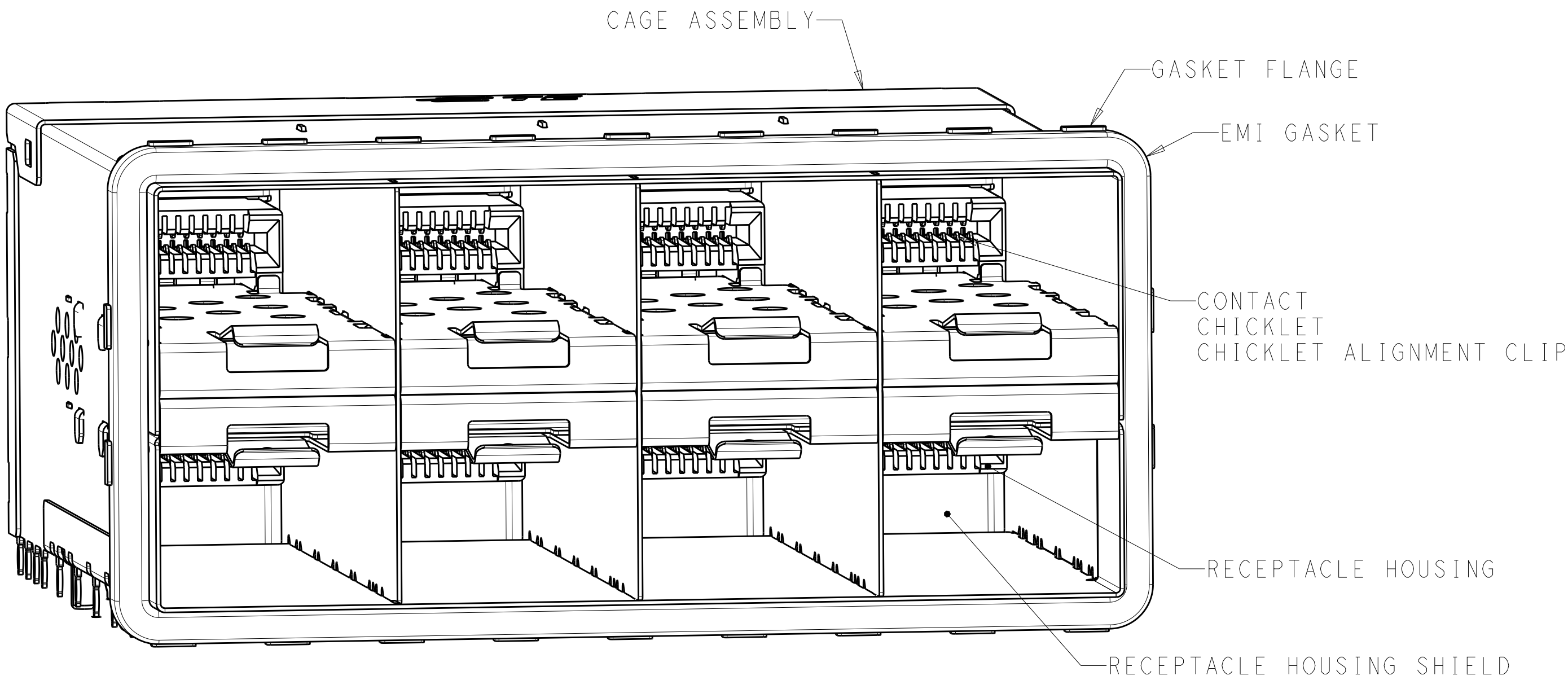
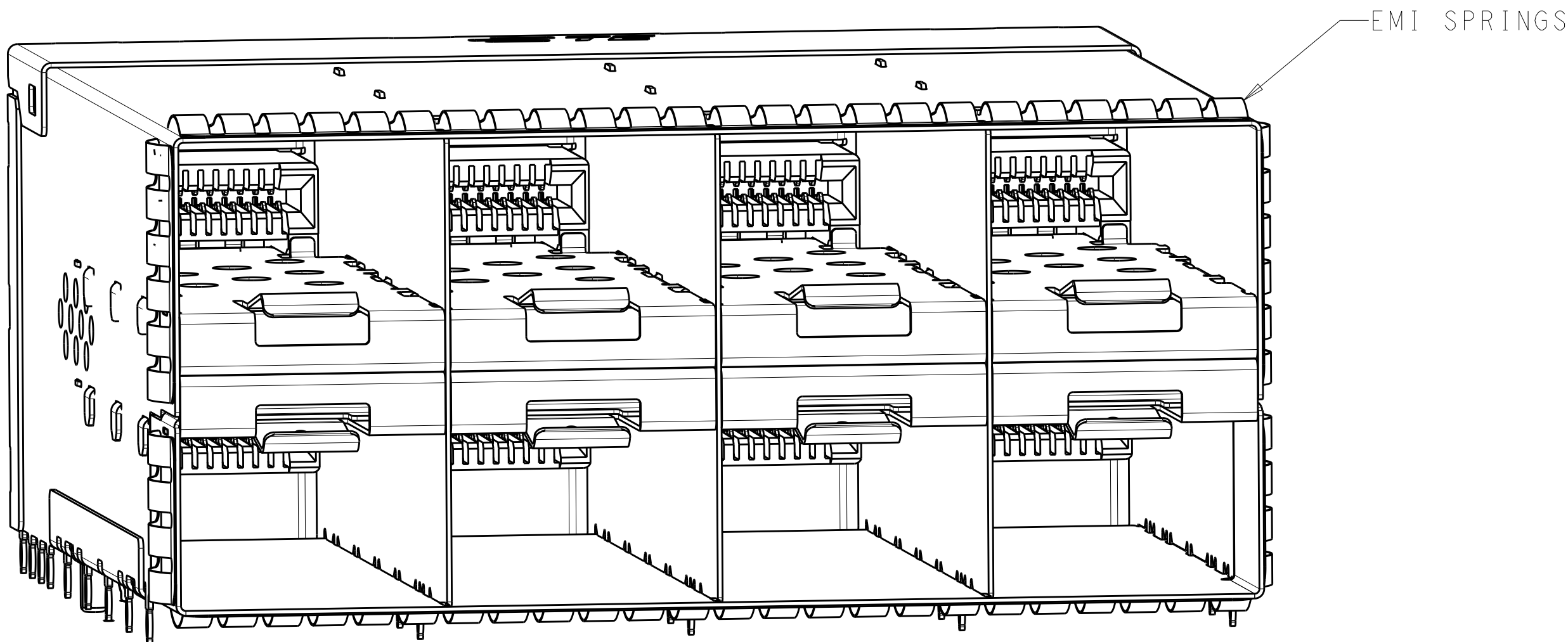


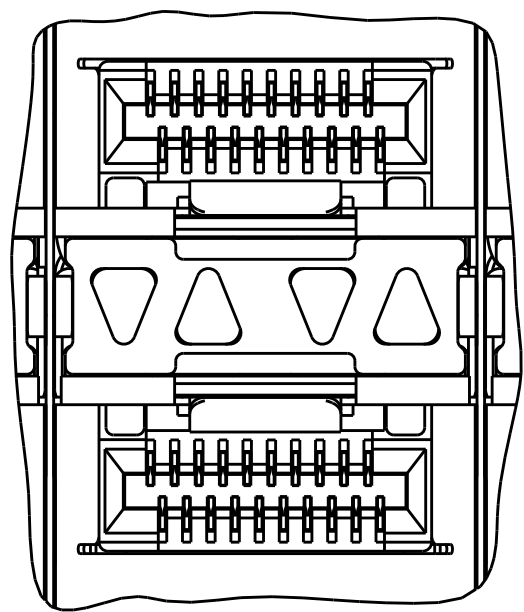
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED PER ECO-14-008758	12JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	
			C	REVISED PRE ECO-16-004263	18MAR2016	KQ	SH	
			C1	REVISED PER ECO-16-013892	11JUL2016	PP	SH	



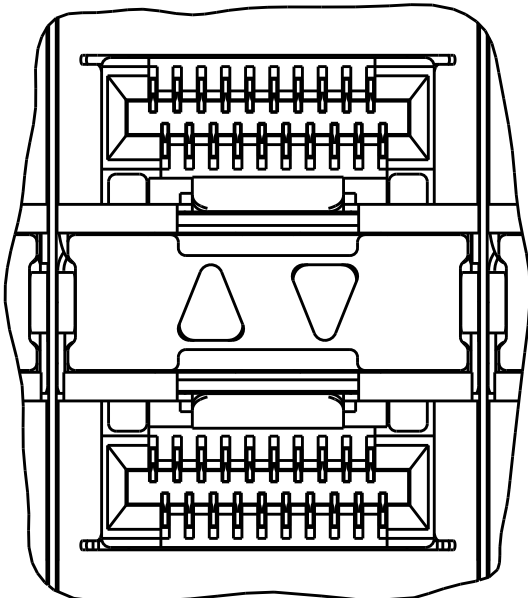
2180324-1
SCALE 4:1



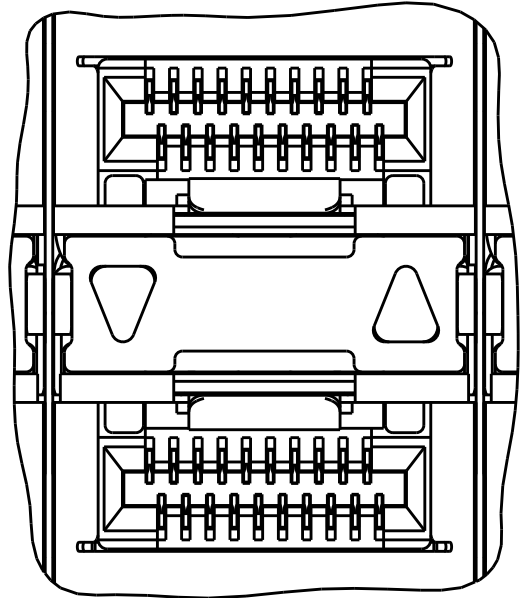
2180324-5
SCALE 4:1



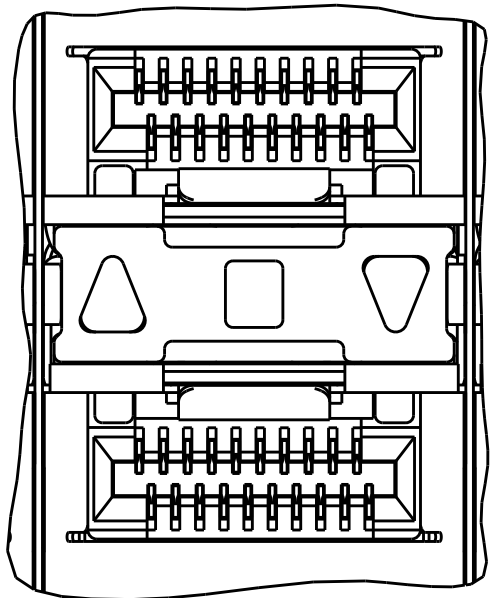
INNER/OUTER LIGHT PIPES
2180324-2, 2180324-6
SCALE 4:1



