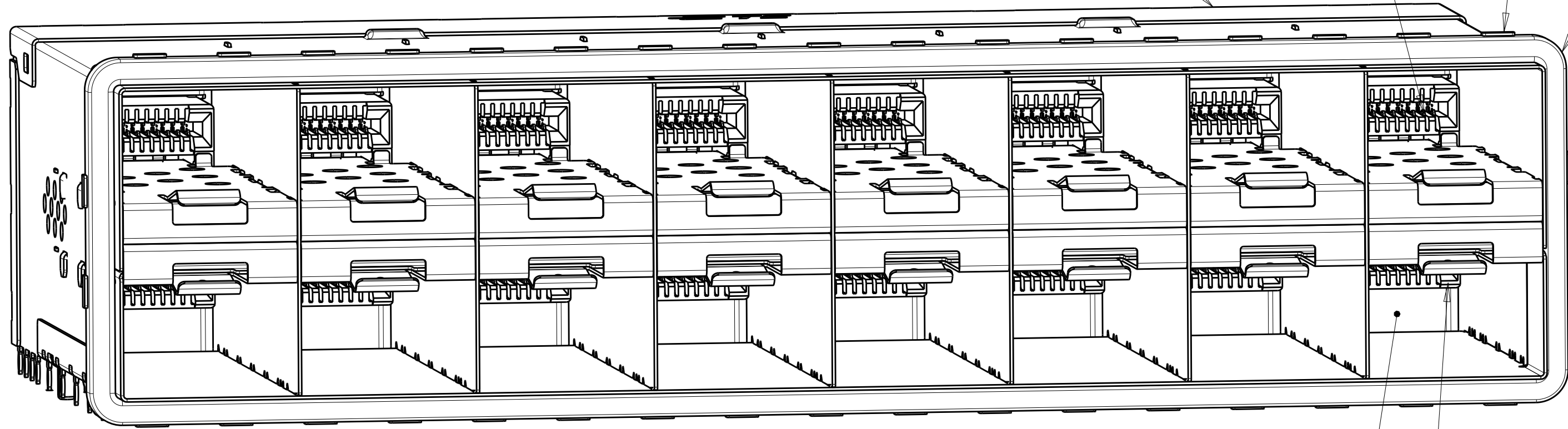


CONTACT CHICKLET ALIGNMENT CLIP

GASKET FLANGE

EMI GASKET

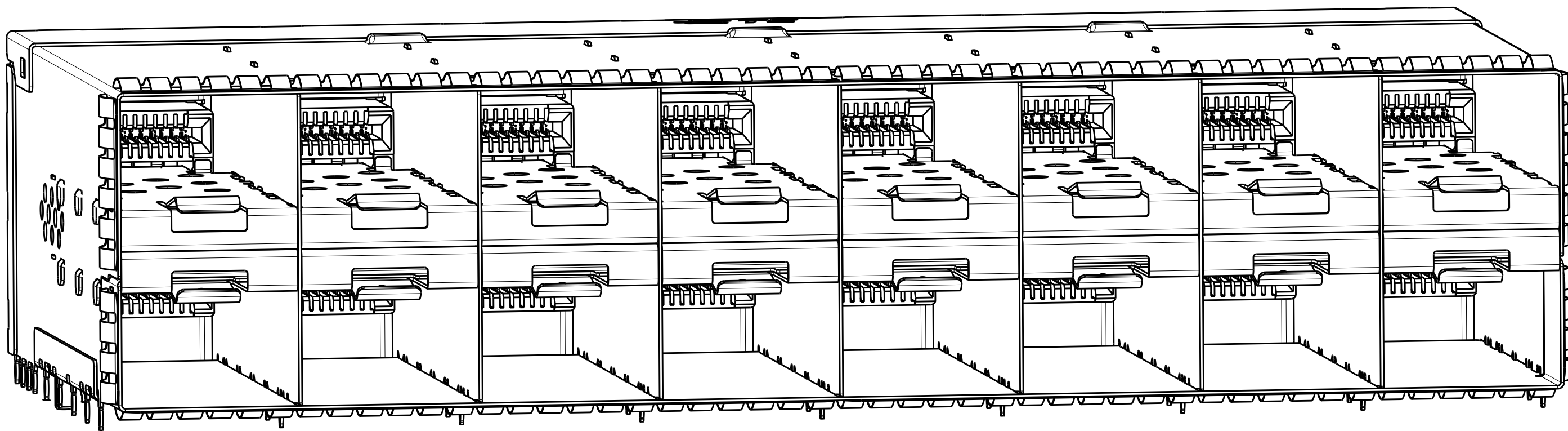
CAGE ASSEMBLY



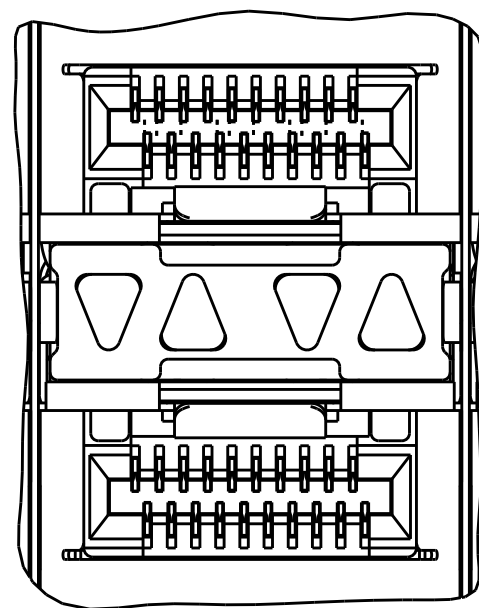
2198346-1

RECEPTACLE HOUSING SHIELD

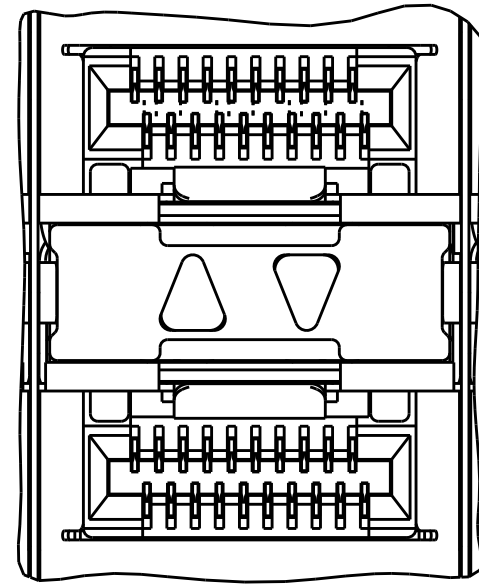
RECEPTACLE HOUSING



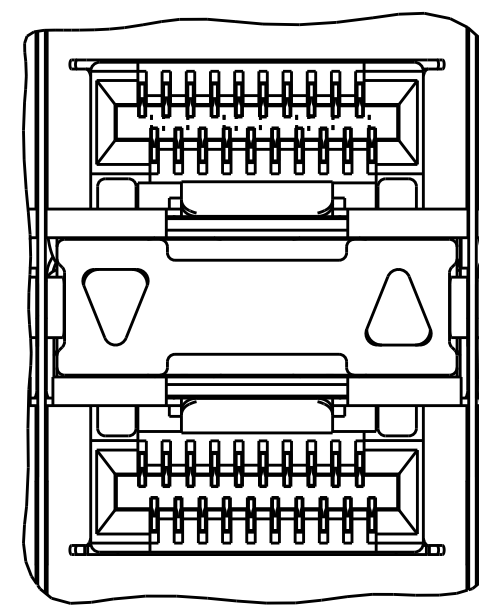
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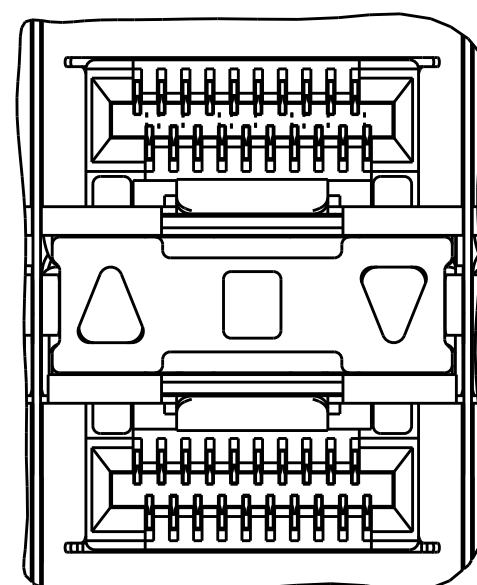
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



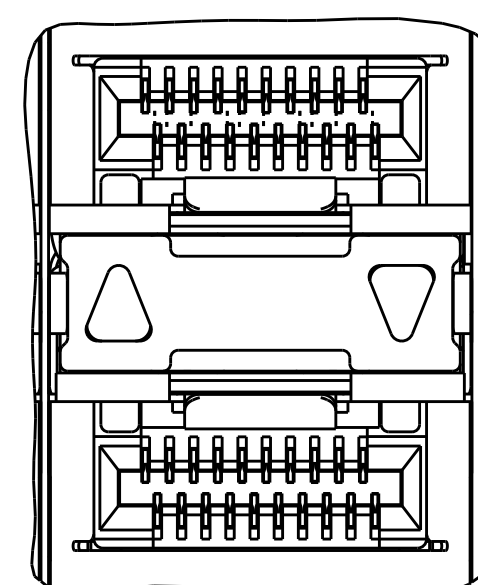
INNER LIGHT PIPE
2198346-3, 2198346-7
4-2198346-0
SCALE 4:1



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:
