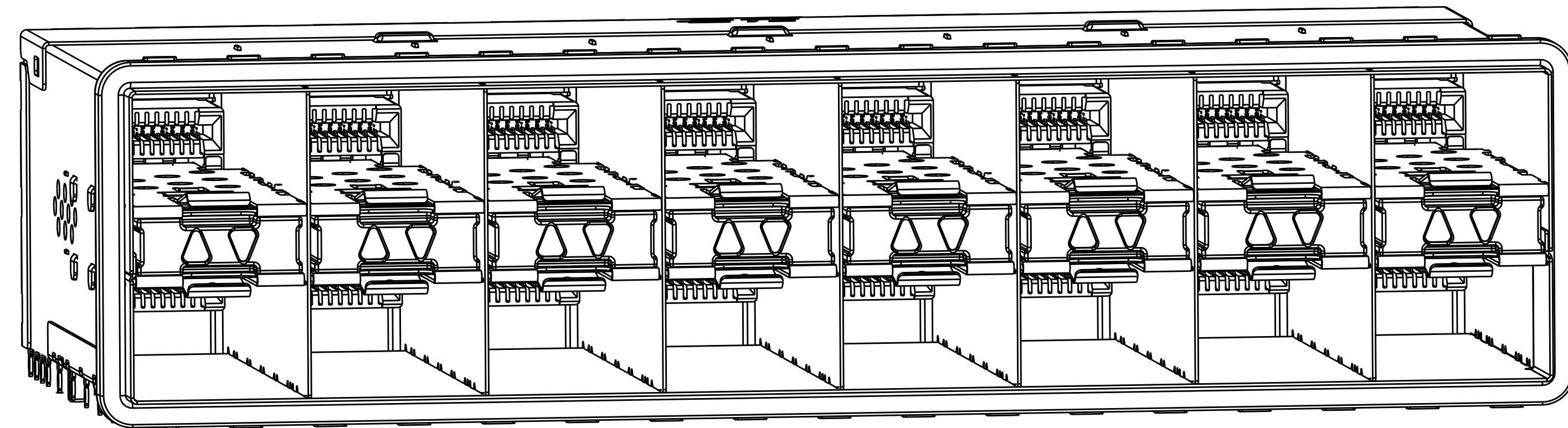
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

AIRFLOW ENHANCE TYPE

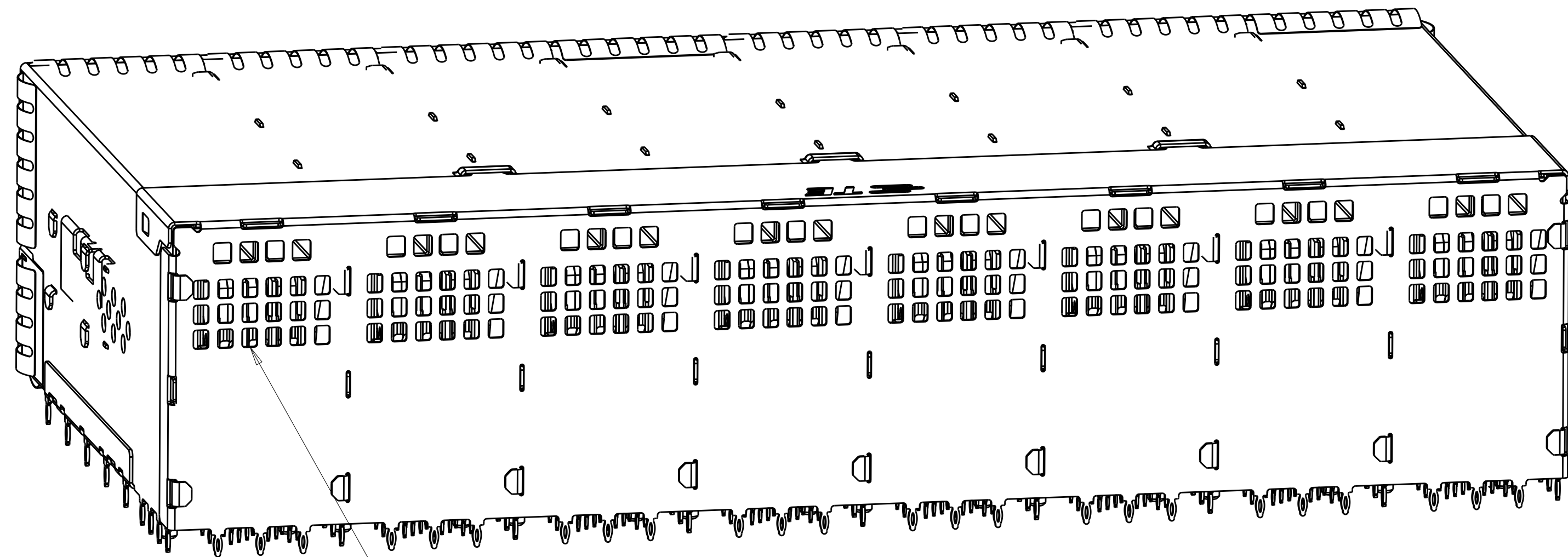
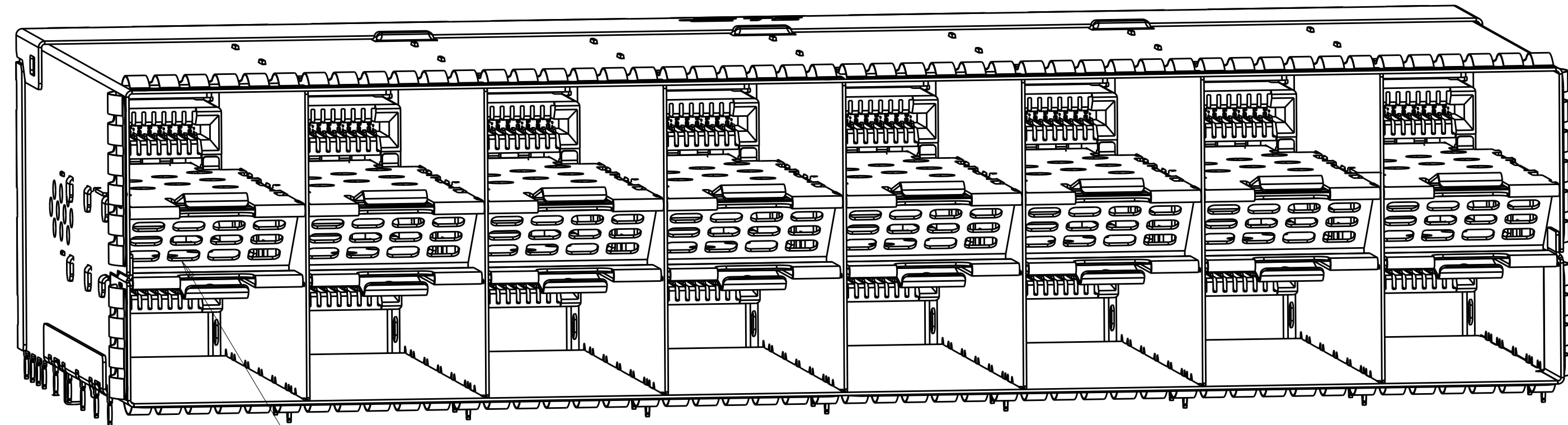


