

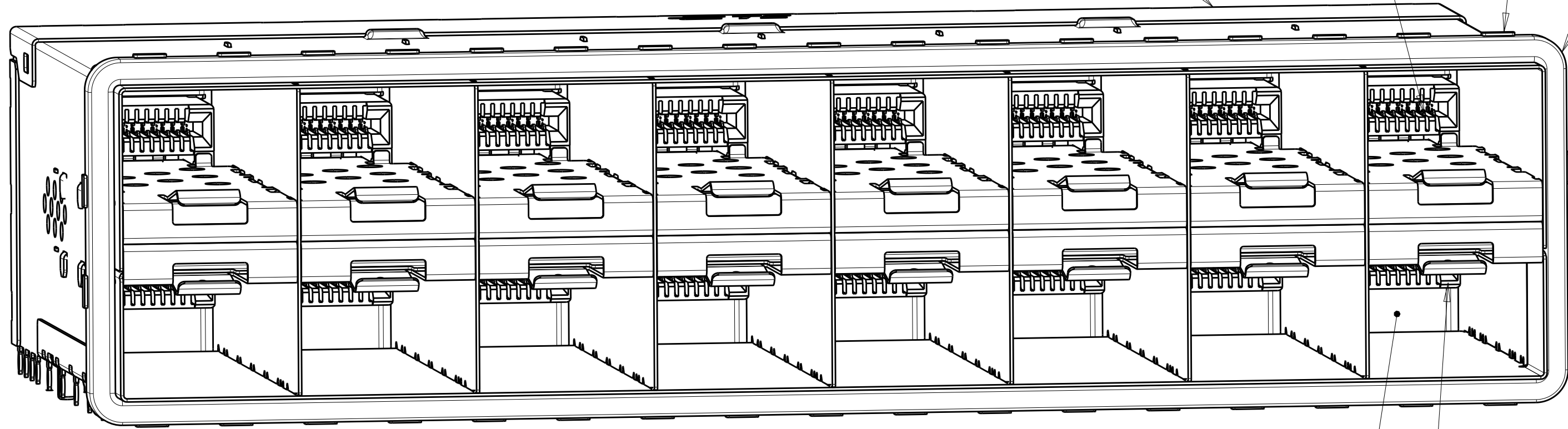
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		C	REVISED PER ECO-20-014521	130CT2020	JY	SH

CONTACT CHICKLET ALIGNMENT CLIP

GASKET FLANGE

EMI GASKET

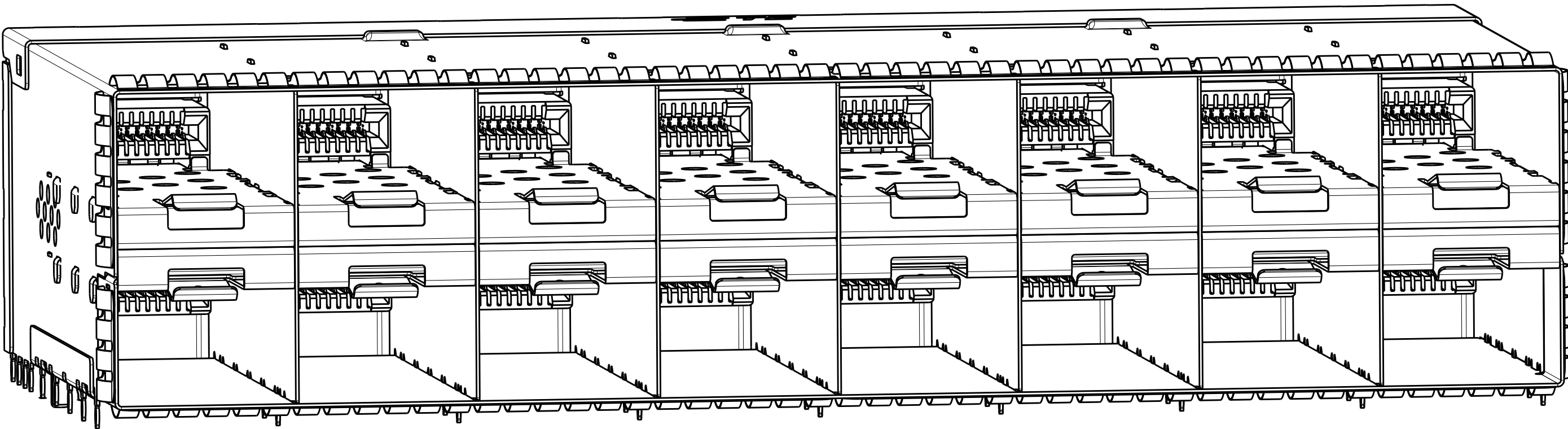
CAGE ASSEMBLY



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

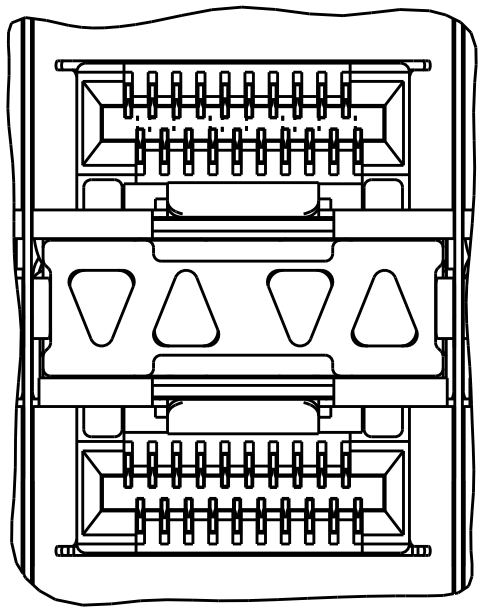
△5 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm

△6 DIMENSIONS APPLY FOR EMI SPRINGS ONLY

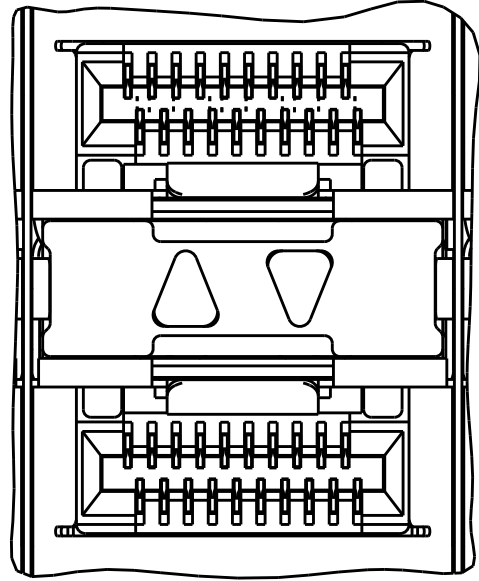
△7 THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

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

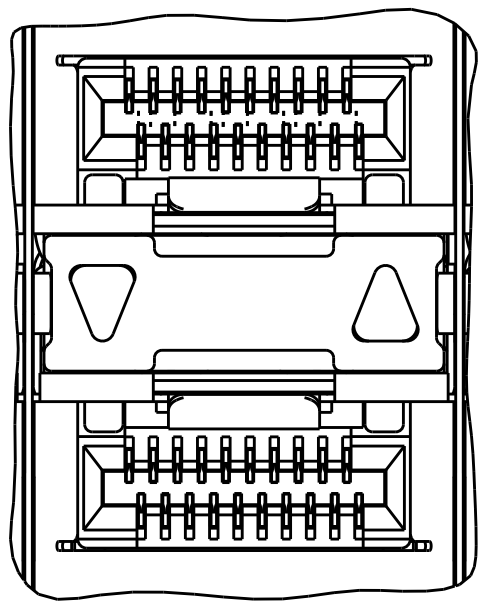
116.5	THERMAL HOLE TOP SURFACE	INNER	4-2198346-0
116.5	EMI SPRINGS,TAPE AIRFLOW ENHANCE TYPE	NONE	3-2198346-3
119.25	EMI GASKET LOW PROFILE FLANGE	INNER	3-2198346-2
116.5	EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2198346-1
119.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198346-0
116.5	EMI SPRINGS	REVERSED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



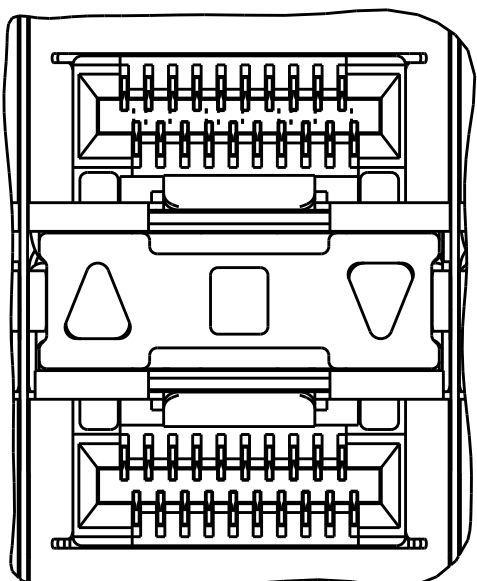
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