- 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

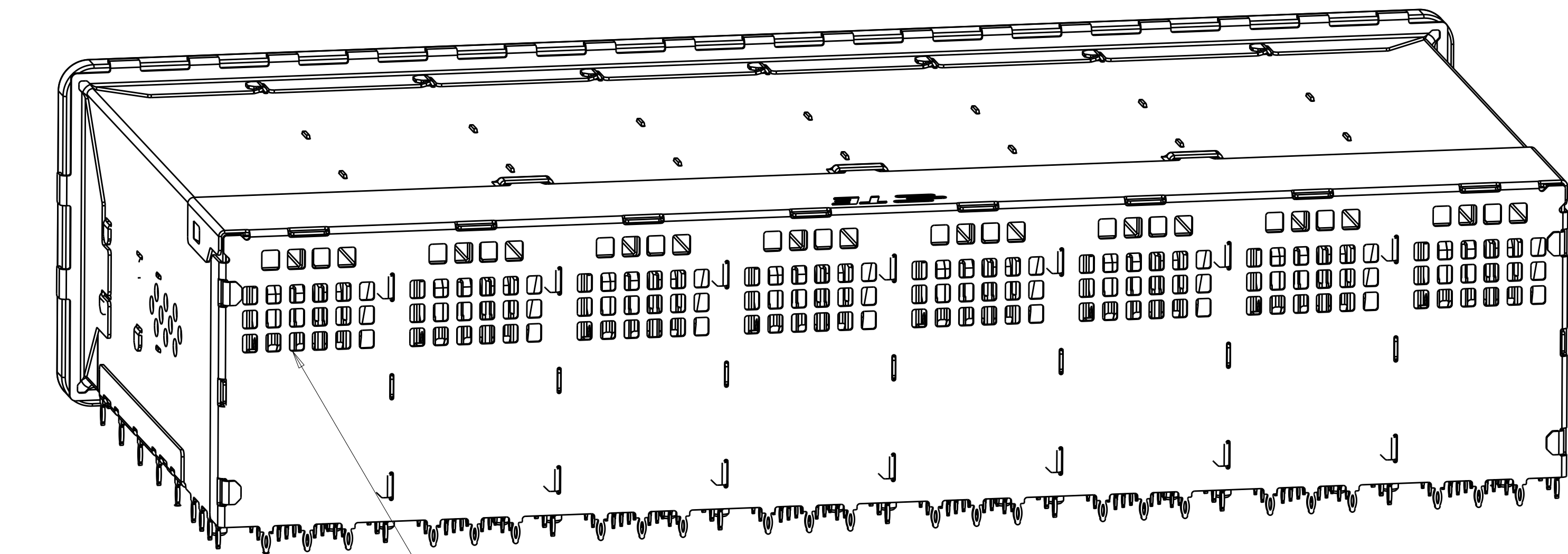
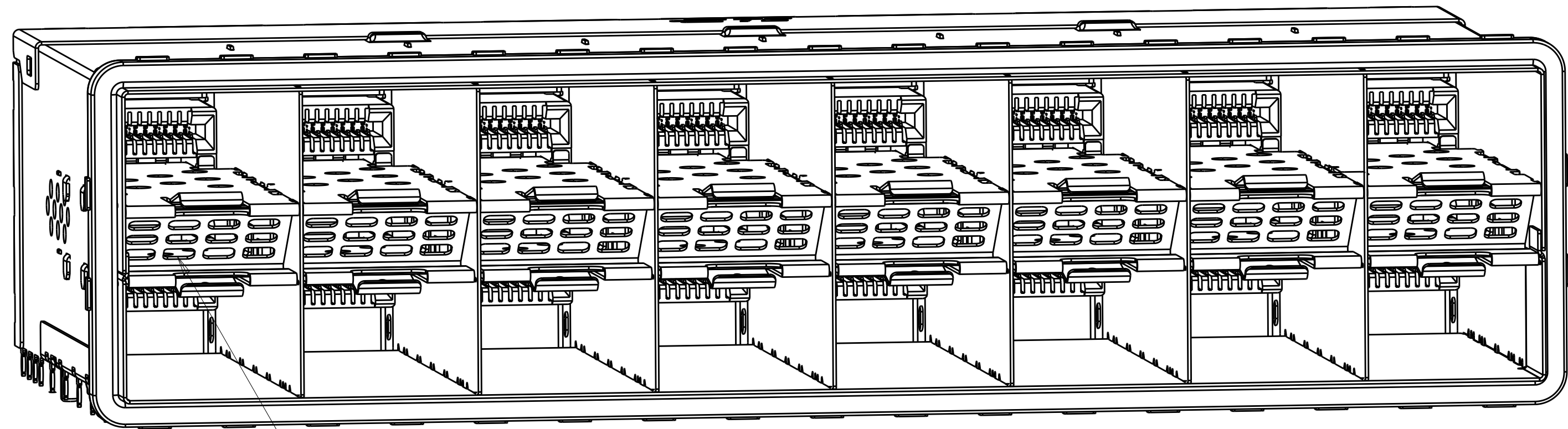
△8 THE DIMENSIONS APPLY TO 4-2198346-0 ONLY.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN 09DEC2011 CHK M.E. CONWHER M.D. MORRISON APVD M.D. MORRISON	TE Connectivity	
DIMENSIONS:		PRODUCT SPEC	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
mm		108-2481		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO	
0 PLC ±°		114-13319	A100779C=2198346	
1 PLC ±0.20		WEIGHT	RESTRICTED TO	
2 PLC ±0.15		Customer Drawing	SCALE 3:1 SHEET 1 OF 7 REV C	
3 PLC ±0.10				
4 PLC ±°				
ANGLES				
FINISH				
MATERIAL SEE NOTES				