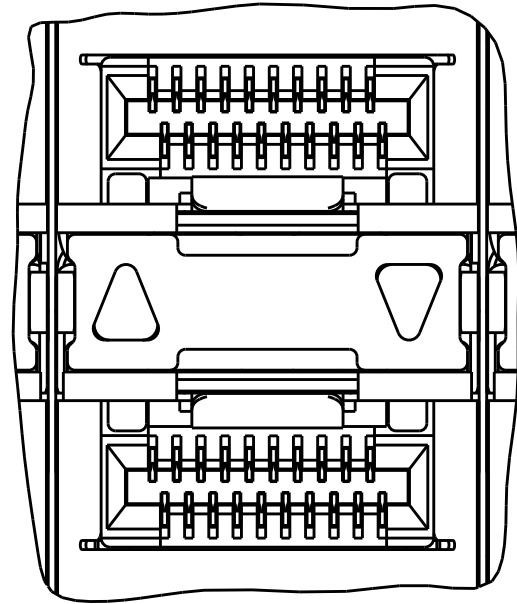
INNER LIGHT PIPES
2180324-3, 2180324-7
SCALE 4:1



OUTER LIGHT PIPES
2180324-4, 2180324-8
SCALE 4:1



CENTER/REVERSED OUTER
1-2180324-7, 1-2180324-9
SCALE 4:1



REVERSED OUTER LIGHT PIPES
1-2180324-8, 2-2180324-0
SCALE 4:1

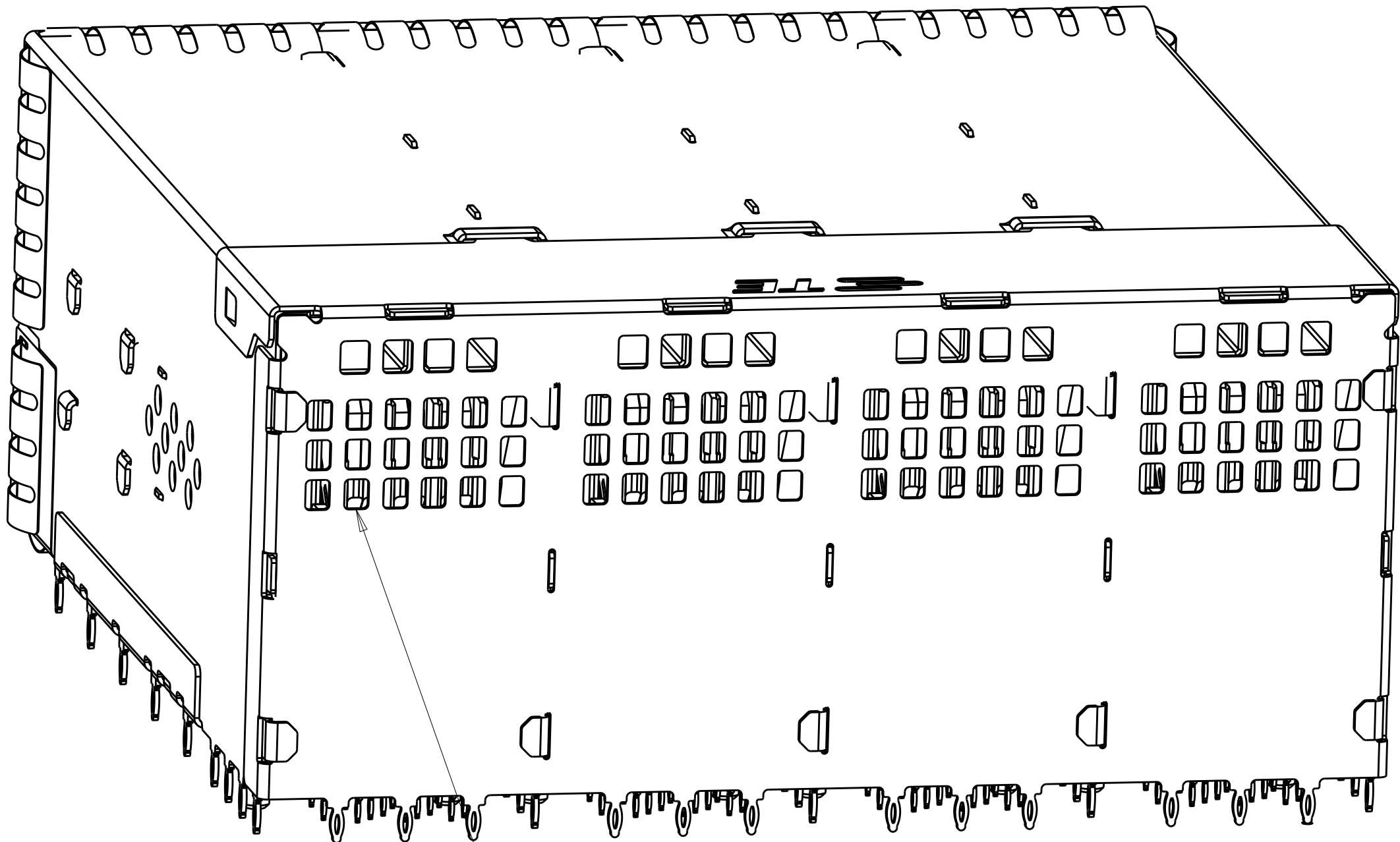
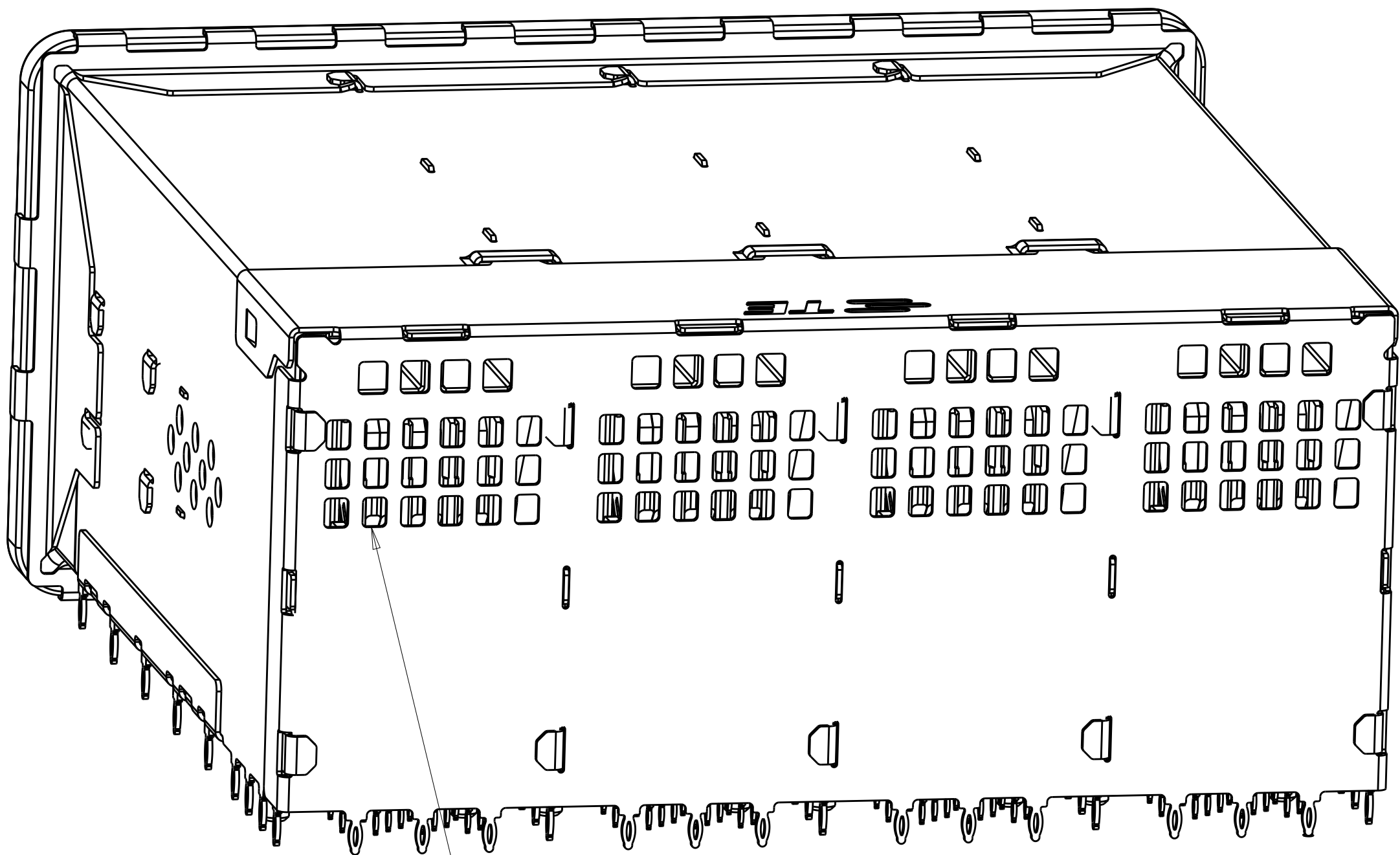
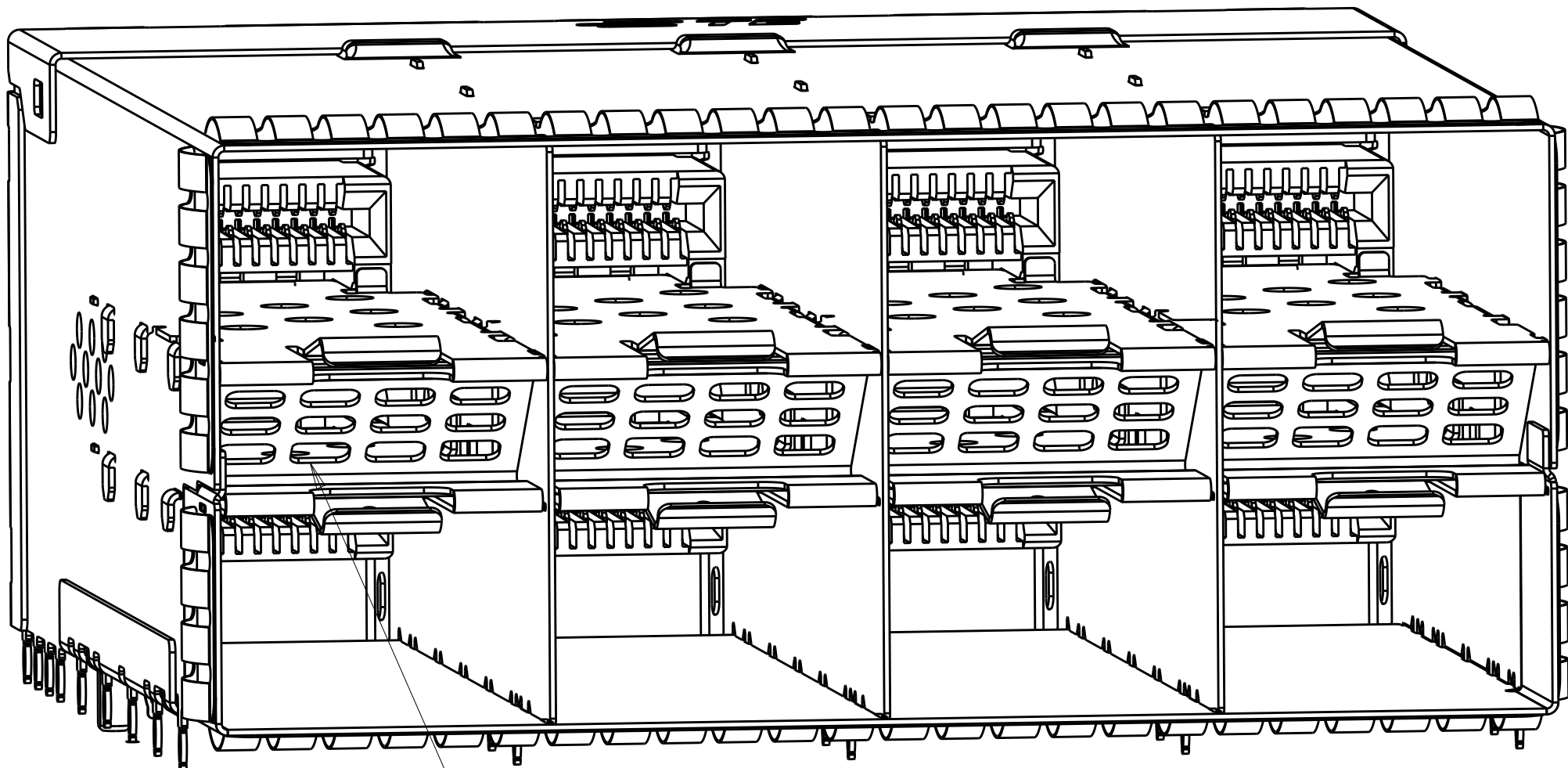
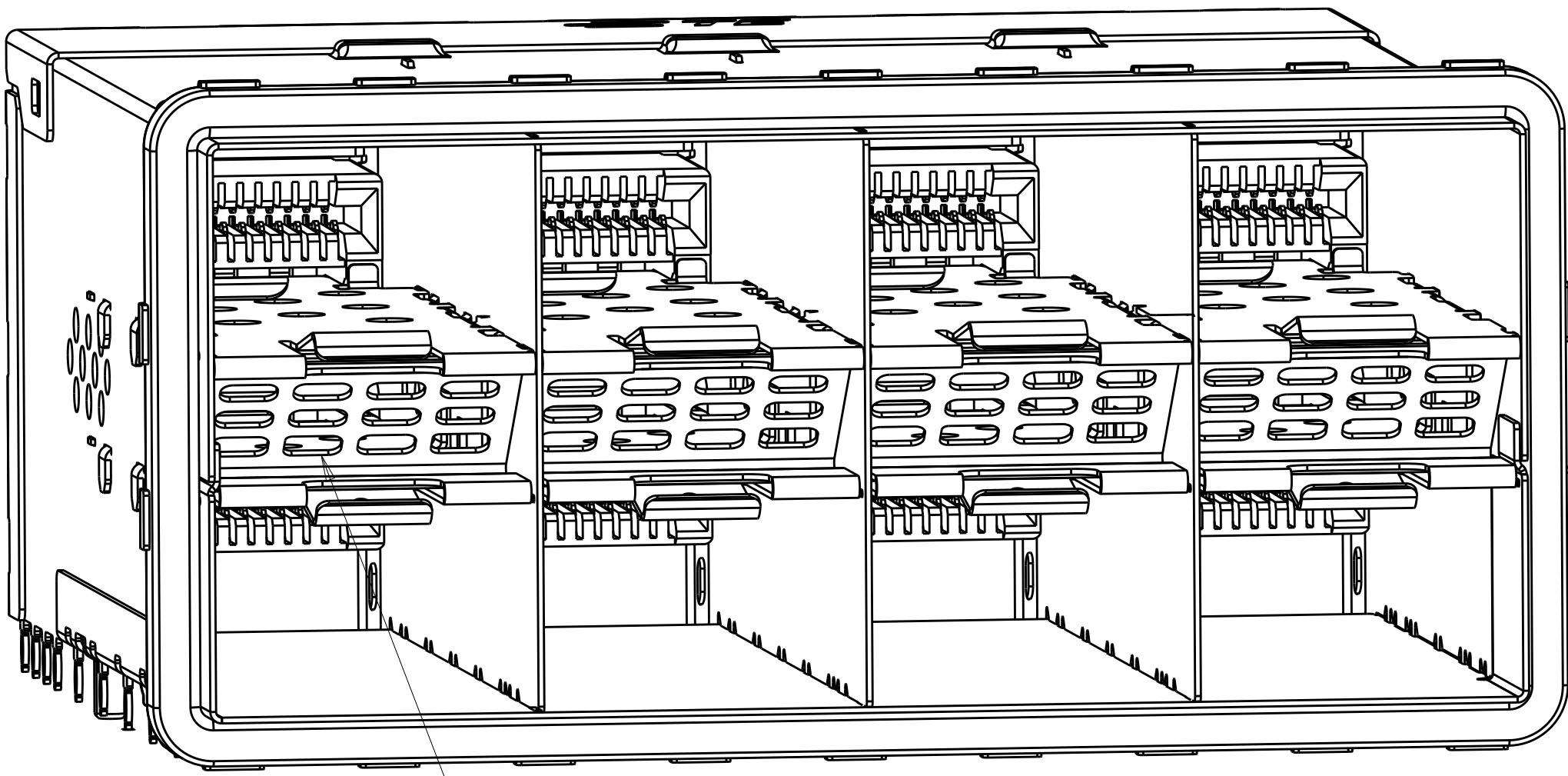
1. MATERIALS:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
CONNECTOR HOUSING SHIELD - COPPER ALLOY
CHICKLET - LCP, BLACK, UL 94V-O RATED
CHICKLET ALIGNMENT CLIP - PBT
CONTACT - COPPER ALLOY
EMI GASKET - ELASTOMERIC
GASKET FLANGE - STAINLESS STEEL
EMI 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

59.5	EMI SPRING AIRFLOW ENHANCE TYPE	OUTER	3-2180324-3
59.5	EMI SPRING AIRFLOW ENHANCE TYPE	CENTER/REVERSED OUTER	3-2180324-2
59.5	EMI SPRING AIRFLOW ENHANCE TYPE	NONE	3-2180324-1
62.25	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2180324-0
59.5	EMI SPRINGS	REVERSED OUTER	2-2180324-0
		CENTER/REVERSED OUTER	1-2180324-9
62.25	EMI GASKET	REVERSED OUTER	1-2180324-8
		CENTER/REVERSED OUTER	1-2180324-7
59.5	EMI SPRINGS	OUTER	2180324-8
		INNER	2180324-7
		INNER/OUTER	2180324-6
		NONE	2180324-5
62.25	EMI GASKET	OUTER	2180324-4
		INNER	2180324-3
		INNER/OUTER	2180324-2
		NONE	2180324-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 14SEP2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011		
mm		APVD M.D. MORRISON 25OCT2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
		PRODUCT SPEC	SIZE	
		108-2481	CAGE CODE	
MATERIAL SEE NOTES		APPLICATION SPEC	DRAWING NO	
		114-13319	RESTRICTED TO	
FINISH SEE NOTES		WEIGHT	A100779C=2180324	
		CUSTOMER DRAWING	SCALE 2:1 SHEET 1 OF 7 REV C1	

