

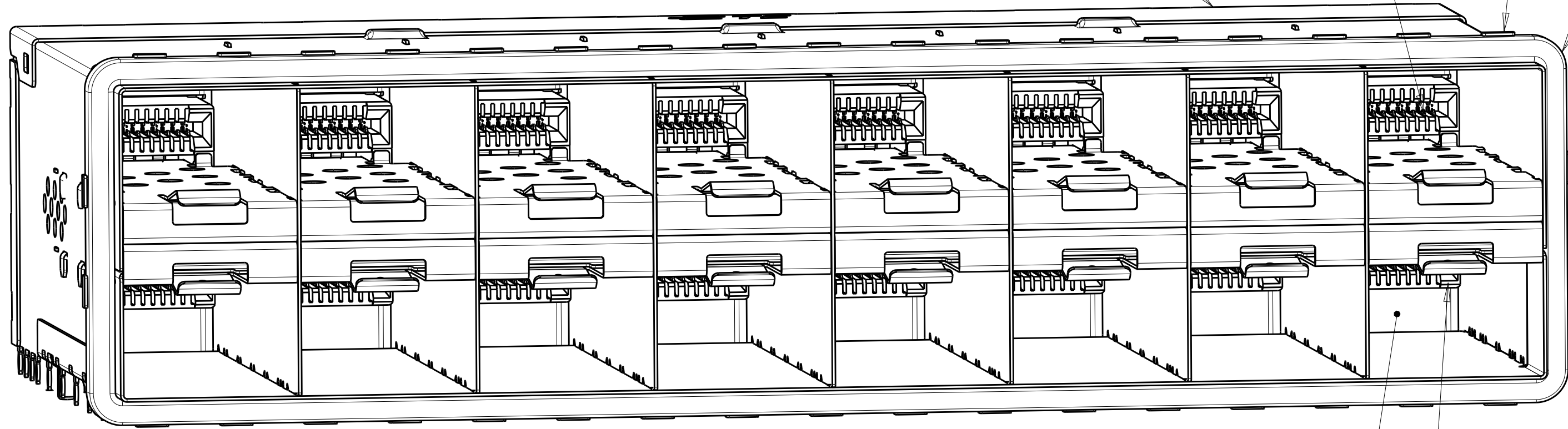
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		C	REVISED PER ECO-20-014521	130CT2020	JY	SH

CONTACT CHICKLET ALIGNMENT CLIP

GASKET FLANGE

EMI GASKET

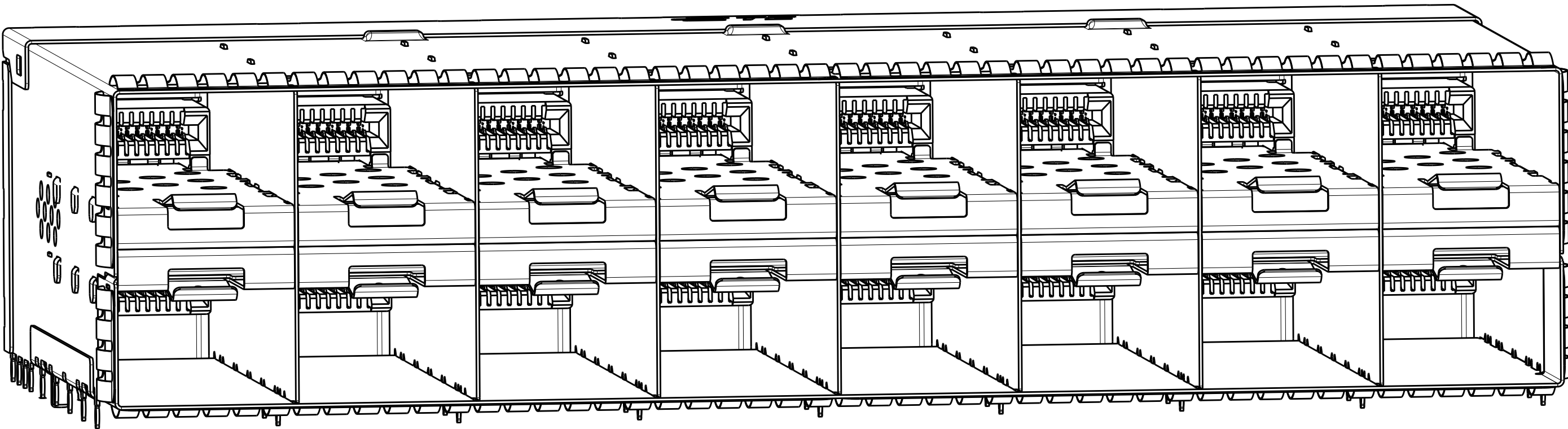
CAGE ASSEMBLY



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

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

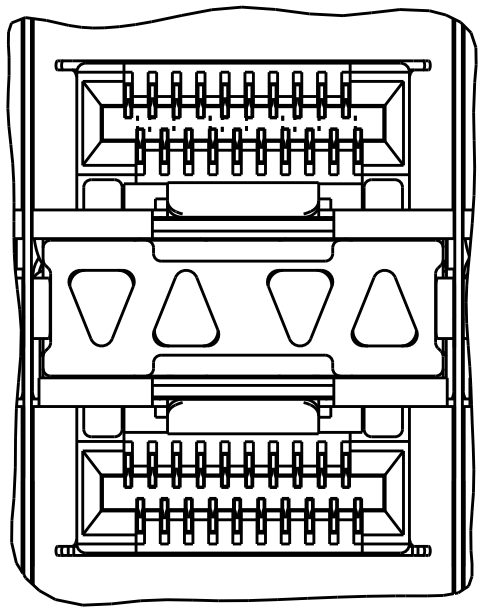
△5 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△6 DIMENSIONS APPLY FOR EMI SPRINGS ONLY

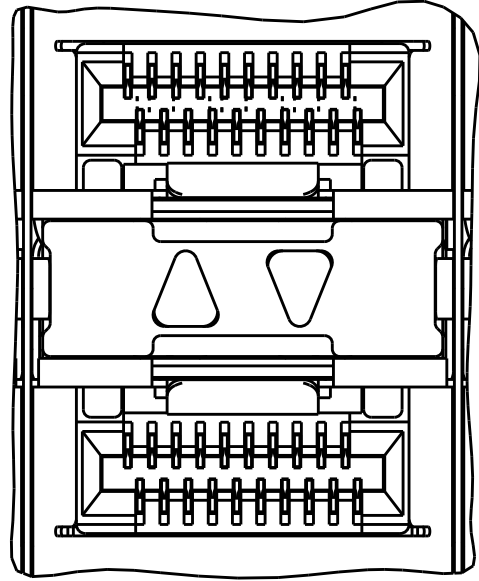
△7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

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

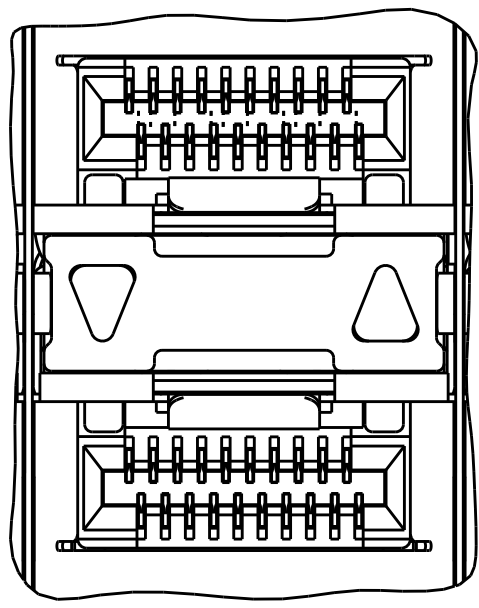
116.5	THERMAL HOLE TOP SURFACE	INNER	4-2198346-0
116.5	EMI SPRINGS,TAPE AIRFLOW ENHANCE TYPE	NONE	3-2198346-3
119.25	EMI GASKET LOW PROFILE FLANGE	INNER	3-2198346-2
116.5	EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2198346-1
119.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198346-0
116.5	EMI SPRINGS	REVERSED 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



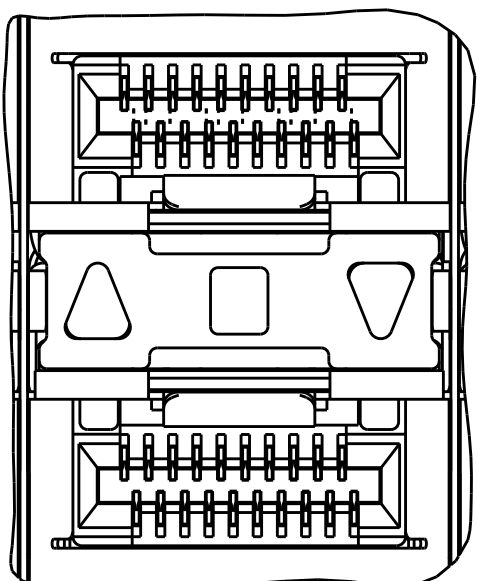
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