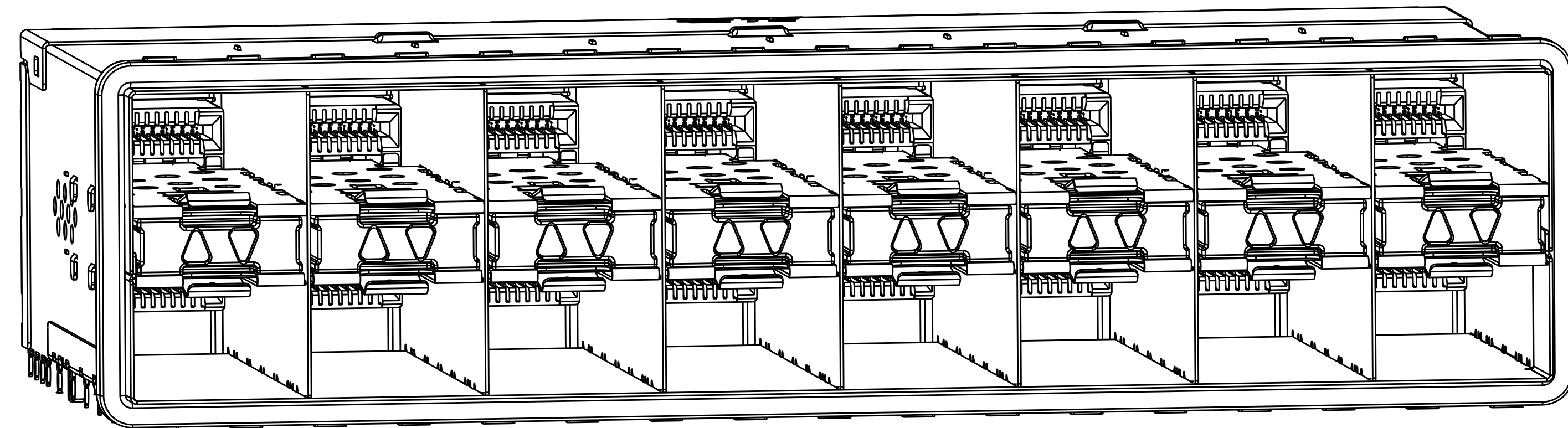
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	

AIRFLOW ENHANCE TYPE

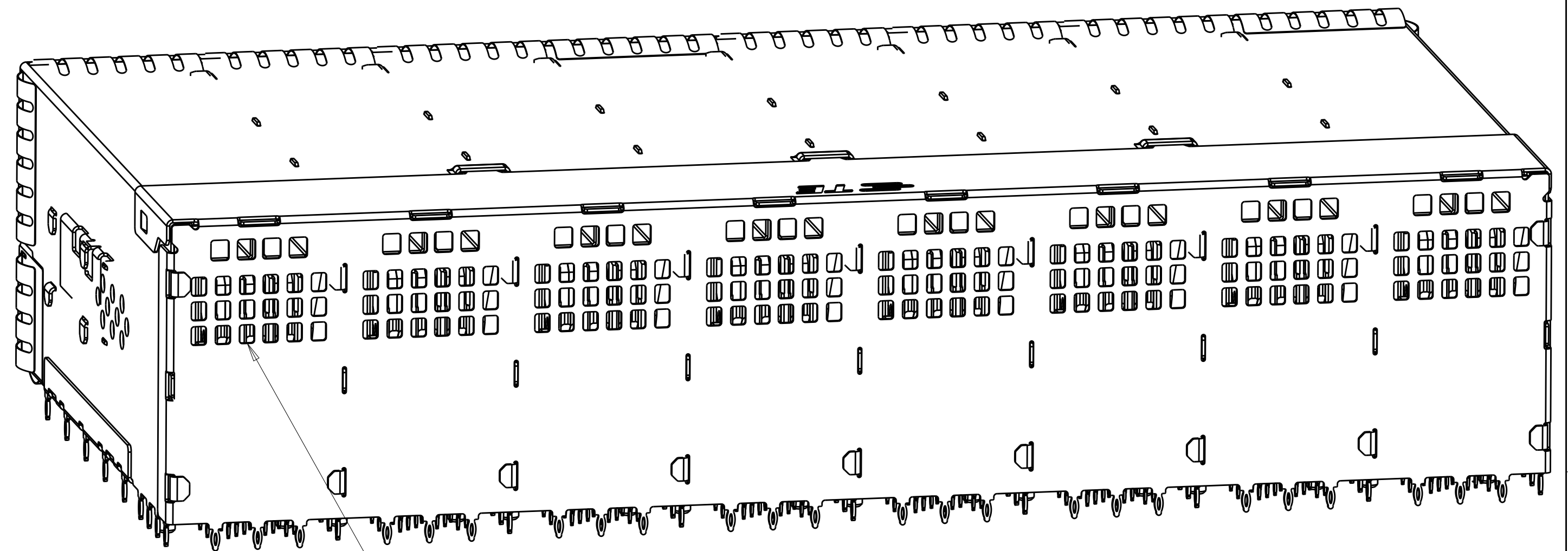
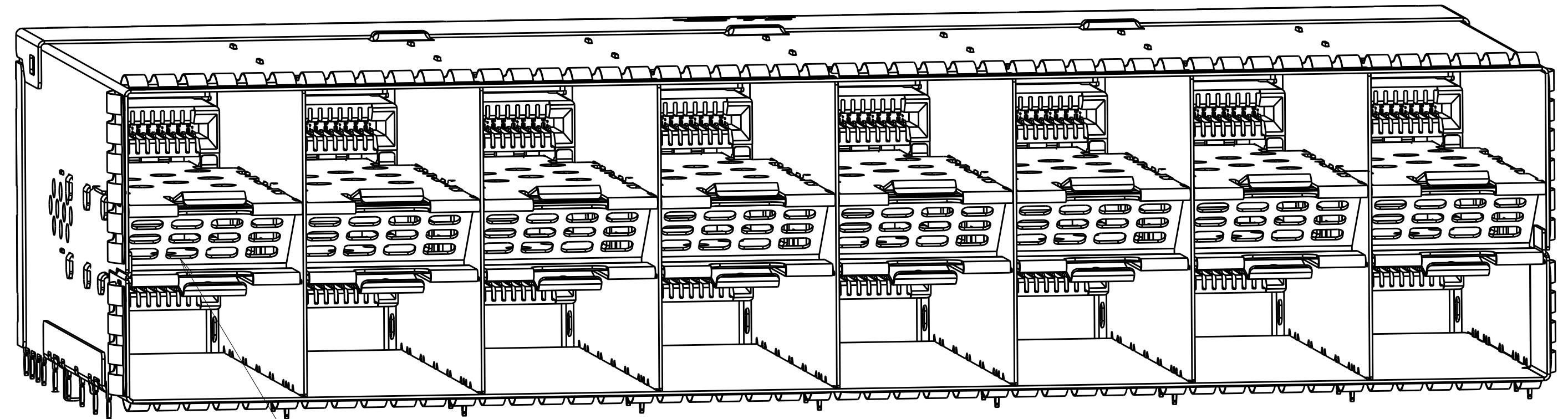