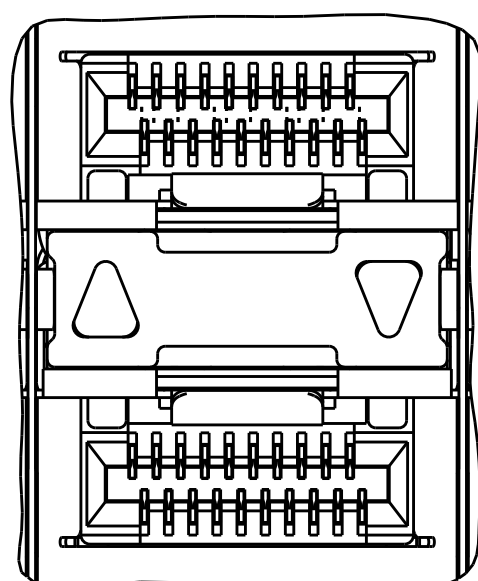
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



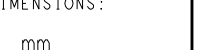
OUTER LIGHT PIPES
2198346-4, 2198346-8
SCALE 4:1



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

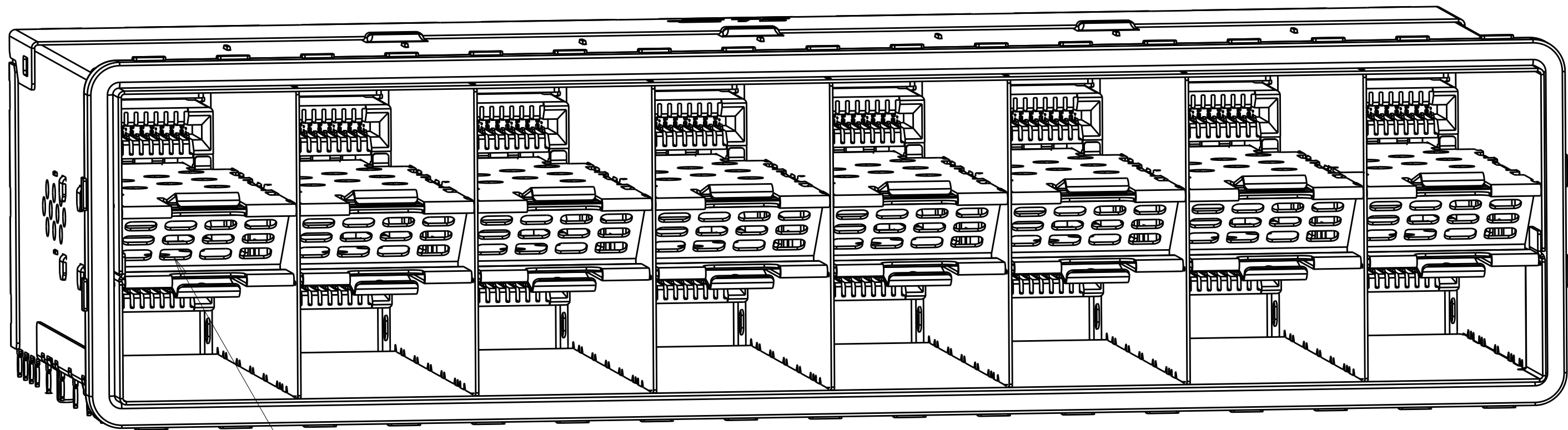


REVERSED OUTER LIGHT PIPES
1-2198346-8, 2-2198346-0
SCALE 4:1

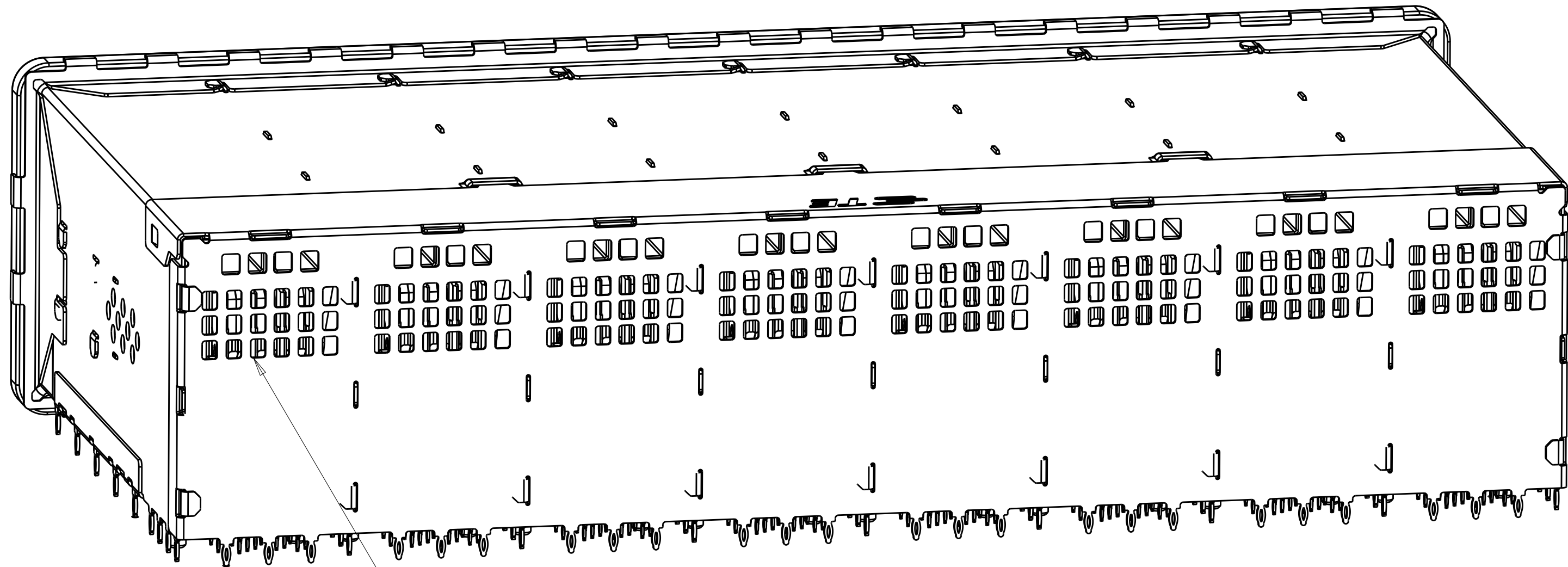
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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME			
mm			RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+			
		0 PLC ±.20	PRODUCT SPEC			
		1 PLC ±0.15	108-2481			
		2 PLC ±0.15	APPLICATION SPEC			
		3 PLC ±0.10	114-13319			
		4 PLC ±.1	WEIGHT			
MATERIAL SEE NOTES		FINISH SEE NOTES	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			A1	00779C	2198346	-
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