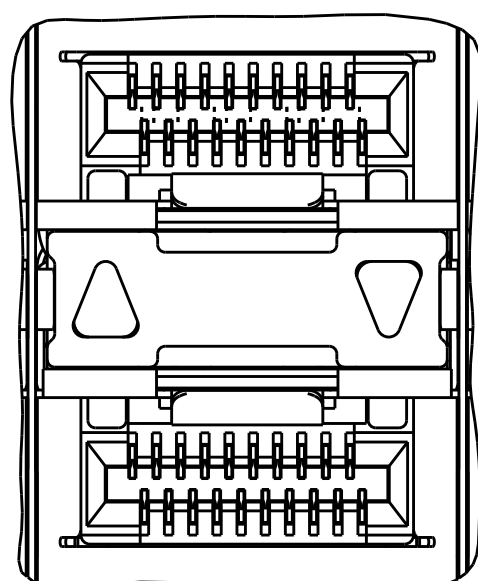
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



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



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

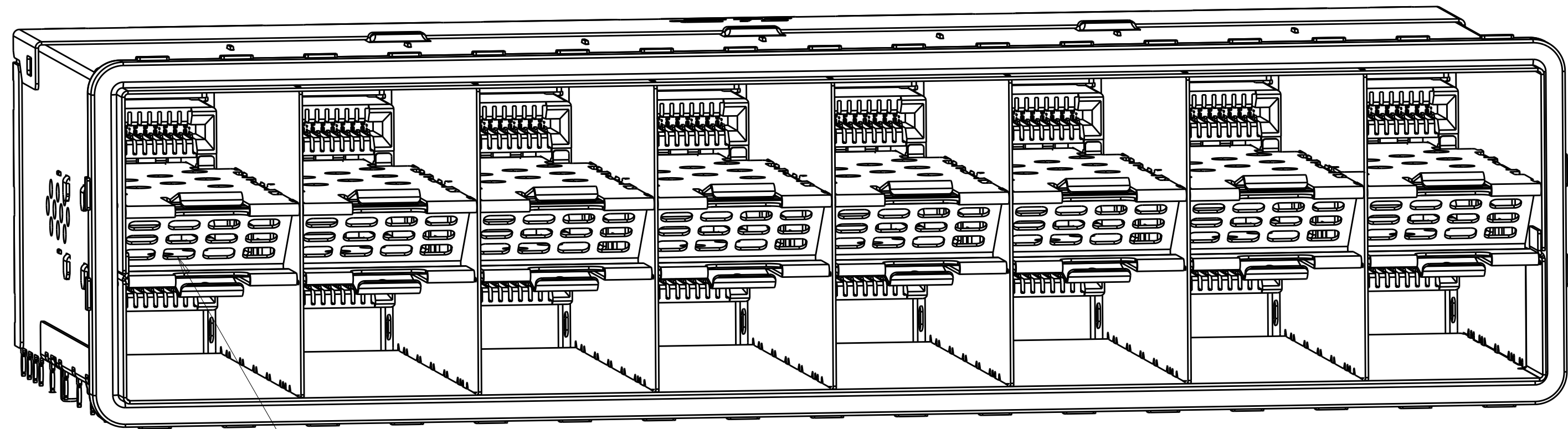


REVERSED OUTER LIGHT PIPES
1-2198346-8, 2-2198346-0
SCALE 4:1

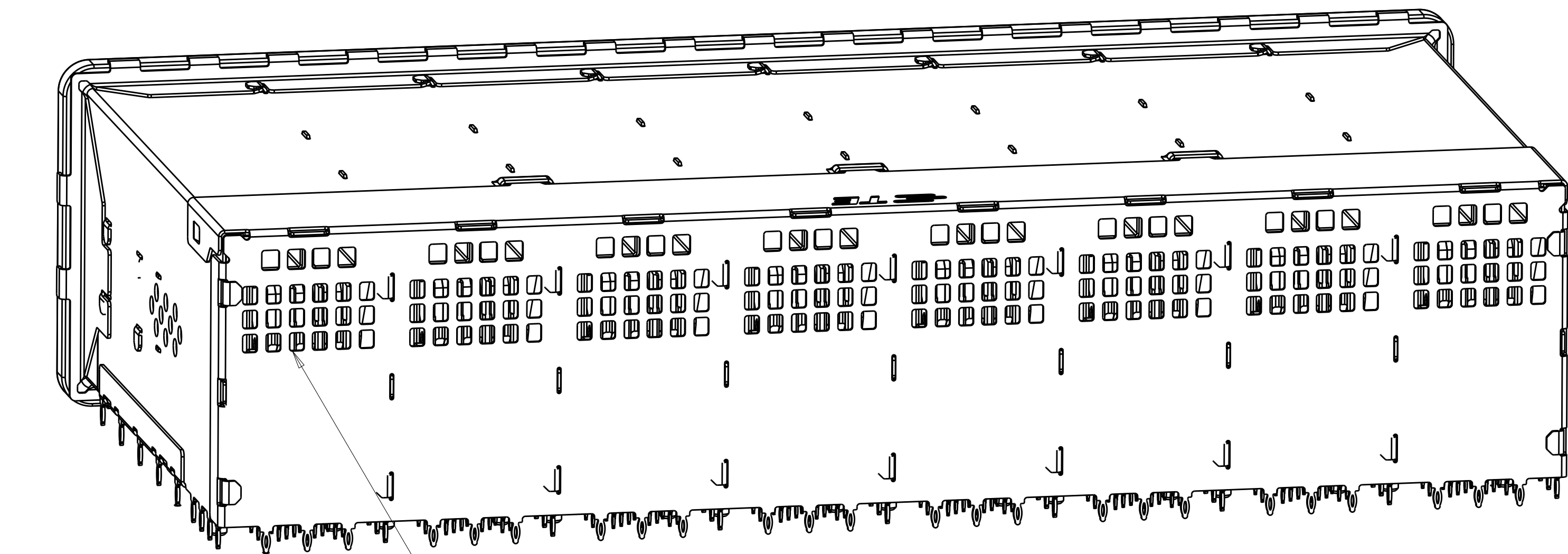
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DIMENSIONS:		CHK 13DEC2011 M.D. MORRISON	NAME	
mm		APVD 13DEC2011 M.D. MORRISON	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
		PRODUCT SPEC	SIZE	
		108-2481	CAGE CODE	
		APPLICATION SPEC	DRAWING NO	
		114-13319	RESTRICTED TO	
		WEIGHT	A100779C=2198346	
MATERIAL SEE NOTES		FINISH SEE NOTES	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