3-2198346-0
EMI GASKET TYPE

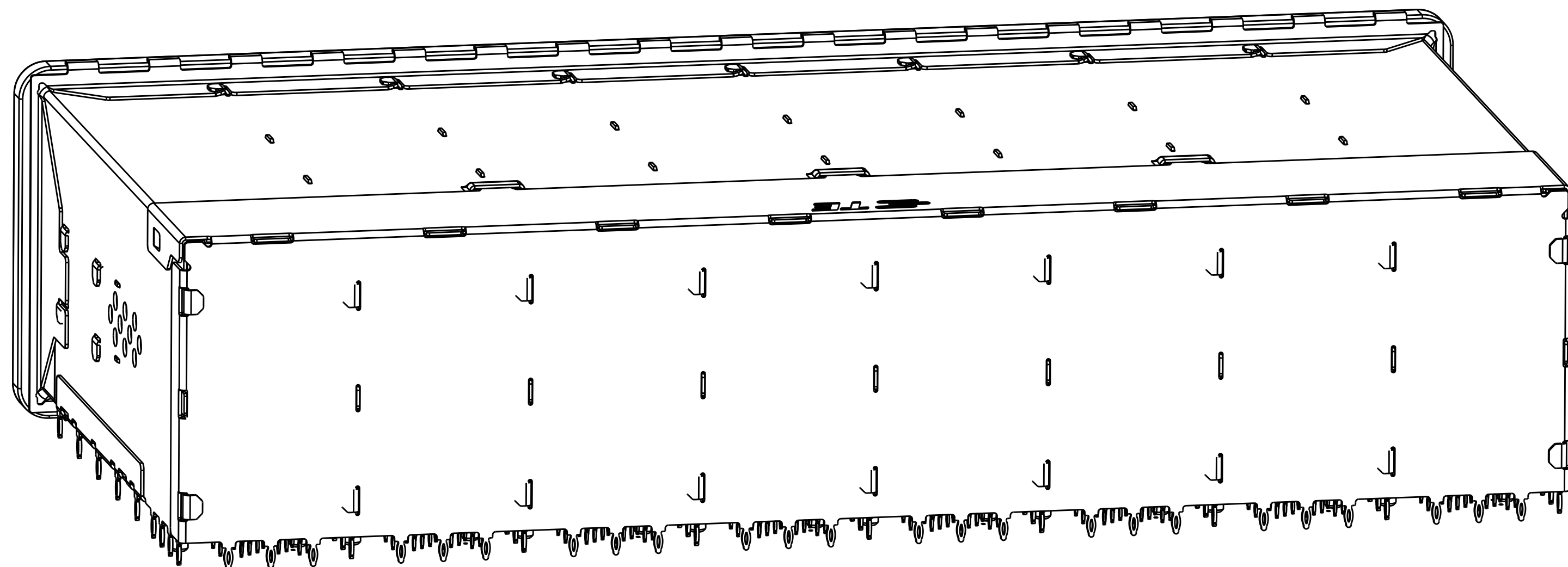
EMI GASKET TYPE
WITH LOW PROFILE FLANGE

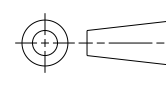


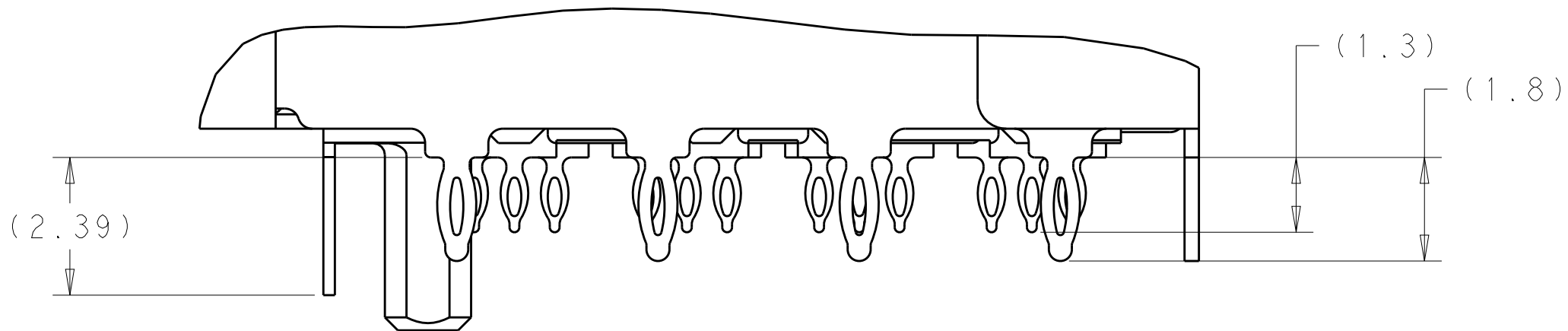
3-2198346-2



3-2198346-1
EMI SPRING TYPE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 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 A100779C=2198346	
	1 PLC	±0.20	108-2481		
	2 PLC	±0.15	APPLICATION SPEC		
	3 PLC	±0.10	114-13319		
MATERIAL		WEIGHT	RESTRICTED TO		
SEE NOTES		Customer Drawing	SCALE 3:1 SHEET 2 OF 7 REV C		



2.6
0.8 BEZEL THICKNESS

0±0.1
BEZEL OPENING
TO TOP OF PCB

(3.5)