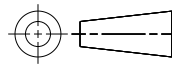
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

AIRFLOW ENHANCE W/O LP TYPE



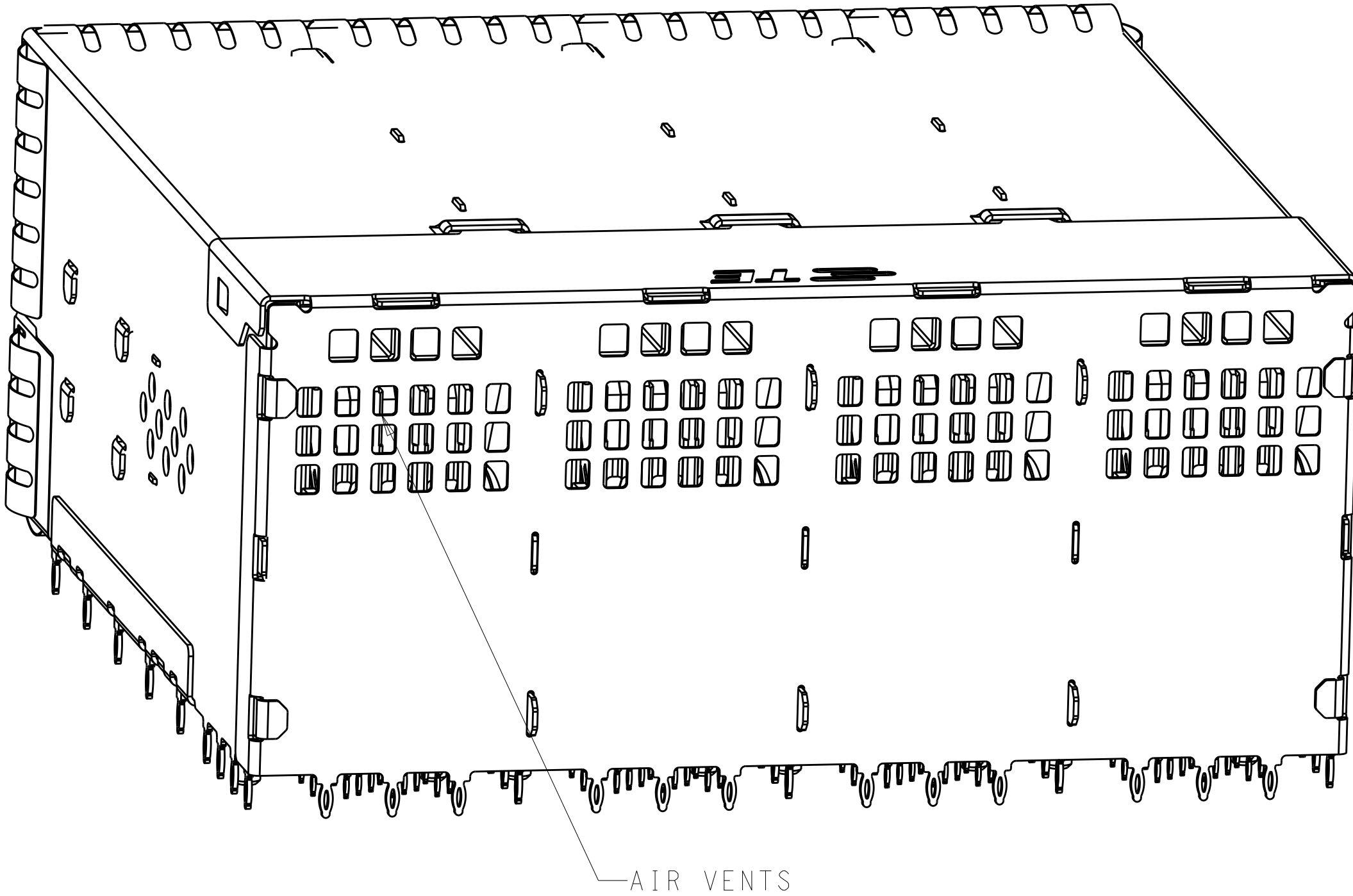
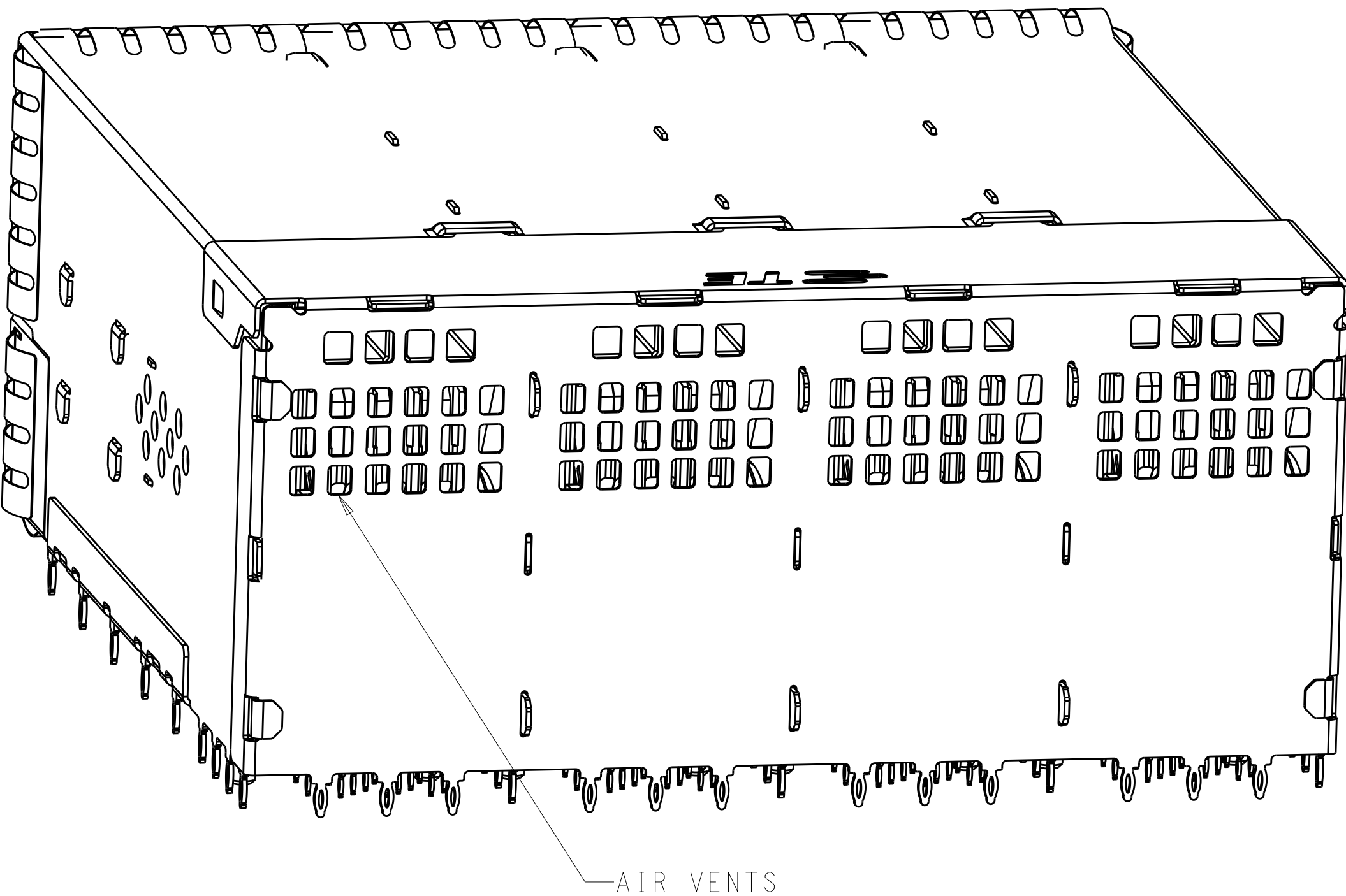
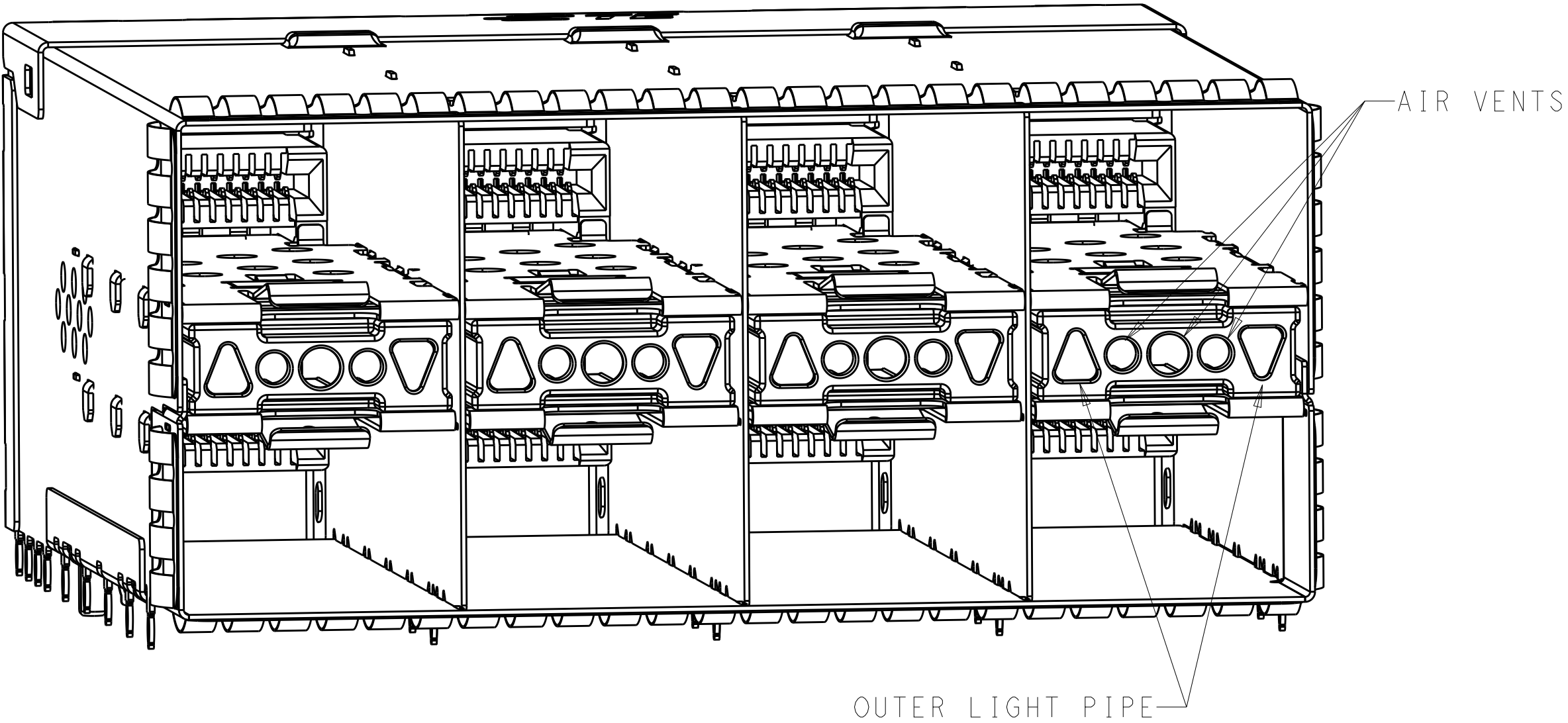
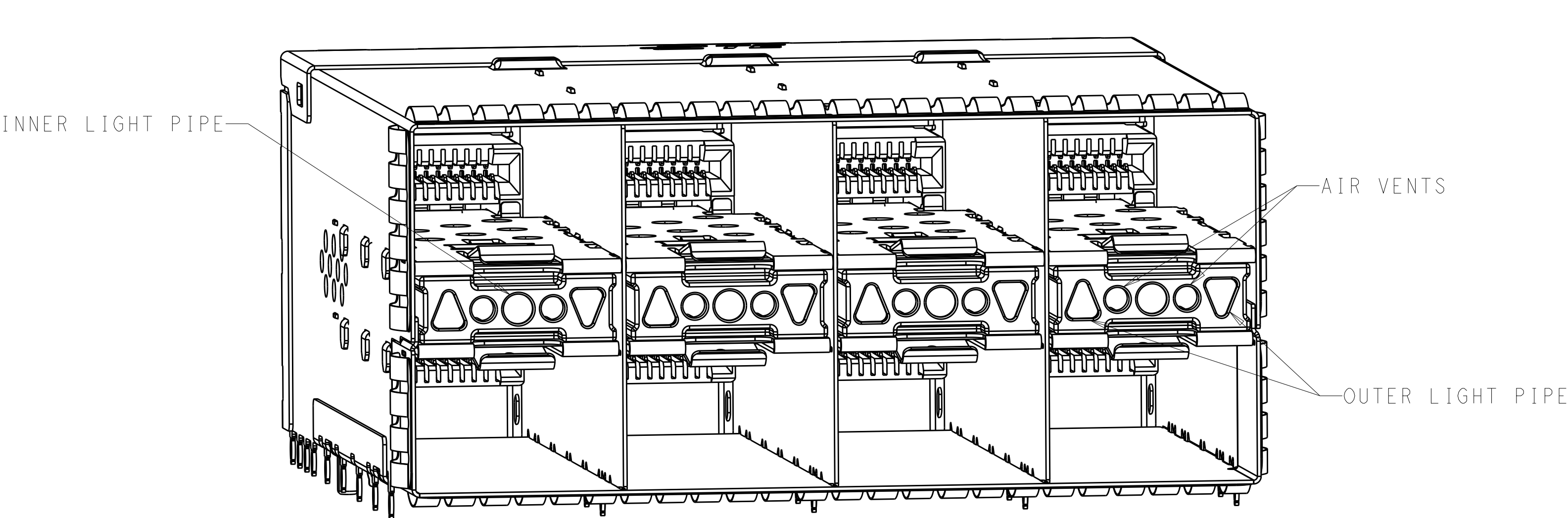
3-2180324-0
EMI GASKET TYPE