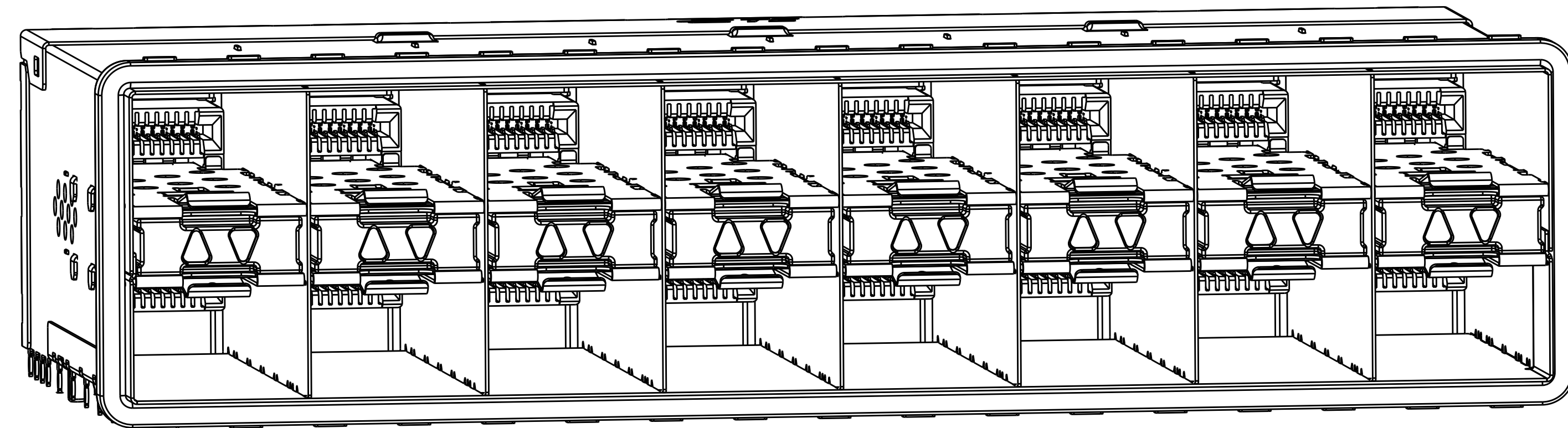
AIR VENTS



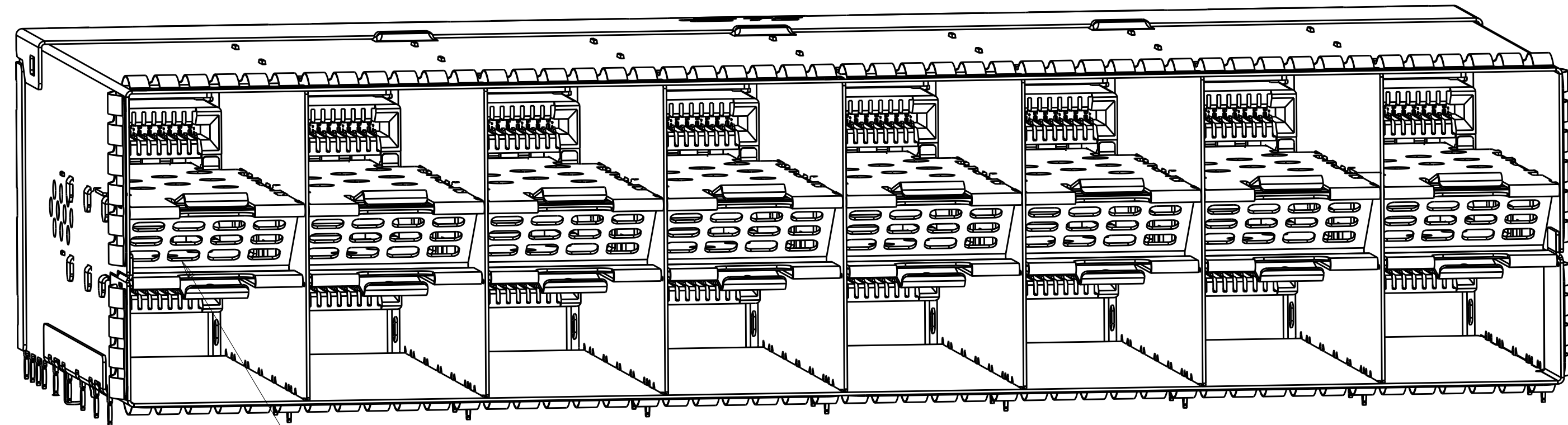
AIR VENTS

3-2198346-0
EMI GASKET TYPE

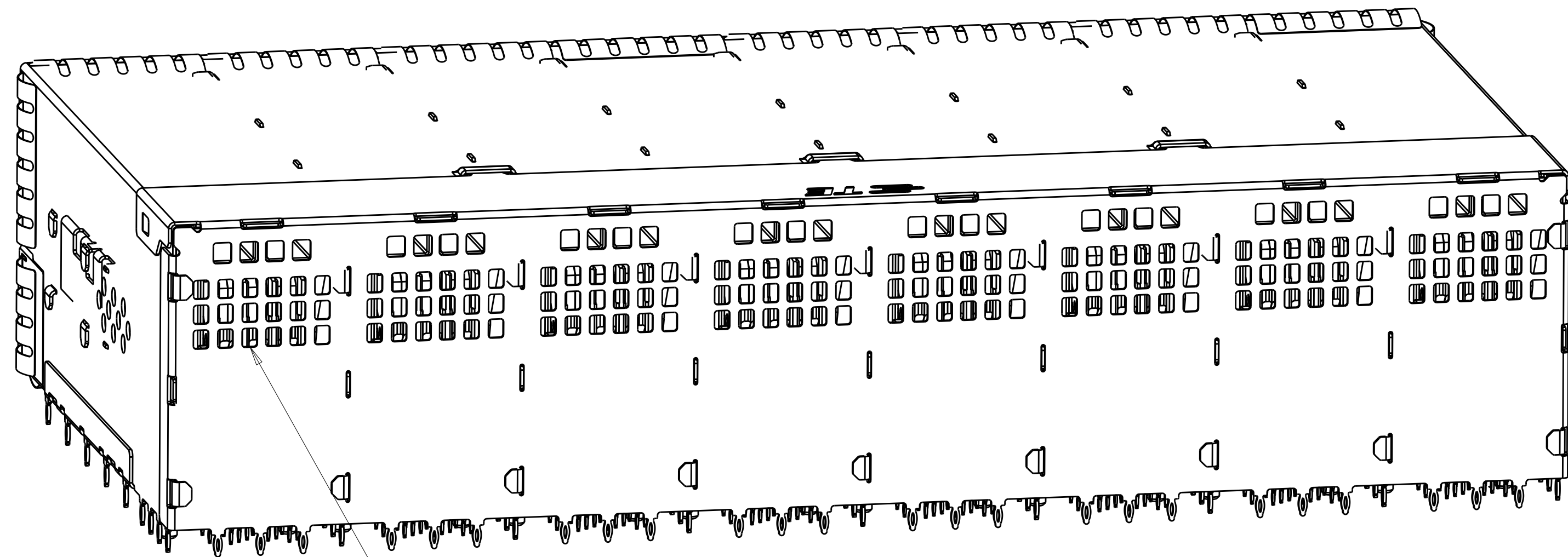
EMI GASKET TYPE
WITH LOW PROFILE FLANGE



3-2198346-2

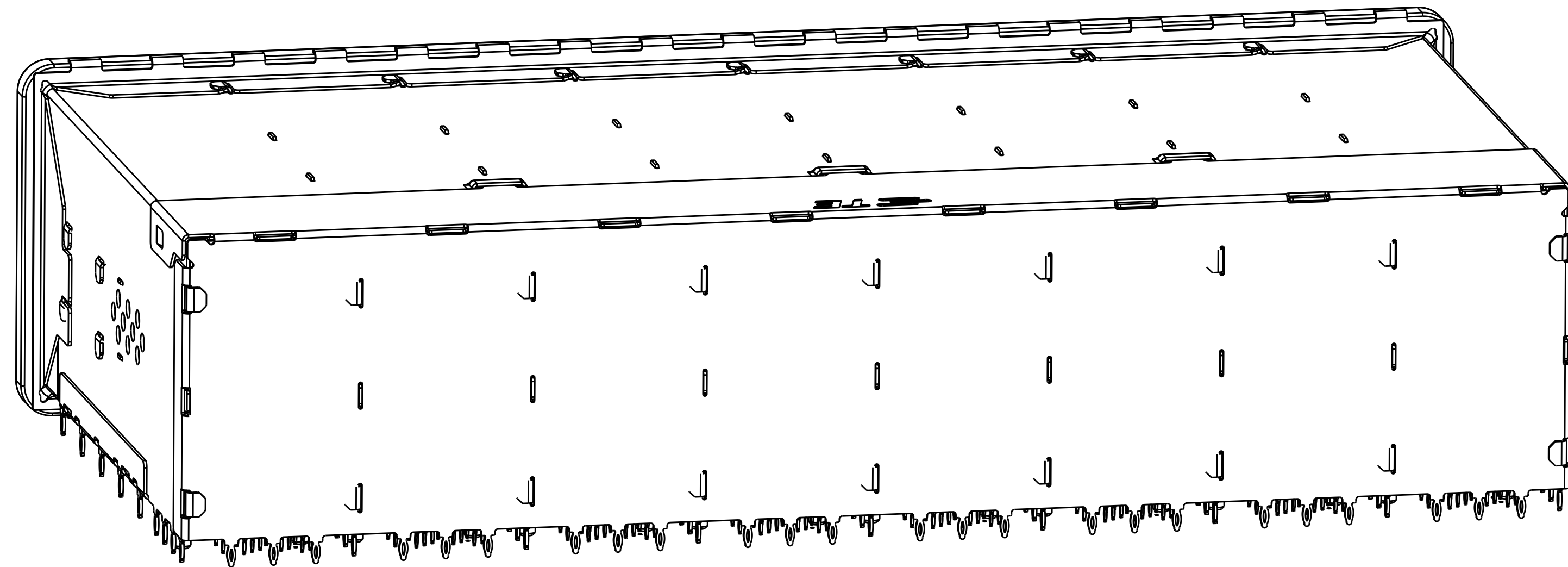