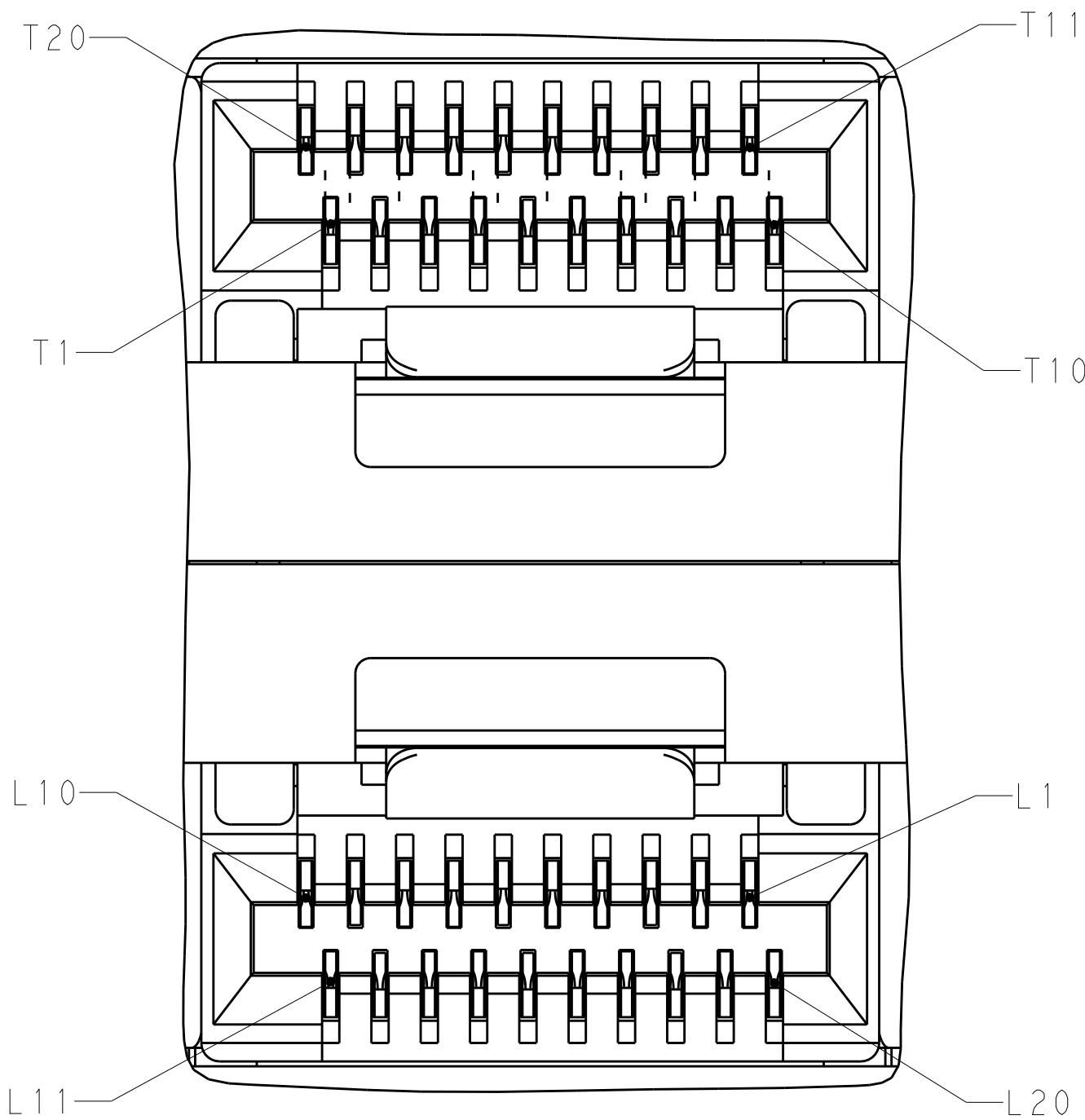
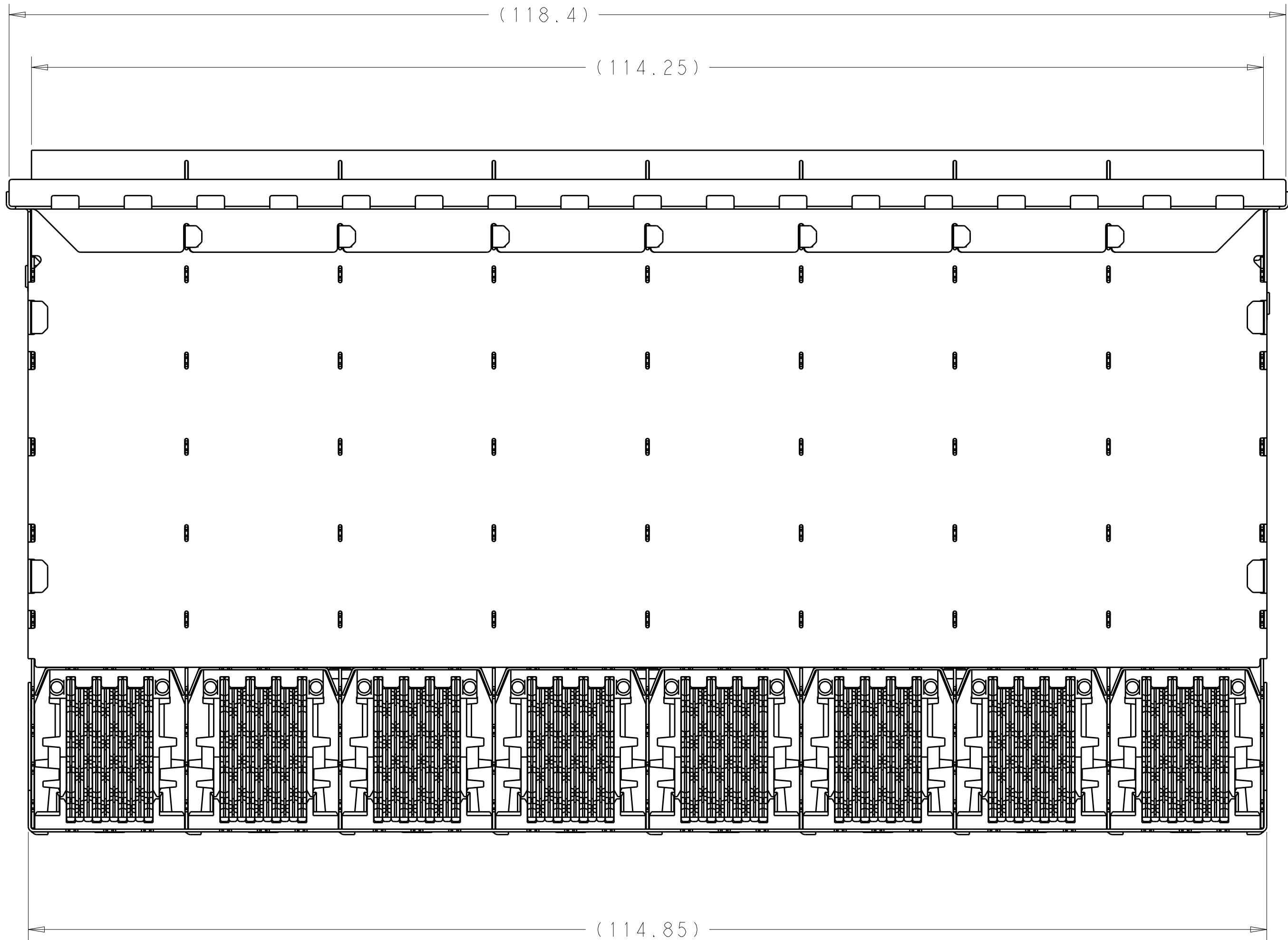