3-2198346-0
EMI GASKET TYPE

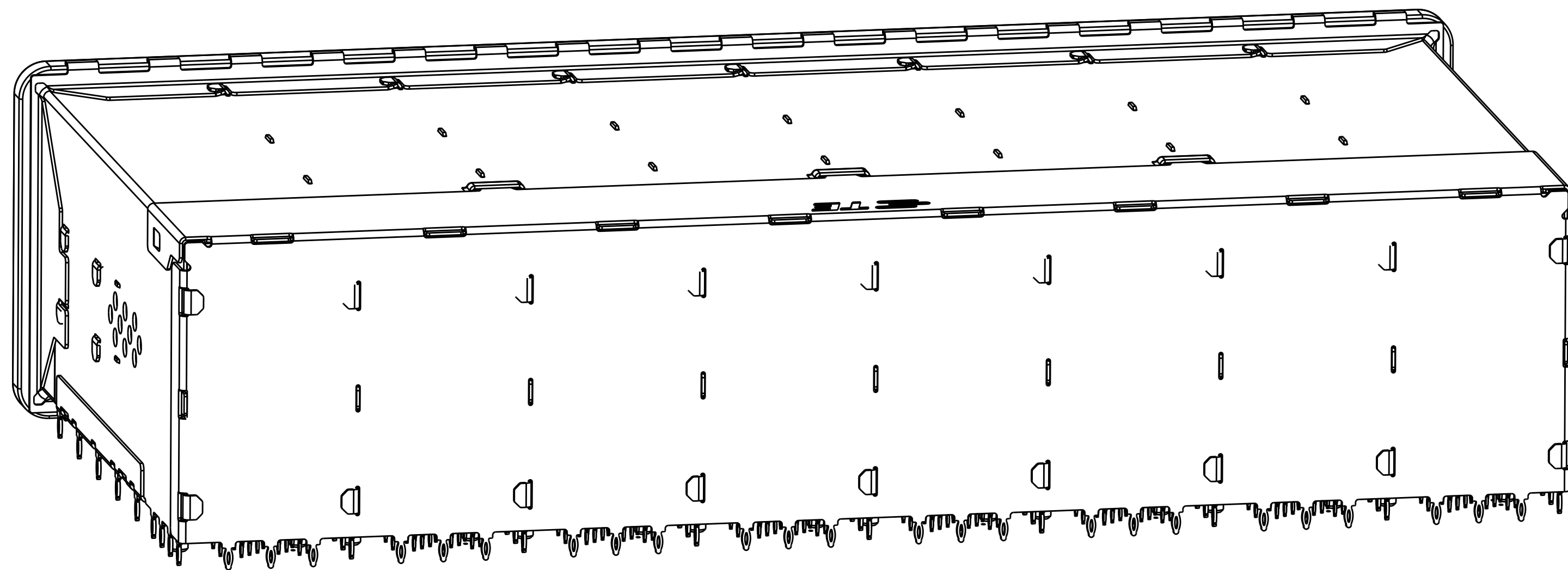
EMI GASKET TYPE
WITH LOW PROFILE FLANGE



3-2198346-2



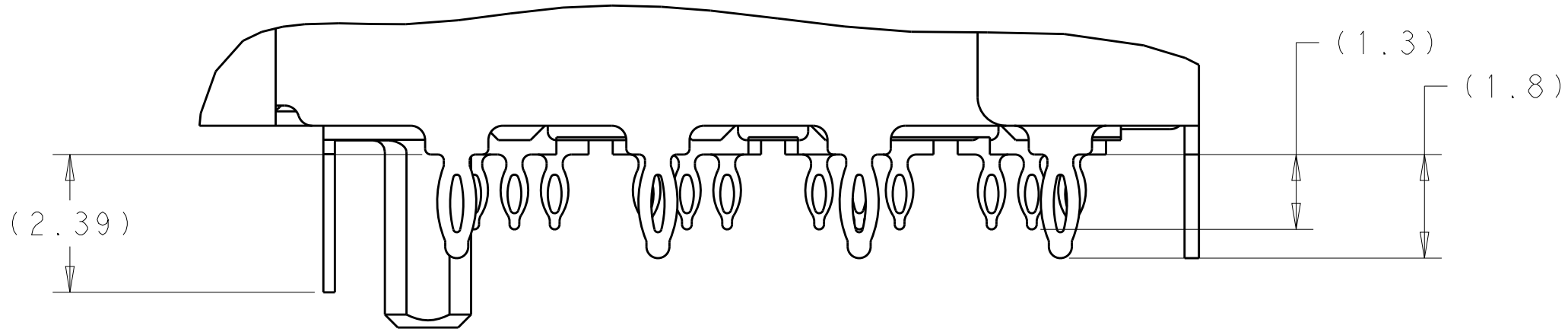