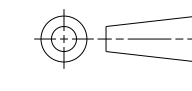
AIR VENTS



AIR VENTS

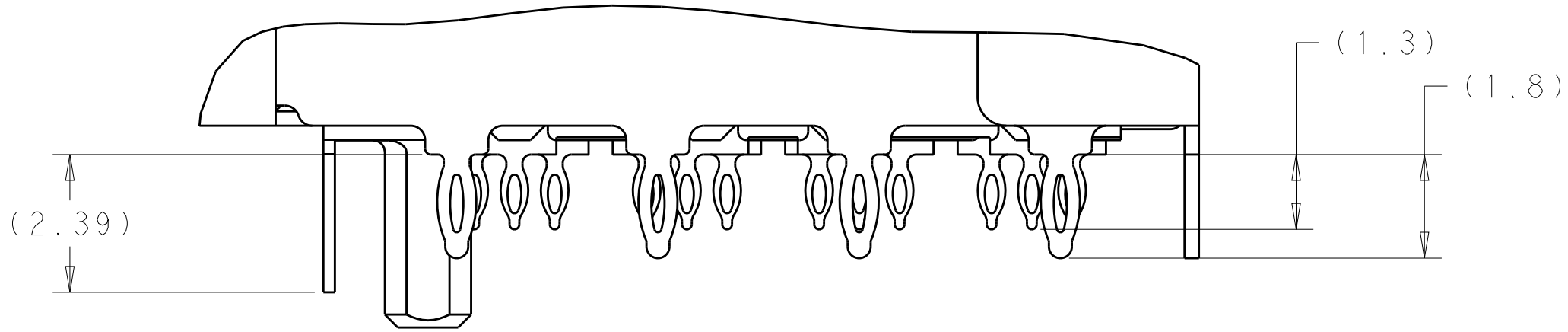
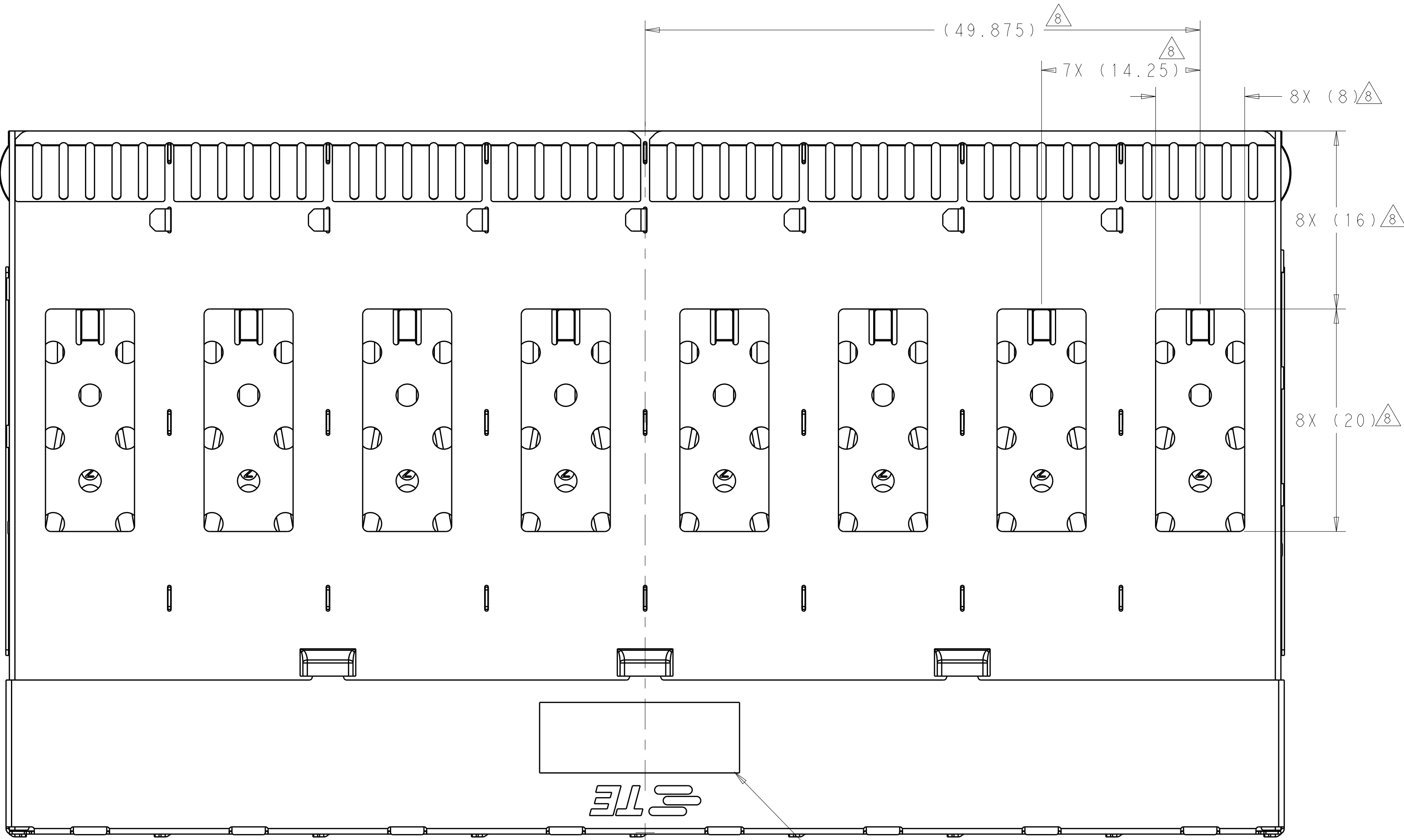
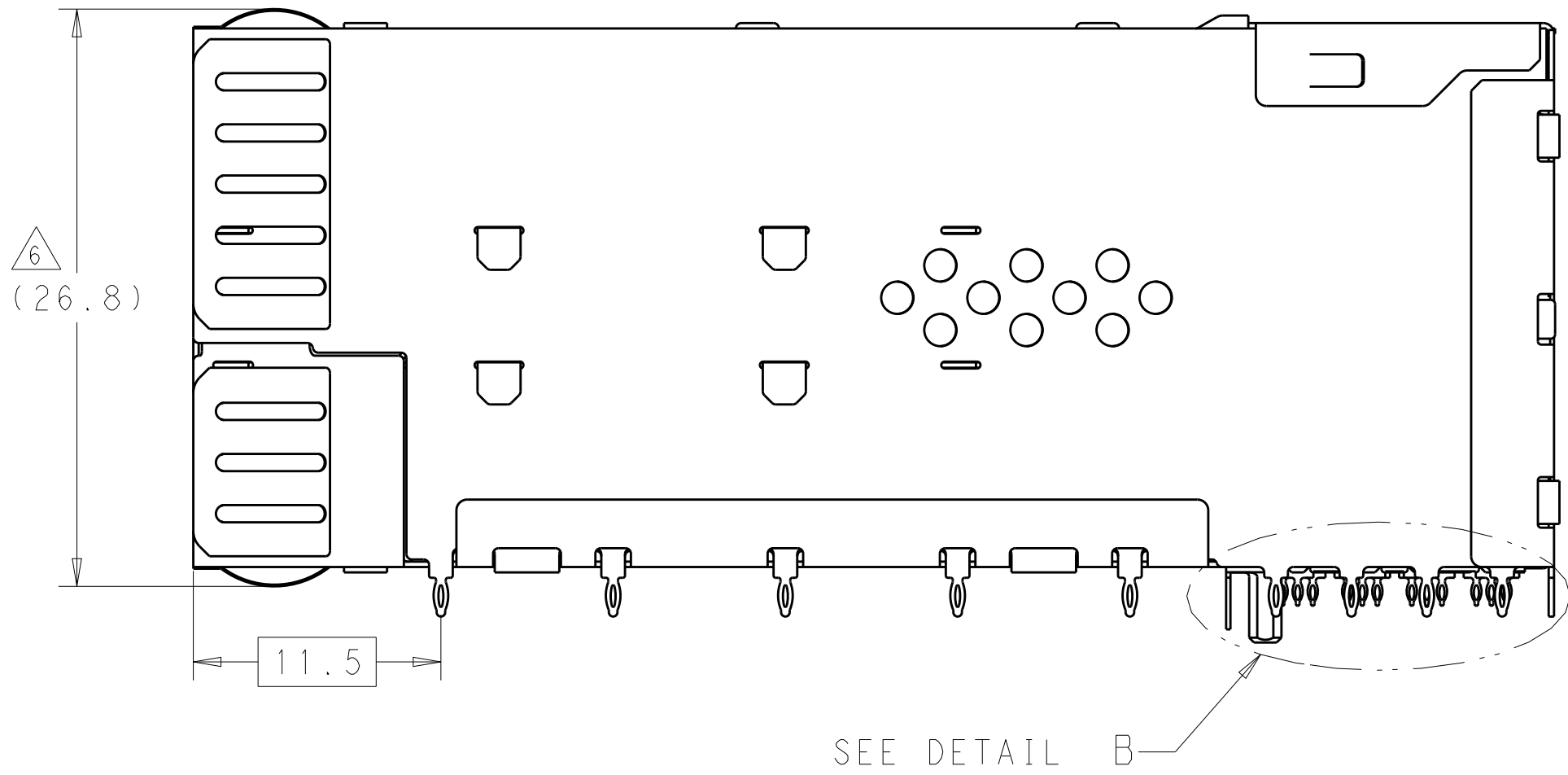
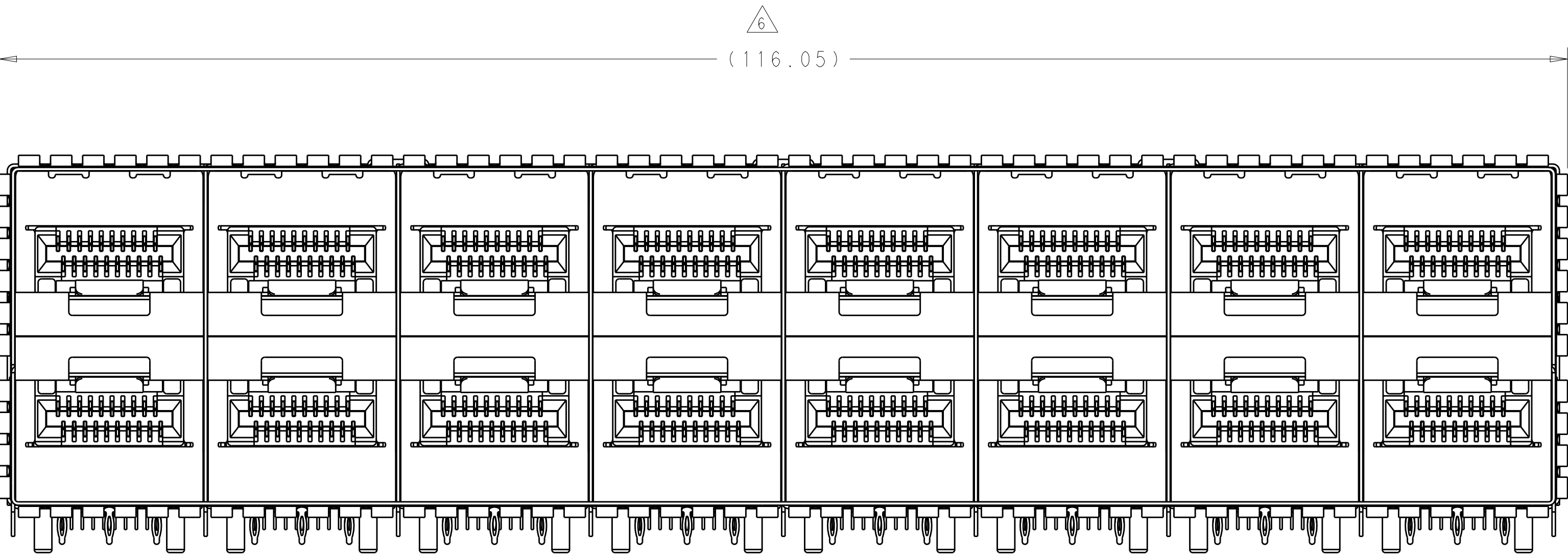
3-2198346-1
EMI SPRING TYPE



