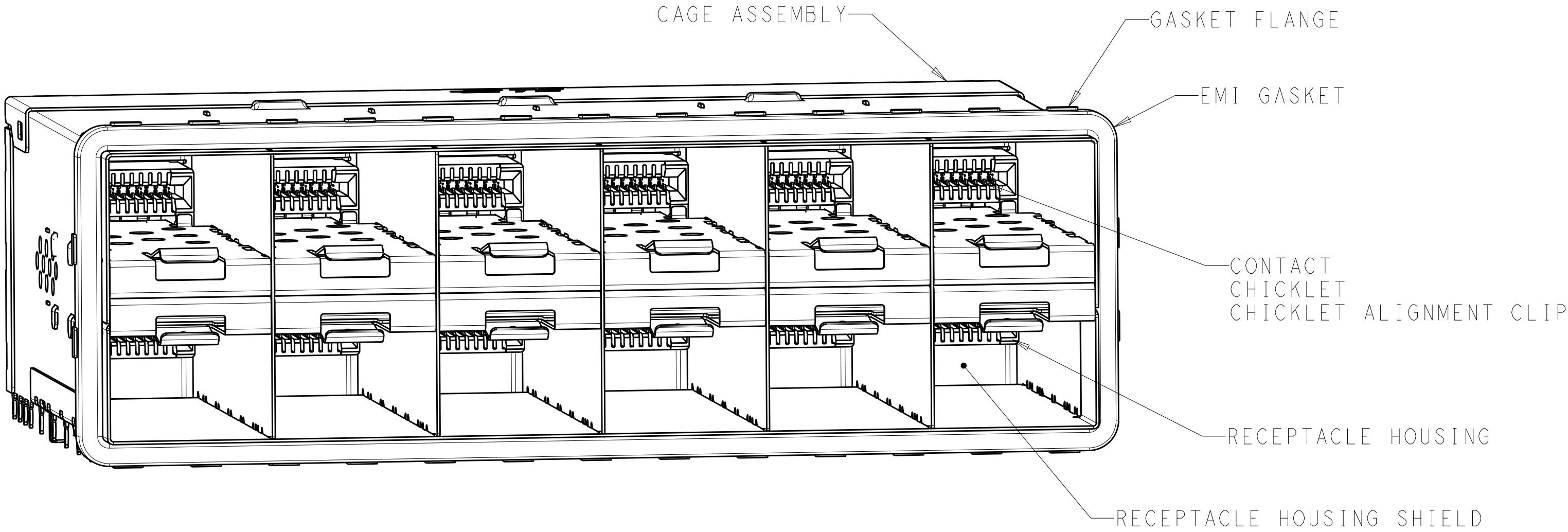
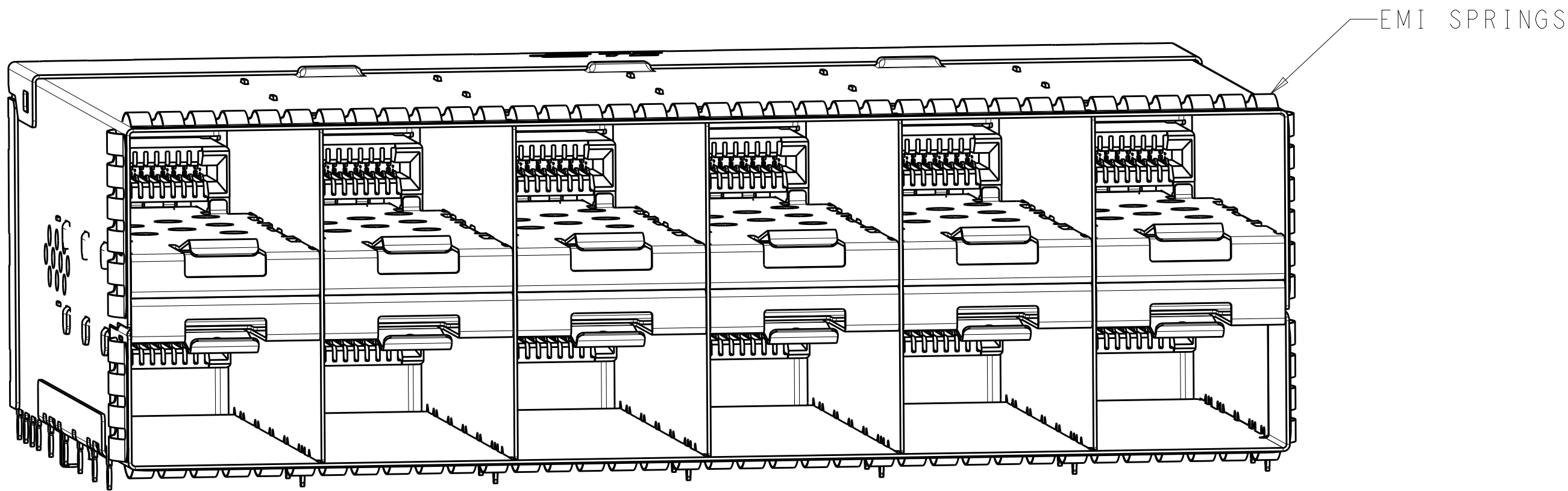


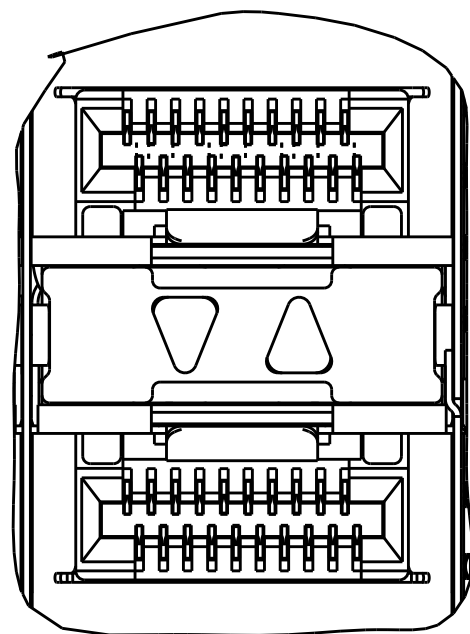
LOC	DIST	REVISIONS						
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASED PER ECO-14-008758	16JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	
			B1	REVISED PER ECO-16-004263	17MAR2016	KQ	SH	
			B2	REVISED PER ECO-16-013988	05SEP2016	PP	SH	



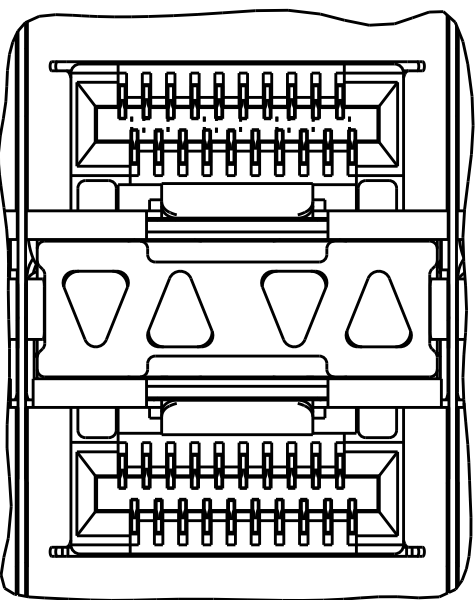
2198339-1
SCALE 3:1



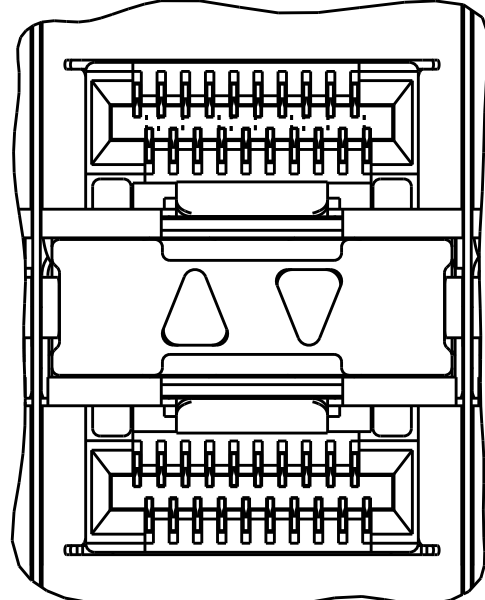
2198339-5
SCALE 3:1



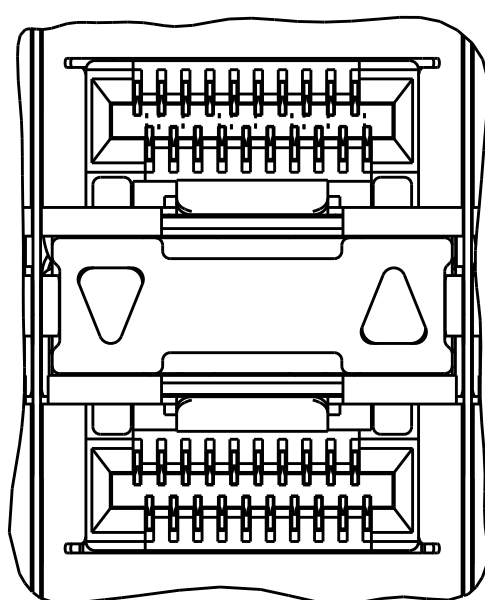
REVERSED INNER LIGHT PIPES
2-2198339-1
SCALE 4:1