3-2180324-1
EMI SPRING TYPE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 14SEP2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011		
mm		APVD M.D. MORRISON 25OCT2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
		PRODUCT SPEC	SIZE	
		108-2481	CAGE CODE	
		APPLICATION SPEC	DRAWING NO	
		114-13319	RESTRICTED TO	
MATERIAL SEE NOTES		WEIGHT -	A100779C=2180324	
FINISH SEE NOTES		CUSTOMER DRAWING	SCALE 2:1	
			SHEET 2 OF 7	
			REV C1	

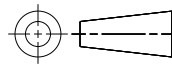
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

AIRFLOW ENHANCE W/ LP TYPE

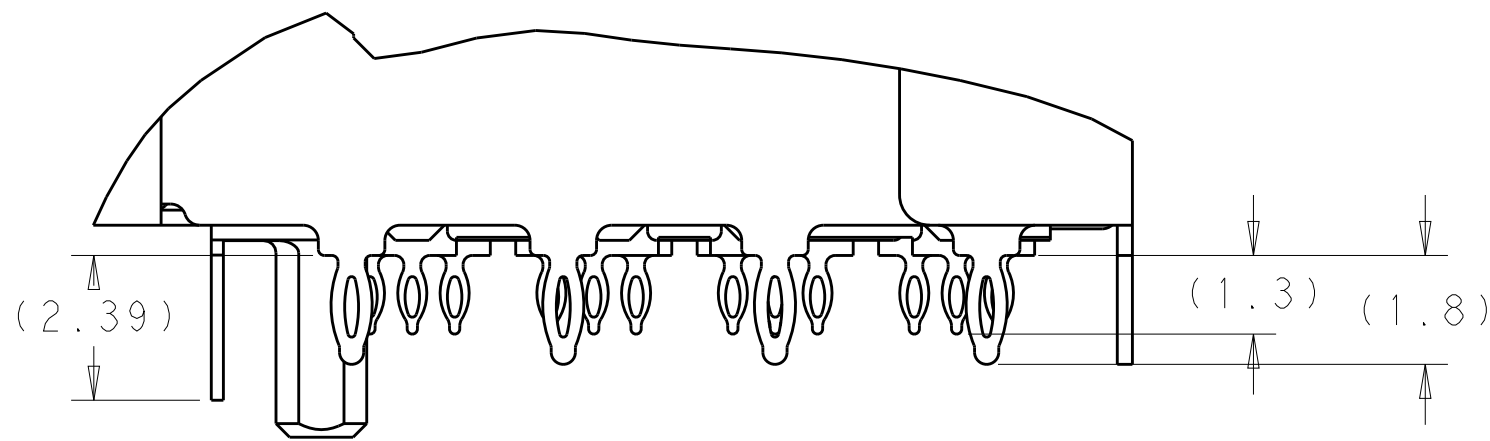
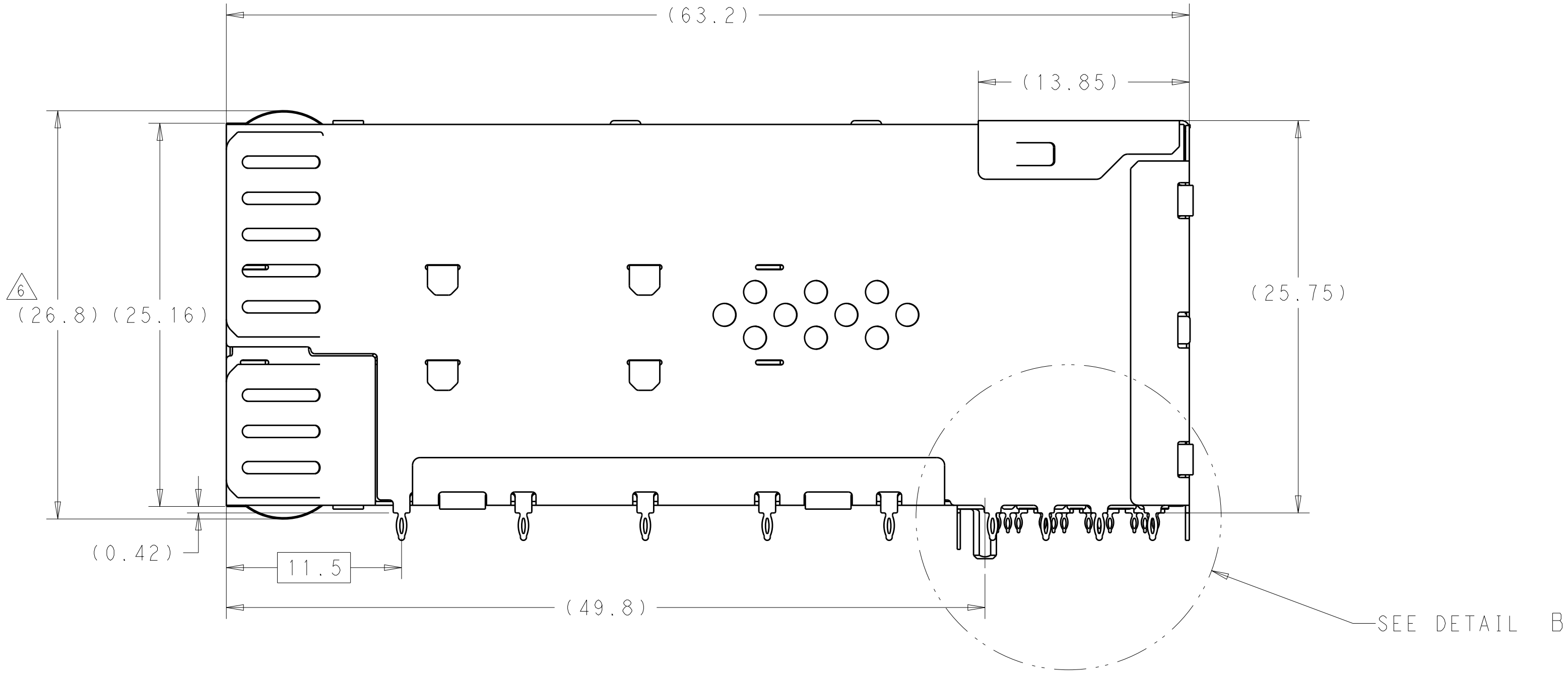
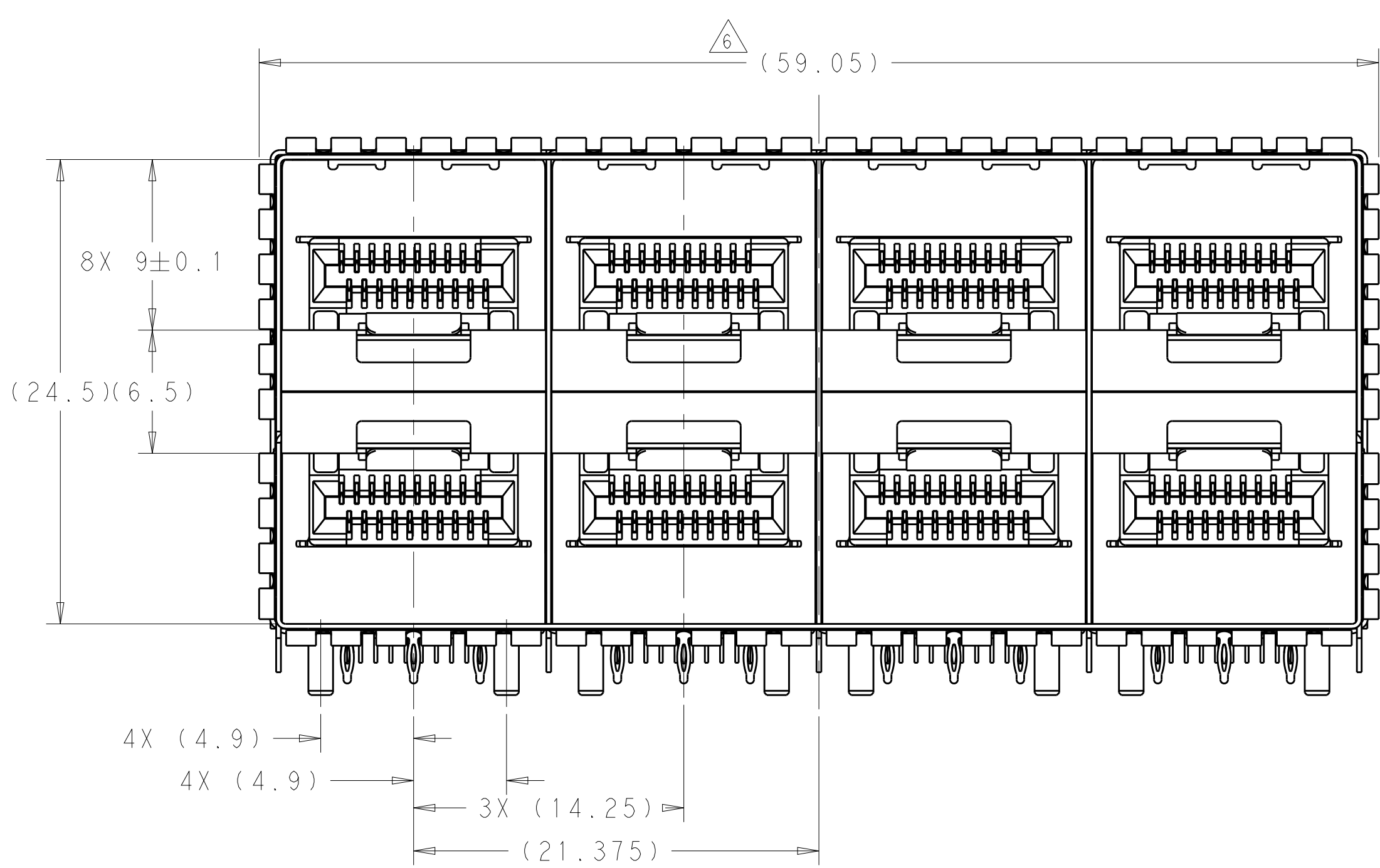