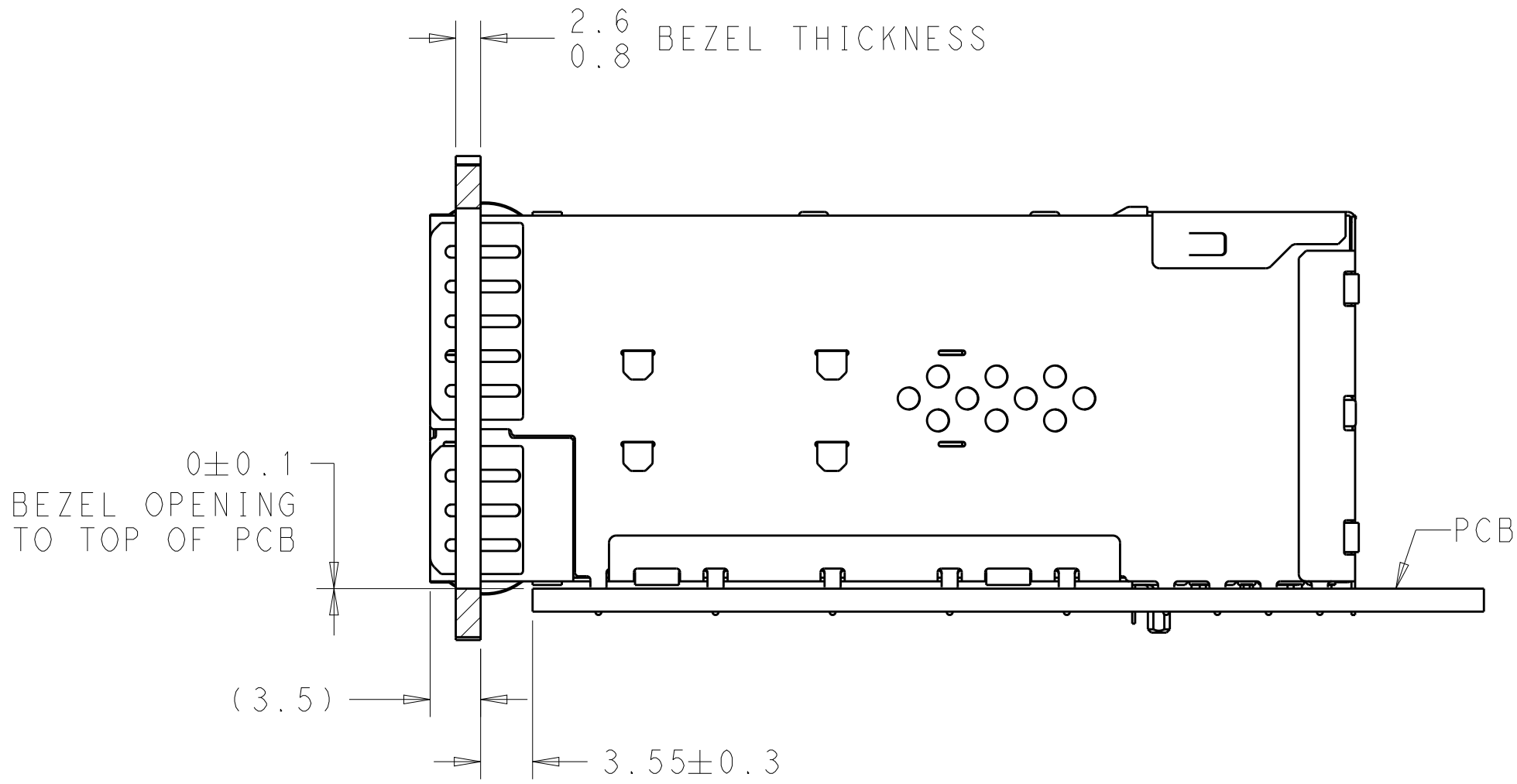
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 09DEC2011	 TE Connectivity		
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+		
	0 PLC	±	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
	1 PLC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

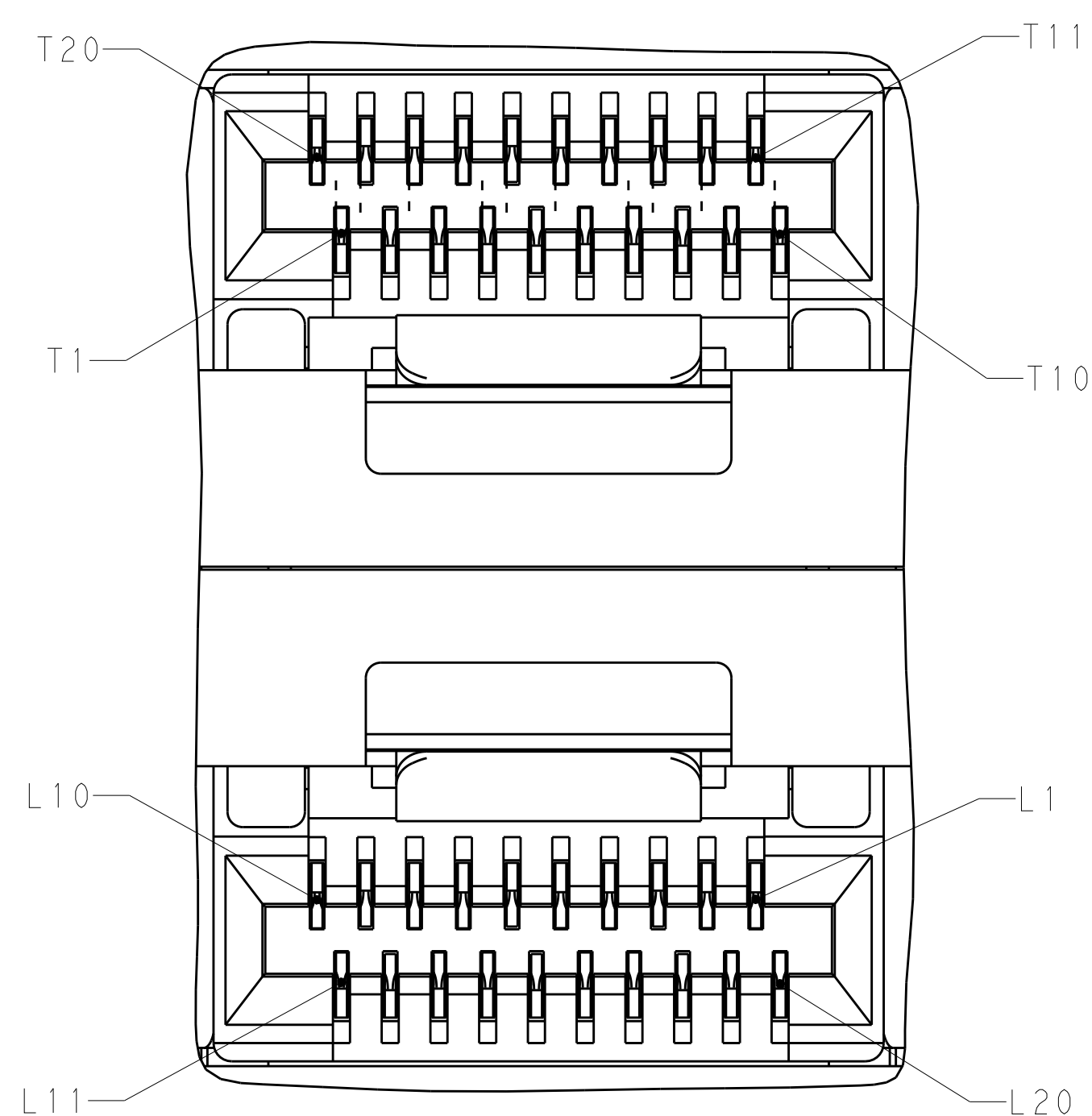
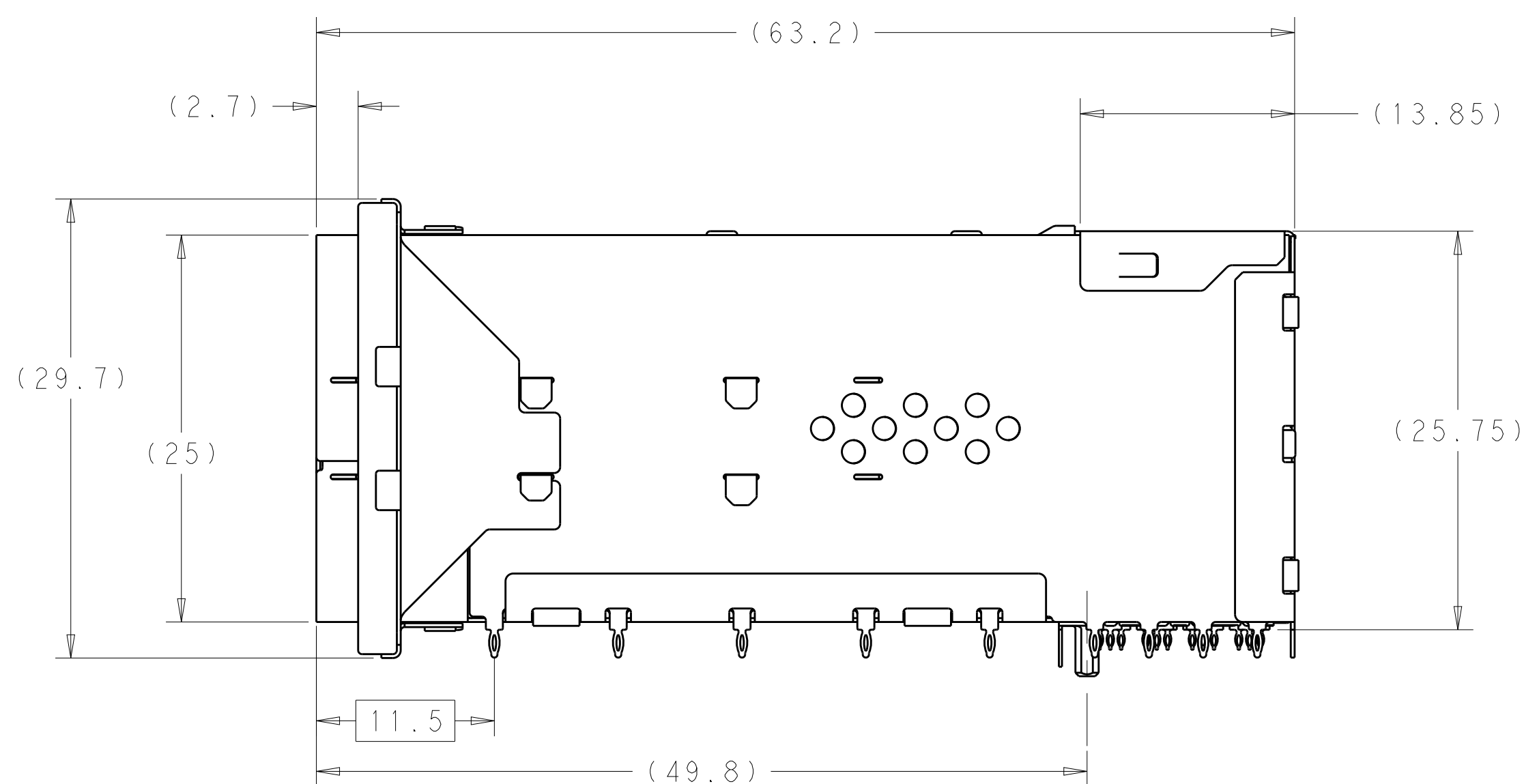