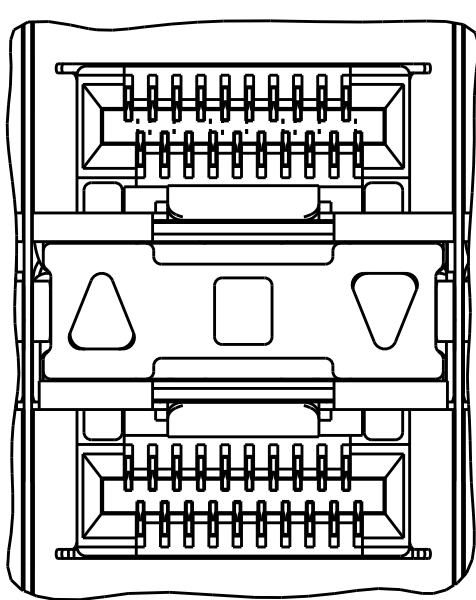
INNER/OUTER LIGHT PIPES
2198339-2, 2198339-6
SCALE 4:1



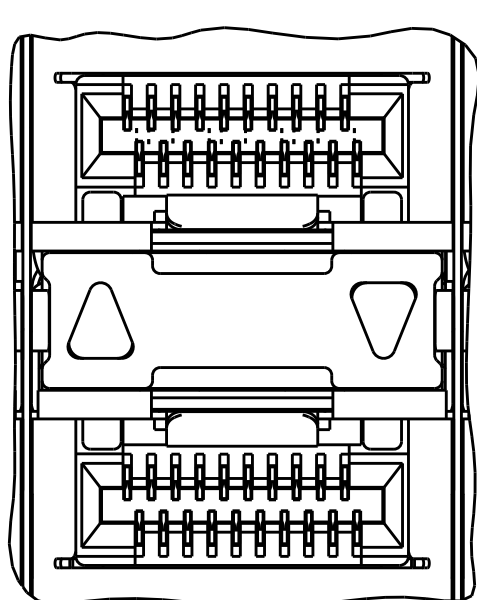
INNER LIGHT PIPES
2198339-3, 2198339-7
SCALE 4:1



OUTER LIGHT PIPES
2198339-4, 2198339-8
SCALE 4:1



CENTER/REVERSED OUTER
1-2198339-7, 1-2198339-9
SCALE 4:1



REVERSED OUTER
1-2198339-8, 2-2198339-0
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

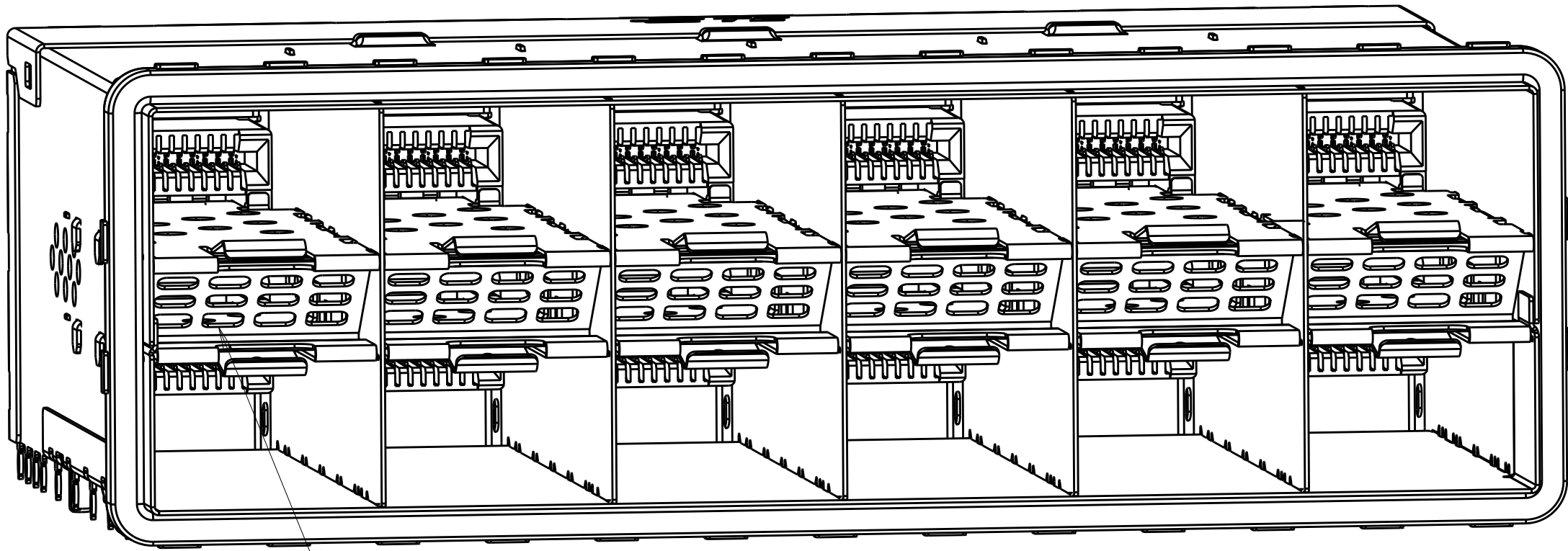
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

88	EMI SPRING AIRFLOW ENHANCE TYPE	NONE	3-2198339-1
90.75	EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2198339-0
88	EMI SPRINGS	REVERSED INNER	2-2198339-1
		REVERSED OUTER	2-2198339-0
		CENTER/REVERSED OUTER	1-2198339-9
90.75	EMI GASKET	REVERSED OUTER	1-2198339-8
		CENTER/REVERSED OUTER	1-2198339-7
88	EMI SPRINGS	OUTER	2198339-8
		INNER	2198339-7
		INNER/OUTER	2198339-6
		NONE	2198339-5
90.75	EMI GASKET	OUTER	2198339-4
		INNER	2198339-3
		INNER/OUTER	2198339-2
		NONE	2198339-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

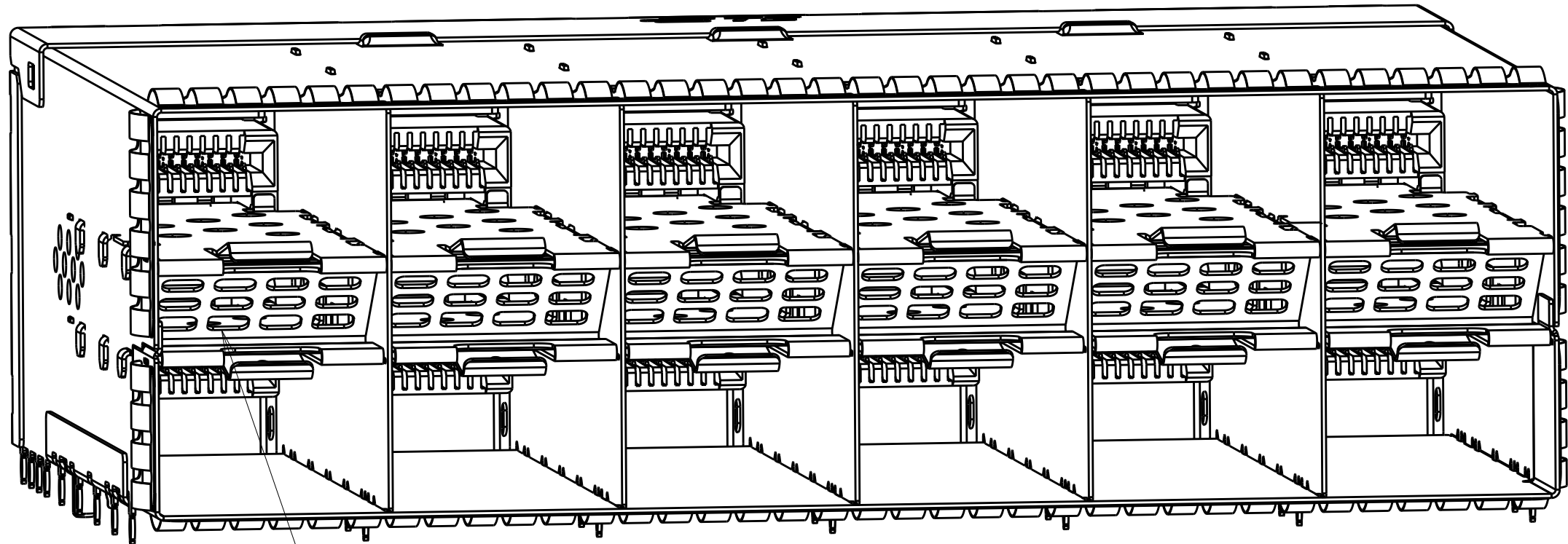
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 07DEC2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY ,2X6 STACKED, zSFP+	
	0 PLC	±	PRODUCT SPEC	
	1 PLC	±0.20	108-2481	
	2 PLC	±0.15	APPLICATION SPEC	
	3 PLC	±0.10	114-13319	
MATERIAL SEE NOTES	4 PLC	±	WEIGHT	
	ANGLES	±4°	CUSTOMER DRAWING	
FINISH SEE NOTES		SCALE 1:1		SHEET 1 OF 6
		REV B2		

