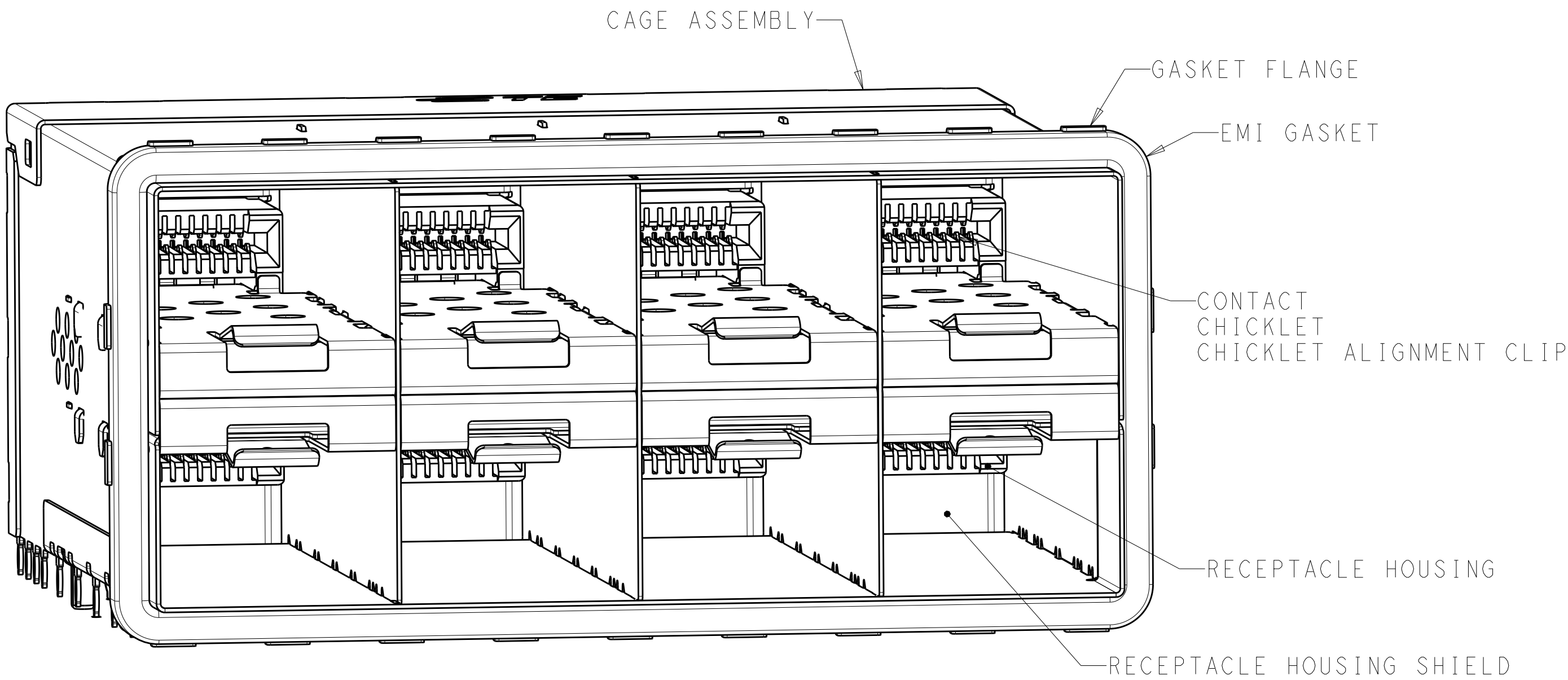
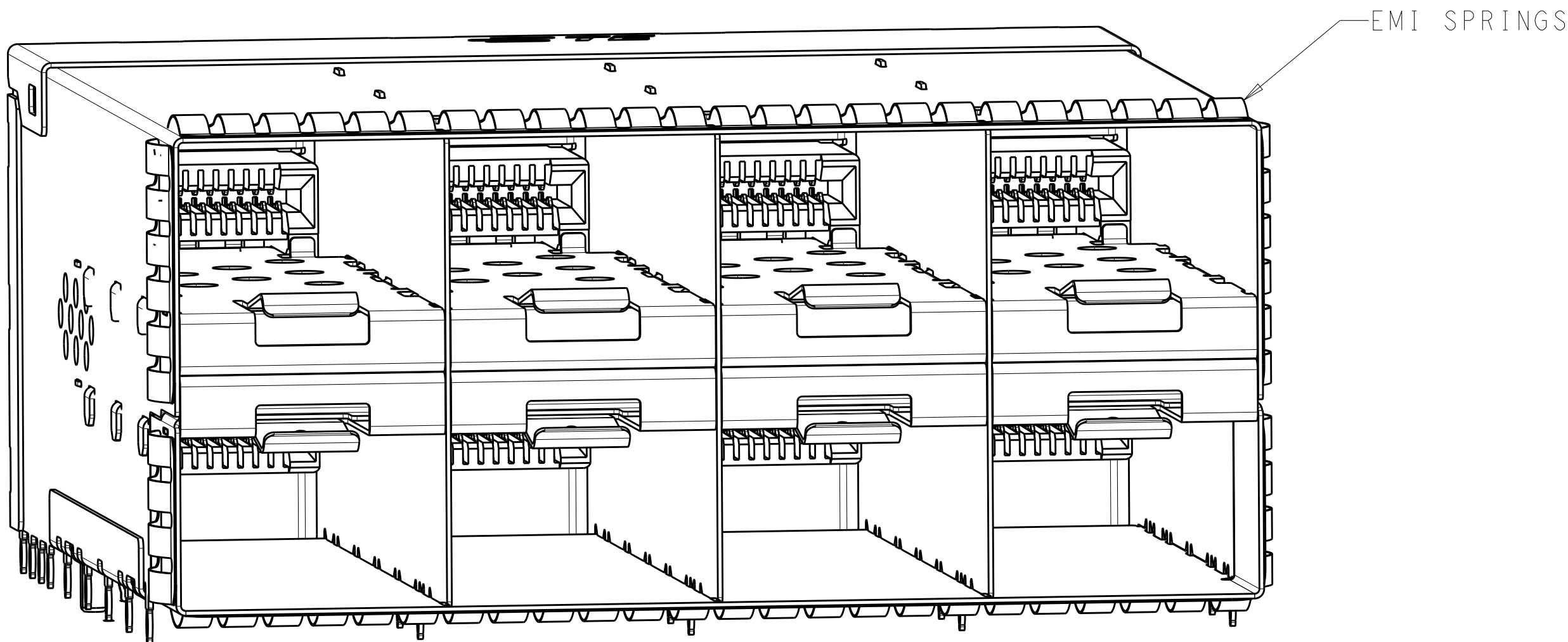


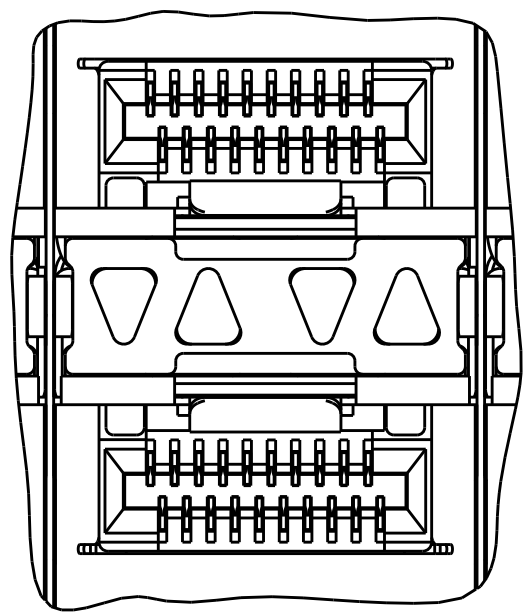
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED PER ECO-14-008758	12JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	
			C	REVISED PRE ECO-16-004263	18MAR2016	KQ	SH	
			C1	REVISED PER ECO-16-013892	11JUL2016	PP	SH	



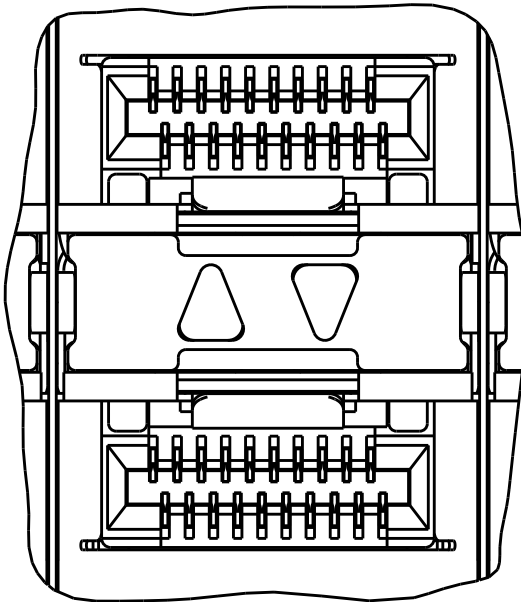
2180324-1
SCALE 4:1



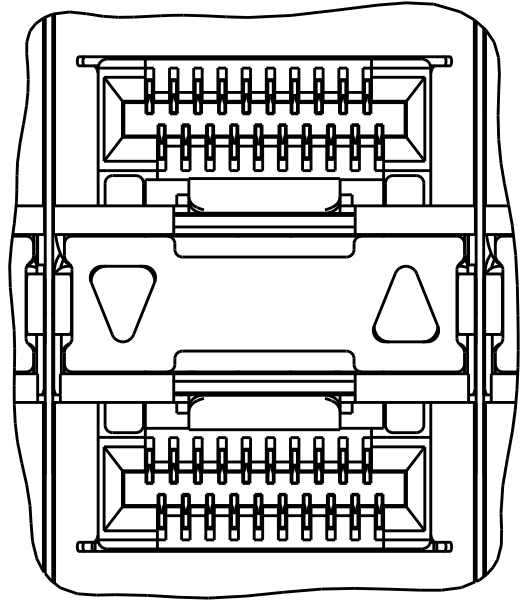
2180324-5
SCALE 4:1



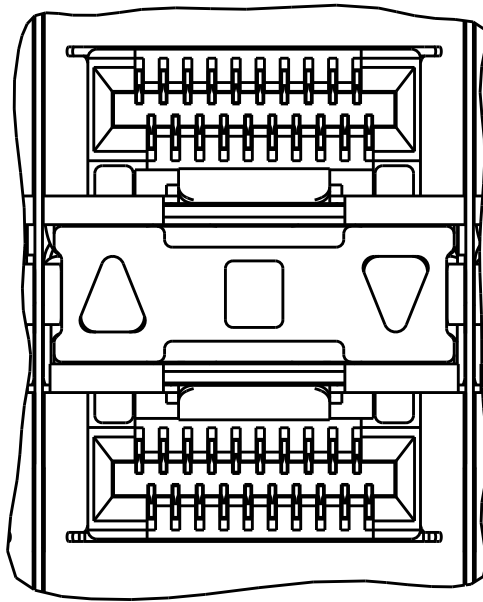
INNER/OUTER LIGHT PIPES
2180324-2, 2180324-6
SCALE 4:1



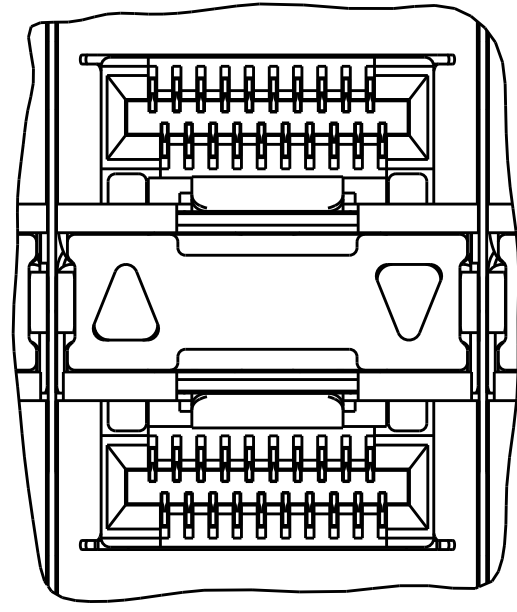
INNER LIGHT PIPES
2180324-3, 2180324-7
SCALE 4:1