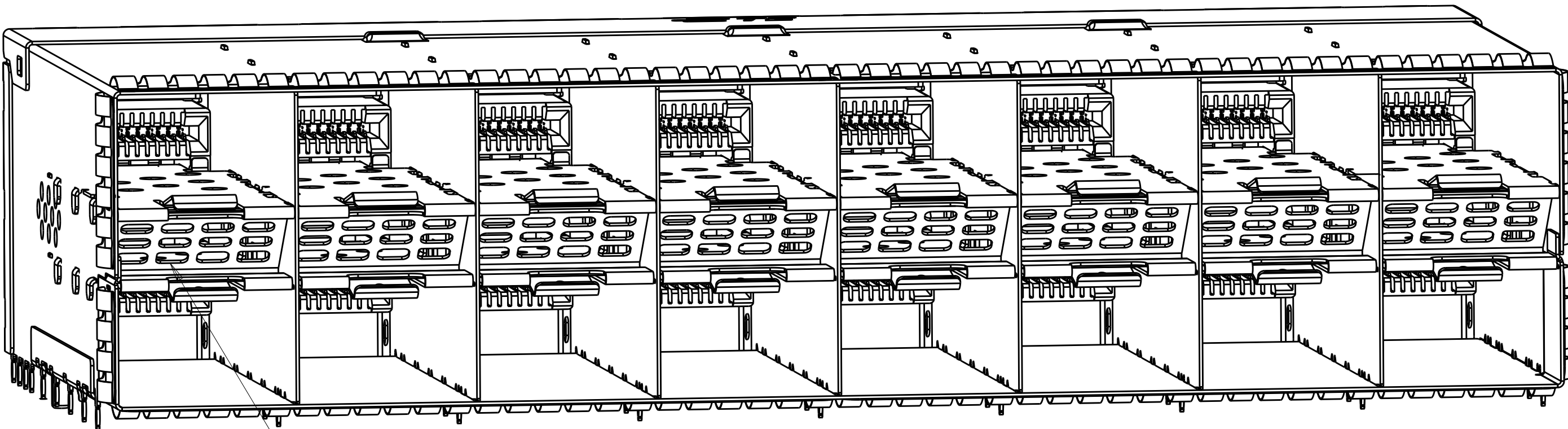


AIR VENTS

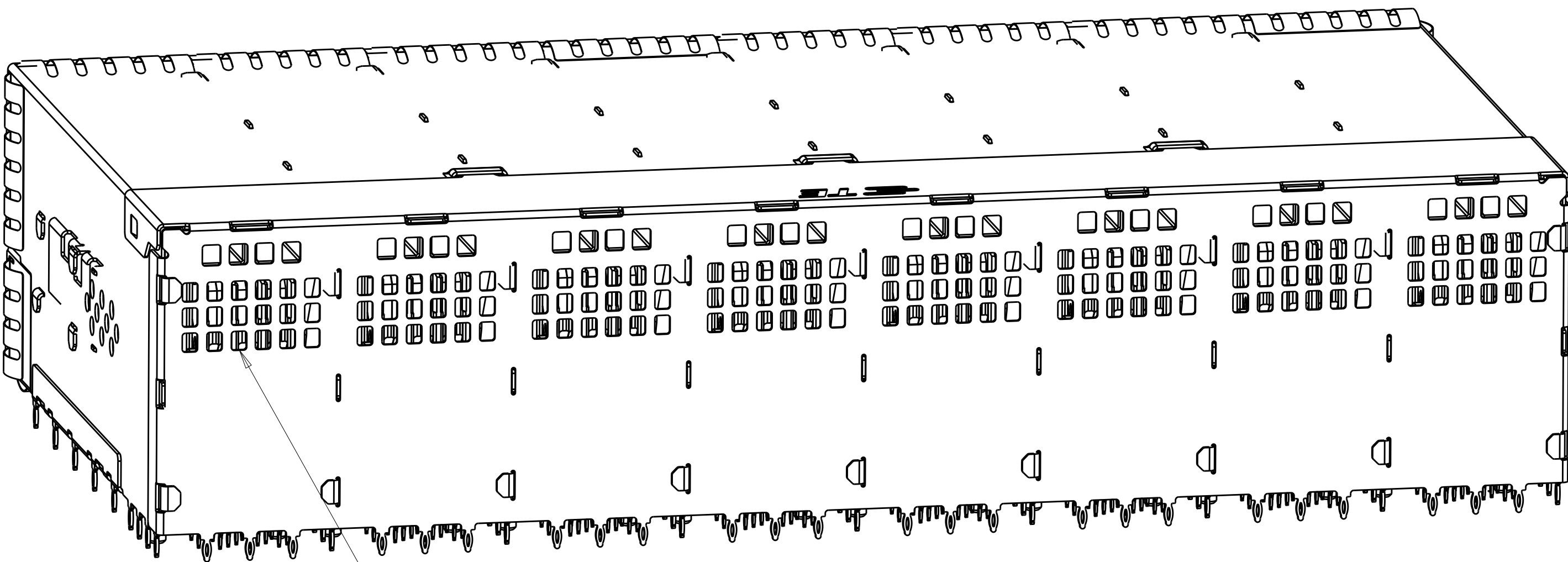


AIR VENTS

3-2198346-0
EMI GASKET TYPE



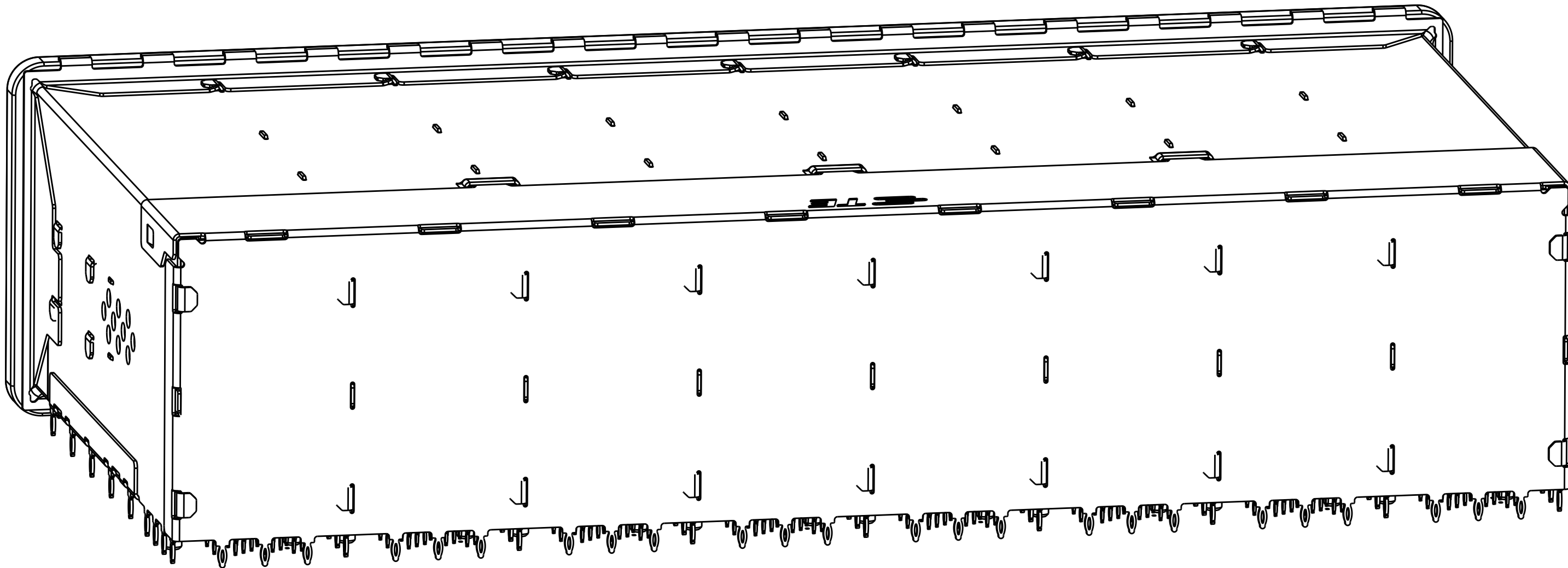
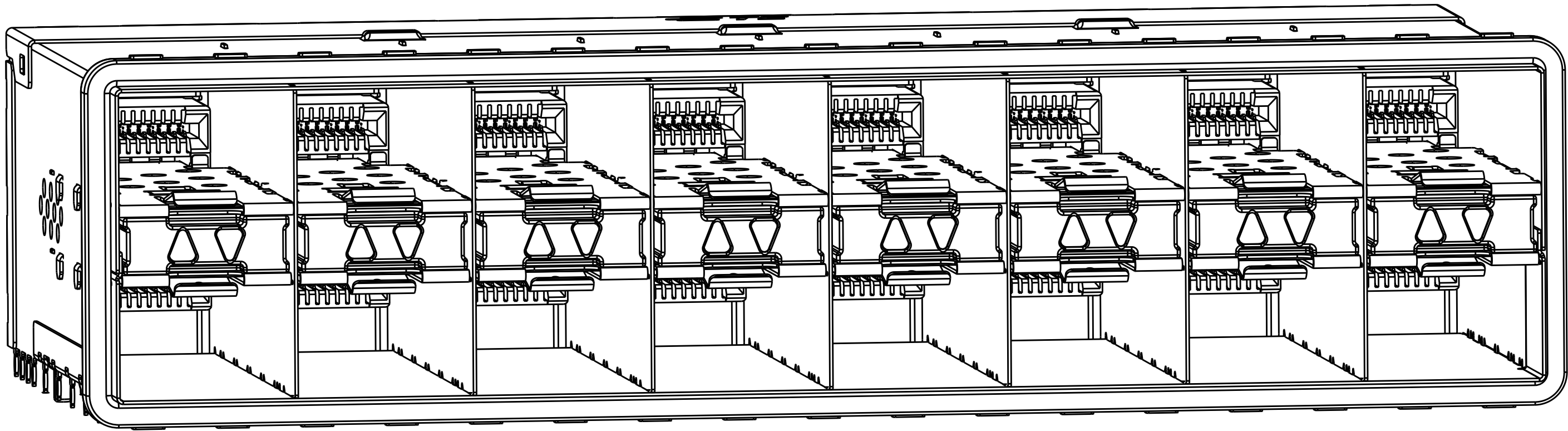
AIR VENTS