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

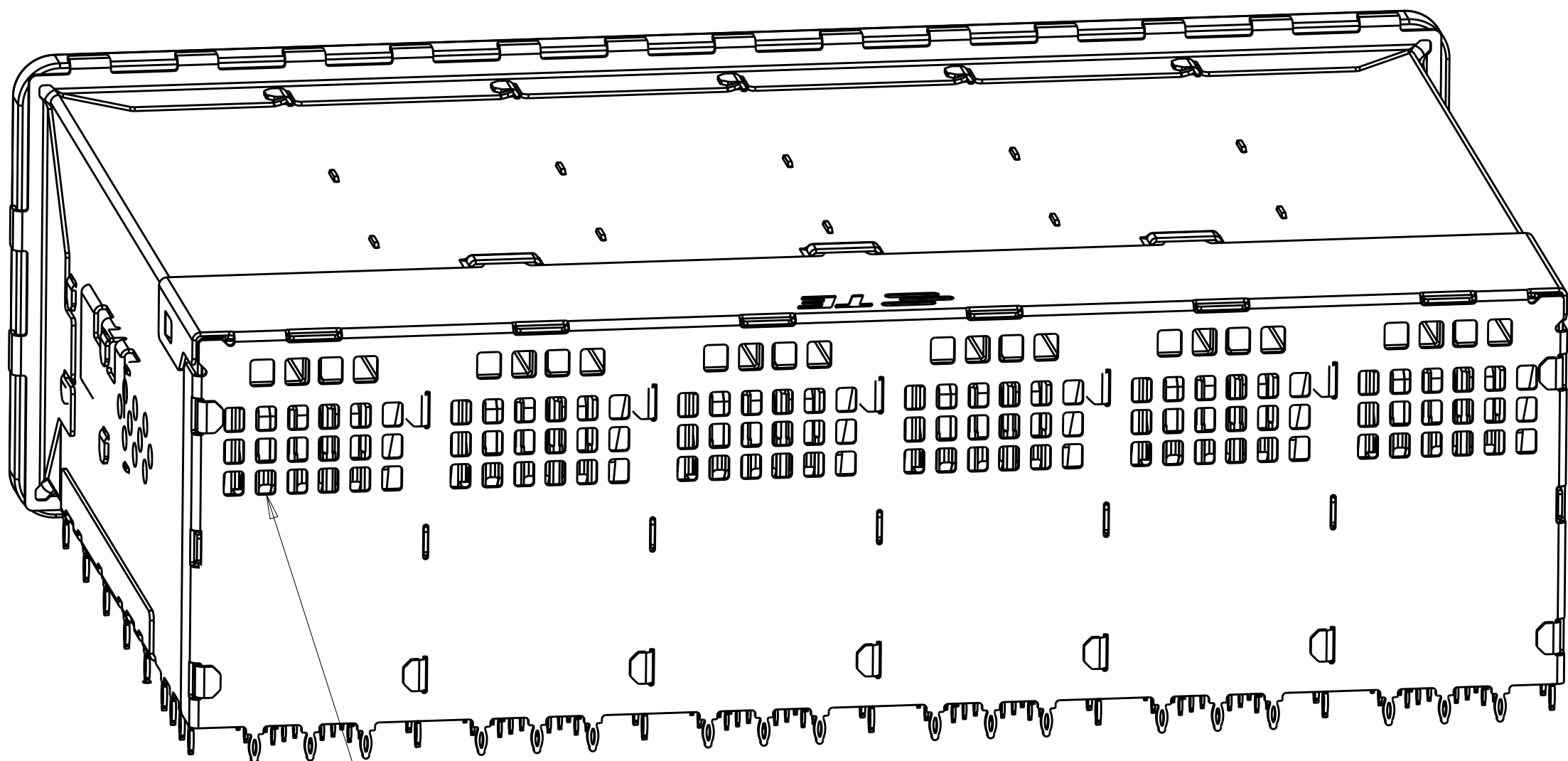
AIRFOLW ENHANCE TYPE



AIR VENTS

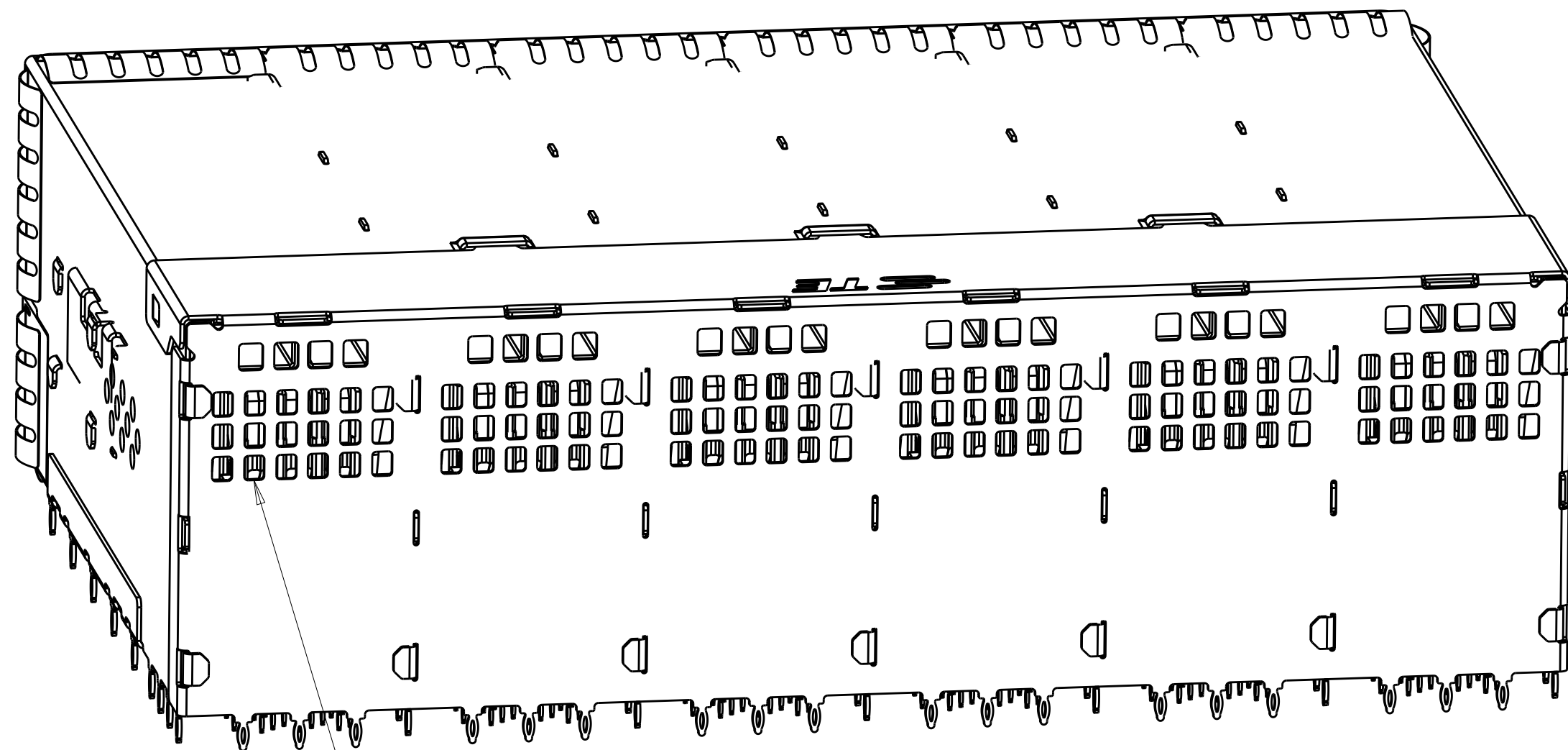


AIR VENTS



AIR VENTS

3-2198339-0
EMI GASKET TYPE

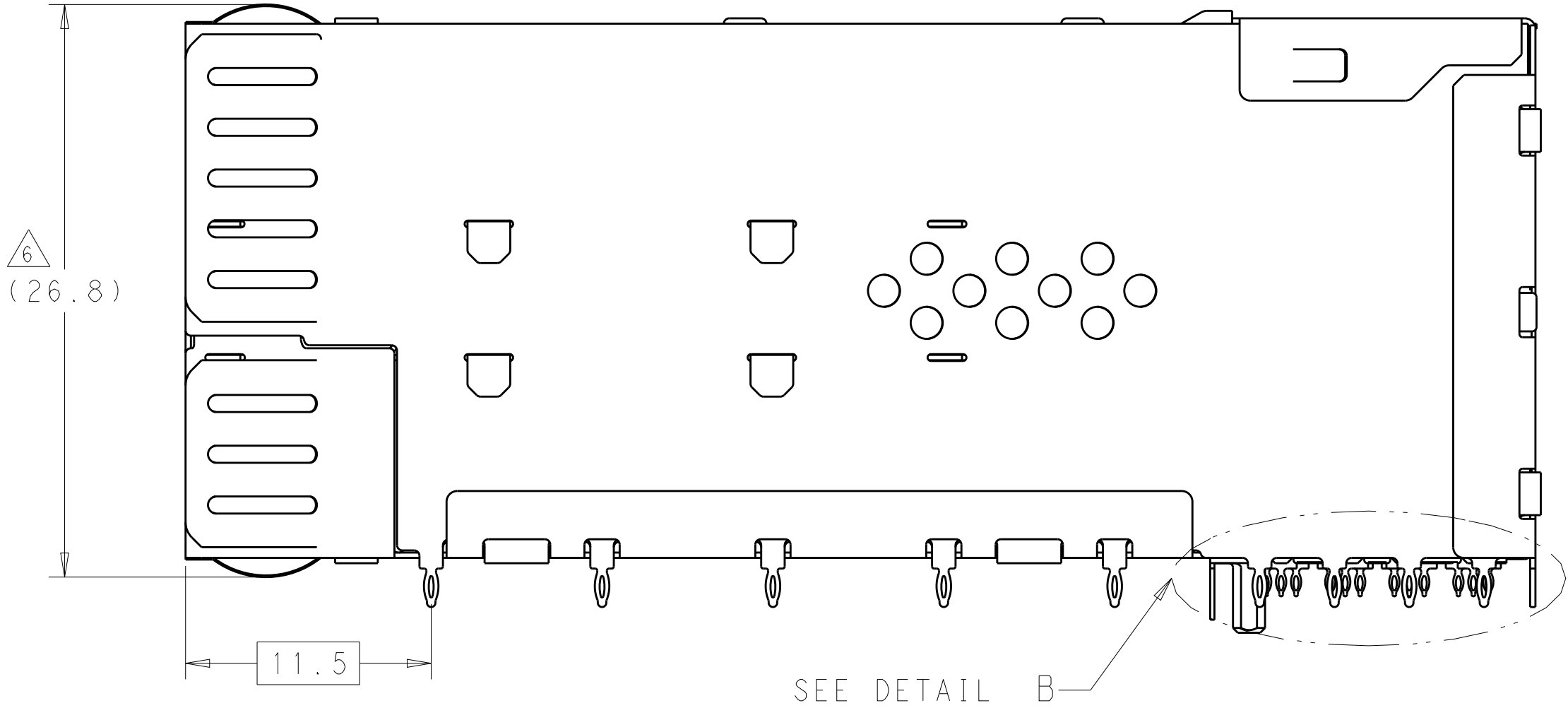
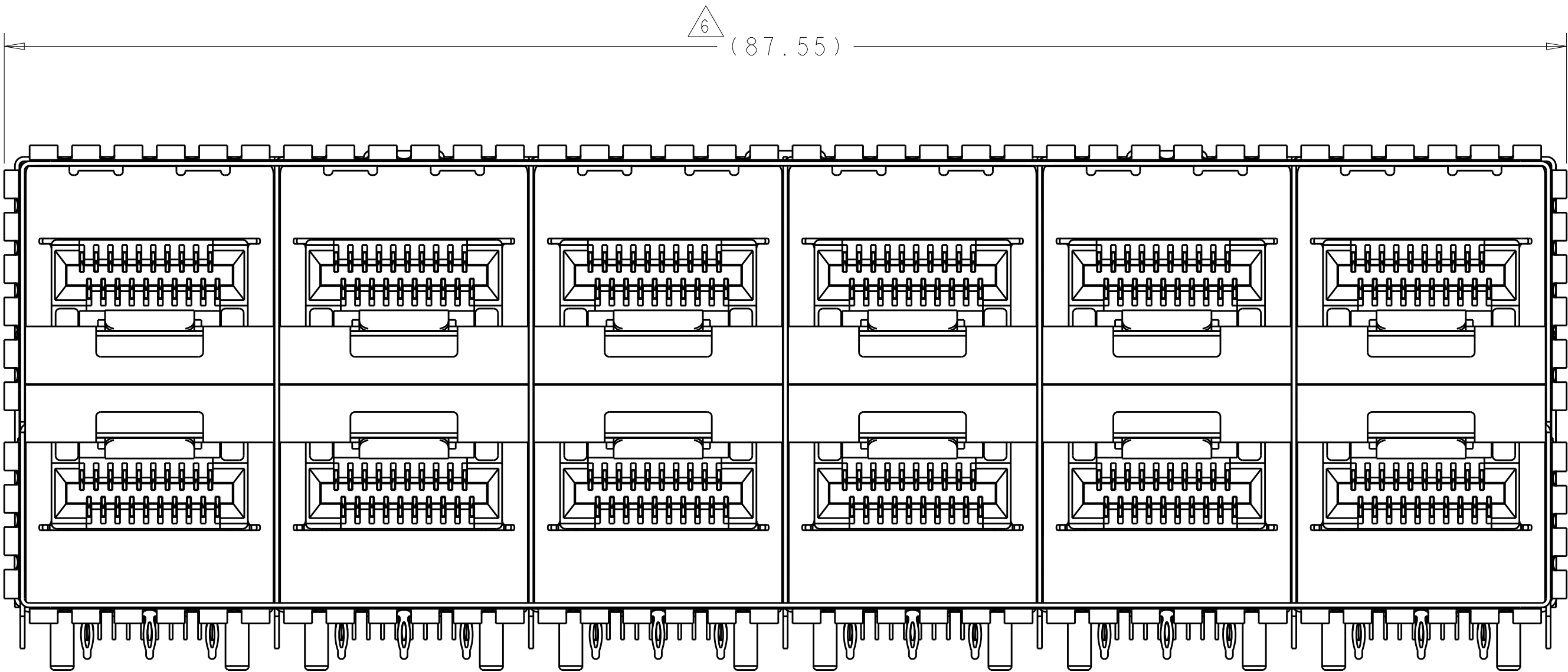