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

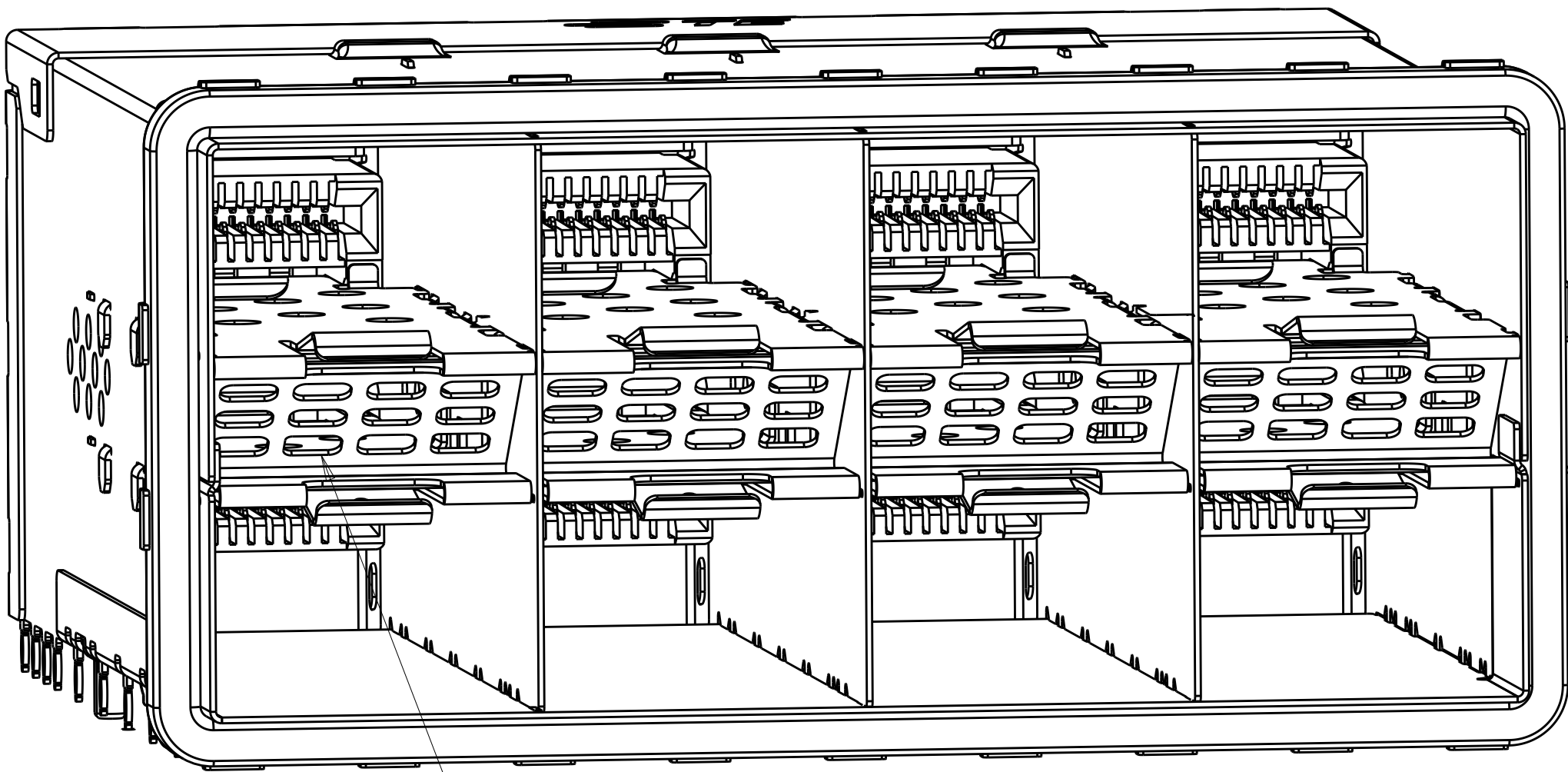
1. MATERIALS:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
CONNECTOR HOUSING SHIELD - COPPER ALLOY
CHICKLET - LCP, BLACK, UL 94V-O RATED
CHICKLET ALIGNMENT CLIP - PBT
CONTACT - COPPER ALLOY
EMI GASKET - ELASTOMERIC
GASKET FLANGE - STAINLESS STEEL
EMI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

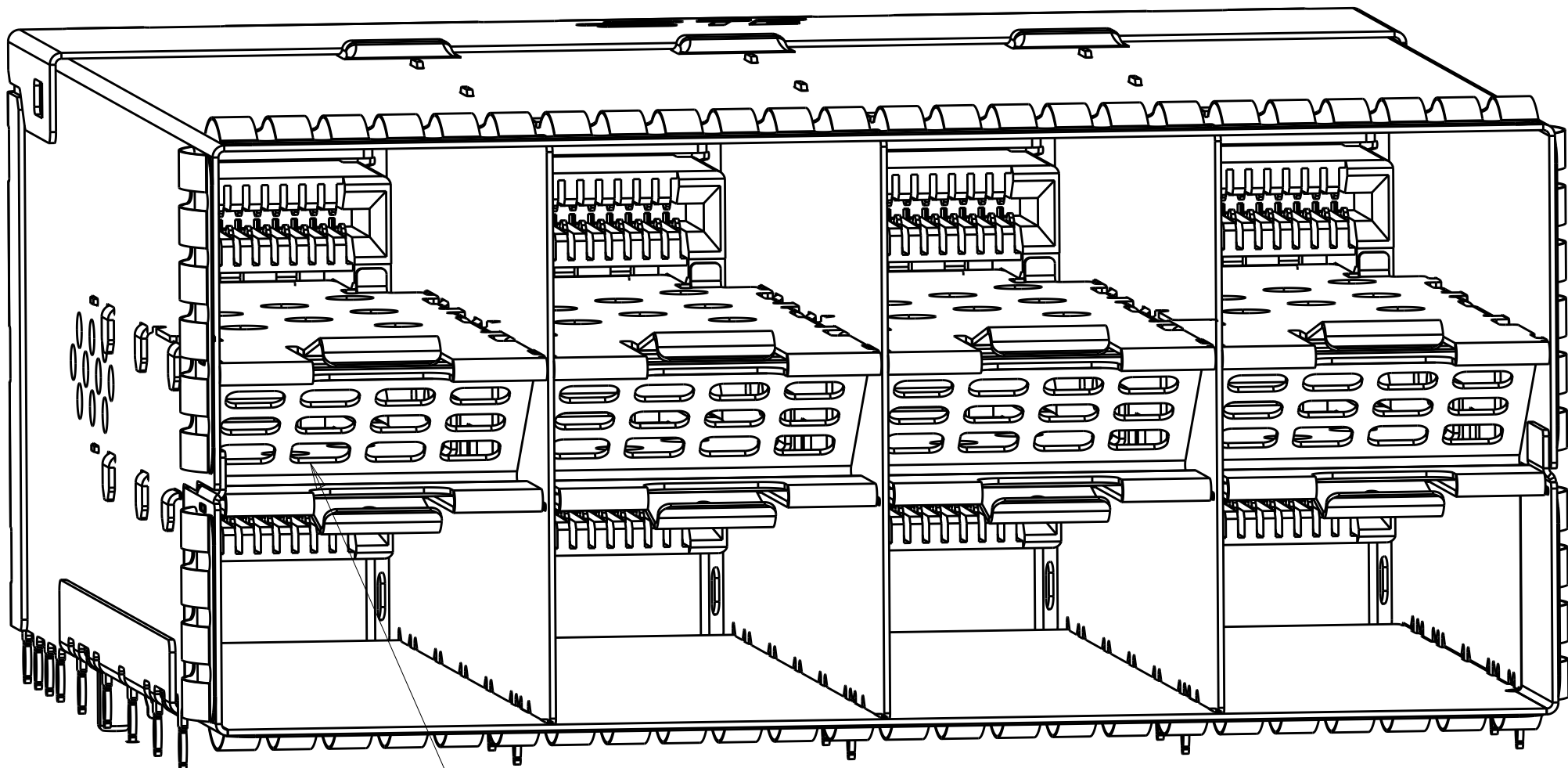
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 14SEP2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011		
mm		APVD M.D. MORRISON 25OCT2011	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
		PRODUCT SPEC	SIZE	
		108-2481	CAGE CODE	
MATERIAL SEE NOTES		APPLICATION SPEC	DRAWING NO	
		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	-	-	-