AIR VENTS

3-2198346-1
EMI SPRING TYPE

EMI GASKET TYPE
WITH LOW PROFILE FLANGE

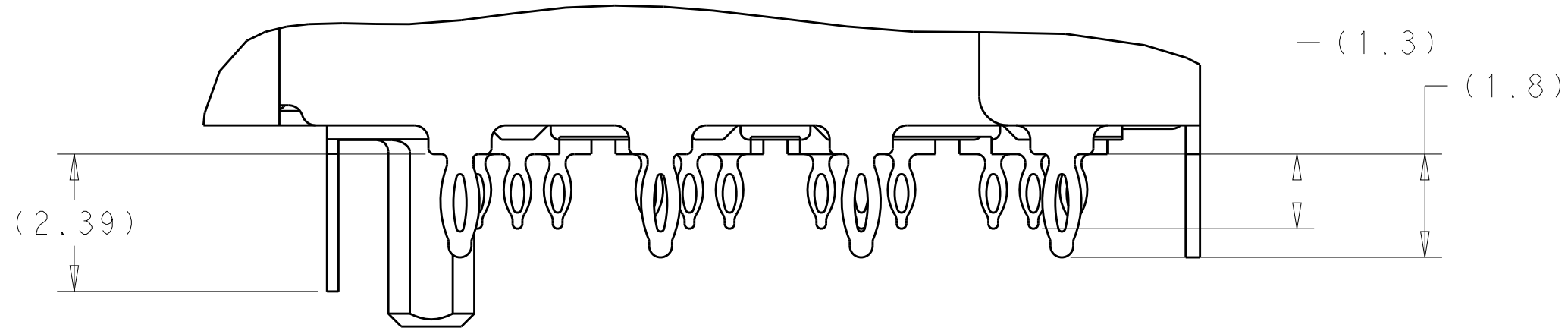
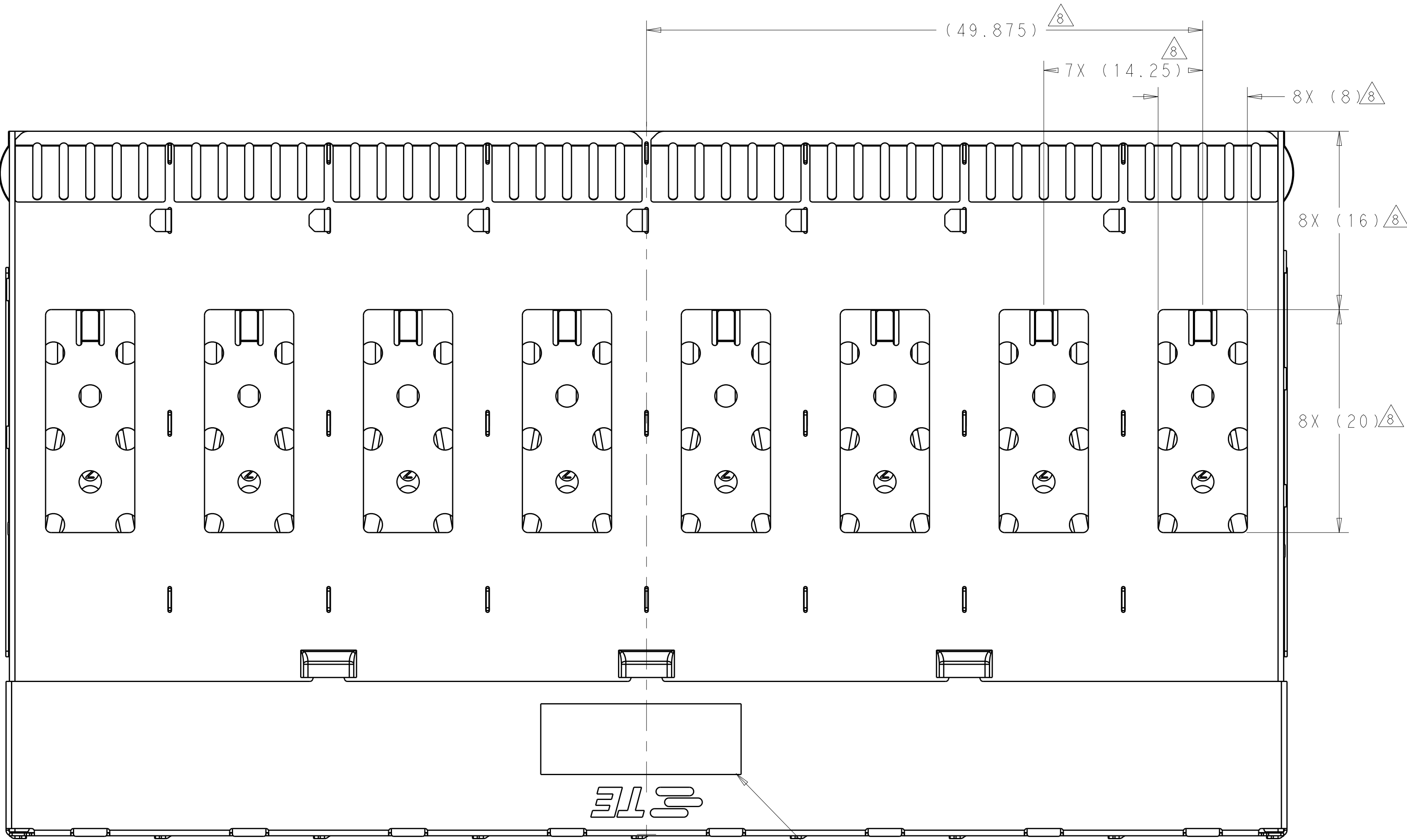
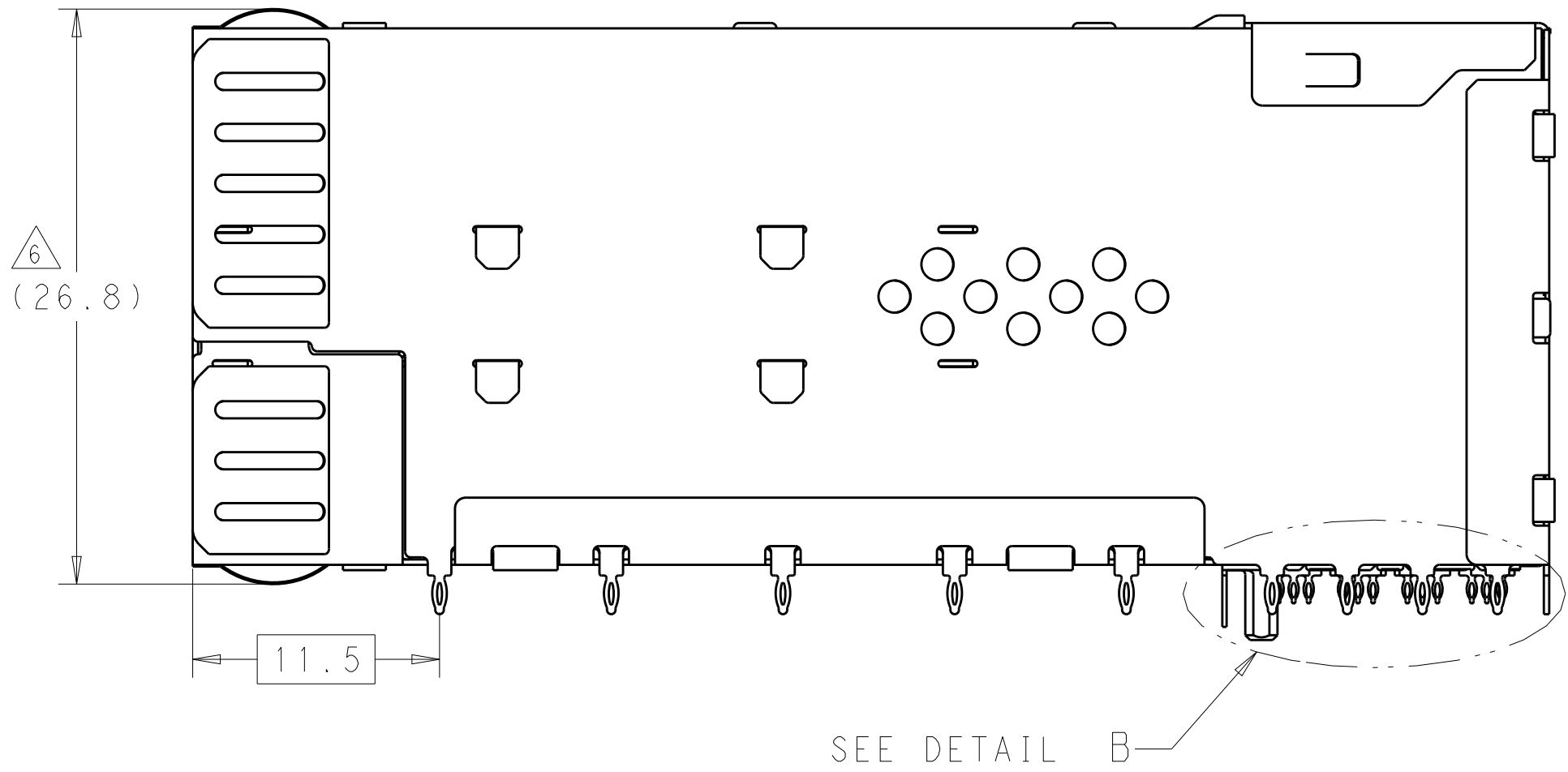
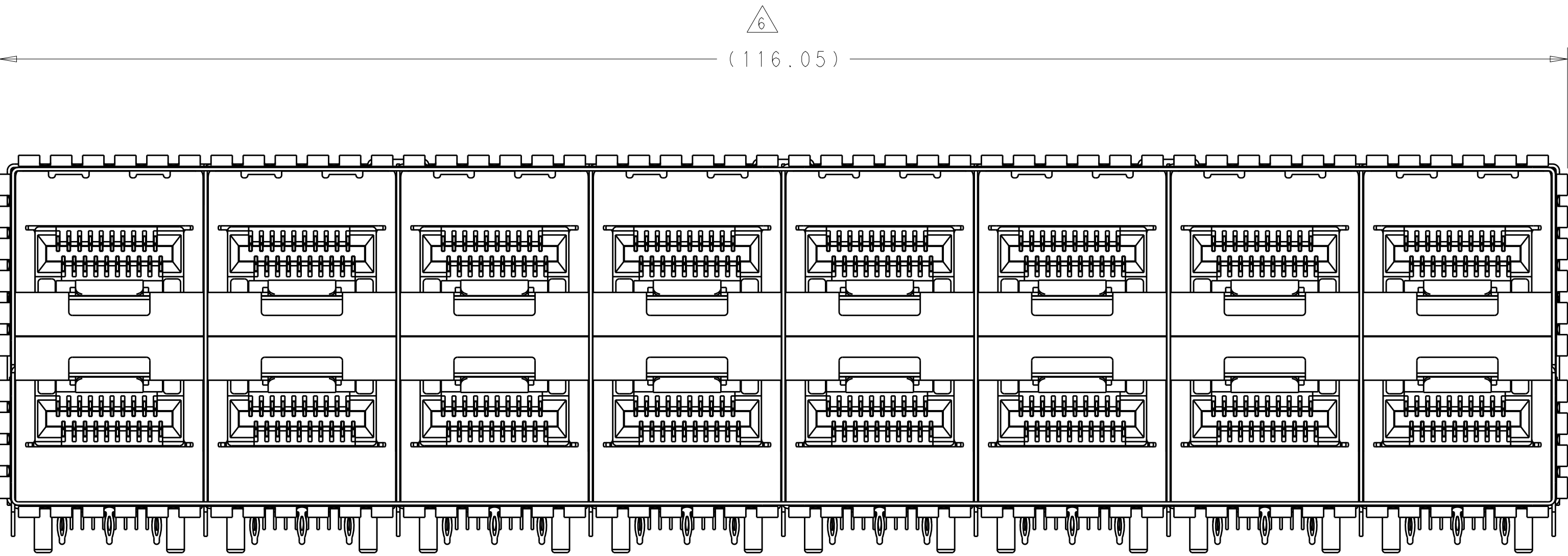