3-2180324-2
EMI SPRING W/ LP TYPE

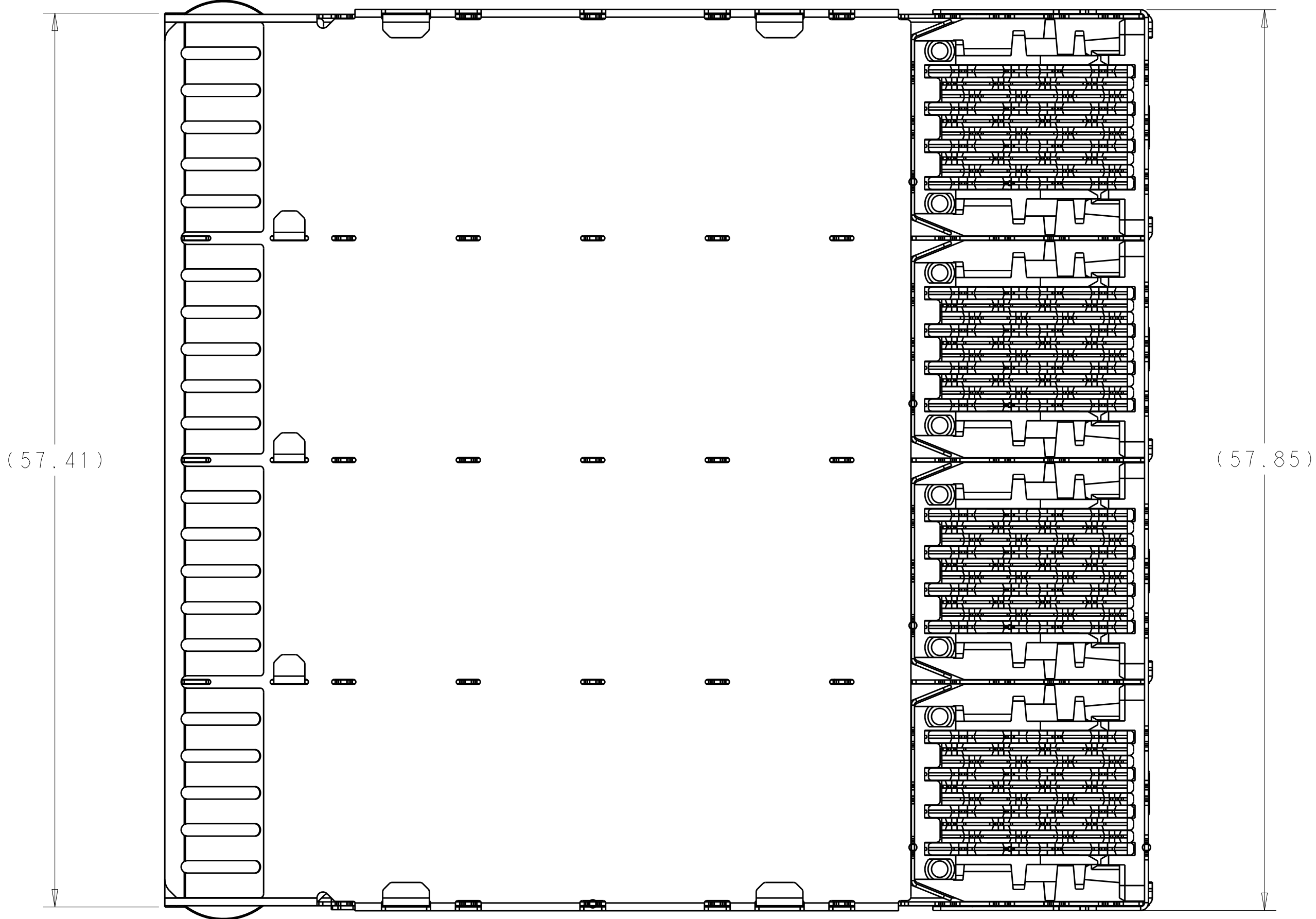
3-2180324-3
EMI SPRING W/ OUTER LP TYPE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 14SEP2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 25OCT2011	NAME	RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+
	0 PLC	±0.13	PRODUCT SPEC	SIZE
	1 PLC	±0.13	108-2481	CAGE CODE
	2 PLC	±0.13	APPLICATION SPEC	DRAWING NO
	3 PLC	±0.13	114-13319	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A100779C=2180324	-
SEE NOTES	SEE NOTES	CUSTOMER DRAWING	SCALE 2:1	SHEET 3 OF 7
			REV C1	

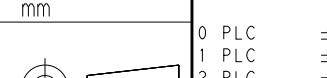
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