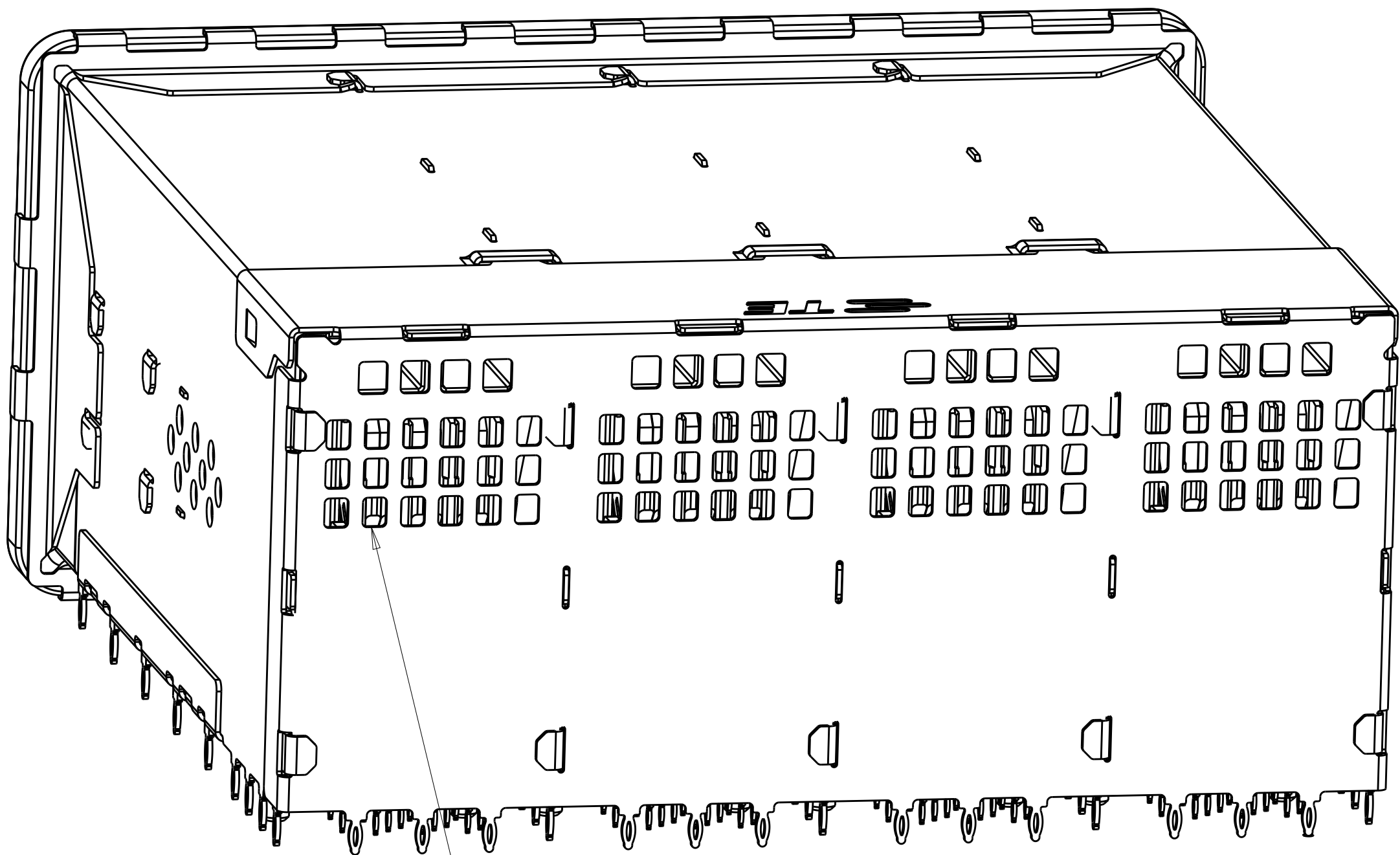
AIRFLOW ENHANCE W/O LP TYPE



AIR VENTS

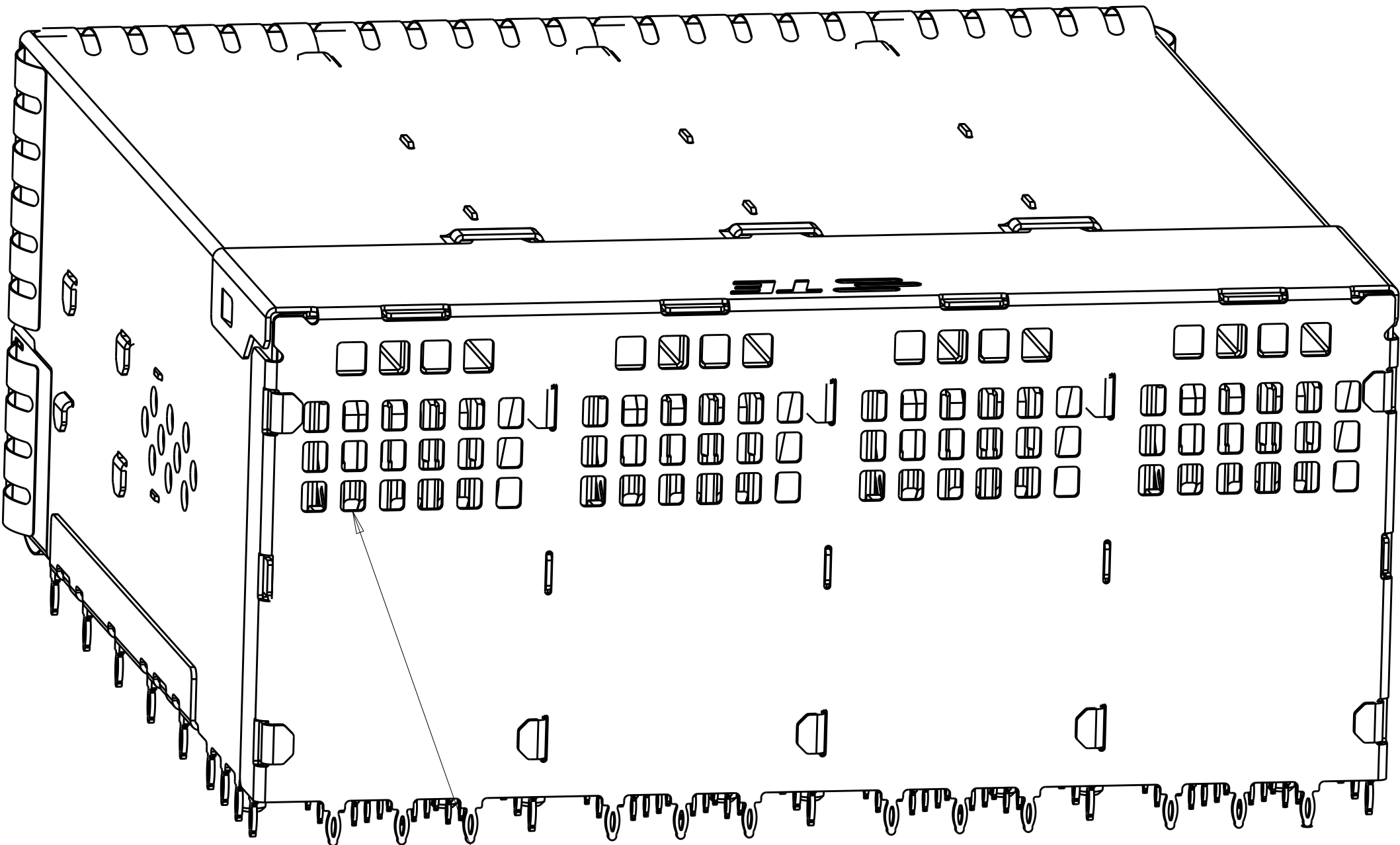


AIR VENTS



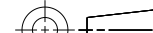
AIR VENTS

3-2180324-0
EMI GASKET TYPE



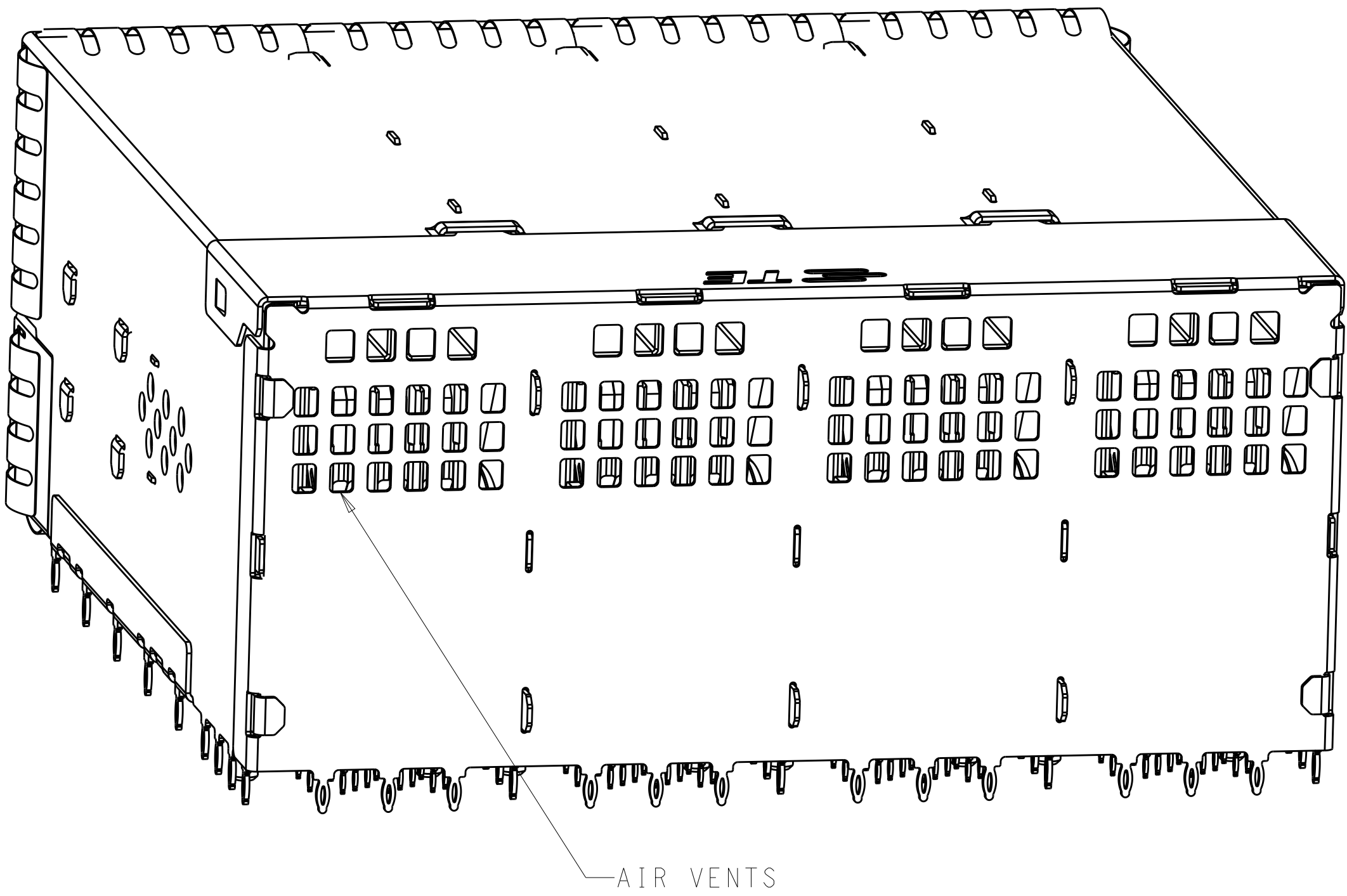
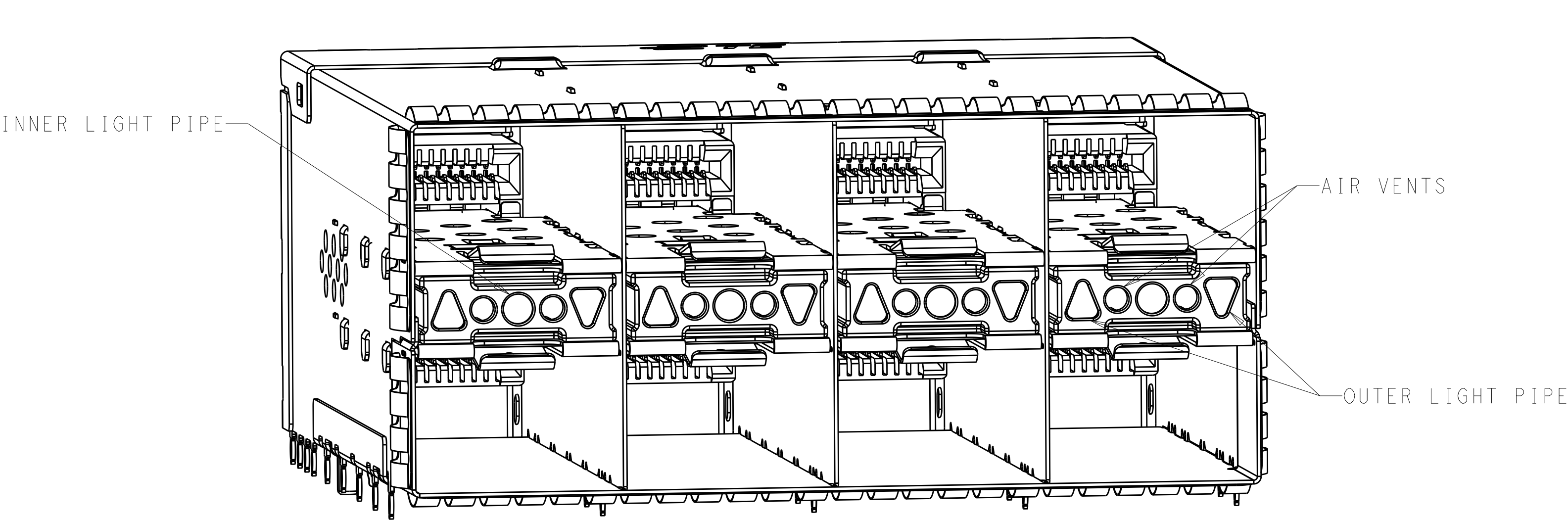
AIR VENTS