AIR VENTS

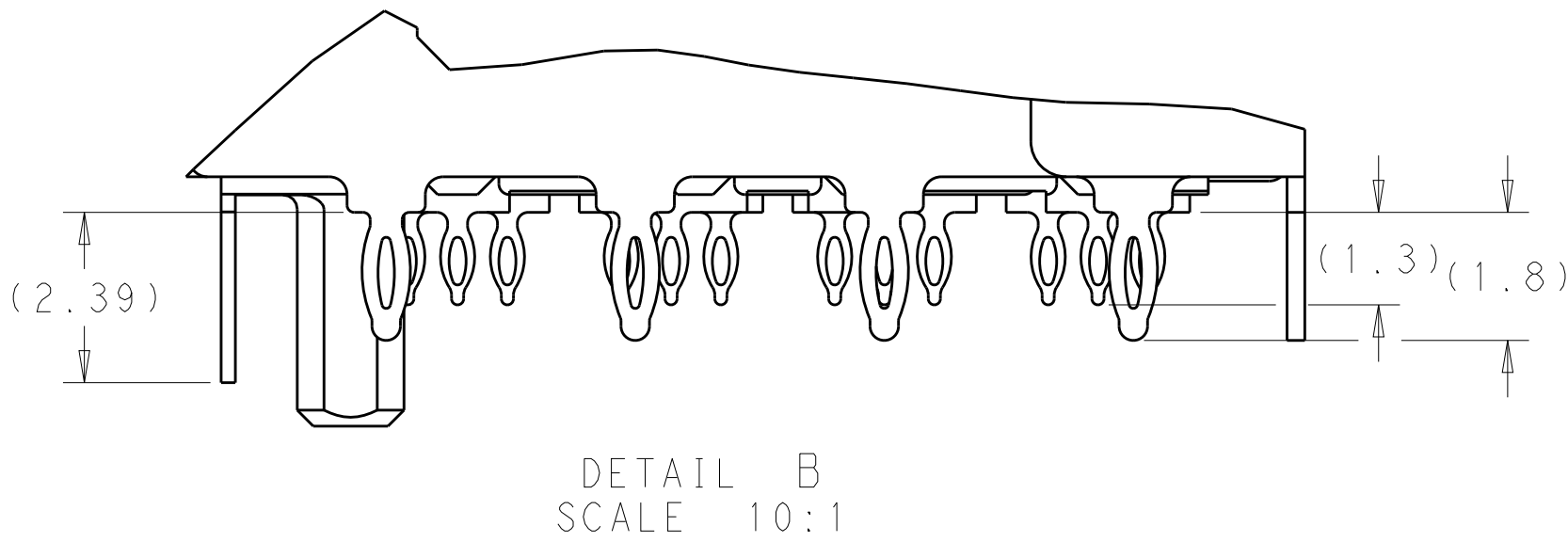
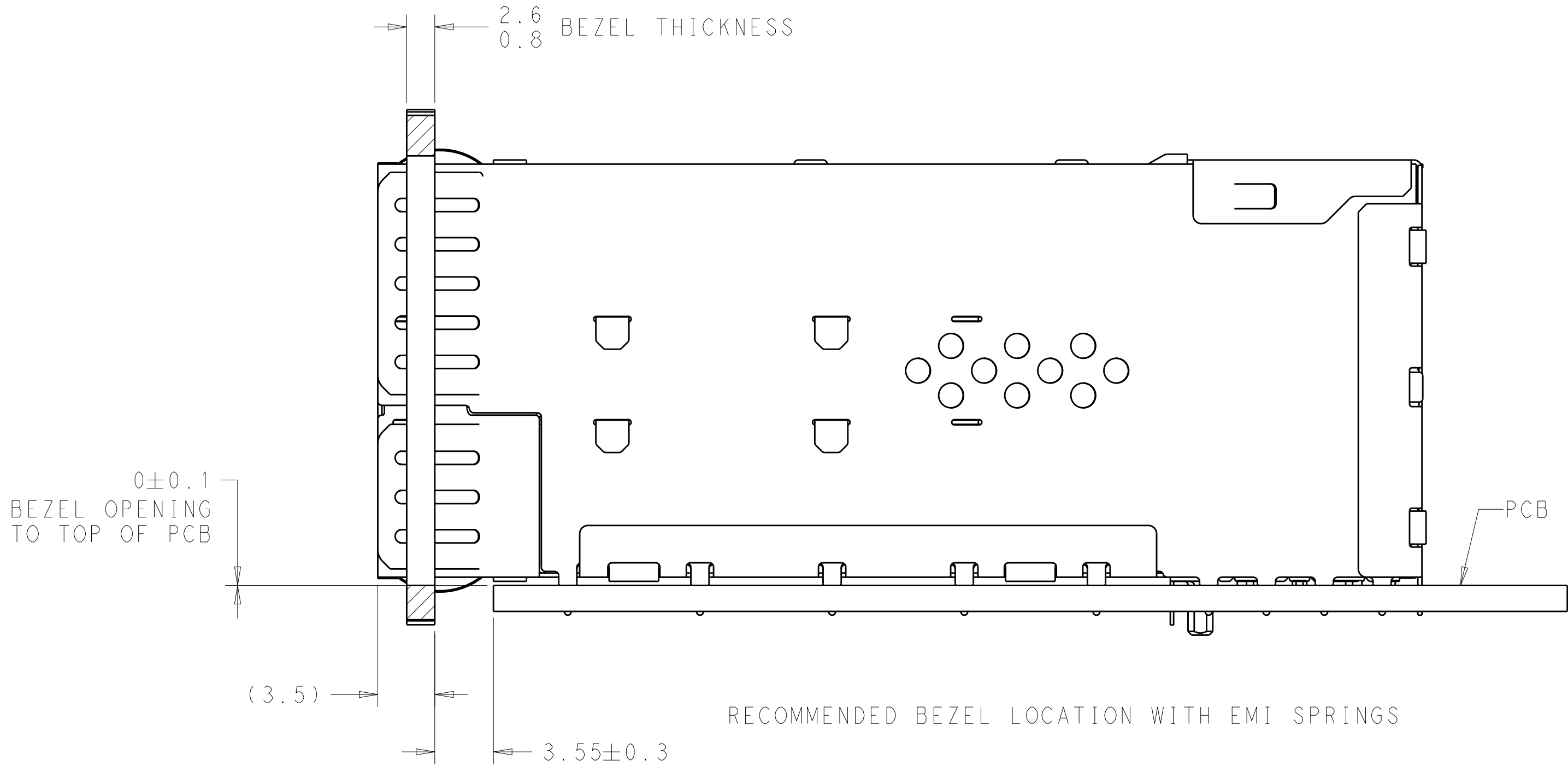
3-2198339-1
EMI SPRING TYPE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	07DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.20 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±.10 ANGLES ±4° FINISH		RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+	
MATERIAL		SEE NOTES		SIZE CAGE CODE DRAWING NO	
SEE NOTES		SEE NOTES		A100779C=2198339	
		Customer Drawing		RESTRICTED TO	
				SCALE 1:1 SHEET 2 OF 6 REV B2	