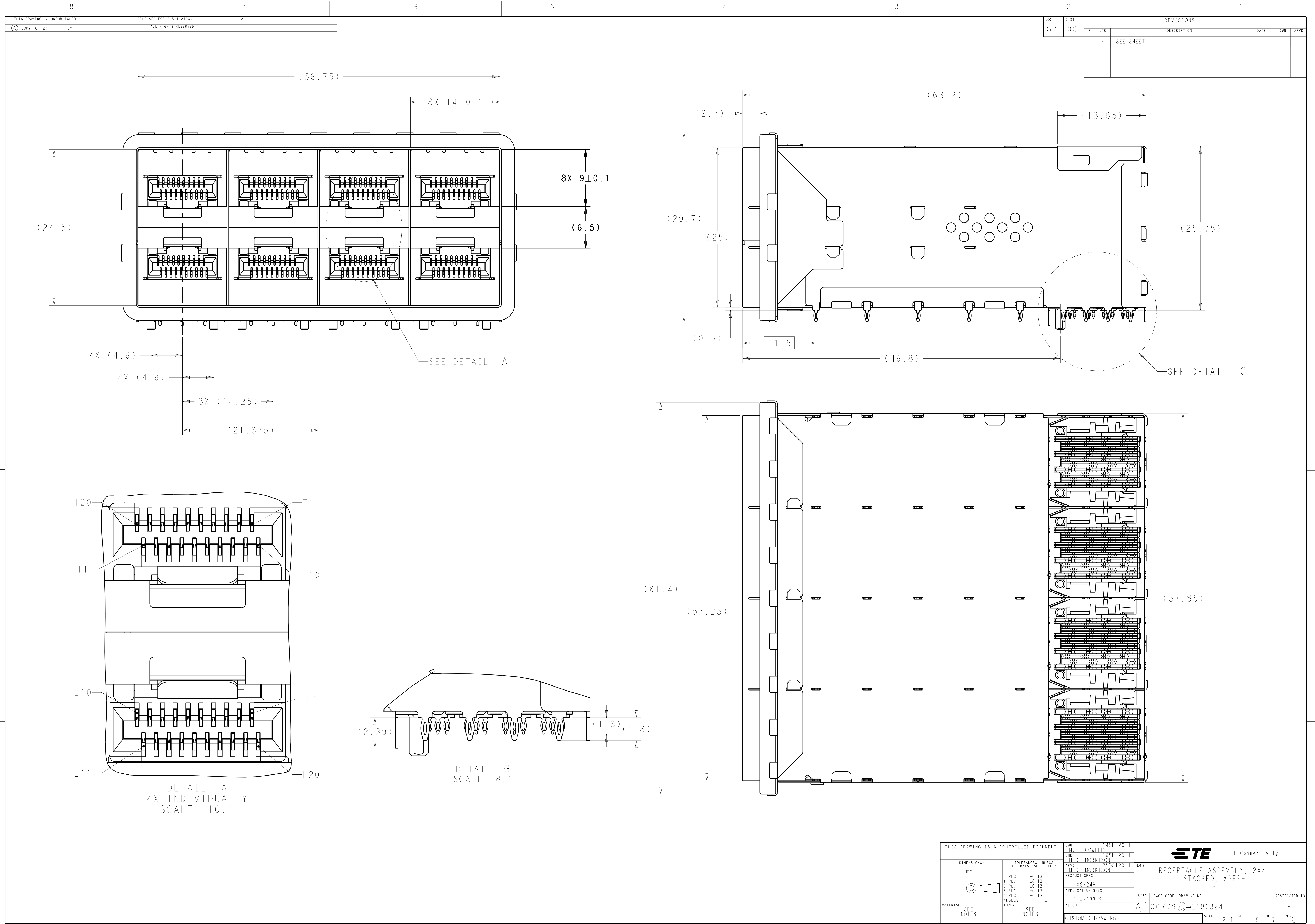


DETAIL B
SCALE 8:1



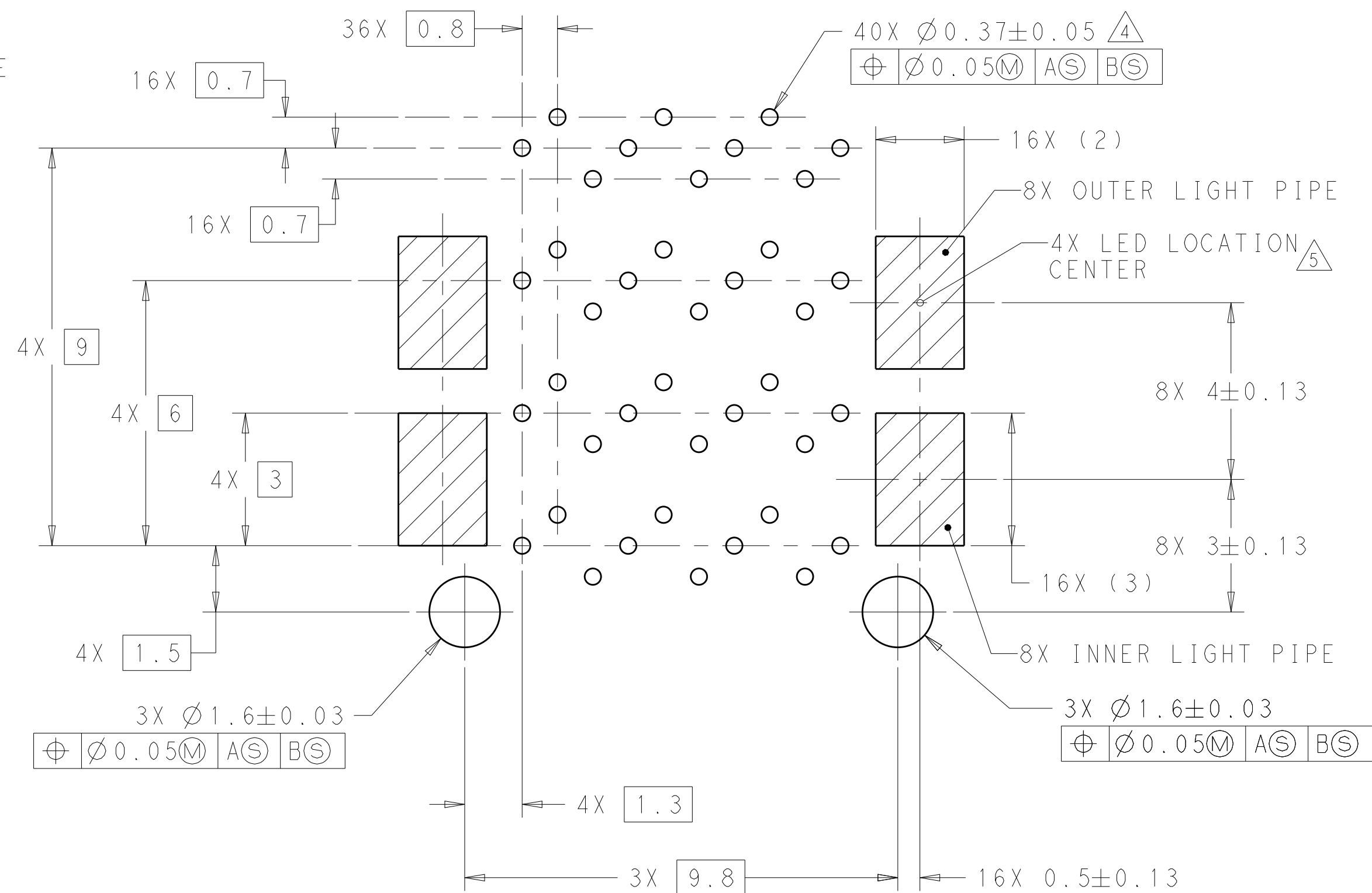
2180324-5 THRU 2180324-8, 1-2180324-9, 2-2180324-0, 3-2180324-1, 3-2180324-2, 3-2180324-3
EMI SPRINGS ONLY
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. E. CONNER 14SEP2011	 TE Connectivity			
DIMENSIONS: mm		CHK M. D. MORRISON 16SEP2011				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. D. MORRISON 25OCT2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	RESTRICTED TO -		
		PRODUCT SPEC 108-2481				
MATERIAL SEE NOTES		APPLICATION SPEC 114-13319	SIZE A	CAGE CODE 00779	DRAWING NO C=2180324	REV C1
FINISH SEE NOTES		WEIGHT -	CUSTOMER DRAWING		SCALE 2:1	SHEET 4
					OF 7	



LOC		DIST		REVISIONS					
GP		00		REV	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M. E. CONNER	14SEP2011	TE Connectivity		
				CHK	M. D. MORRISON	16SEP2011			
				APVD	M. D. MORRISON	25OCT2011	NAME		
				PRODUCT SPEC			RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+		
				APPLICATION SPEC			SIZE		
				WEIGHT			CAGE CODE		
				CUSTOMER DRAWING			DRAWING NO		
							RESTRICTED TO		
							SCALE		
							SHEET		
							OF		
							REV		
							C1		



RECOMMENDED PCB LAYOUT
SCALE 5:1

4805 (3/11)