3-2180324-1
EMI SPRING TYPE

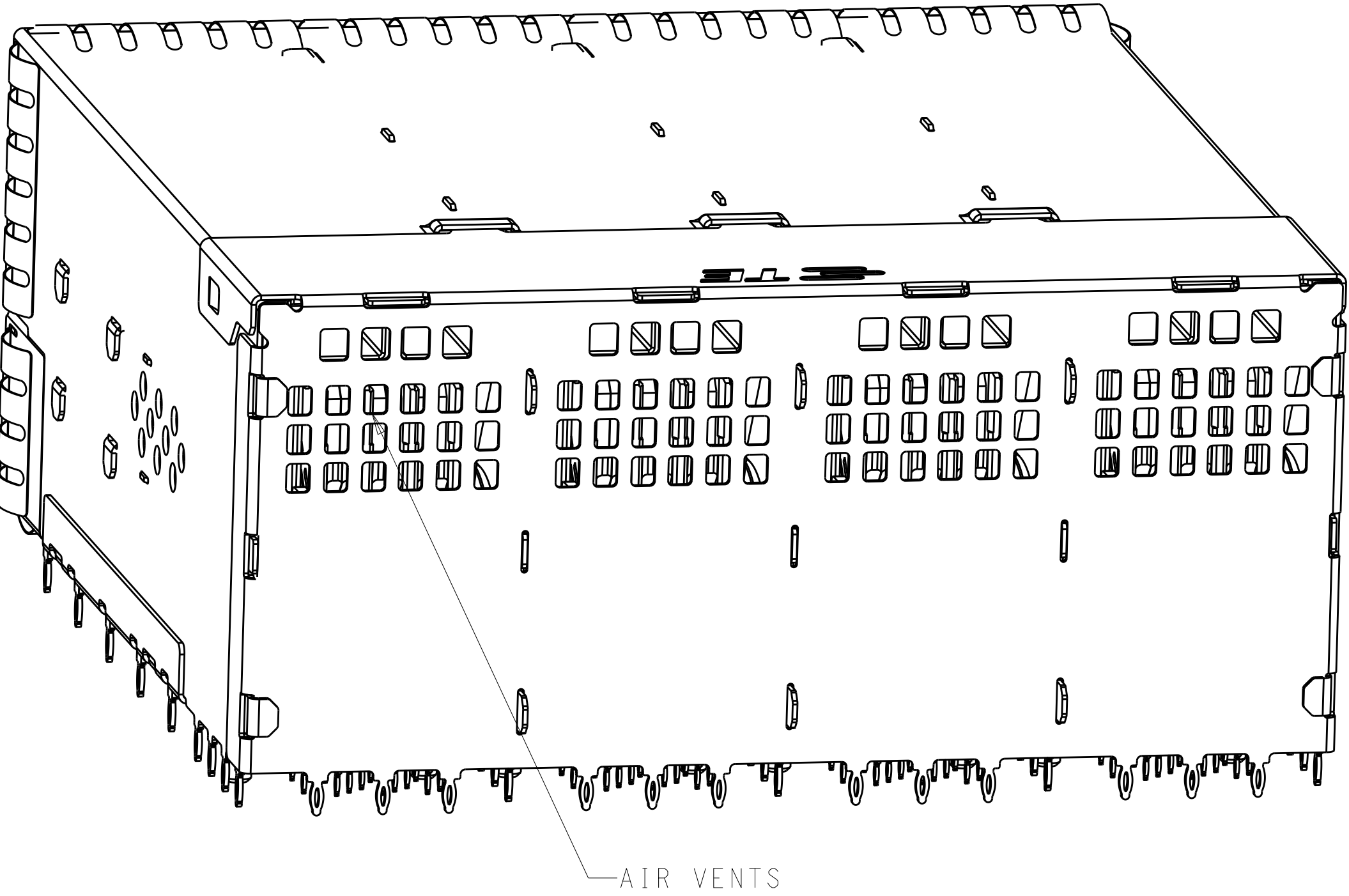
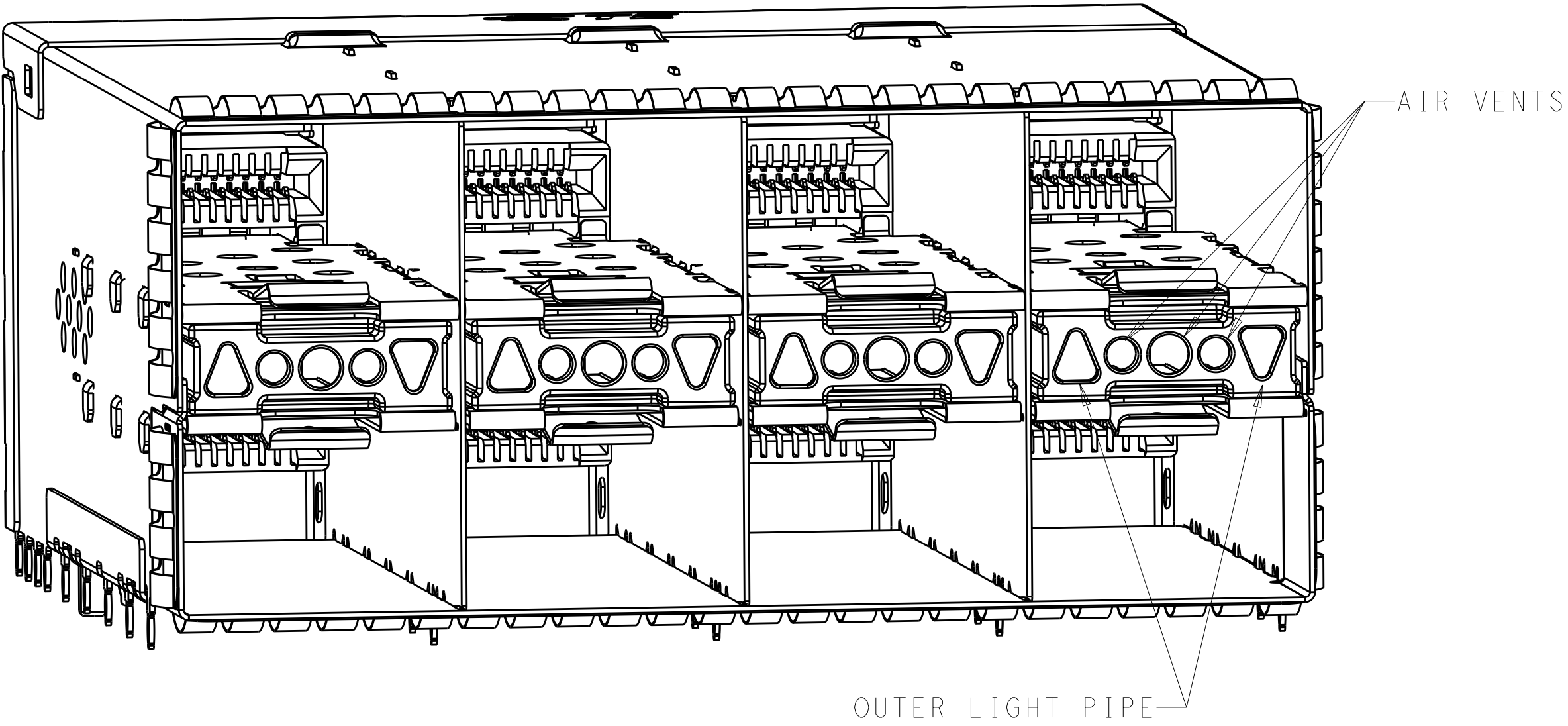
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 14SEP2011	 TE Connectivity							
DIMENSIONS:		CHK M.D. MORRISON 16SEP2011								
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME						
		0 PLC ±0.13								
		1 PLC ±0.13								
		2 PLC ±0.13								
		3 PLC ±0.13		RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+ -						
		4 PLC ±0.13								
		ANGLES ±0.13								
		FINISH								
MATERIAL		SEE NOTES	114-13319		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
			WEIGHT	-	A1	00779	C=2180324	-		
CUSTOMER DRAWING				SCALE	2:1	SHEET	2 OF 7	REV	C1	