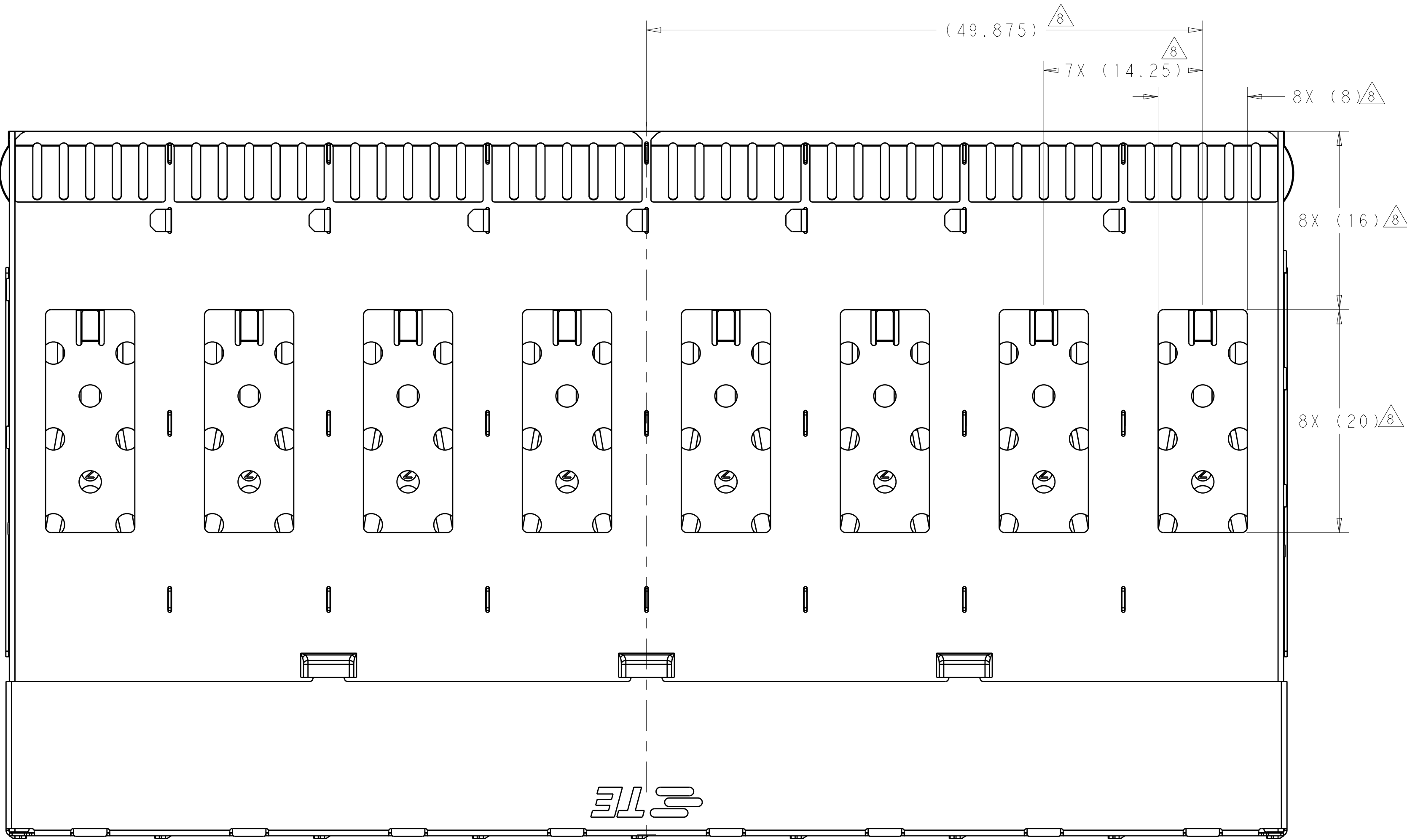
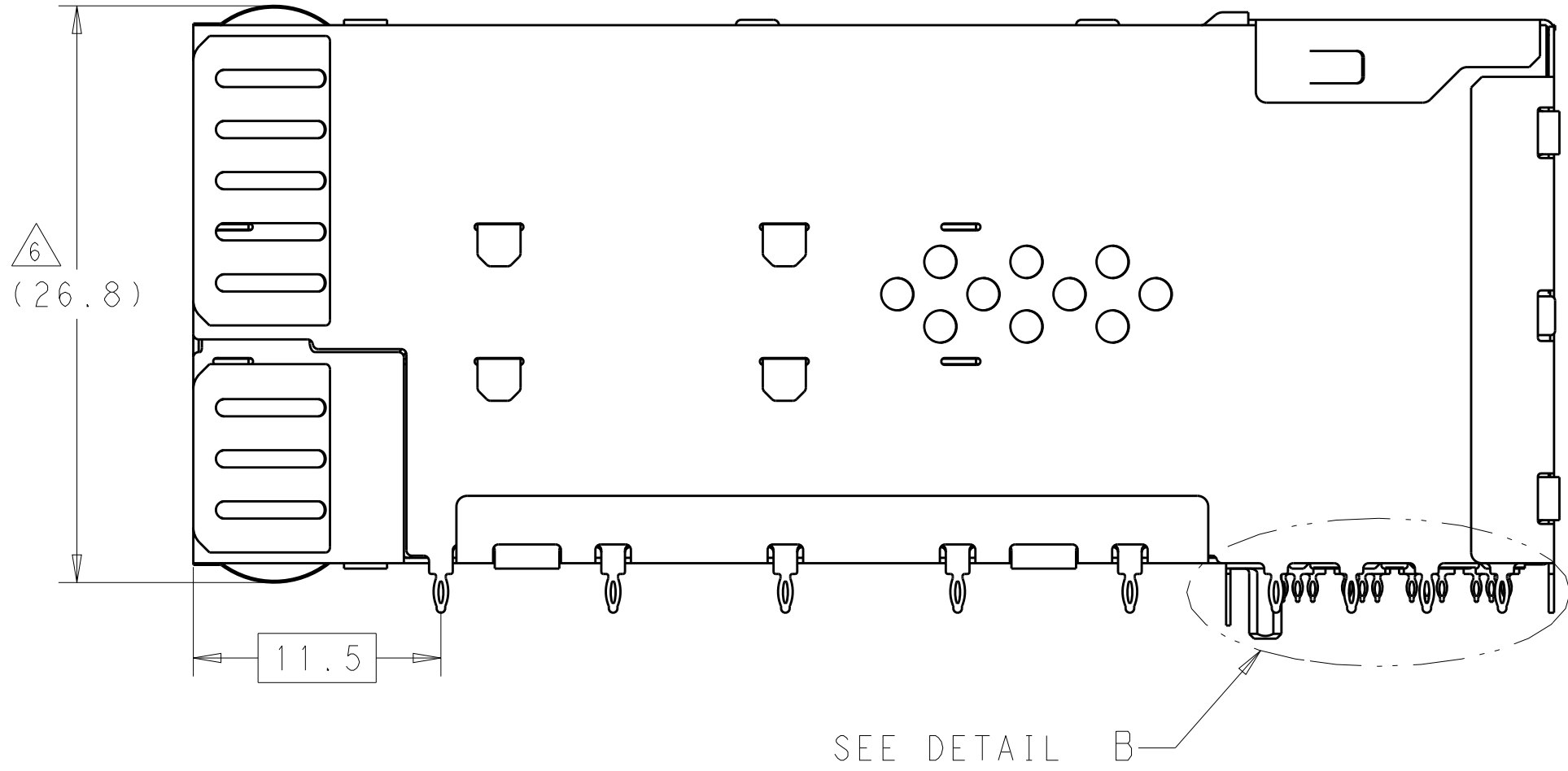
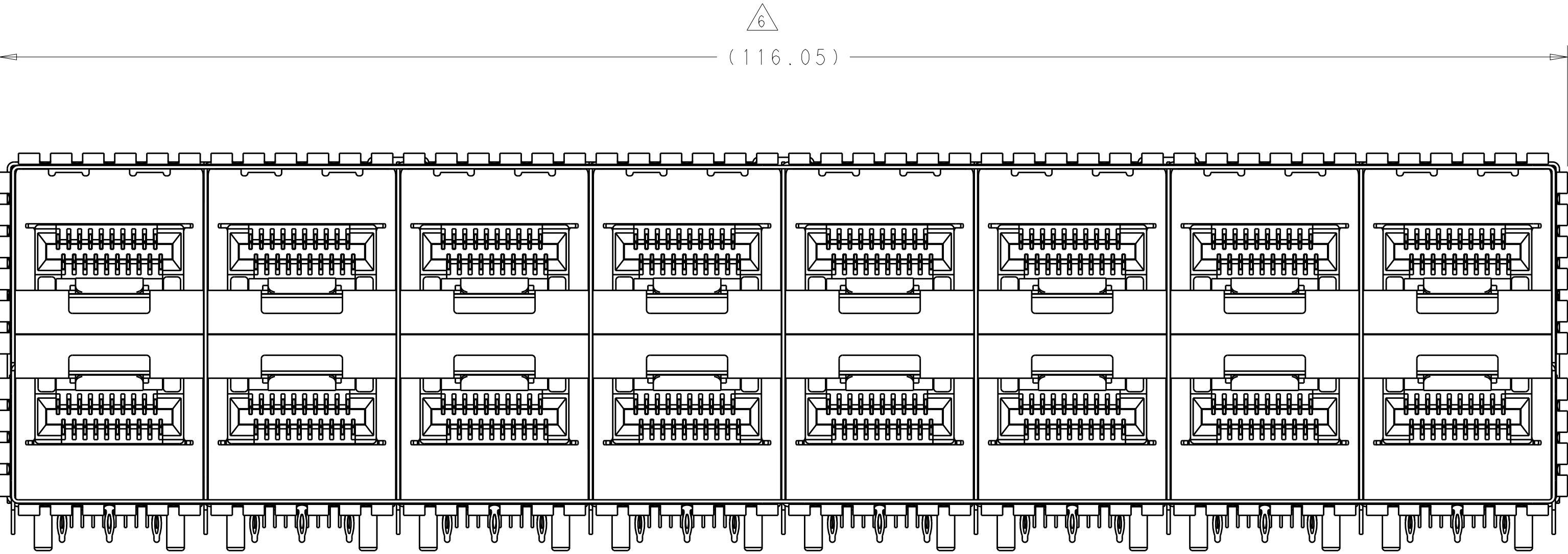
3-2198346-1
EMI SPRING TYPE