3-2198346-2

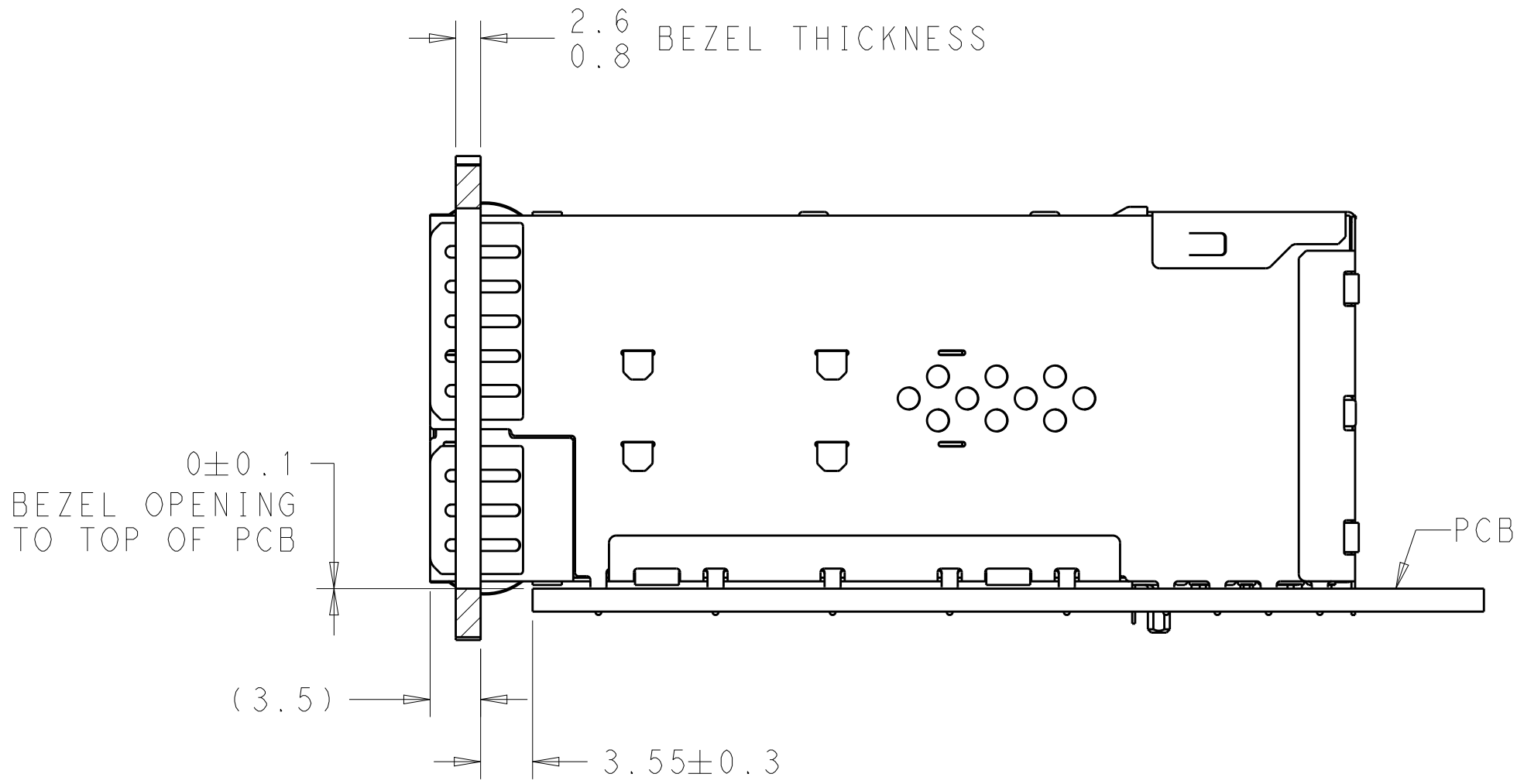
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 09DEC2011	 TE Connectivity					
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011						
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+				
	0 PLC	±	PRODUCT SPEC	SIZE	CASE CODE	DRAWING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

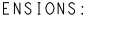
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P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

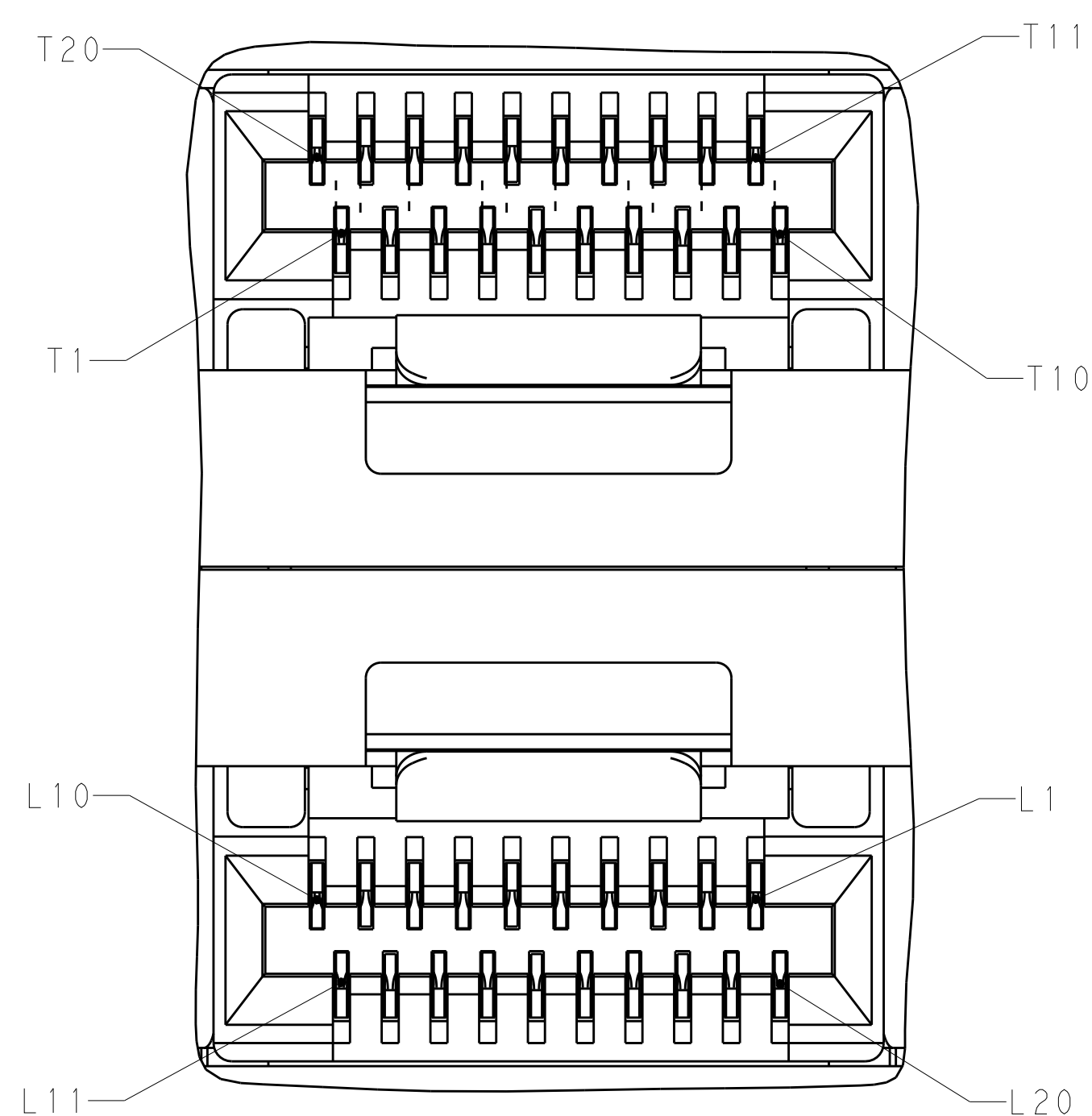
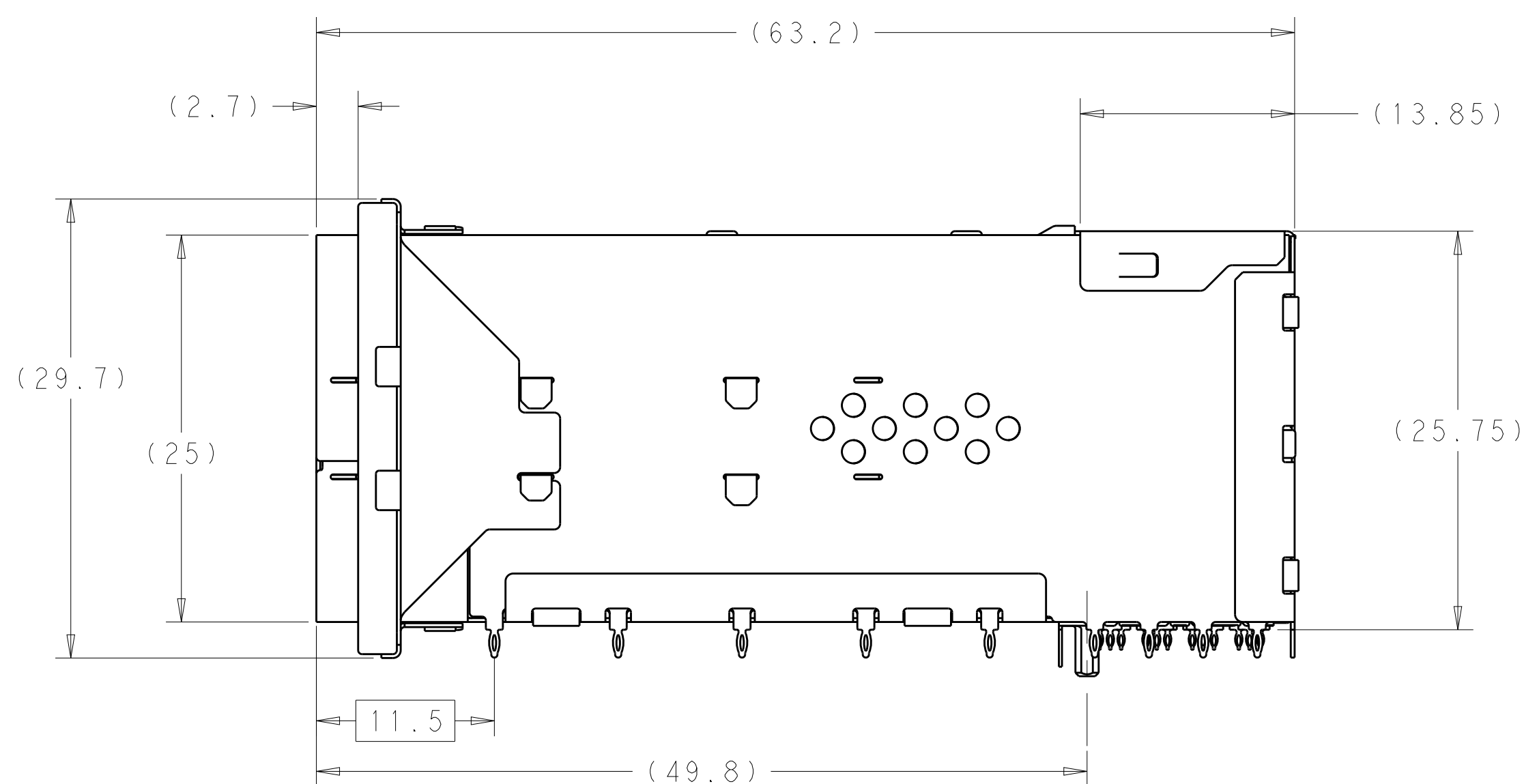