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

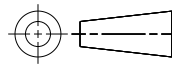
AIRFLOW ENHANCE W/ LP TYPE



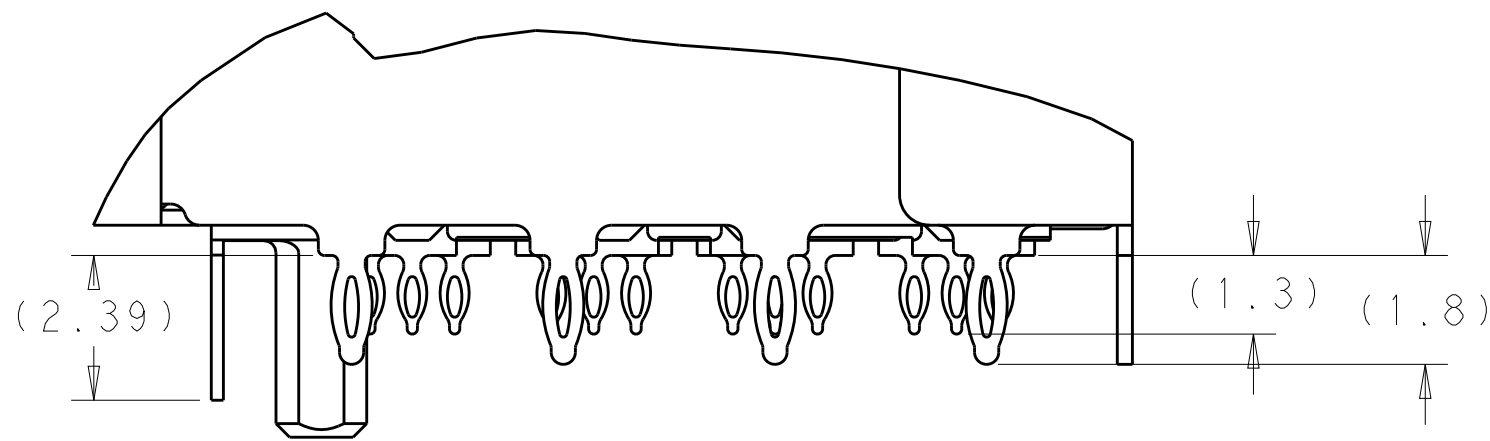
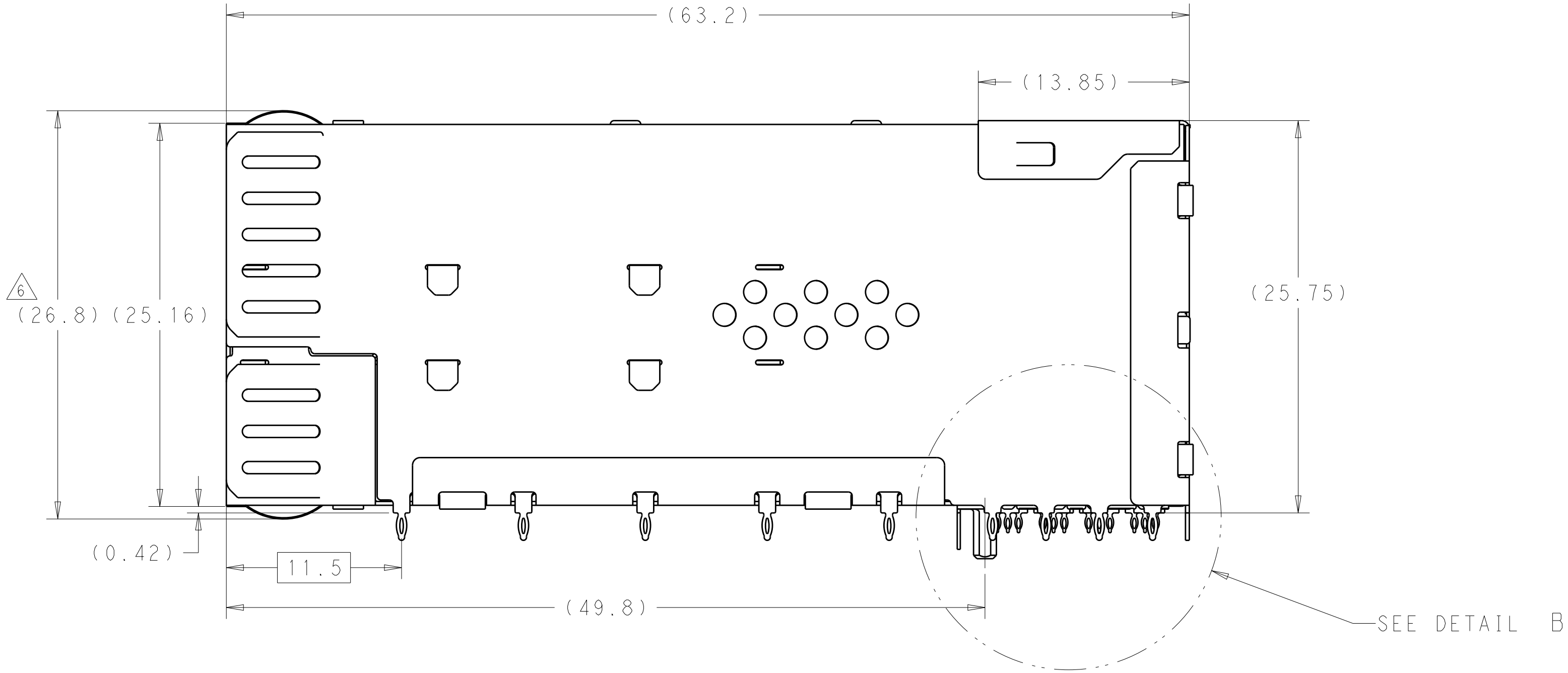
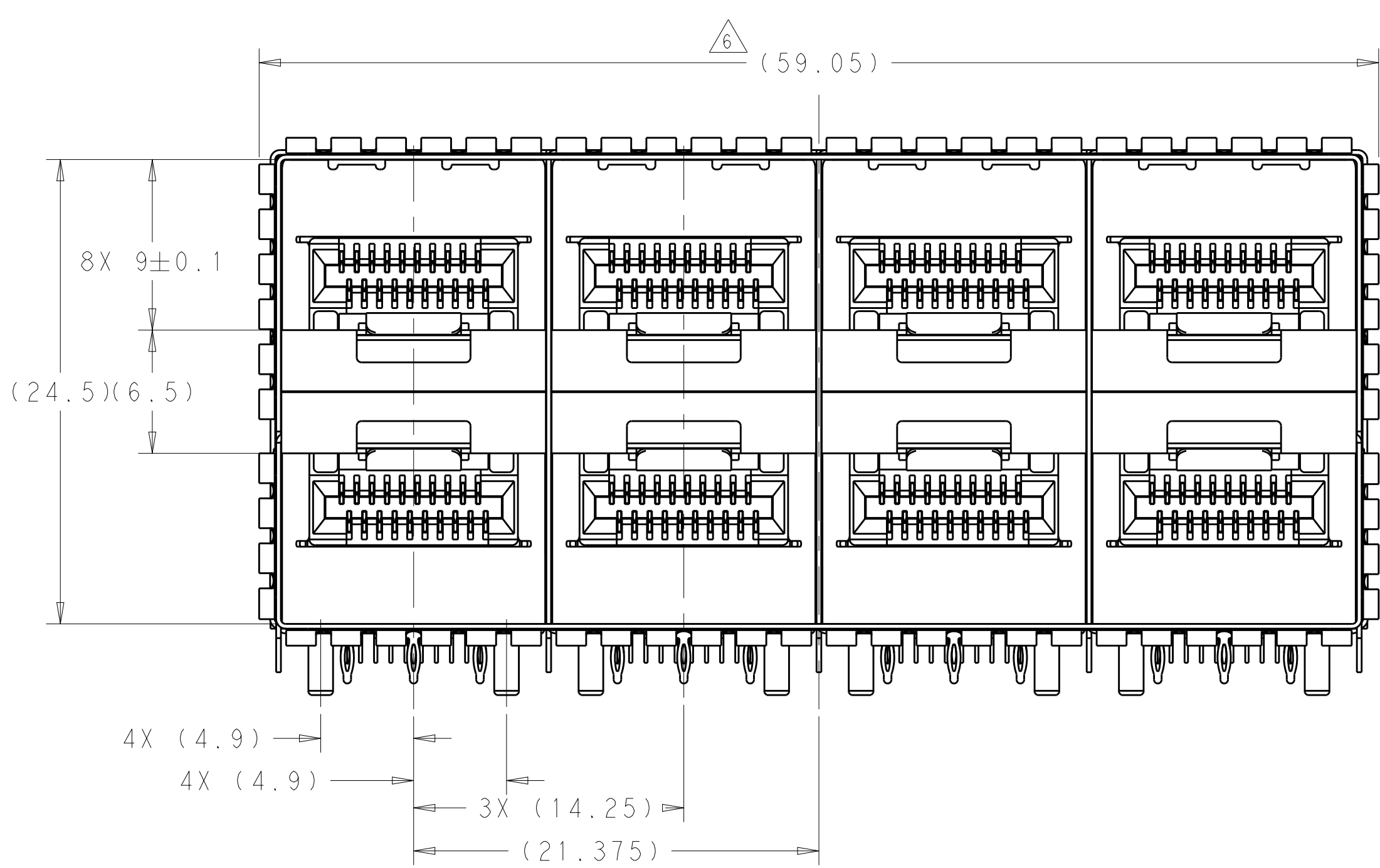
3-2180324-2
EMI SPRING W/ LP TYPE



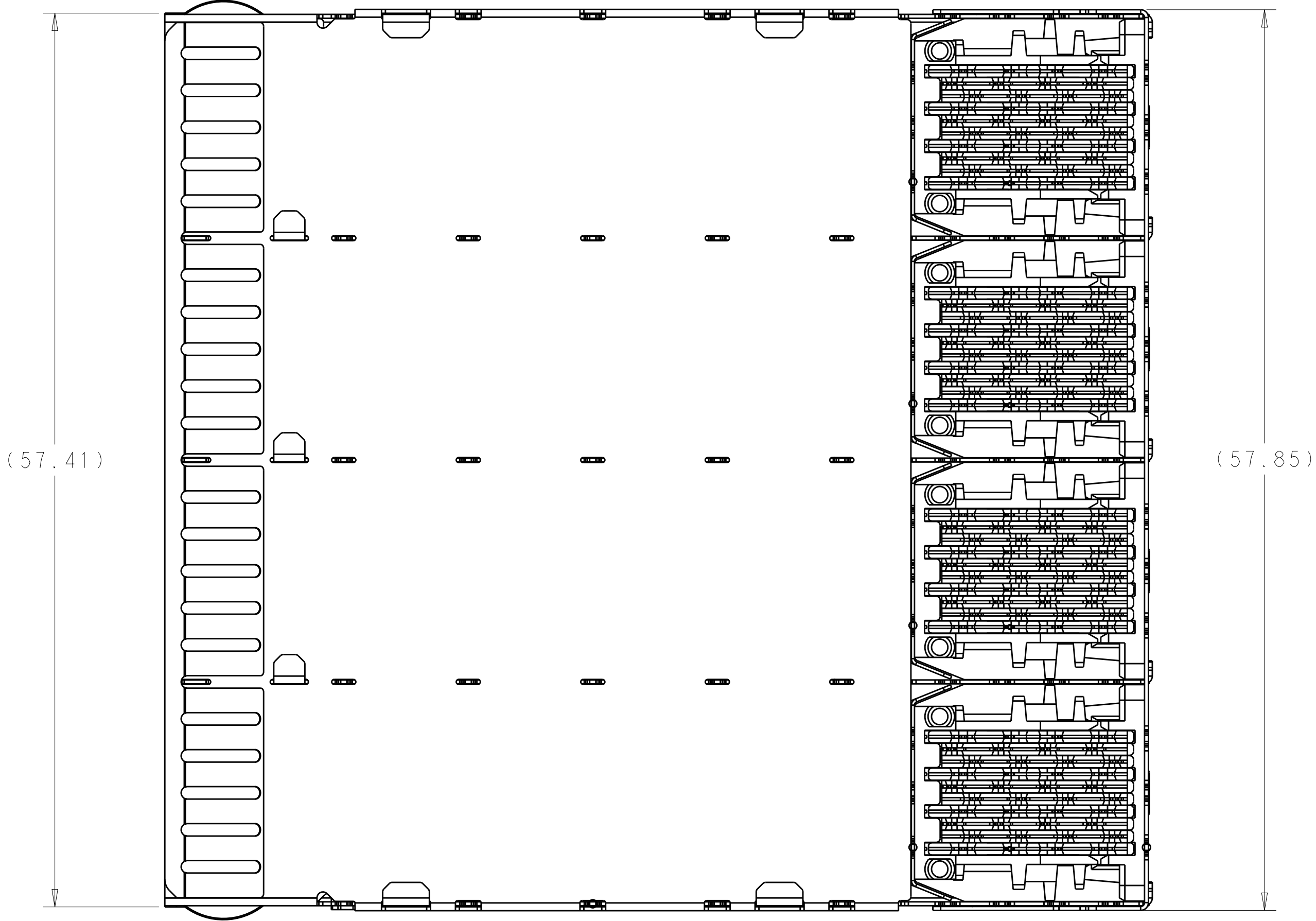
3-2180324-3
EMI SPRING W/ OUTER LP TYPE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONHER 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	-	-	-