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



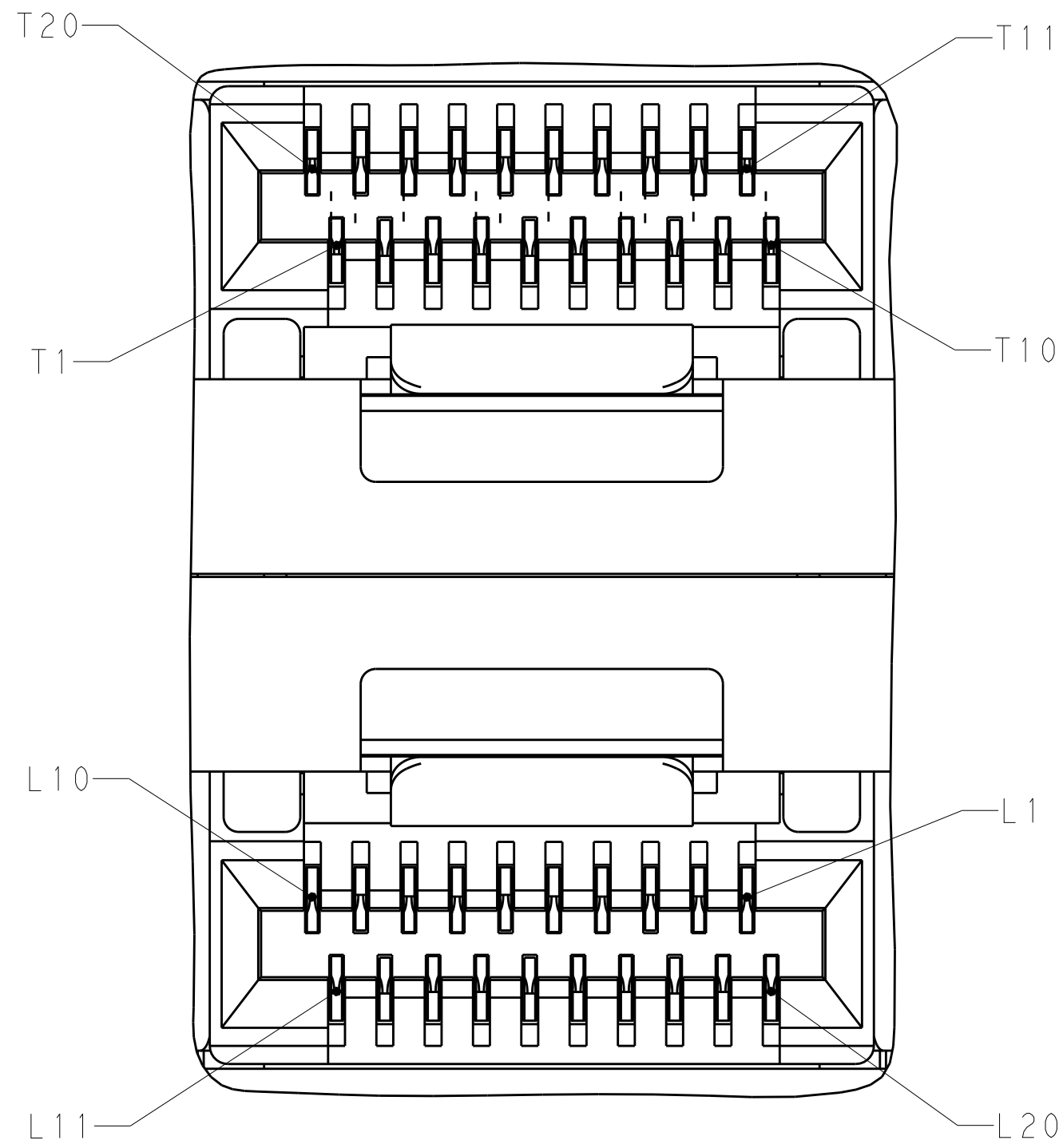
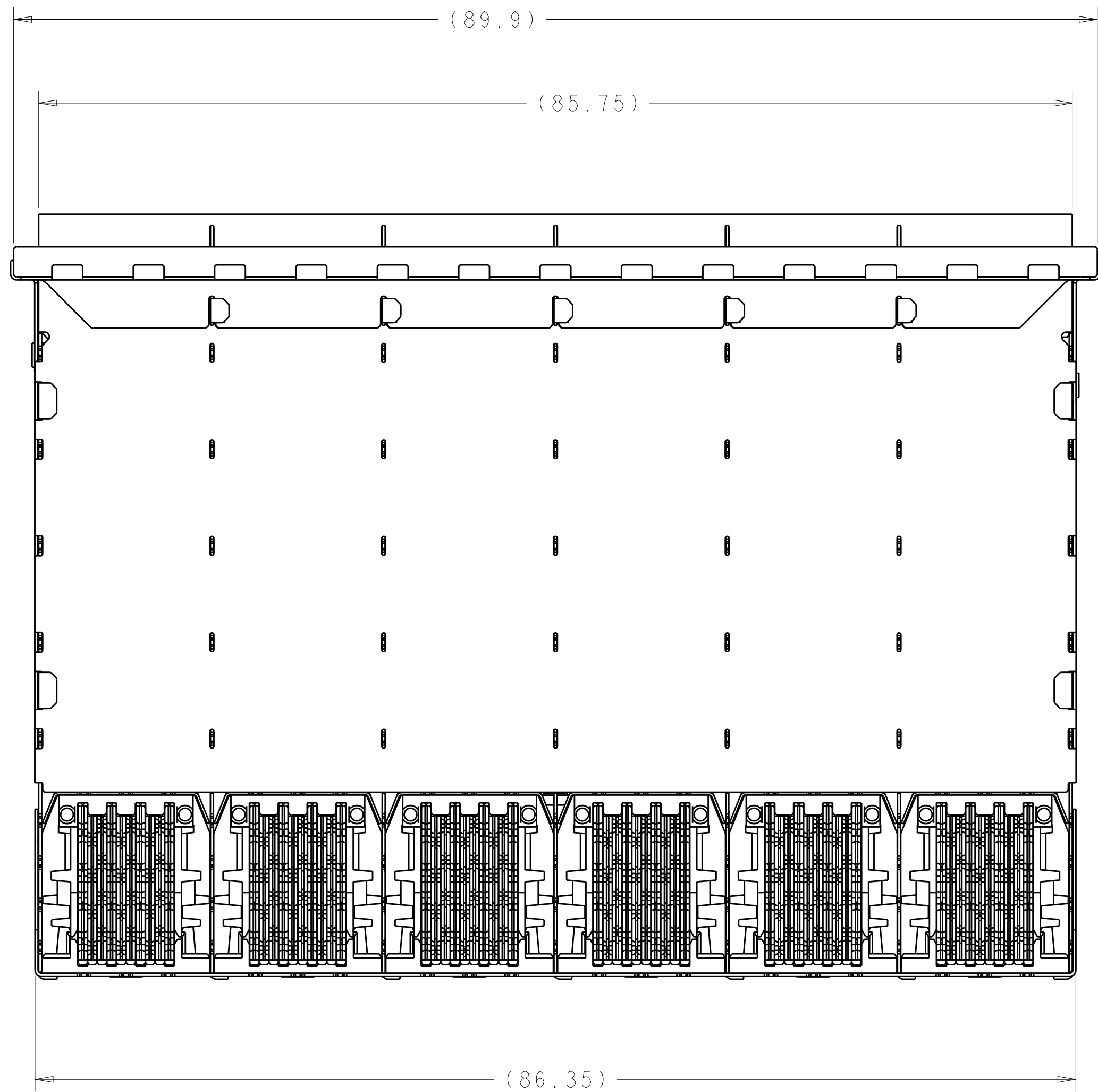