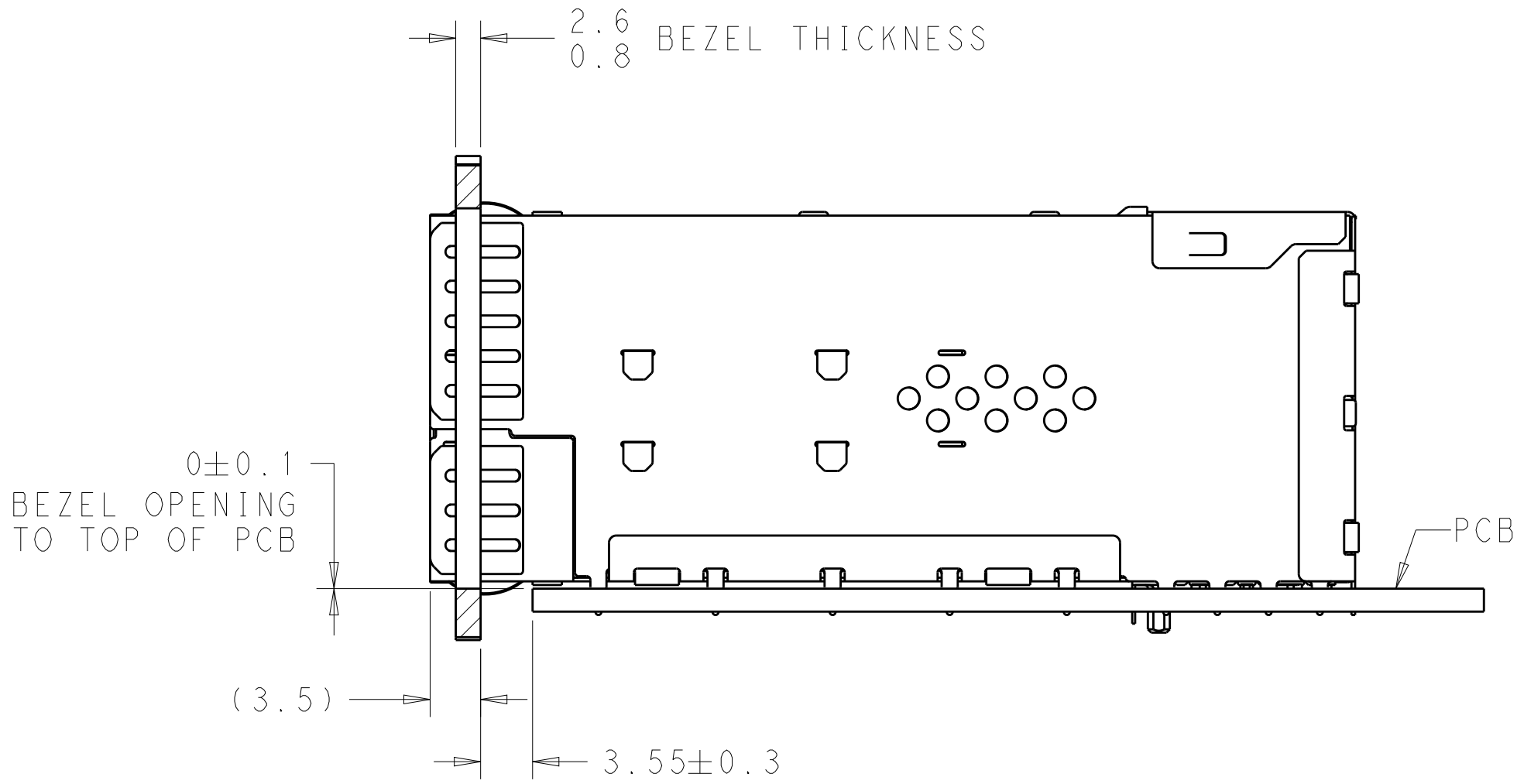
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 13DEC2011	 TE Connectivity	
DIMENSIONS: mm		CHK M.D. MORRISON 13DEC2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
		108-2481	A100779C=2198346	
		APPLICATION SPEC	RESTRICTED TO	
		114-13319		
MATERIAL		WEIGHT	SCALE 1:1 SHEET 2 OF 6 REV B	
SEE NOTES		Customer Drawing		