DETAIL B
SCALE 10:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

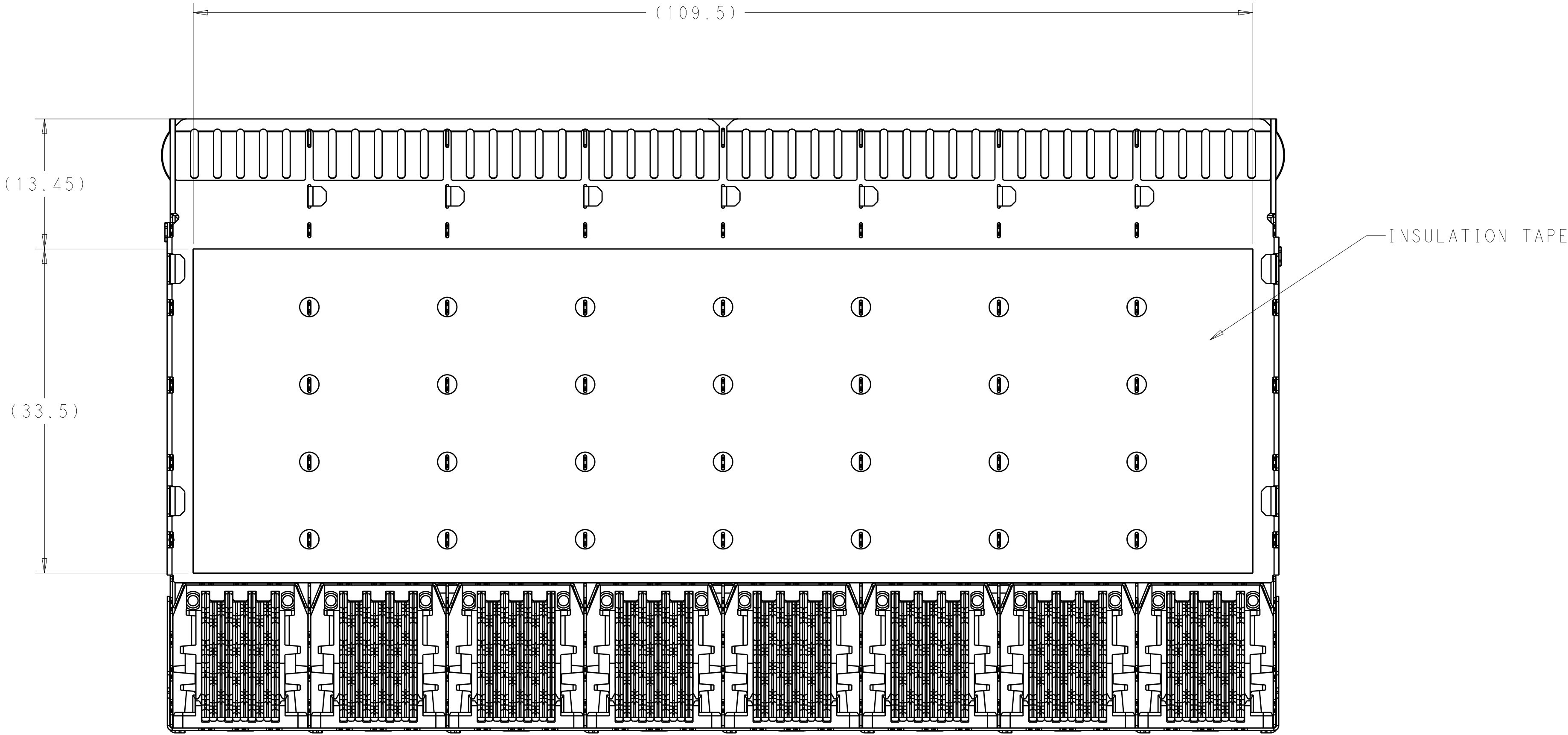
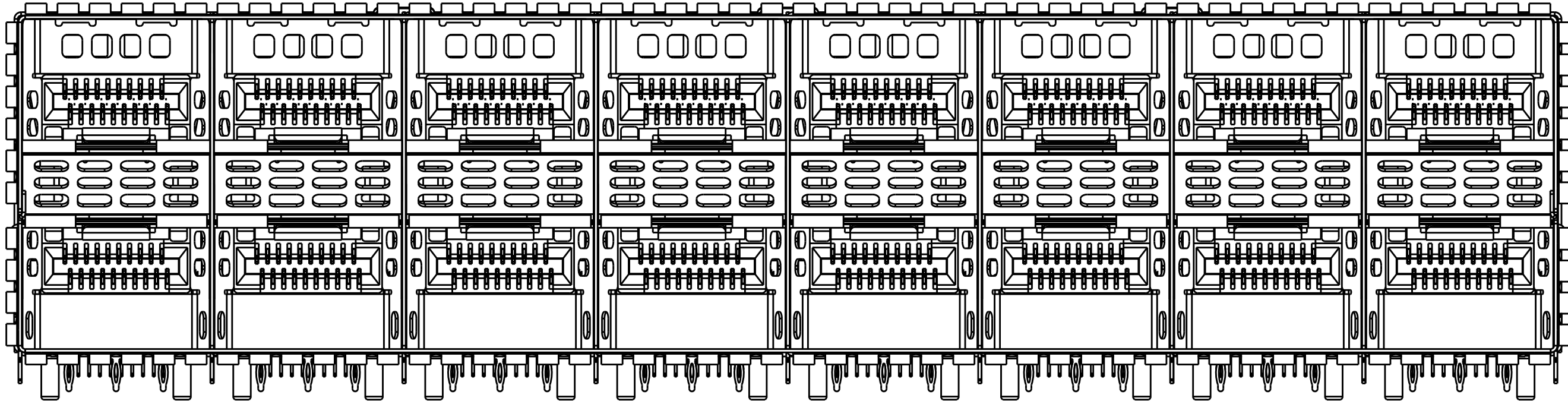
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DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±0.10	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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG NO M.F. COHNER	09DEC2011			TE Connectivity	
DIMENSIONS:		CW	13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		M.D. MORRISON	13DEC2011				
mm		AVID	13DEC2011				
	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					
		WEIGHT -					
MATERIAL	FINISH	Customer Drawing		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
SEE NOTES	SEE NOTES			A1	100779	C=2198346	-
				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	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