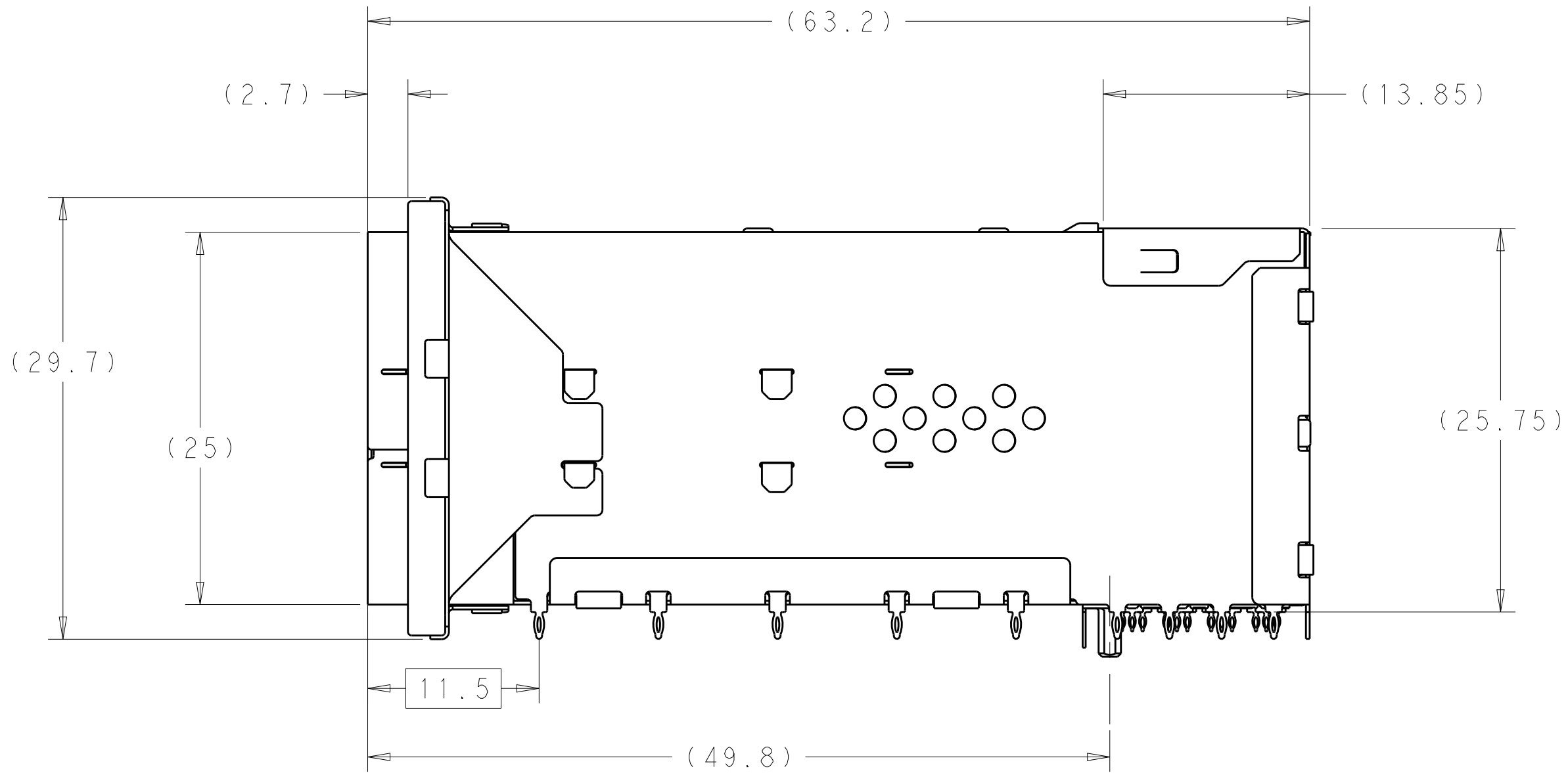
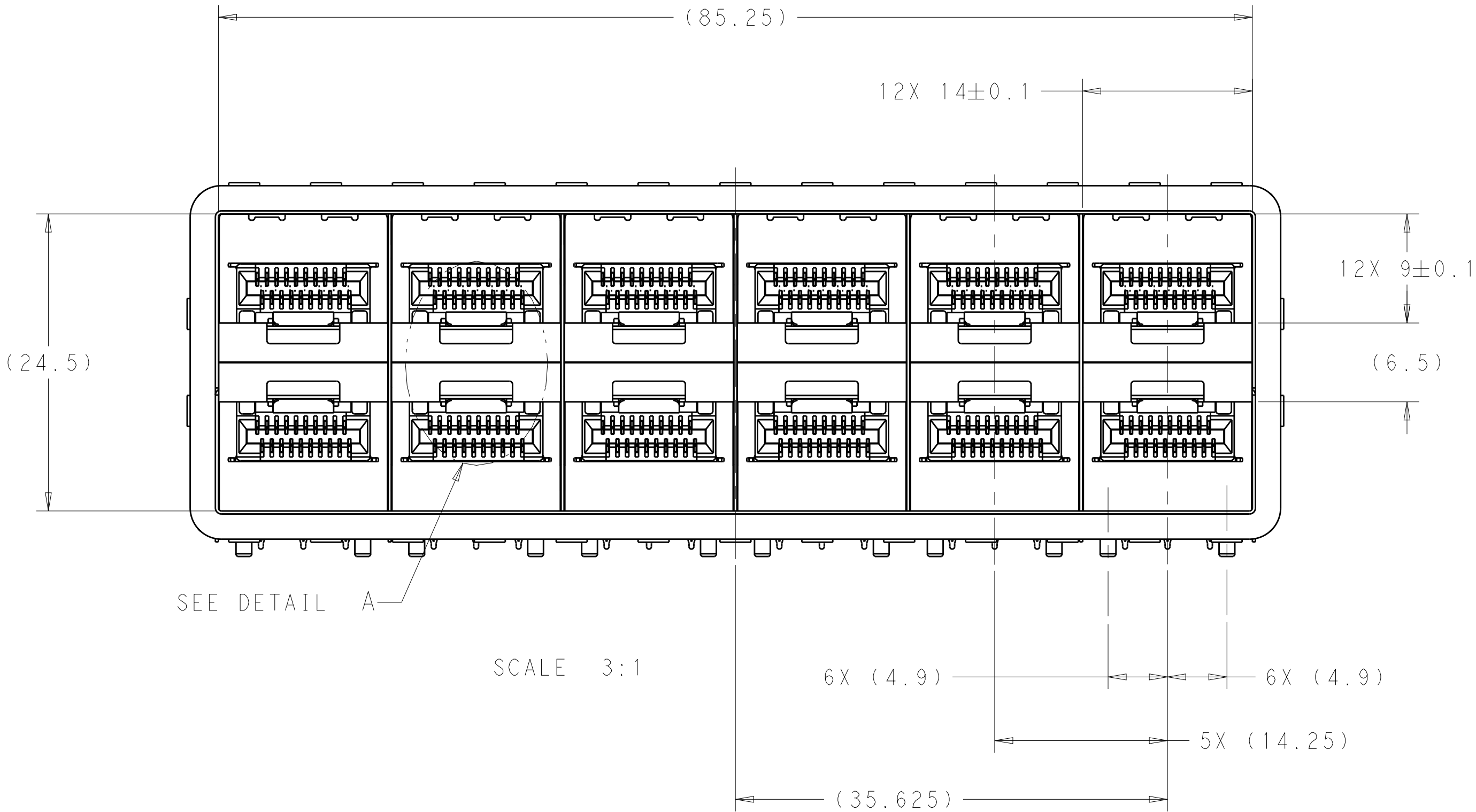
2198339-5 THRU 2198339-8, 1-2198339-9, 2-2198339-0, 2-2198339-1
EMI SPRINGS ONLY
SCALE 4:1