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	-	-	-

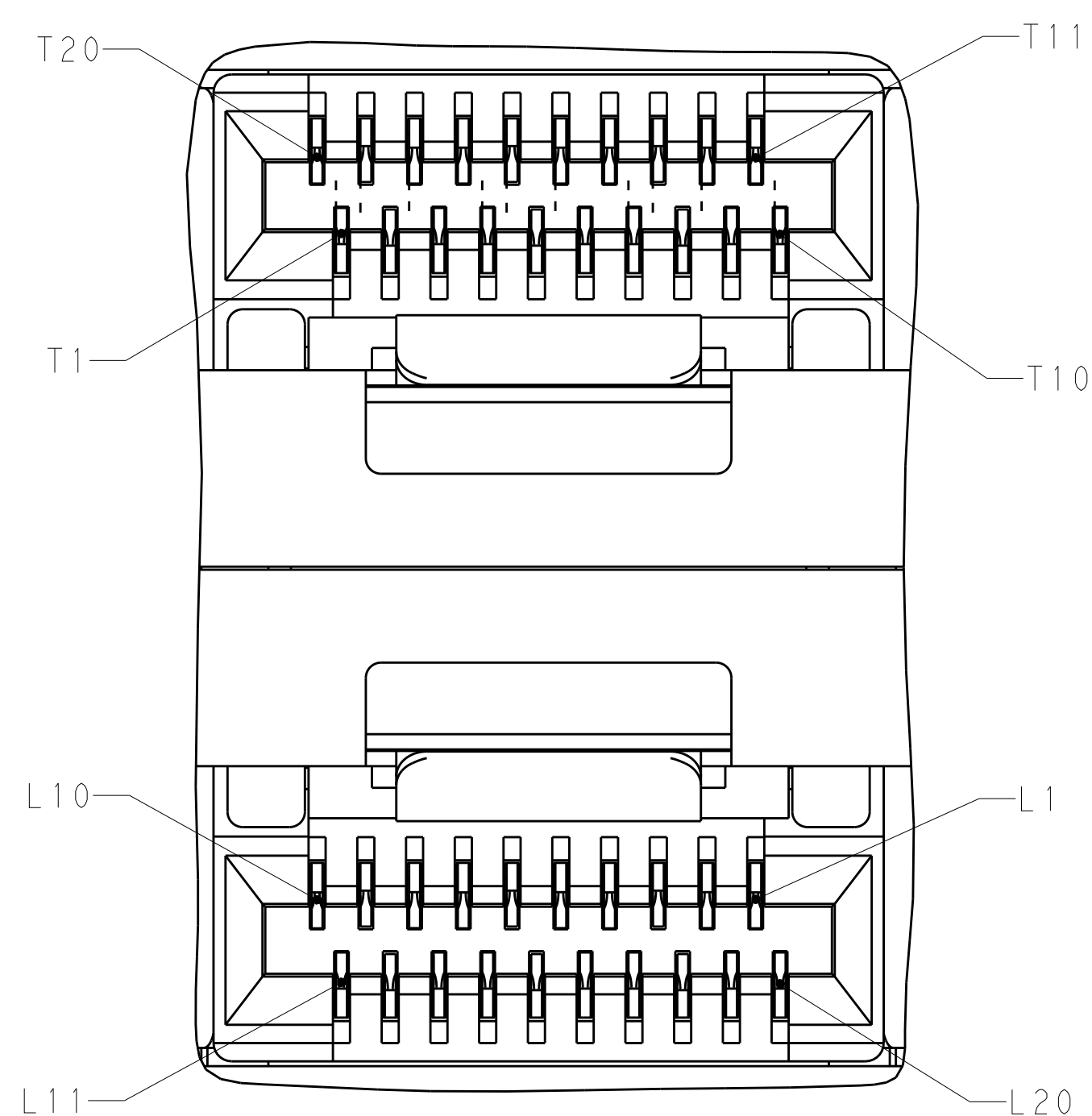
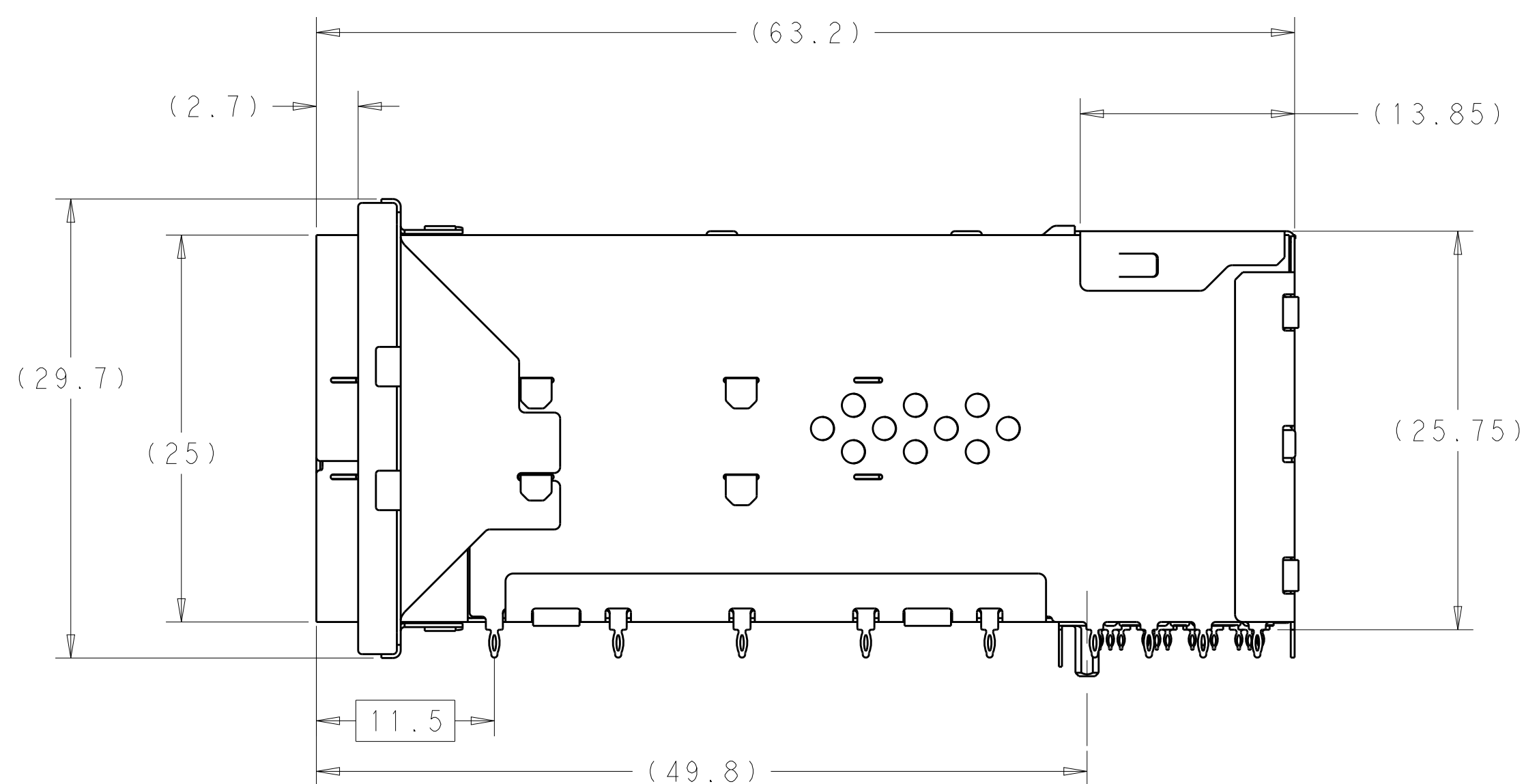