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 PLC

±

25

1 PLC

±

25

2 PLC

±

25

3 PLC

±

25

4 PLC

±

25

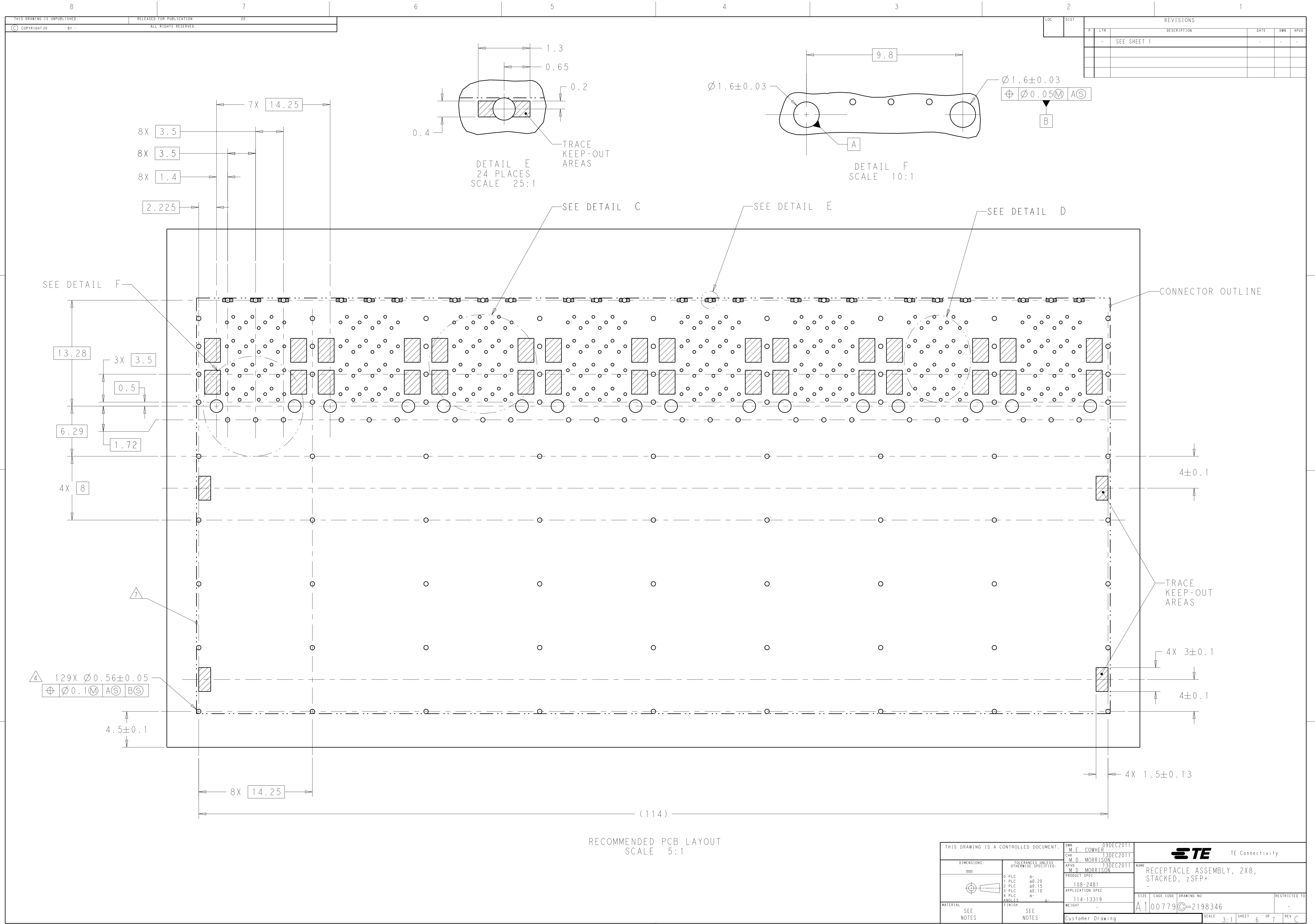
ANGLES

FINISH

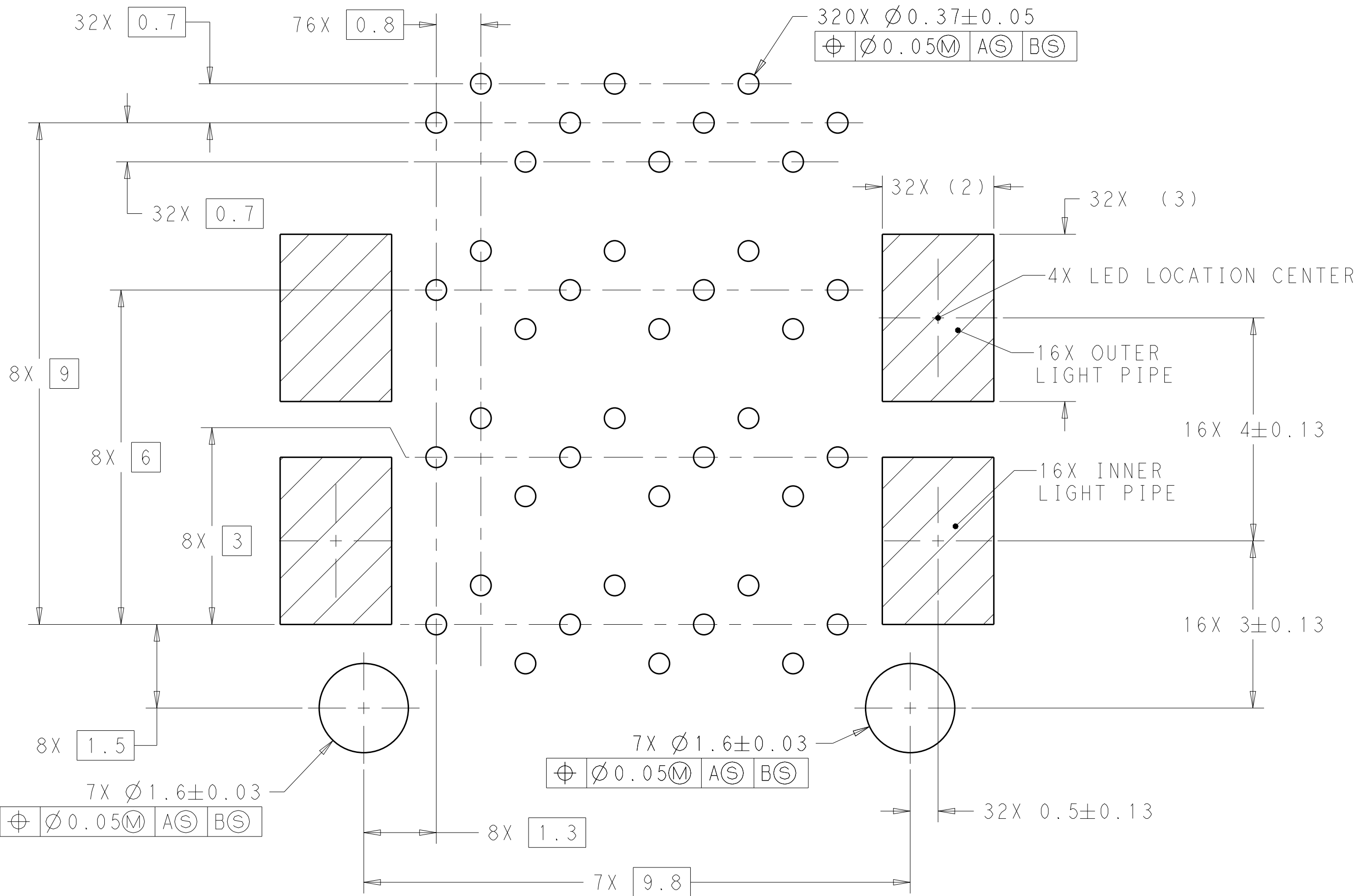
SEE NOTES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