LOC		DIST		REVISIONS				
GP		00		P	LTR	DESCRIPTION		DATE
						SEE SHEET 1		

T19○ T16○ T13○
T20○ T17○ T14○ T11○
T18○ T15○ T12○

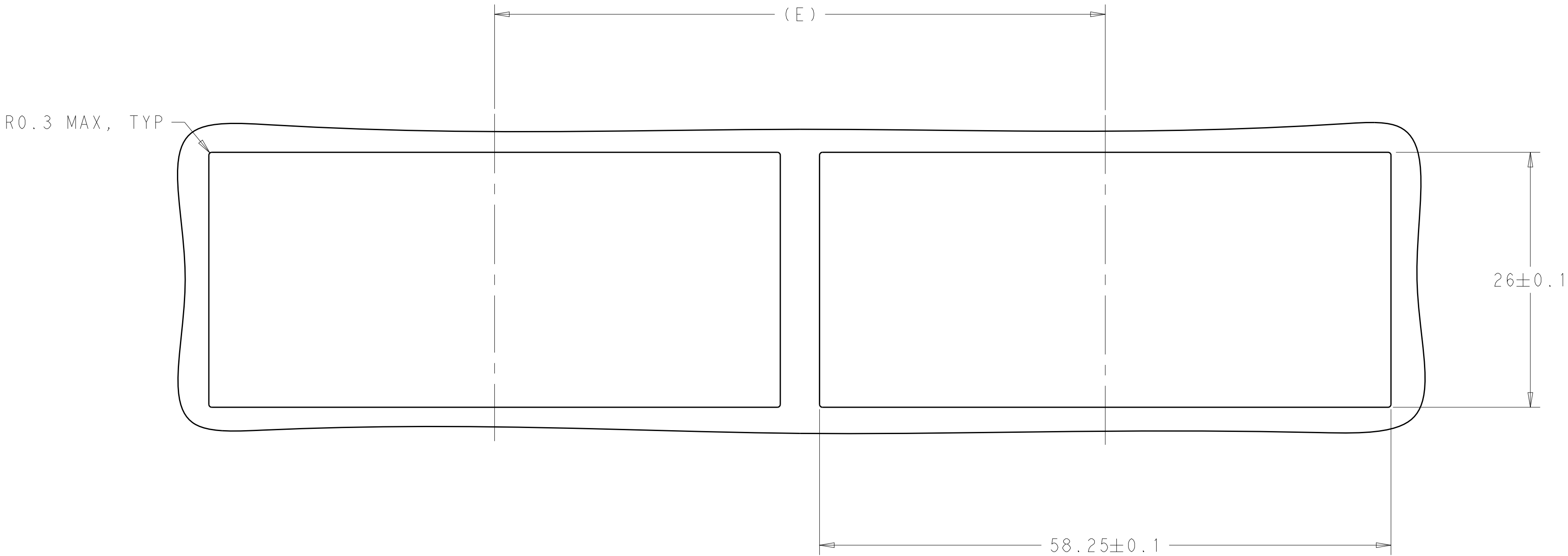
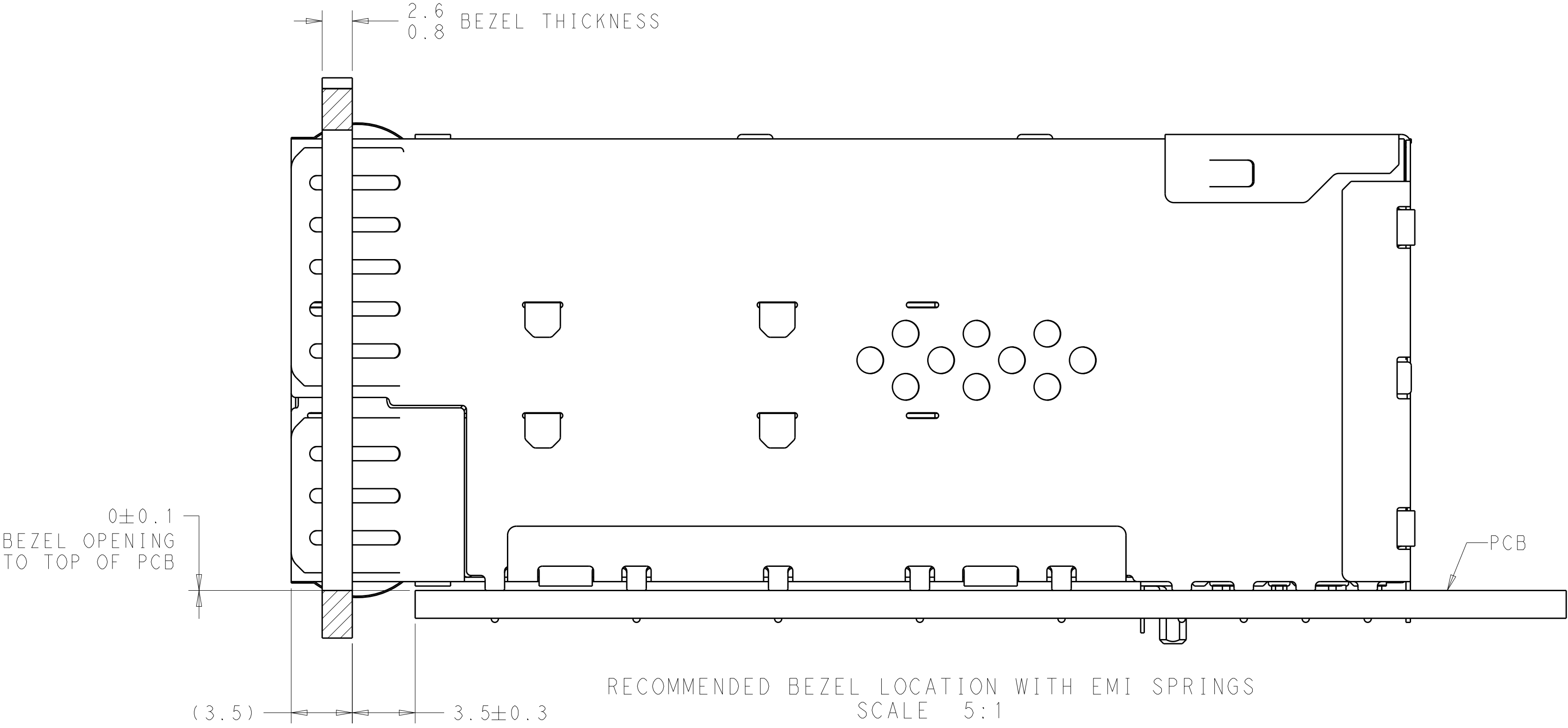
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

L9○ L6○ L3○
L10○ L7○ L4○ L1○
L8○ L5○ L2○

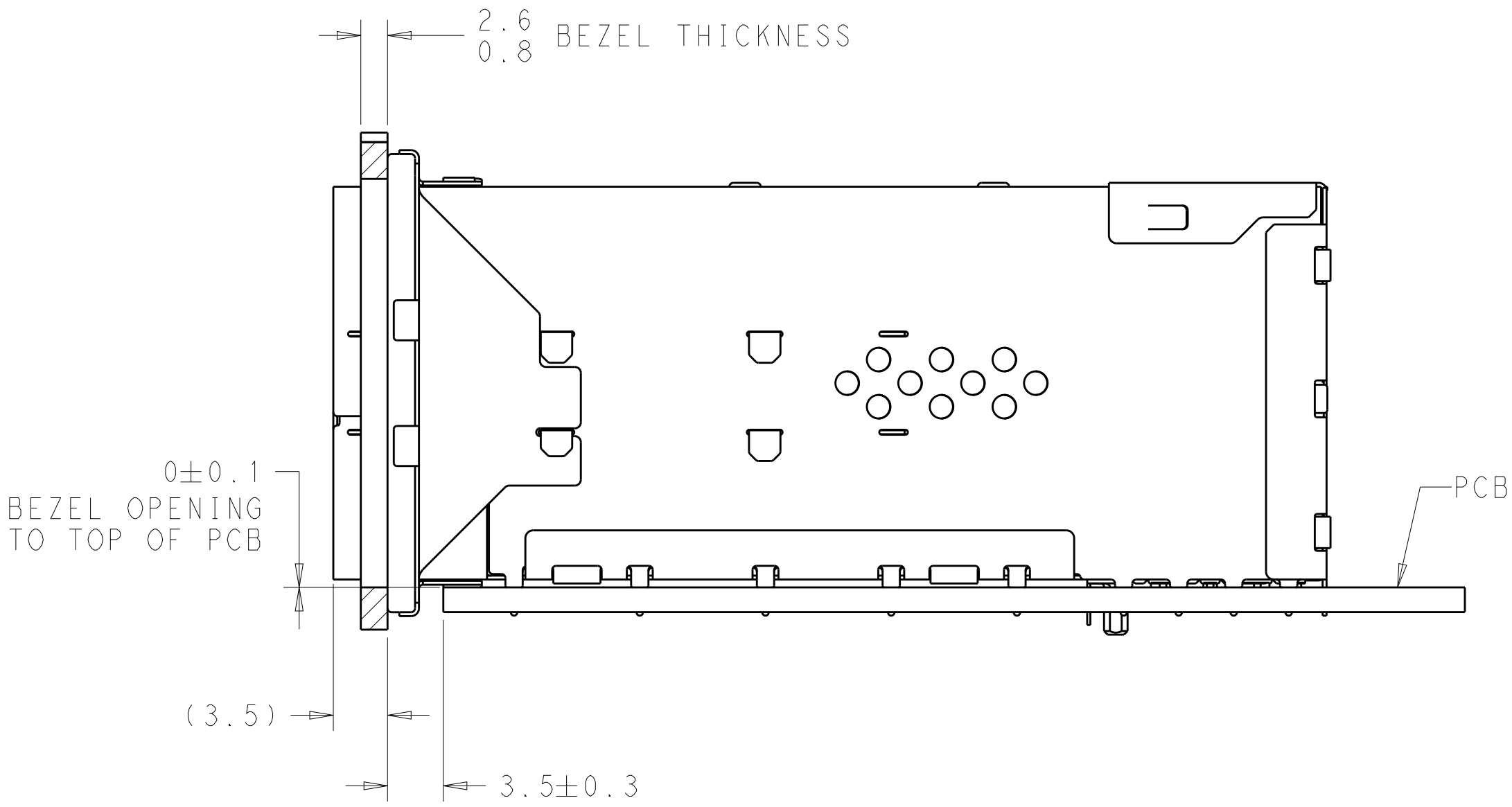
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

DETAIL F
PIN MAP
4 PLACES
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	RS0
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 3:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M.E. CONNER 14SEP2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 25OCT2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
	0 PLC ±0.13	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
	1 PLC ±0.13	108-2481	A100779C=2180324	
	2 PLC ±0.13	APPLICATION SPEC	RESTRICTED TO	
MATERIAL SEE NOTES		114-13319	SCALE 2:1 SHEET 7 OF 7 REV C1	
FINISH SEE NOTES		WEIGHT	CUSTOMER DRAWING	
		CUSTOMER DRAWING		

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