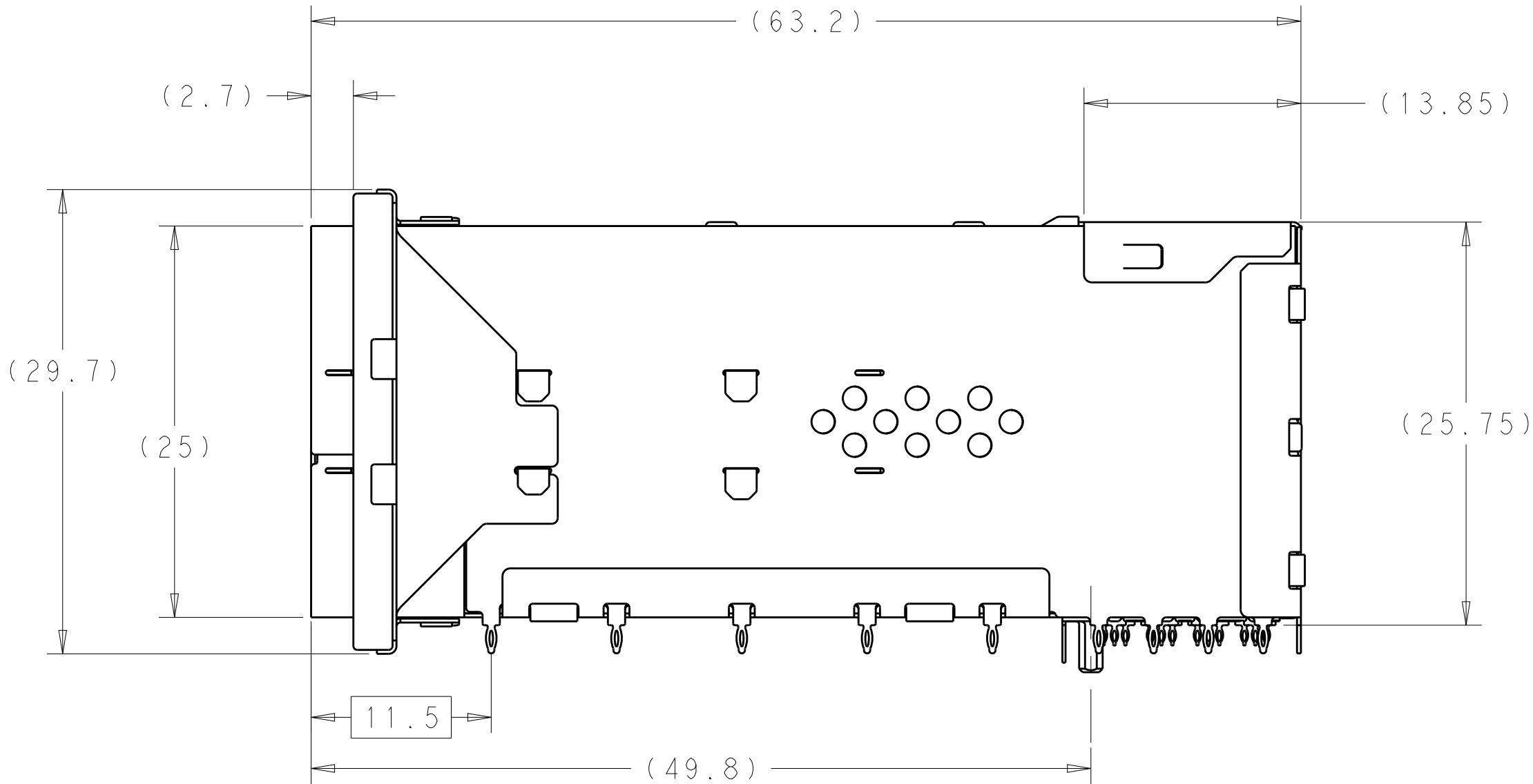
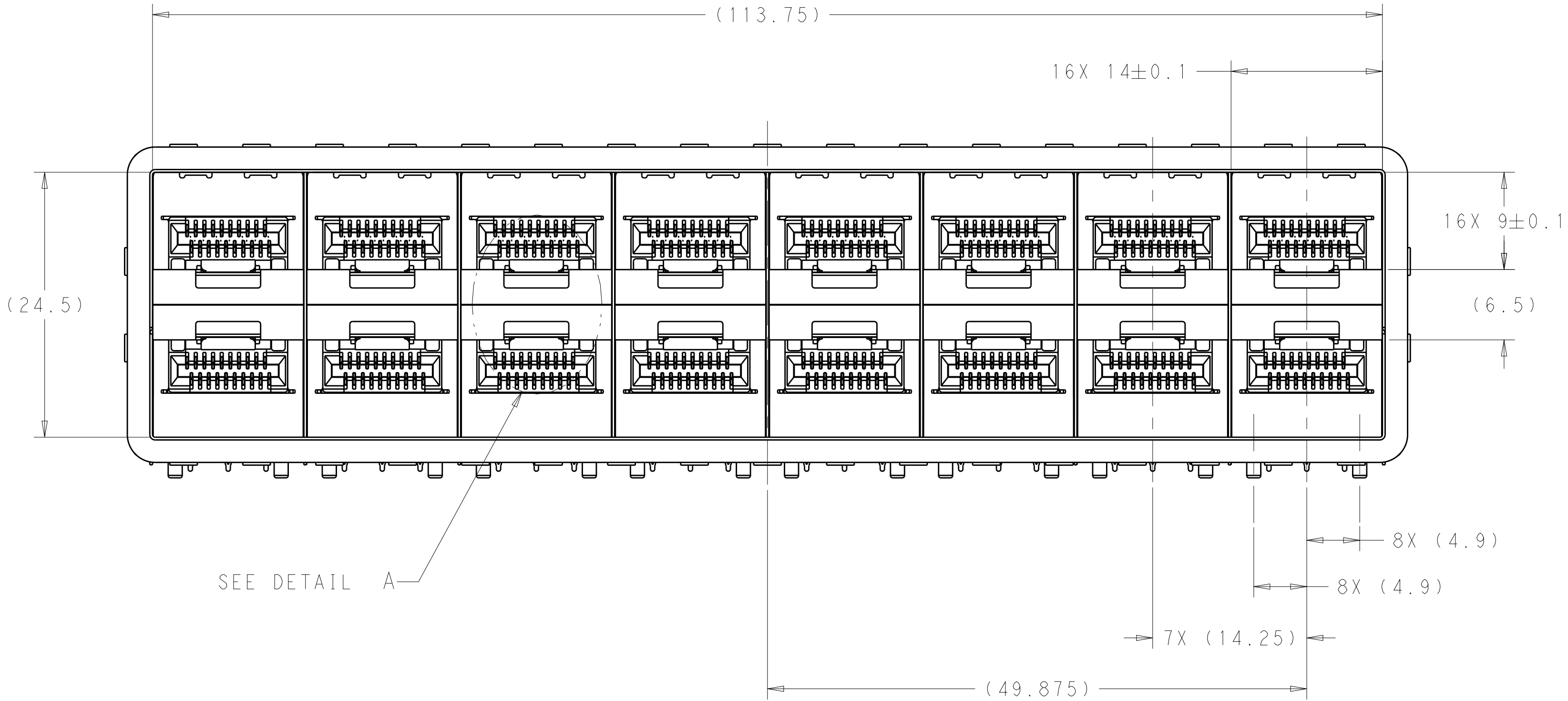
3.55±0.3