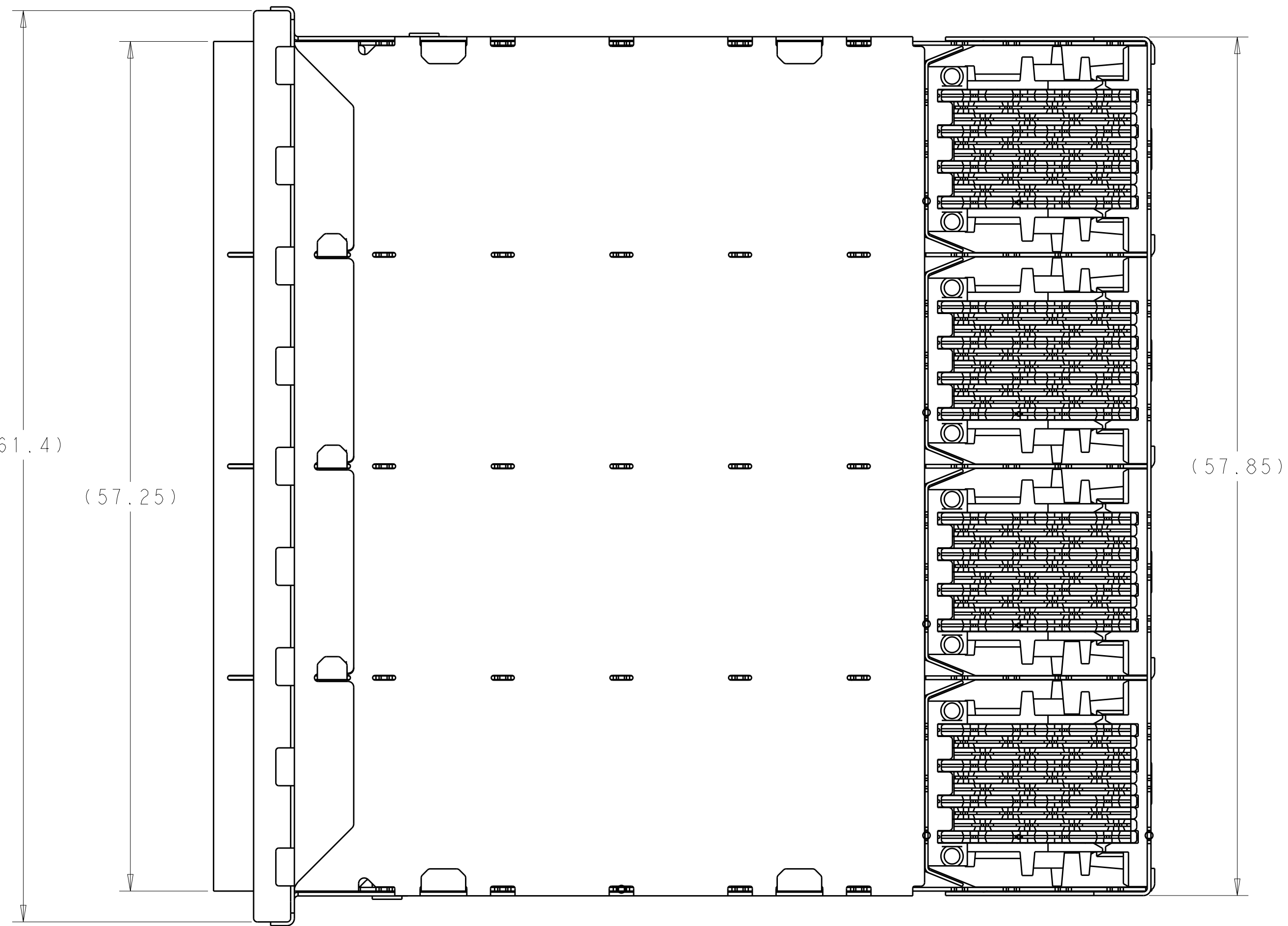
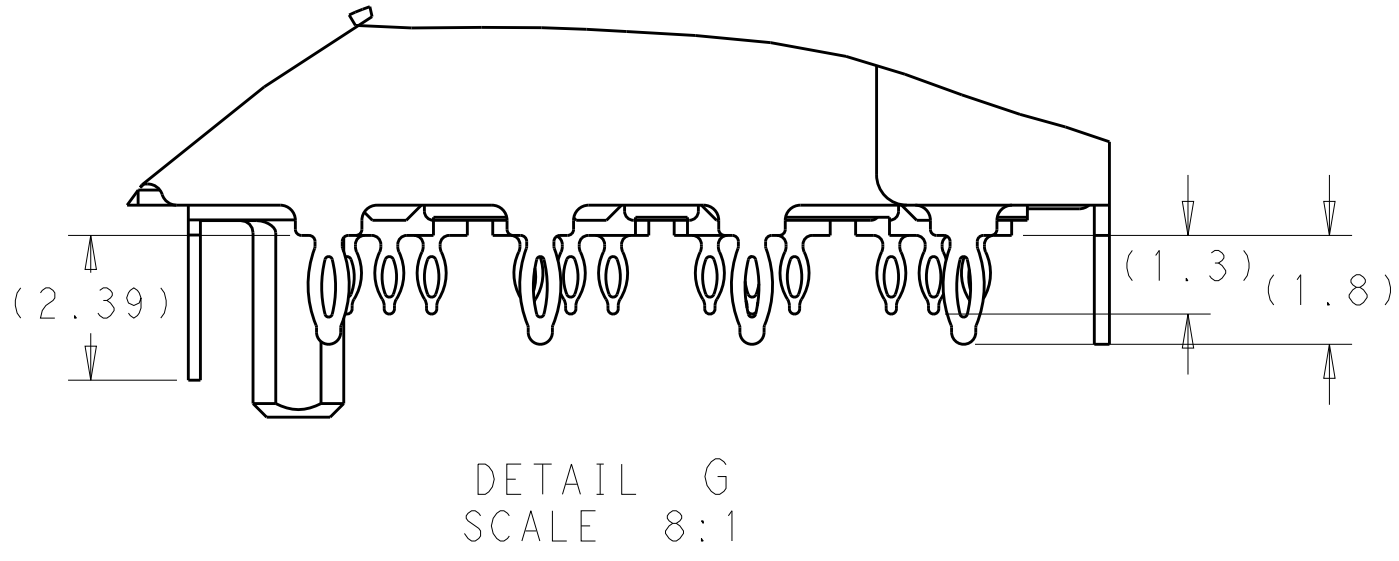
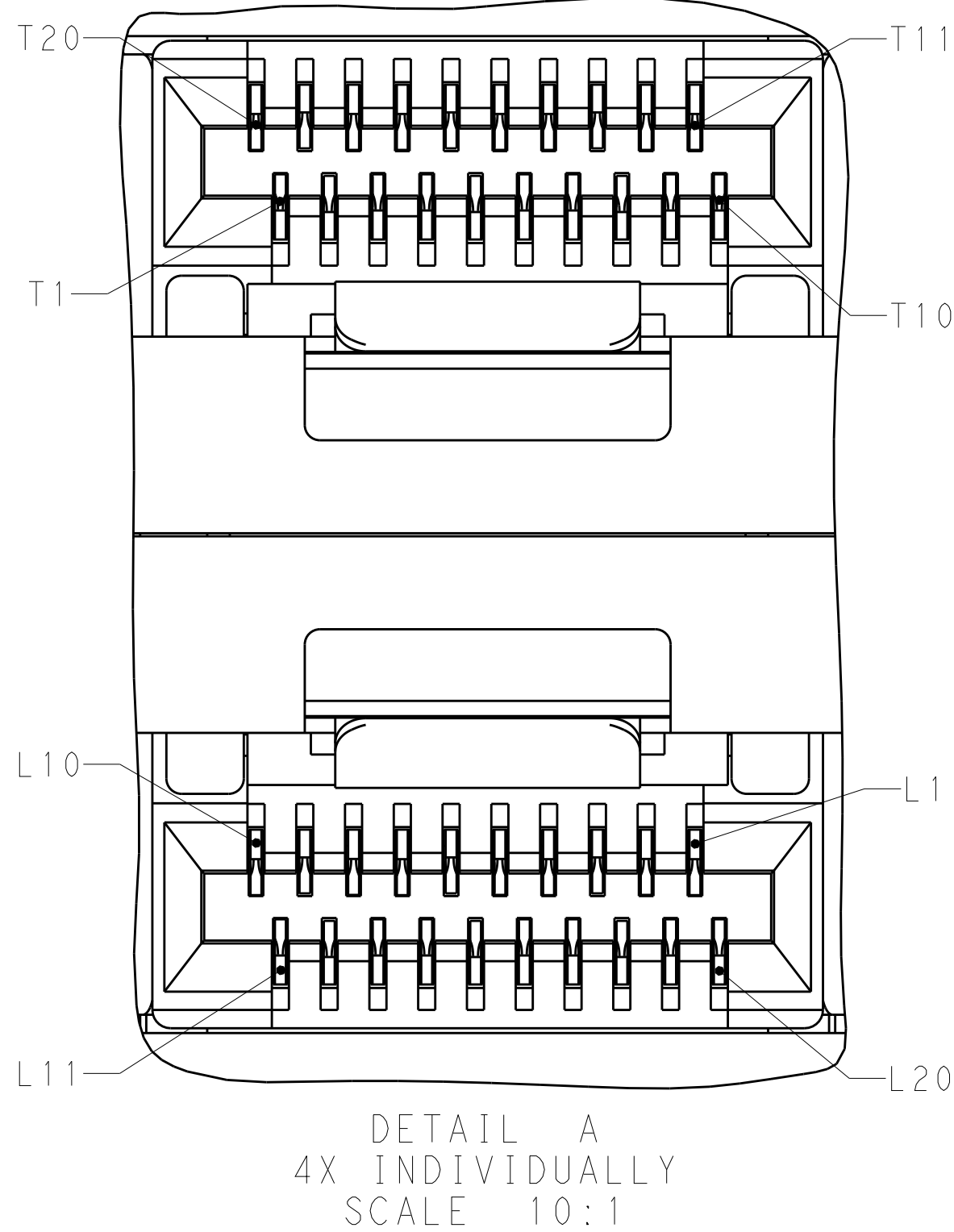
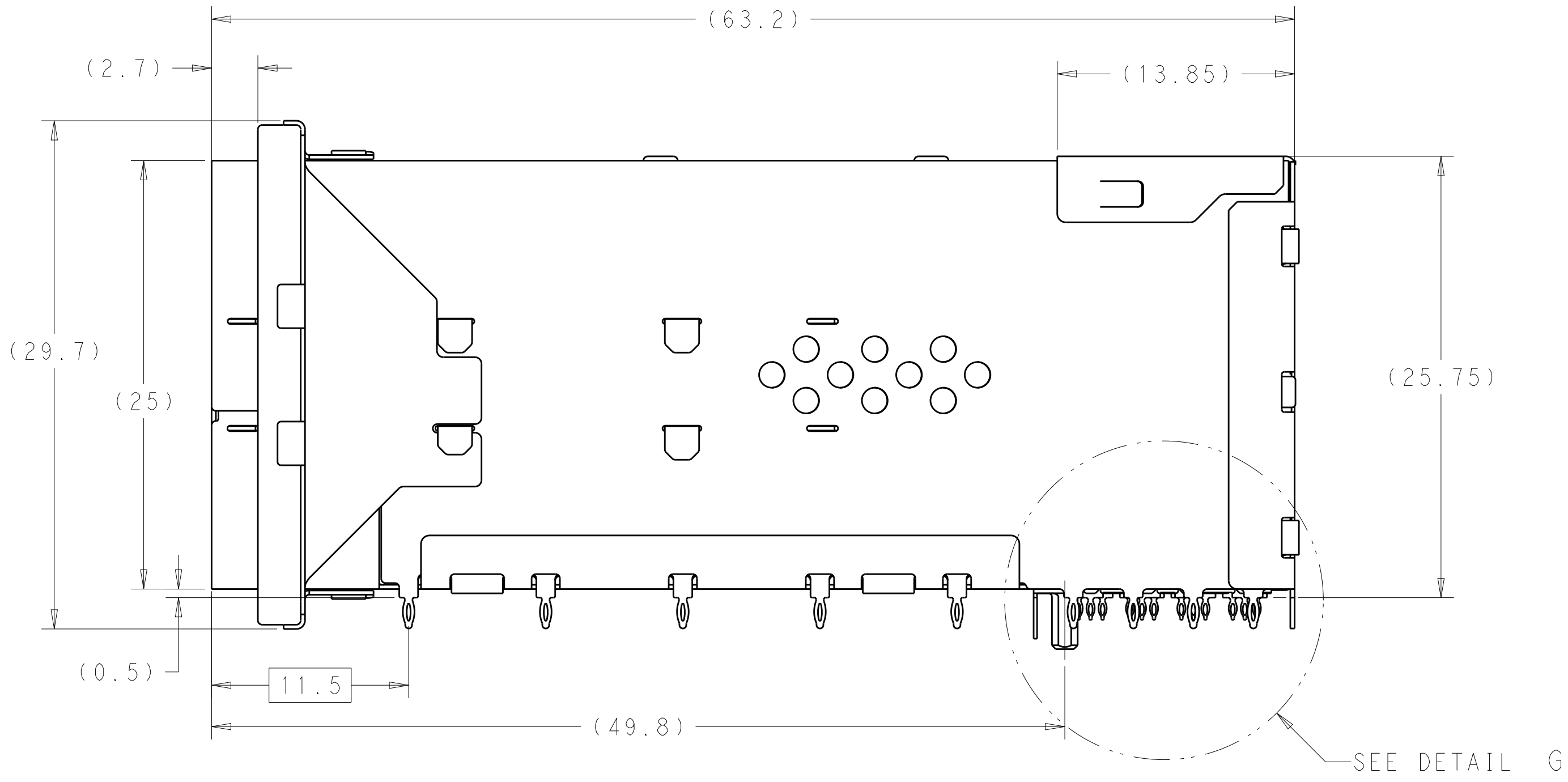
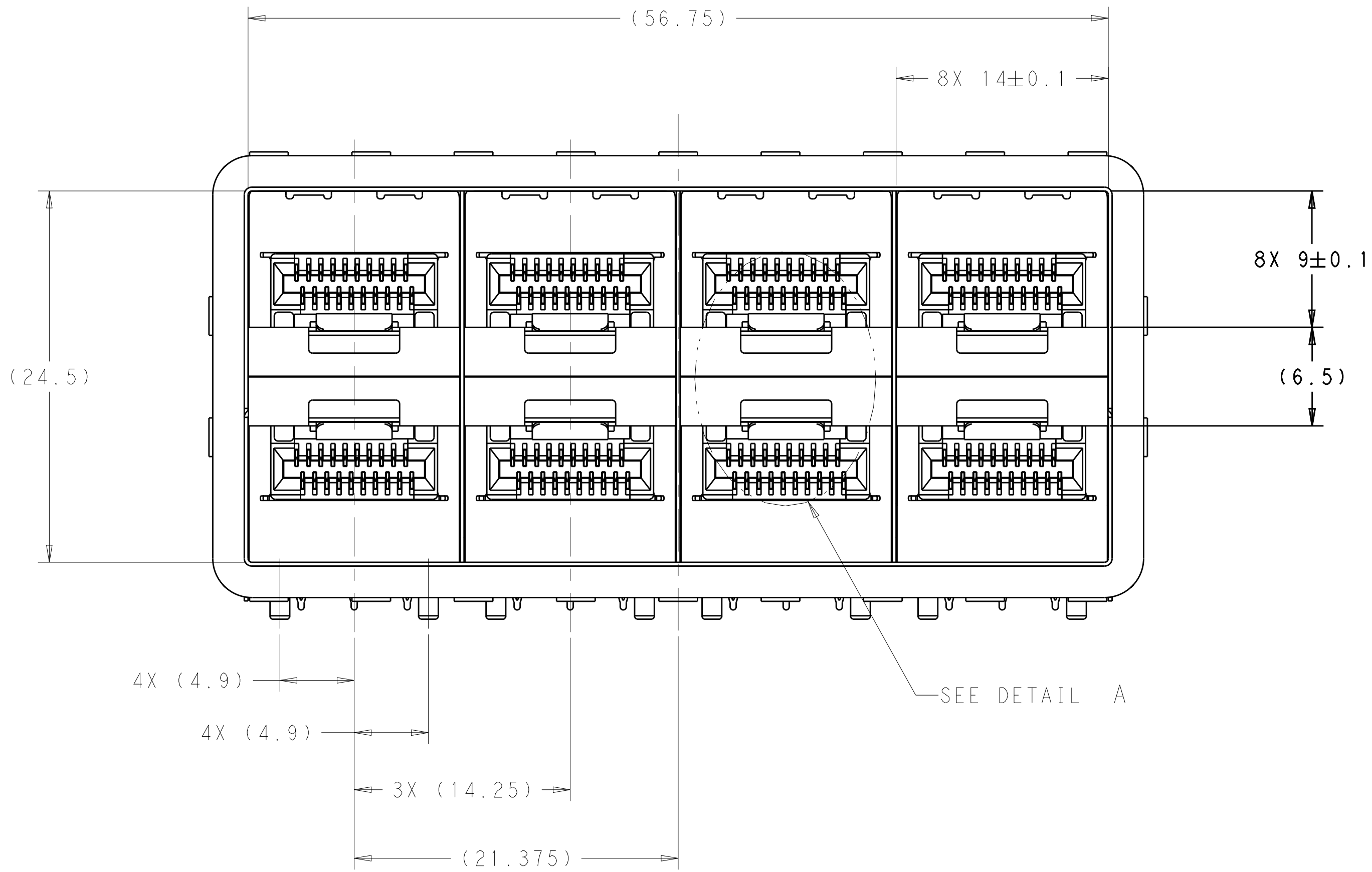
DETAIL B
SCALE 8:1