DETAIL B
SCALE 10:1

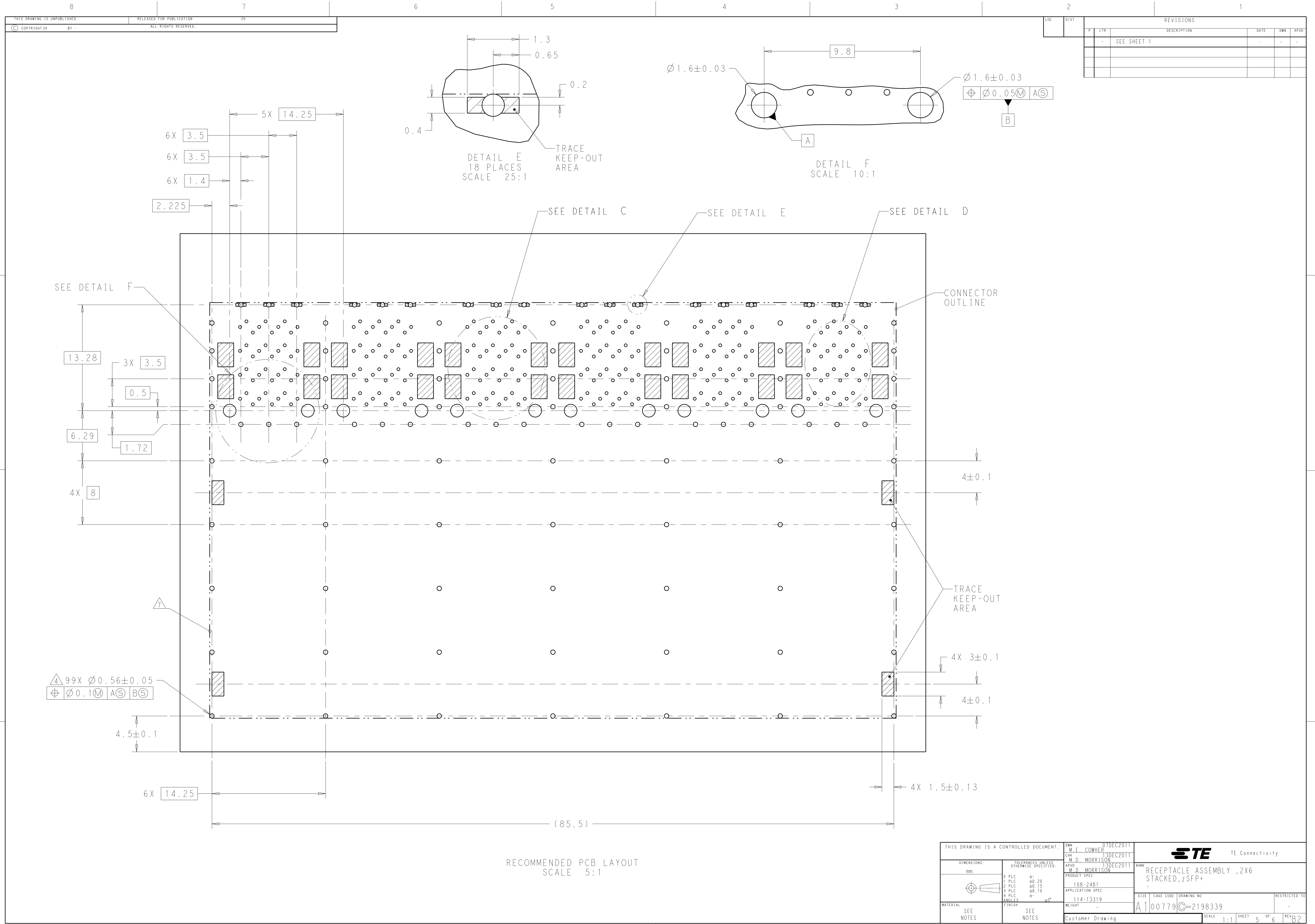
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	07DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME		
mm	0 PLC ±.20 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±.10	108-2481	RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+	SIZE	RESTRICTED TO
	ANGLES ±.5°	APPLICATION SPEC	-	CAGE CODE	
MATERIAL	SEE NOTES	WEIGHT	A100779	DRAWING NO	
SEE NOTES	SEE NOTES	Customer Drawing	C=2198339	SCALE	
				1:1	
				SHEET	
				3	
				OF	
				6	
				REV	
				B2	