PCB

THIS DRAWING IS A CONTROLLED DOCUMENT				DWG 09DEC2011 M. E. COWHER CHK 13DEC2011 M. D. MORRISON APP'D 13DEC2011 M. D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+		PRODUCT SPEC 108-2481	
		0 PLOC ± 0.20 2 PLOC ± 0.15 3 PLOC ± 0.10 4 PLOC ± 0.10 ANGLES $\pm 0.1^\circ$		APPLICATION SPEC 114-13319		SIZE A	
MATERIAL SEE NOTES		FINISH SEE NOTES		CASE CODE 100779		DRAWING NO C=2198346	
				WEIGHT -		RESTRICTED TO -	
Customer Drawing				SCALE 3:1		SHEET 3 of 7	
				REV C			

4805 (3/11)

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

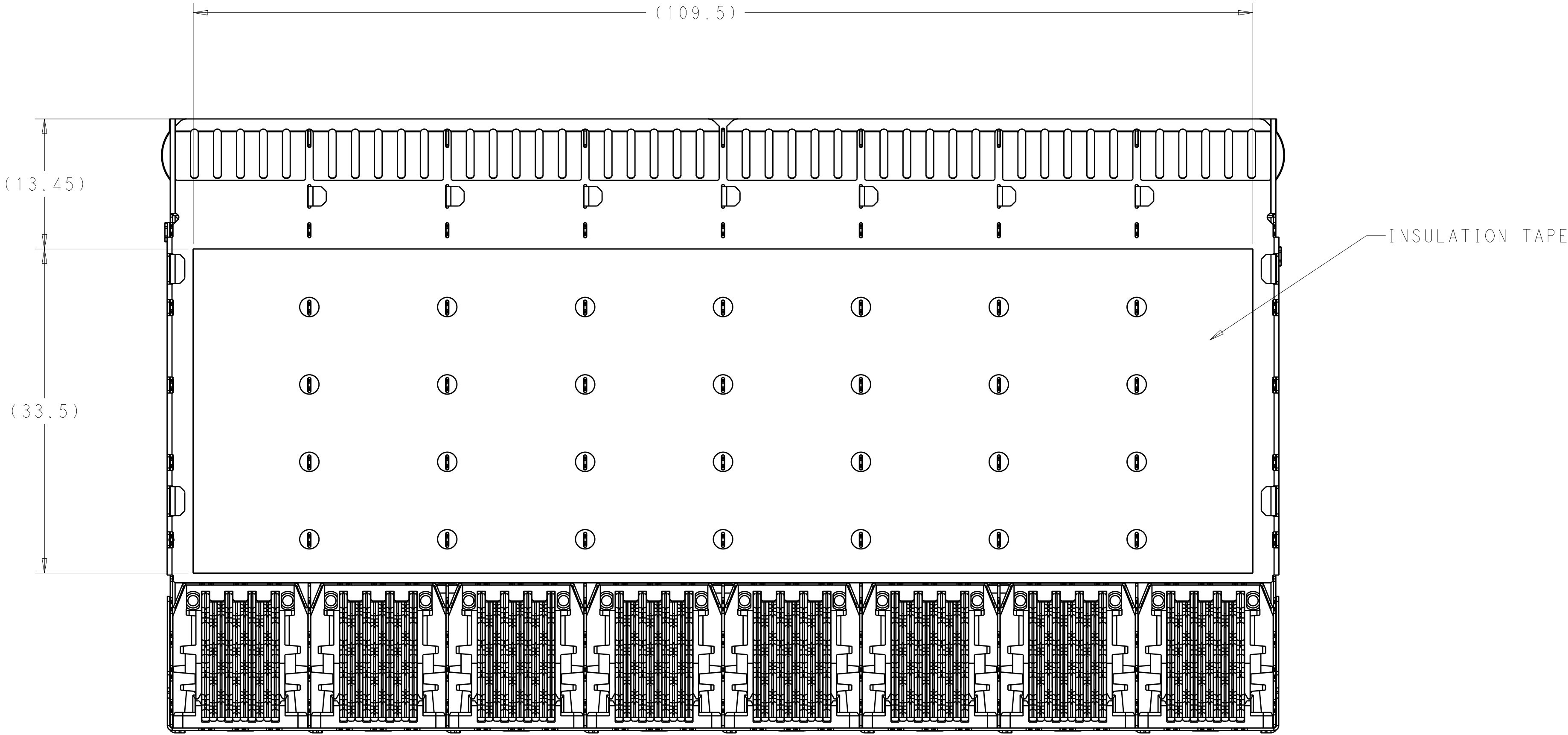
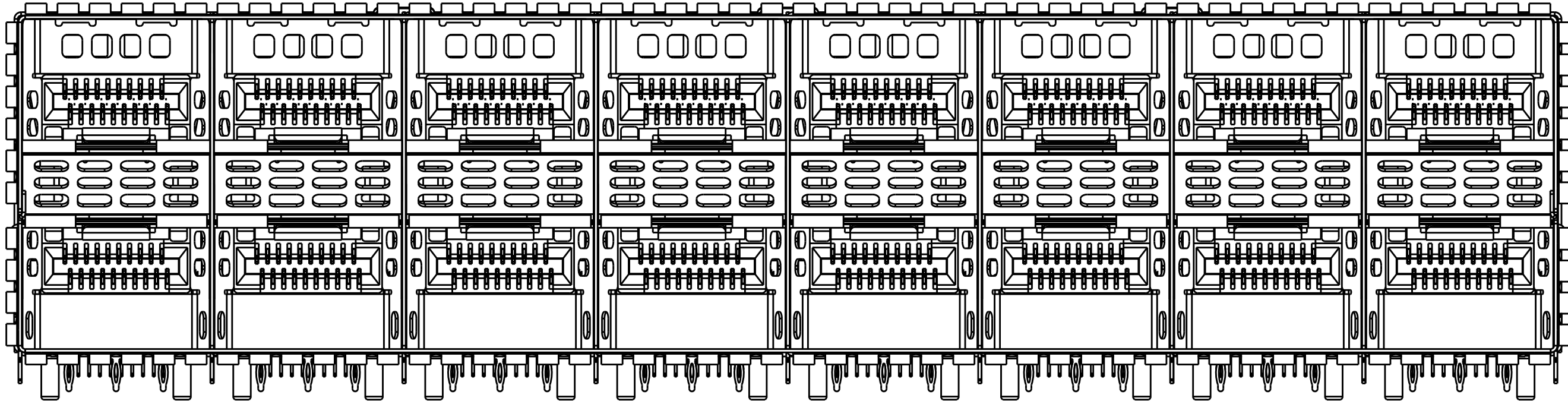