DETAIL B
SCALE 10:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

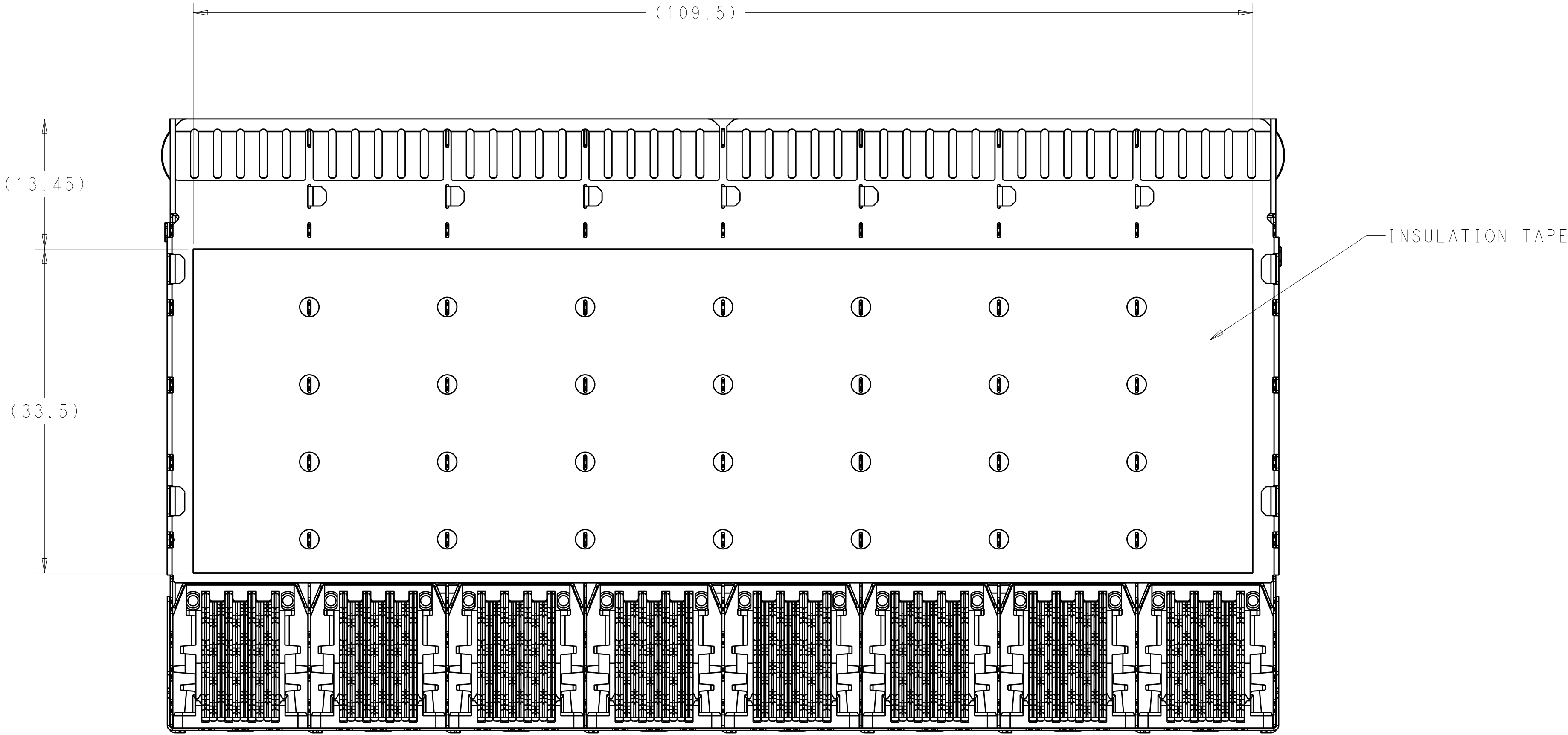
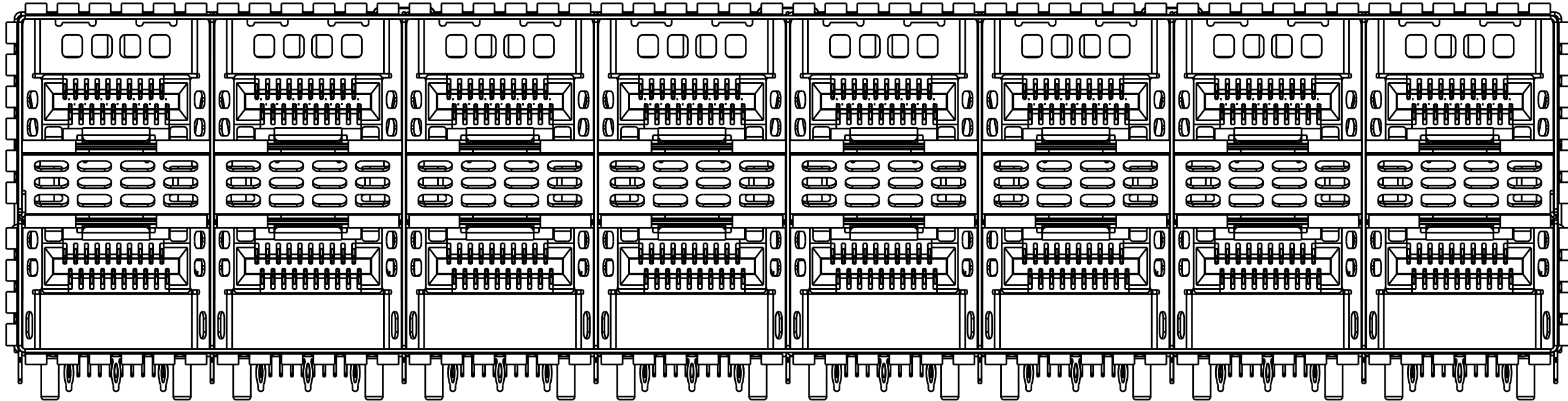
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 13DEC2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
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	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±0.10	114-13319	
MATERIAL		FINISH	WEIGHT	
SEE NOTES		SEE NOTES	Customer Drawing	
		SIZE	CAGE CODE	DRAWING NO
		A1	00779	C=2198346
		SCALE	3:1	SHEET 3 OF 7
		REV	C	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 09DEC2011 M. F. COHNER CHK. 13DEC2011 M. D. MORRISON APPR. 13DEC2011 M. D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
		0 PL/C ±.1 1 PL/C ±0.20 2 PL/C ±0.15 3 PL/C ±0.10 4 PL/C 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		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	DWN
		-		SEE SHEET 1	-	-