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	NAME RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
DIMENSIONS: mm		CHK M. D. MORRISON 16SEP2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. D. MORRISON 25OCT2011	SIZE A1	
0 PLC ±0.13		PRODUCT SPEC	CAGE CODE 2180324	
1 PLC ±0.13		108-2481	DRAWING NO	
2 PLC ±0.13		APPLICATION SPEC	RESTRICTED TO	
3 PLC ±0.13		114-13319	SCALE 2:1	
4 PLC ±0.13		WEIGHT	SHEET 4	
ANGLES ±0.13		CUSTOMER DRAWING	OF 7	
FINISH			REV C1	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M.E. CONWHER 14SEP2011
CHK M.D. MORRISON 16SEP2011
APVD M.D. MORRISON 25OCT2011

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.13
1 PLC ±0.13
2 PLC ±0.13
3 PLC ±0.13
4 PLC ±0.13
ANGLES ±0.13
FINISH

SEE NOTES

PRODUCT SPEC

108-2481

APPLICATION SPEC

114-13319

WEIGHT

CUSTOMER DRAWING

NAME

RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

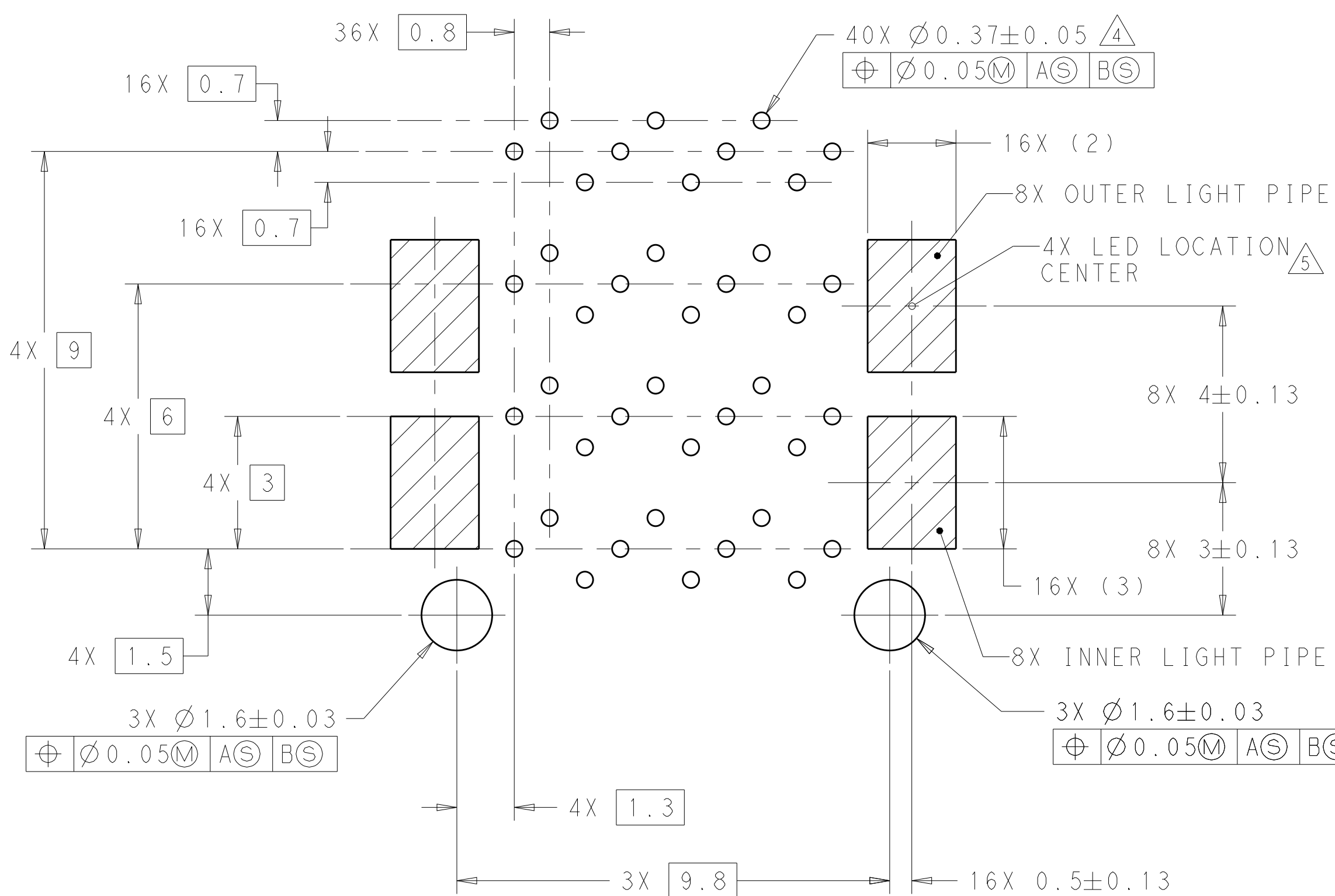
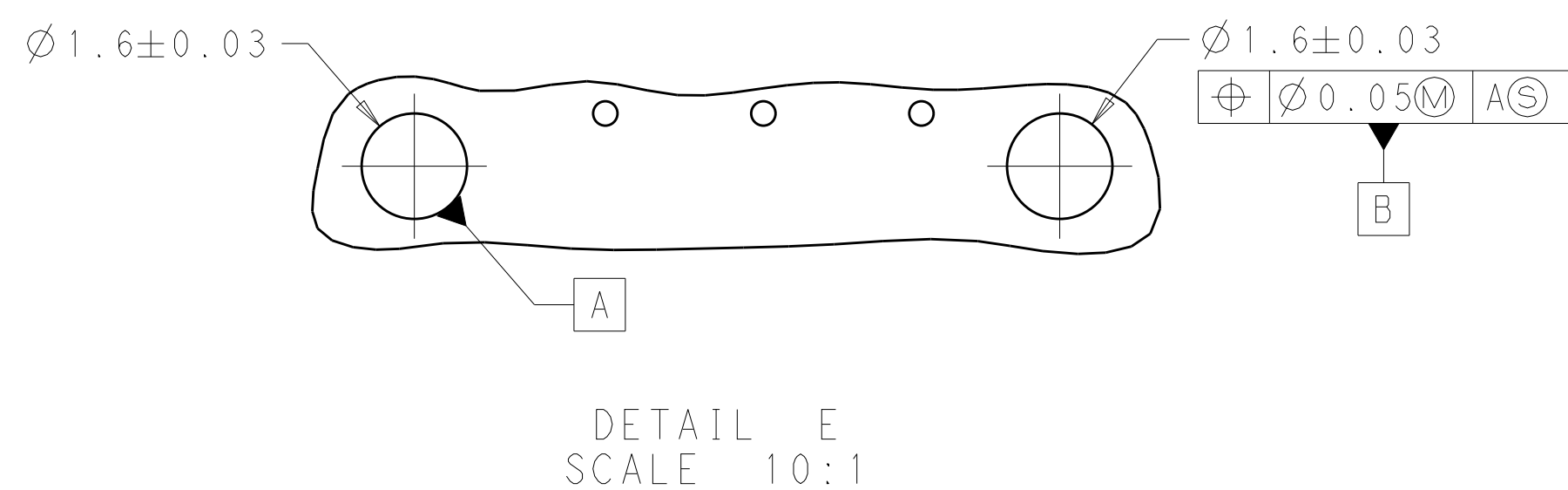
A100779