DETAIL A
8X INDIVIDUALLY
STACKED, zSFP+
SCALE 10:1

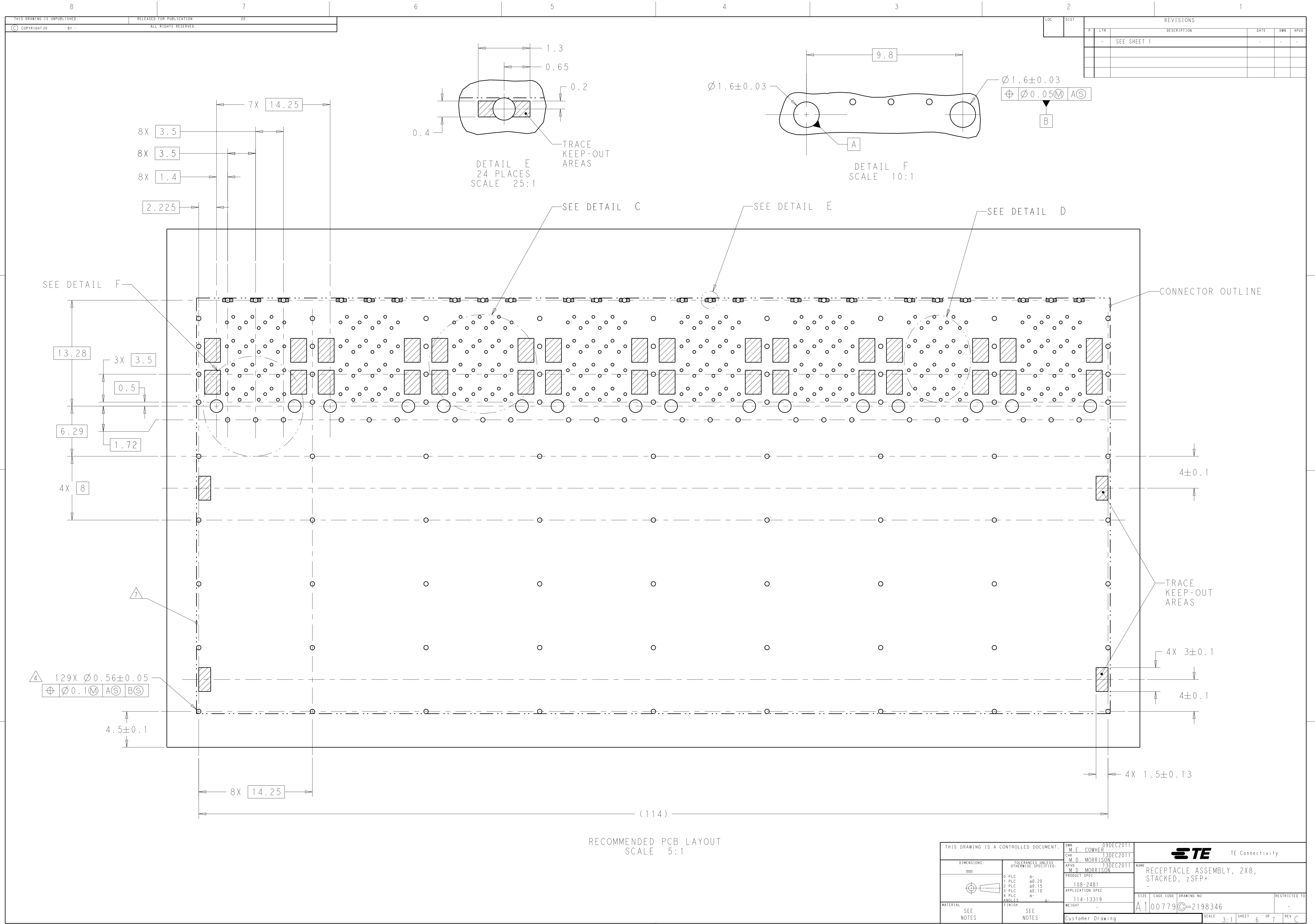
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME		
mm	0 PLC ±.20 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±.10 ANGLES ±.10 FINISH	108-2481 APPLICATION SPEC	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	SIZE CAGE CODE DRAWING NO	
MATERIAL	SEE NOTES	114-13319	-	A100779C=2198346	
SEE NOTES	SEE NOTES	WEIGHT	-	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	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER	09DEC2011	 TE Connectivity	
		CHK M.D. MORRISON	13DEC2011		
DIMENSIONS:		APVD M.D. MORRISON	13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
mm		PRODUCT SPEC			
		108-2481		SIZE A100779	
		APPLICATION SPEC			
		114-13319		CAGE CODE C=2198346	
		FINISH			
MATERIAL SEE NOTES		WEIGHT -		RESTRICTED TO -	
		Customer Drawing			
				SCALE 3:1	SHEET 5 OF 7
				REV C	



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

$\varnothing 1.6 \pm 0.03$
 $\varnothing 0.05$ M A S

B

DETAIL F
SCALE 10:1

DETAIL E
24 PLACES
SCALE 25:1

SEE DETAIL C

SEE DETAIL E

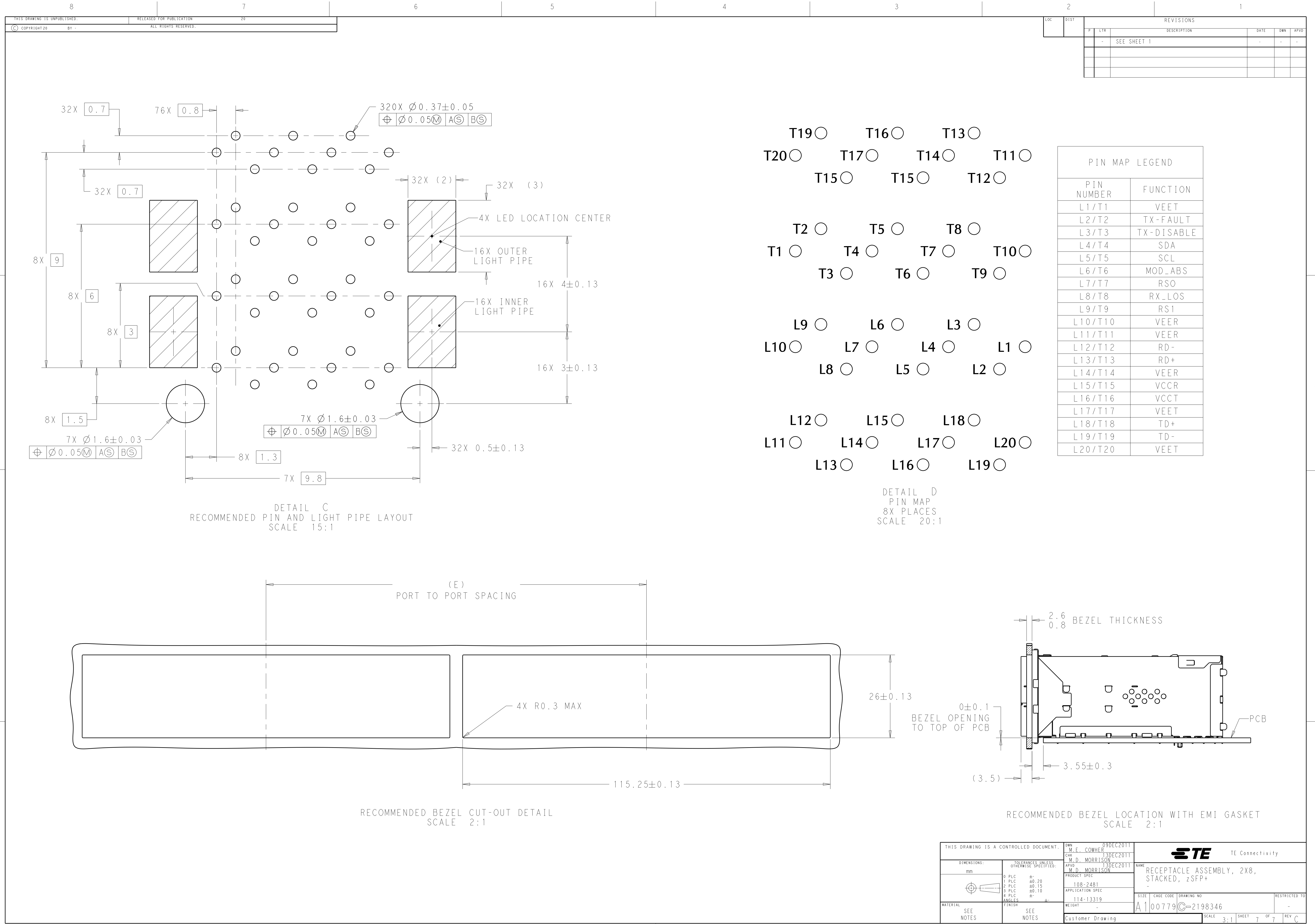
SEE DETAIL D

CONNECTOR OUTLINE

TRACE
KEEP-OUT
AREAS

RECOMMENDED PCB LAYOUT
SCALE 5:1

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			
mm	0 PLC ±0.20 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+			
	ANGLES FINISH	PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319 WEIGHT -	SIZE CAGE CODE DRAWING NO A100779C=2198346	RESTRICTED TO -	
MATERIAL SEE NOTES	SEE NOTES	Customer Drawing			
		SCALE 3:1	SHEET 6 OF 7	REV C	



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