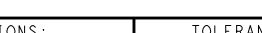
DETAIL B
SCALE 10:1

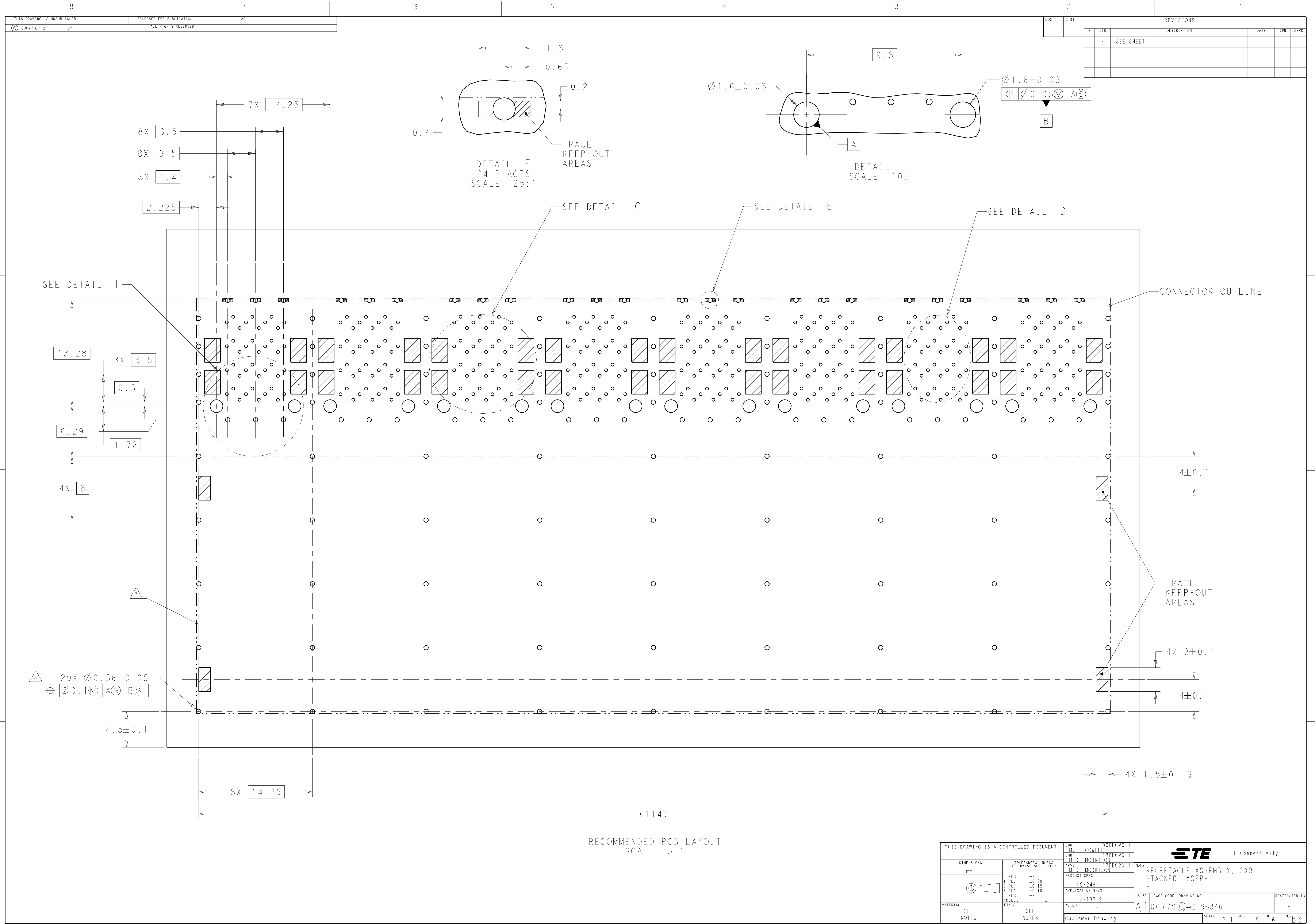


RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

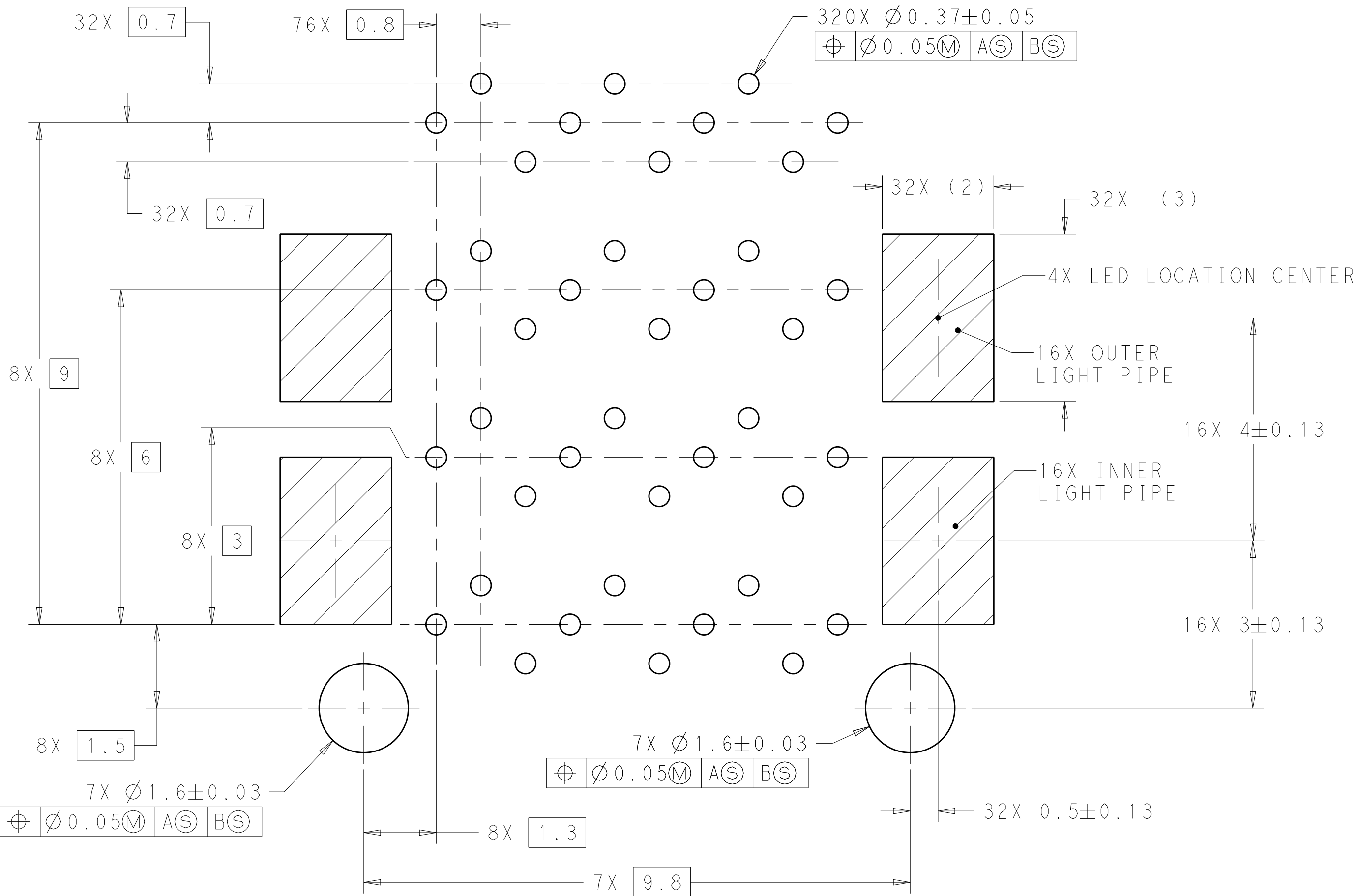
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
mm		0 PLC ±0.20 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±°			
		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319		SIZE CAGE CODE DRAWING NO A100779C=2198346	
MATERIAL SEE NOTES		FINISH SEE NOTES		RESTRICTED TO -	