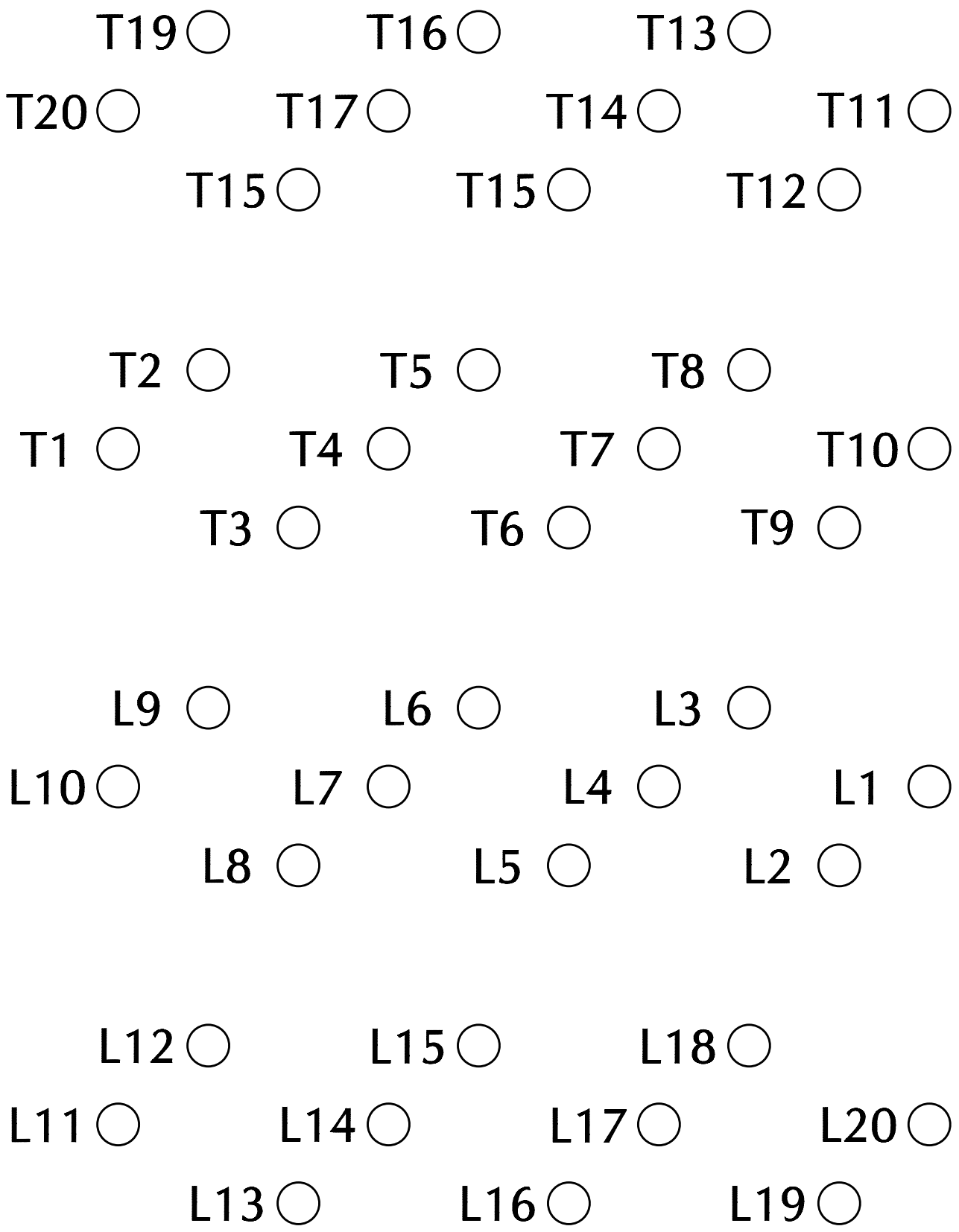
SEE NOTES



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

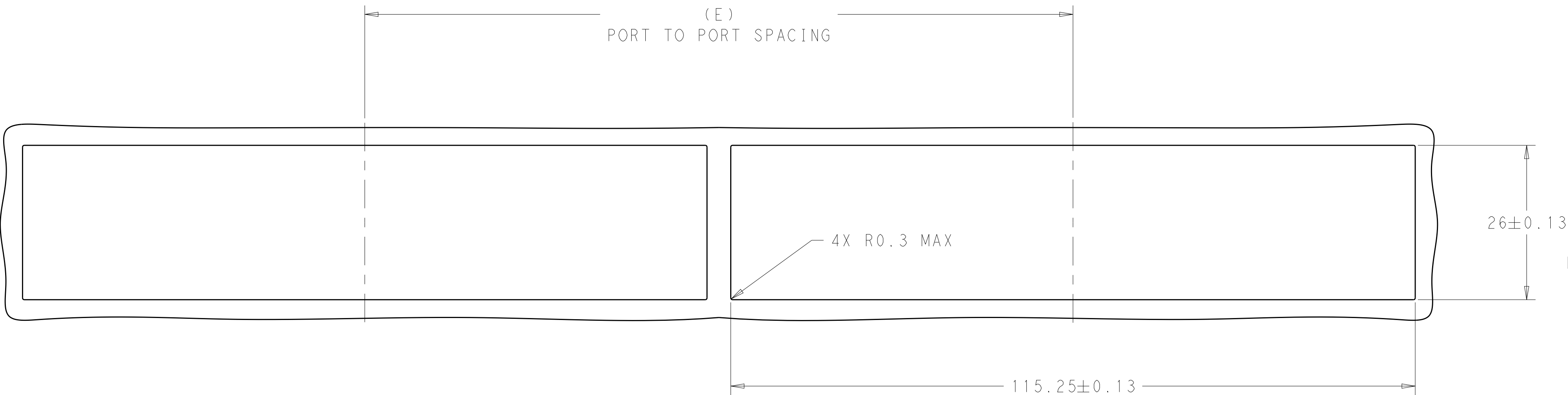


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1

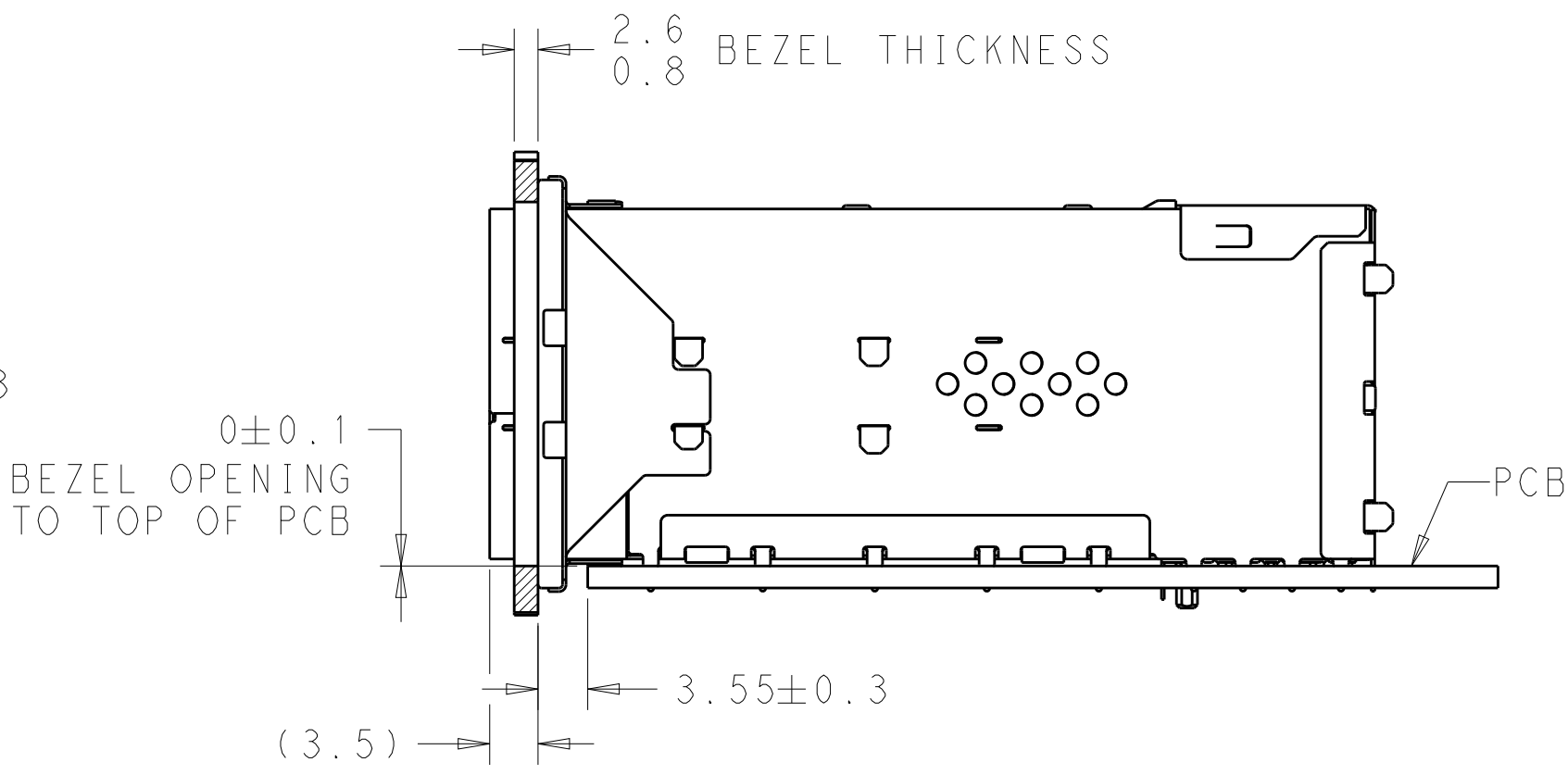


PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET

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 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	RESTRICTED TO			
	1 PLC	±0.20	108-2481							
	2 PLC	±0.15	APPLICATION SPEC							
	3 PLC	±0.10	114-13319							
MATERIAL		WEIGHT	A100779C2198346							
SEE NOTES		SEE NOTES	Customer Drawing							
			SCALE	3:1	SHEET	7	OF	7	REV	C

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