C=2180324

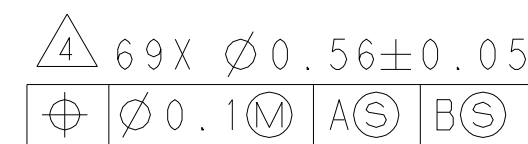
SCALE 2:1

SHEET 5 OF 7

REV C1



DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 10:1



RECOMMENDED PCB LAYOUT
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.						OWN M.F. COWHER		DATE 14SEP2011	
						CHK M.D. MORRISON		TE Connectivity	
DIMENSIONS:						TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm						FINISH M.D. MORRISON		RECEPTACLE ASSEMBLY, 2X4, STACKED, zSFP+	
						PRODUCT SPEC 108-2481			
						APPLICATION SPEC 114-13319			
MATERIAL						WEIGHT		SIZE CAGE CODE DRAWING NO	
SEE NOTES						-		A100779C=2180324	
FINISH						CUSTOMER DRAWING		RESTRICTED TO	
SEE NOTES								SCALE 2:1 SHEET 6 OF 7 REV C	

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

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

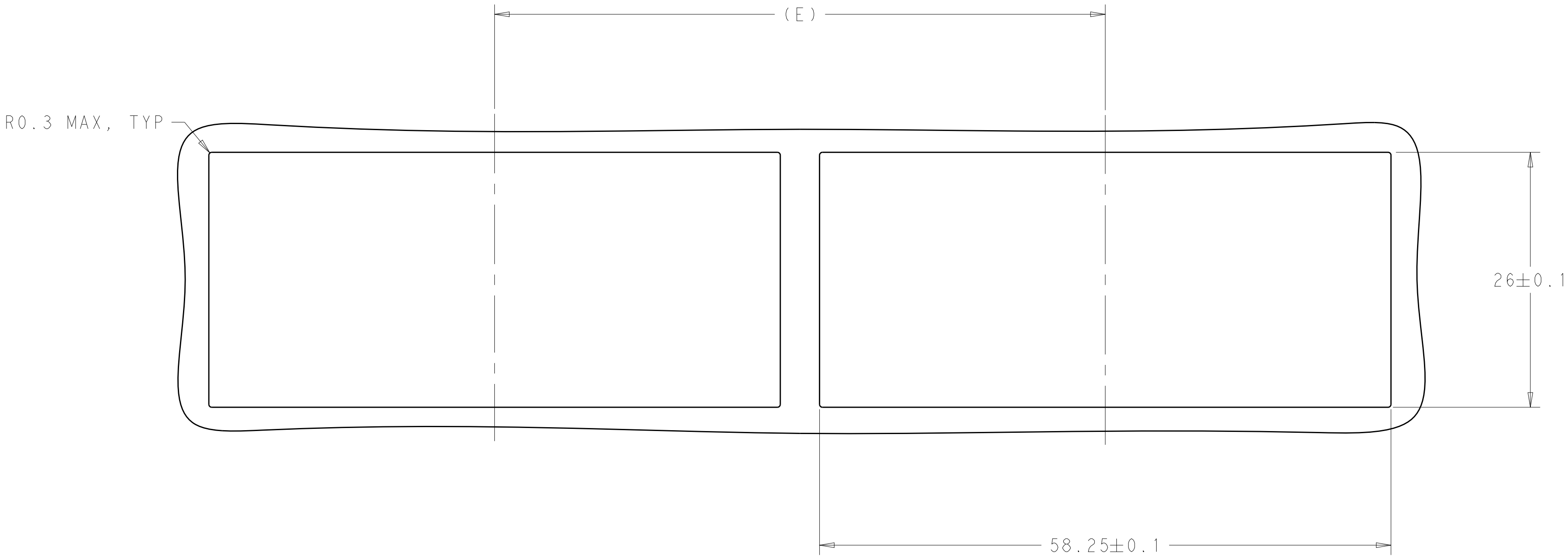
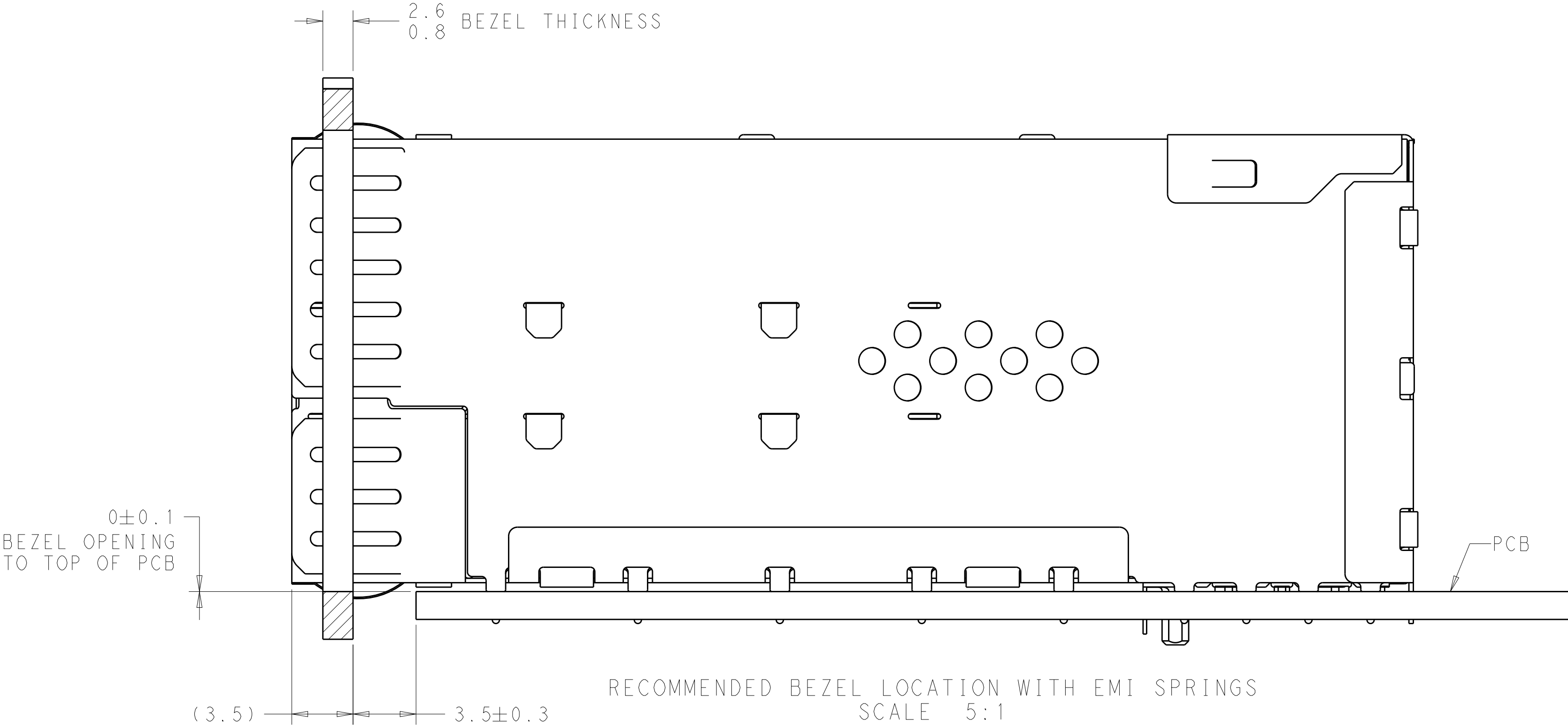
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

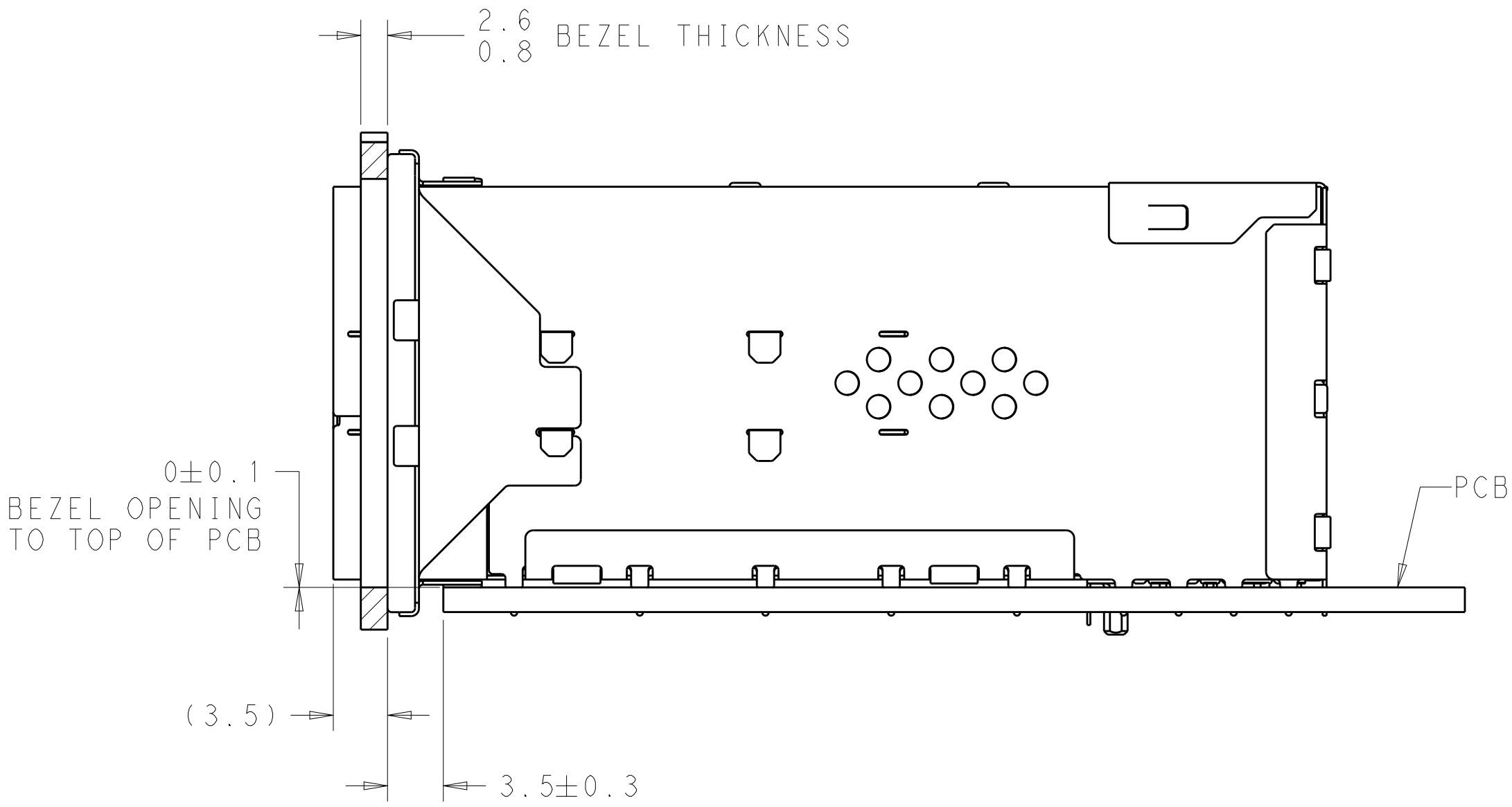
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

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	
	1 PLC	±0.13	APPLICATION SPEC	
	2 PLC	±0.13	108-2481	
MATERIAL		FINISH	SIZE	
SEE NOTES		SEE NOTES	A100779C=2180324	
			CUSTOMER DRAWING	
			SCALE 2:1 SHEET 7 OF 7 REV C1	

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