Customer Drawing		SCALE 1:1		SHEET 3 OF 6 REV B3	



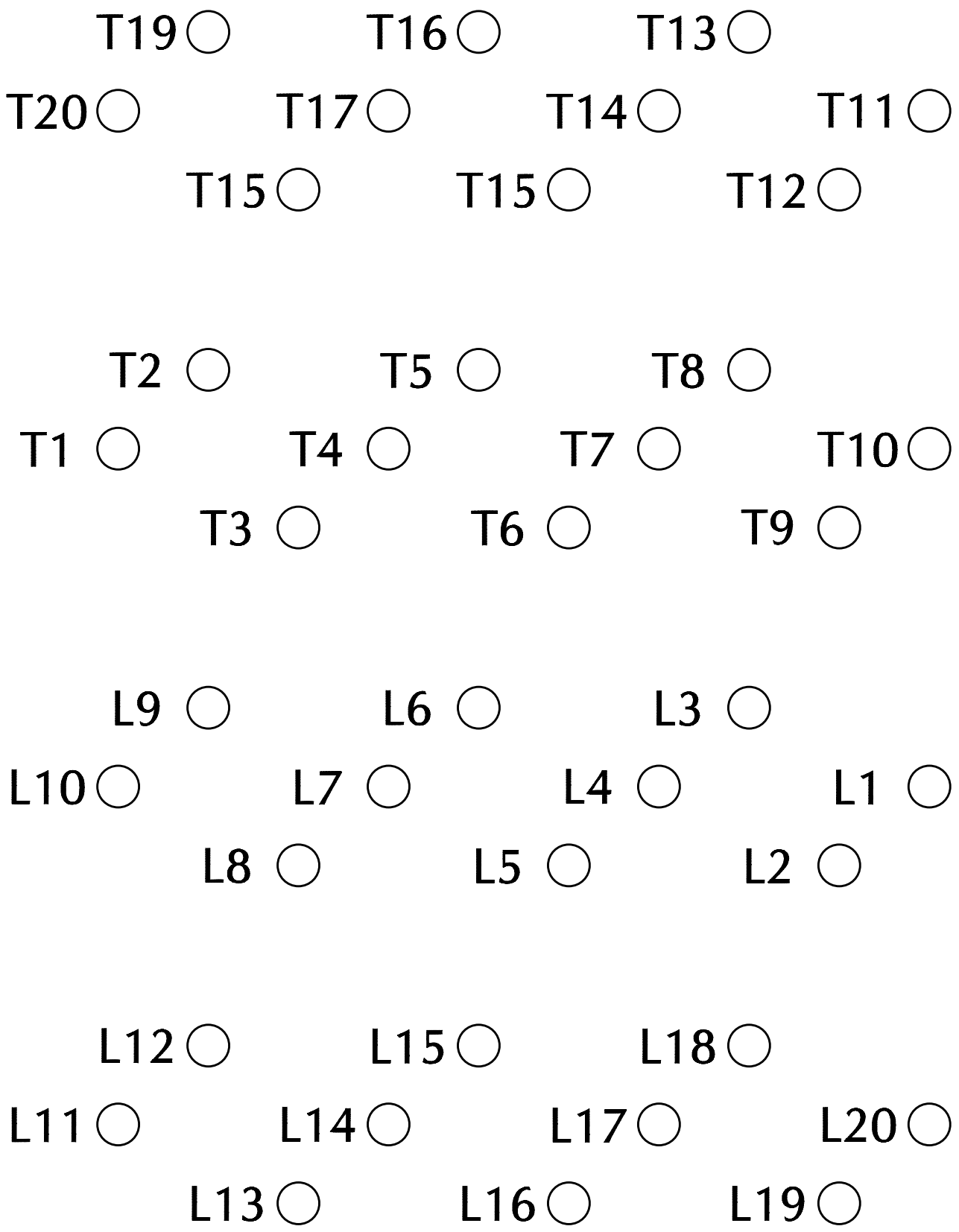
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09D1C2011 M.E. COWHER CHK 13DFC2011 M.D. MORRISON APP'D 13DFC2011 M.D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.0 1 PLC ±.20 2 PLC ±.15 3 PLC ±.10 4 PLC ±.05 ANGLES ±.		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, 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	