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DWN

M.E. CONNER

09DEC2011

CHK

M.D. MORRISON

13DEC2011

APVD

M.D. MORRISON

13DEC2011

TE Connectivity

NAME

RECEPTACLE ASSEMBLY, 2X8,
STACKED, zSFP+

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

108-2481

114-13319

A100779

C=2198346

-

-

Customer Drawing

SCALE

3:1

SHEET

5

OF

7

REV

C

DIMENSIONS:

mm

0 PLG

1 PLG

2 PLG

3 PLG

4 PLG

ANGLES

FINISH

±

±25

±25

±25

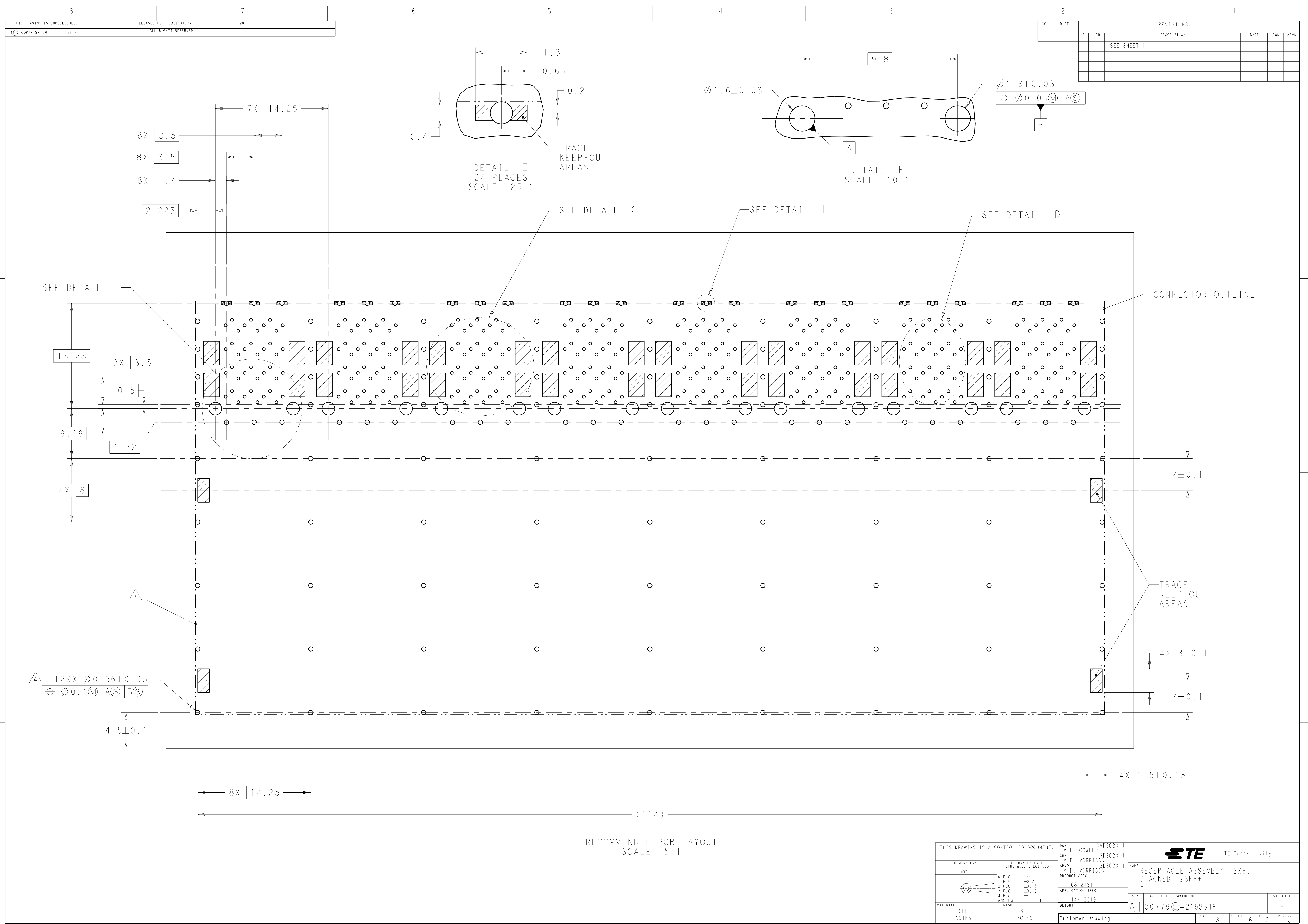
±

±

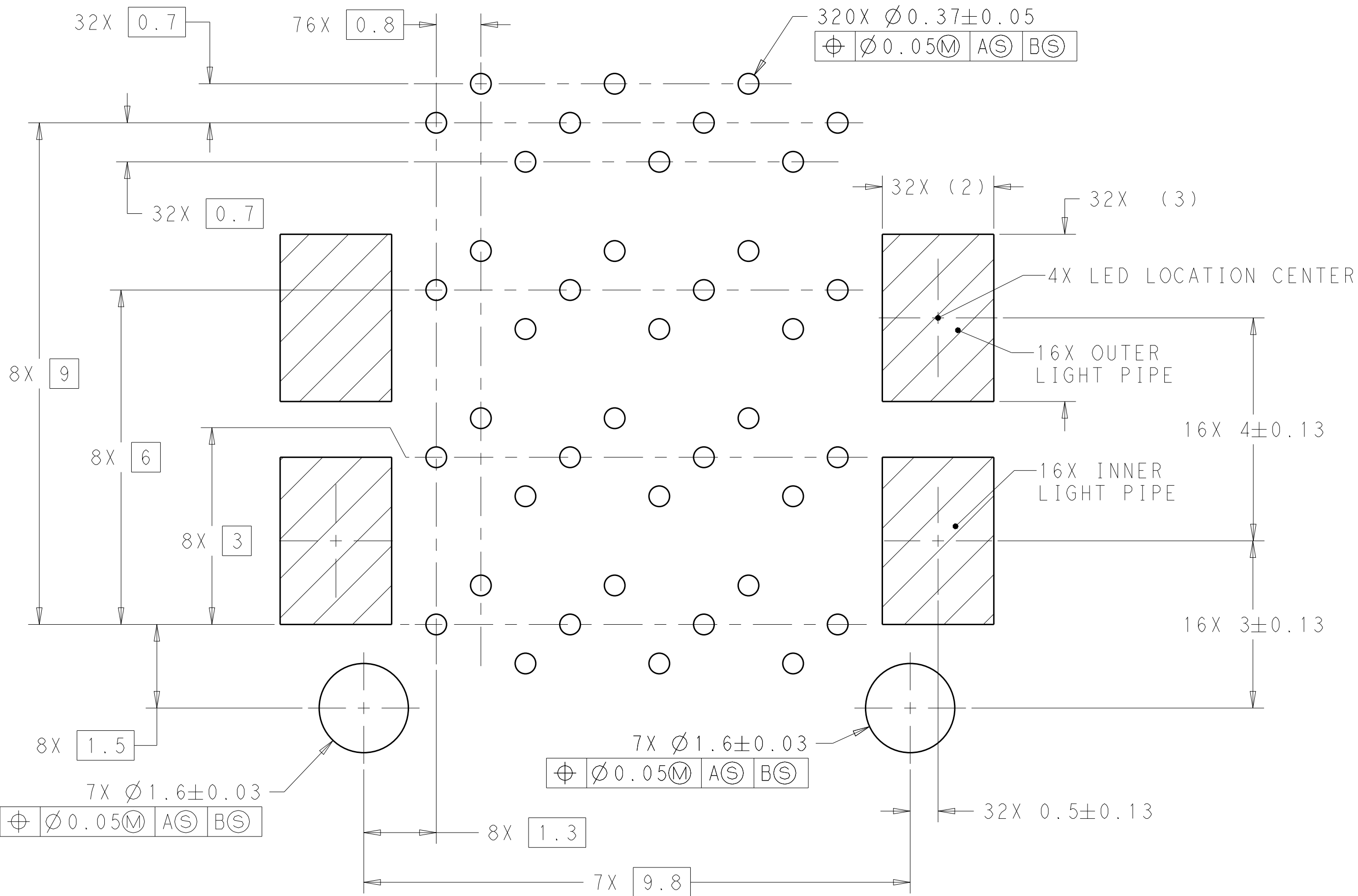
SEE NOTES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

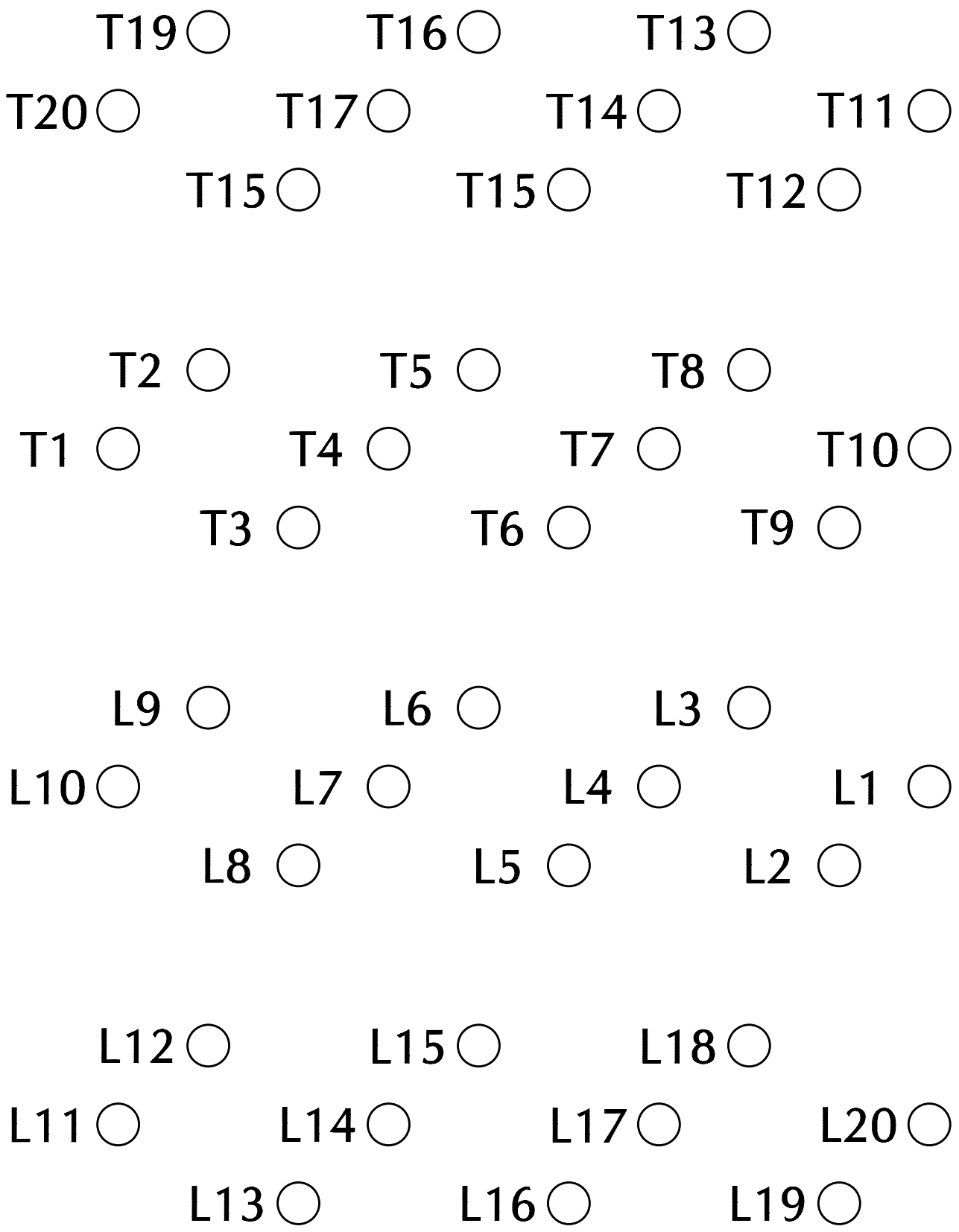
SEE NOTES



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

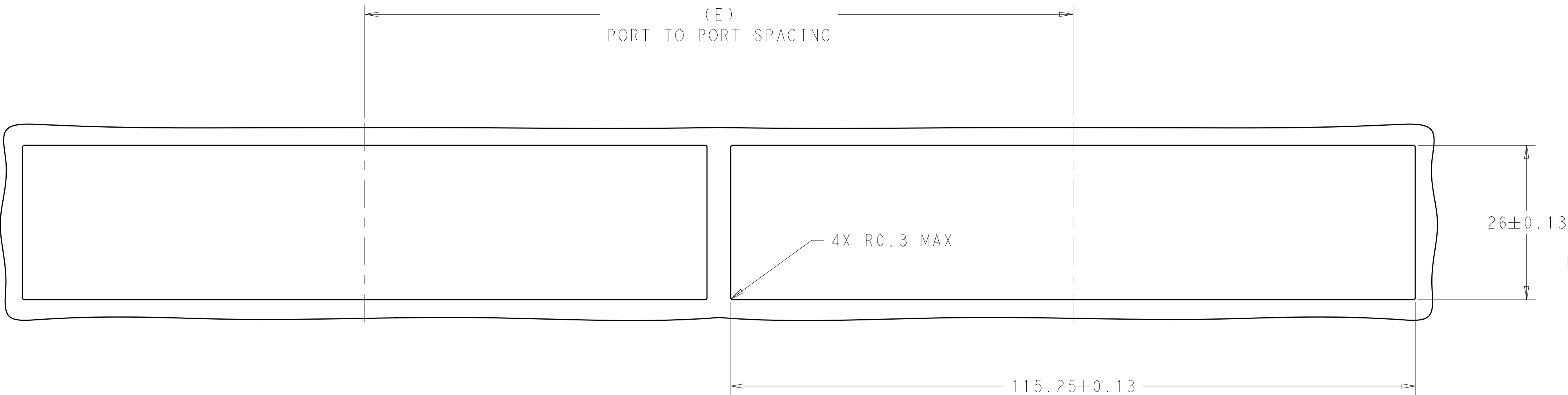


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1

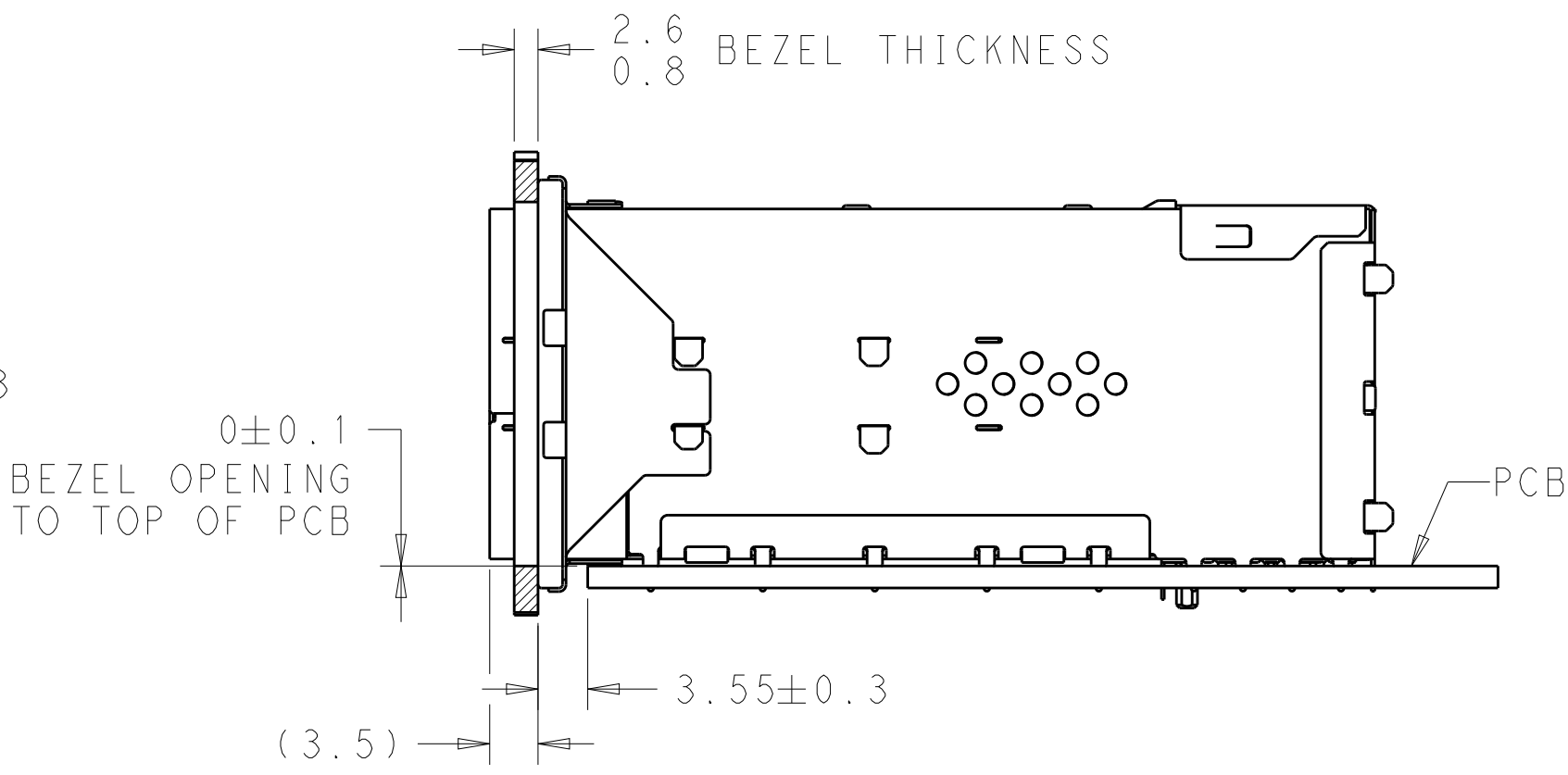


DETAIL D
PIN MAP
8X PLACES
SCALE 20:1

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



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 2:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 2:1

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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	SIZE
	1 PLC	±0.20	108-2481	CAGE CODE
	2 PLC	±0.15	APPLICATION SPEC	DRAWING NO
	3 PLC	±0.10	114-13319	RESTRICTED TO
MATERIAL	SEE NOTES	WEIGHT	A100779	REV C
Customer Drawing		SCALE 3:1 SHEET 7 OF 7		

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