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

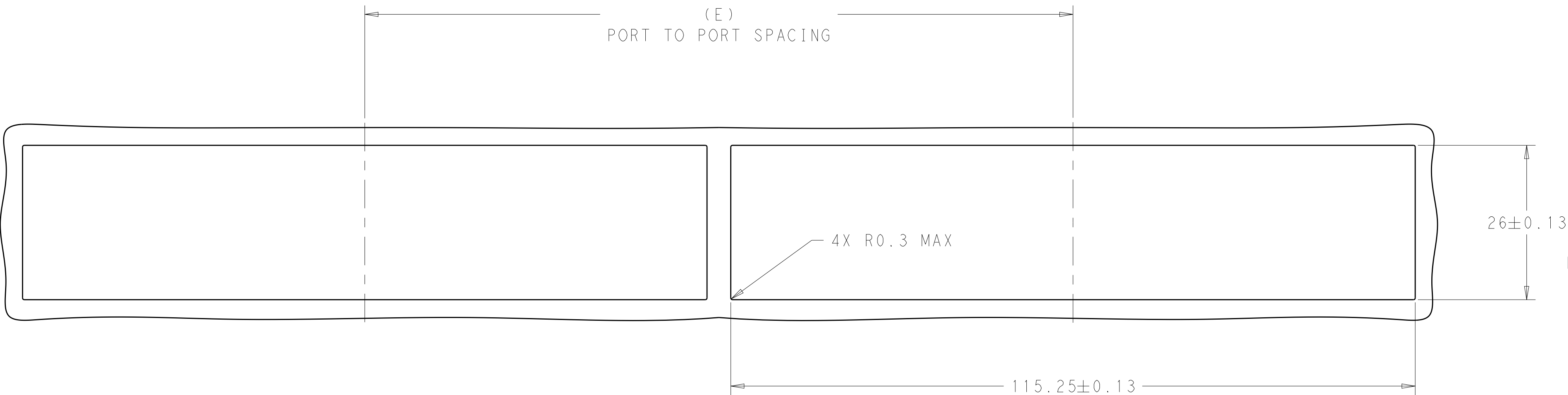


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1

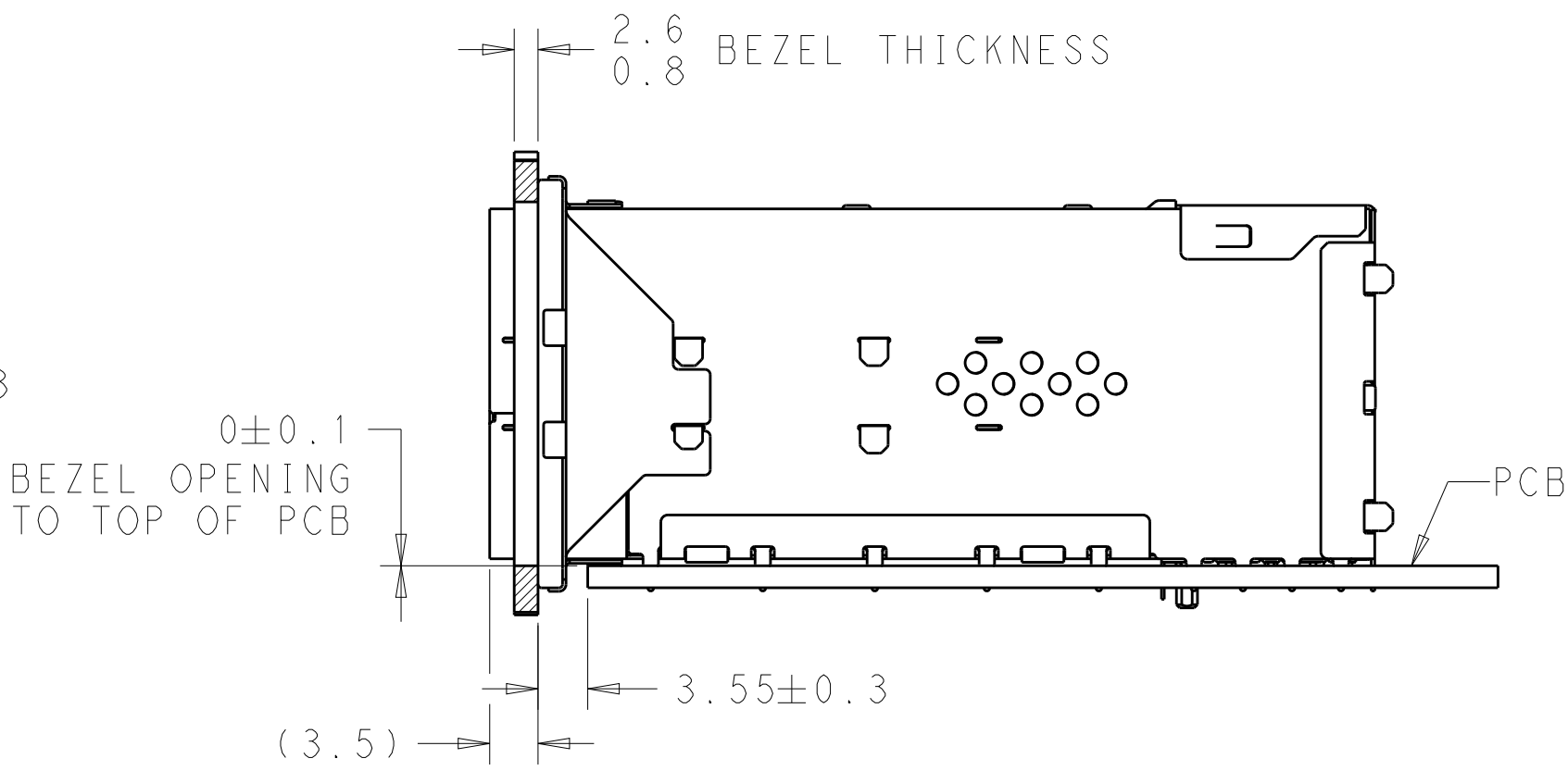


PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET

DETAIL D
PIN MAP
8X PLACES
SCALE 20:1



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 2:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE 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 ±0.10 FINISH	108-2481	SIZE	CAGE CODE DRAWING NO	
MATERIAL	SEE NOTES	114-13319	100779	2198346	
SEE NOTES	SEE NOTES	Customer Drawing	SCALE	3:1	
			SHEET	6 OF 6	
			REV	B3	



**Стандарт
Электрон
Связь**

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Наши контакты:

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Электронная почта: sales@st-electron.ru

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помещение 100-Н Офис 331