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



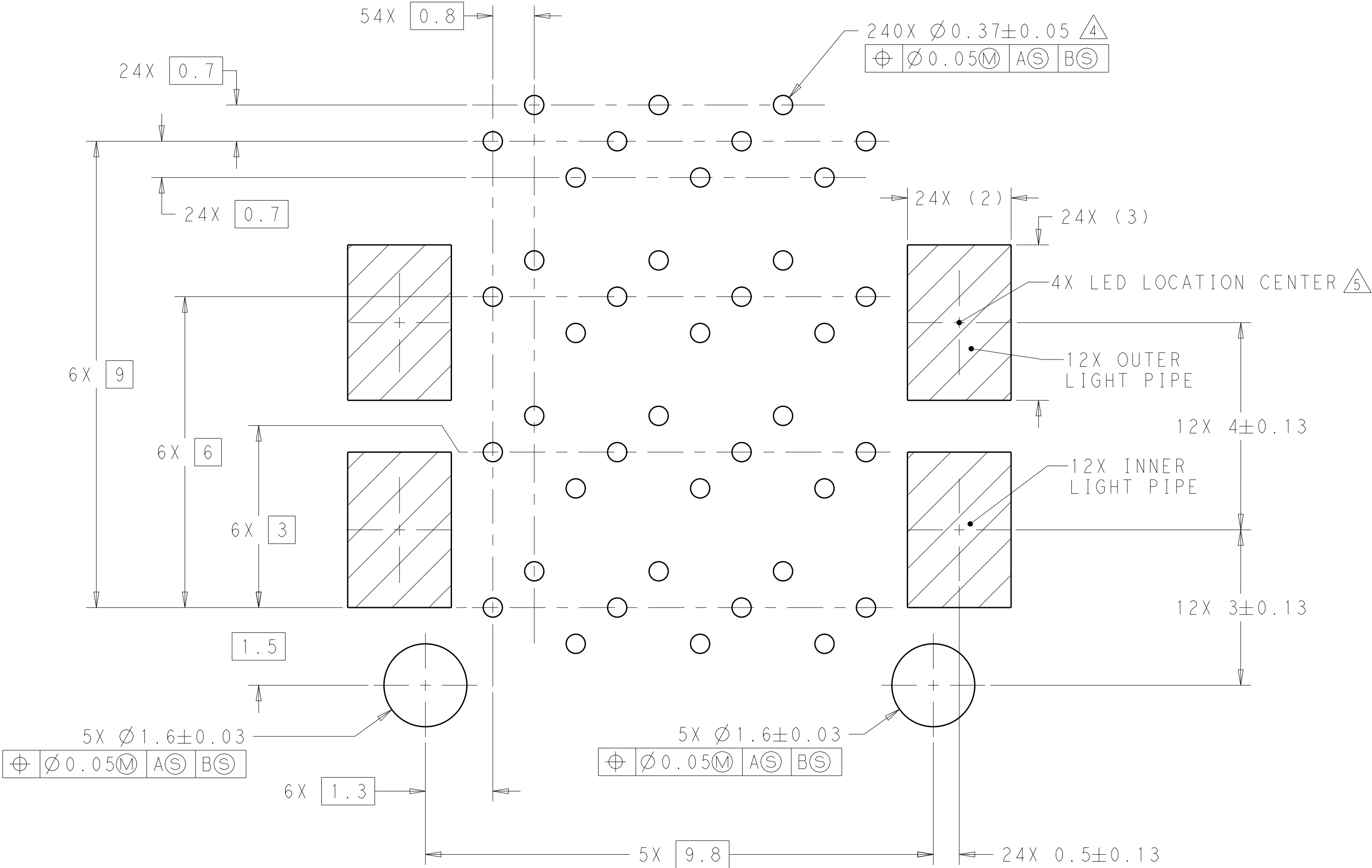
DETAIL A
6X INDIVIDUALLY
STACKED, zSFP+
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	07DEC2011 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 ±.5° FINISH	108-2481	RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+	SIZE	CAGE CODE
MATERIAL	SEE NOTES	114-13319	Customer Drawing	DRAWING NO	RESTRICTED TO
SEE NOTES	SEE NOTES	WEIGHT	A100779	©=2198339	-
		SCALE	1:1	SHEET	4 OF 6
		REV	B2		

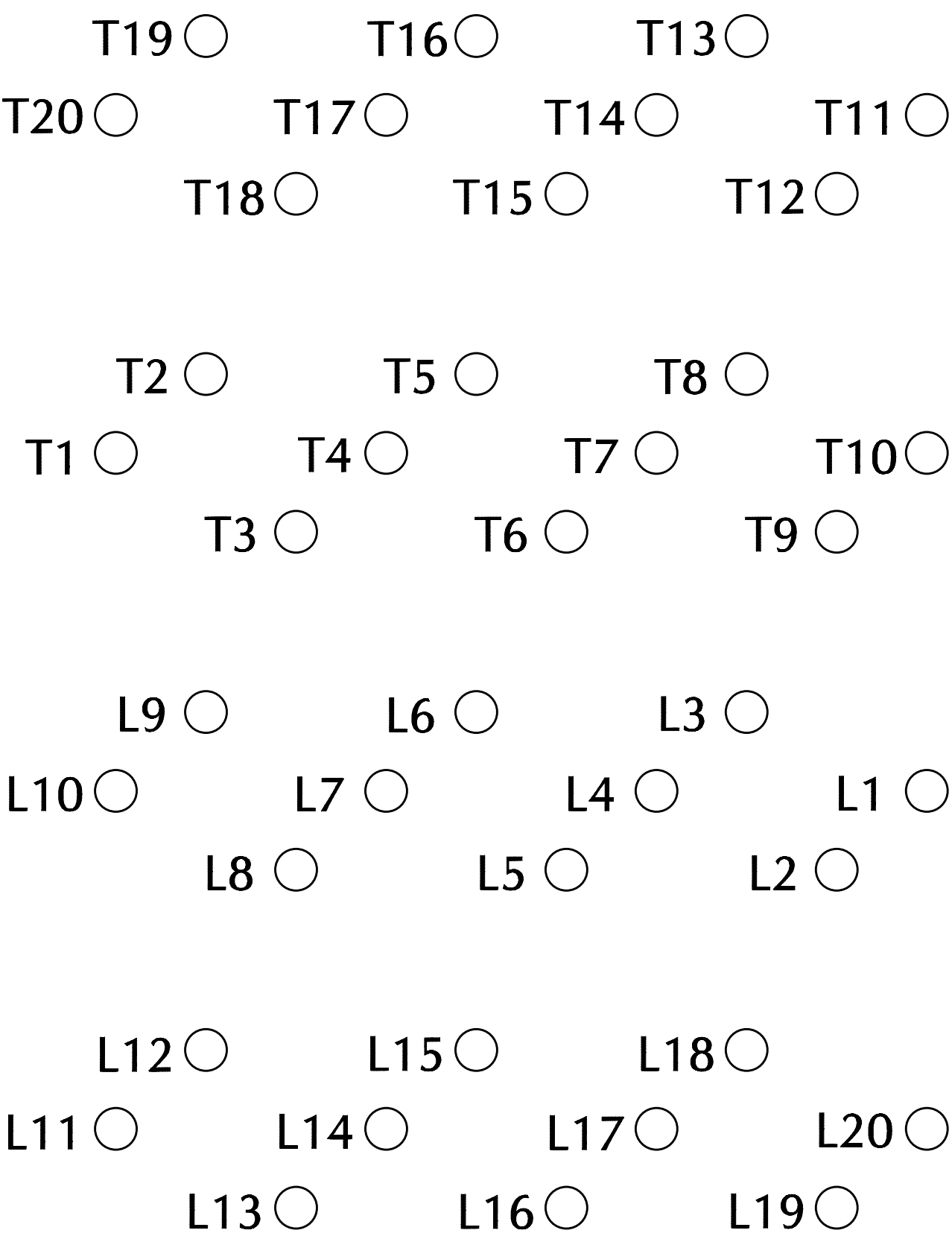


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. E. CONNER CHK M. D. MORRISON APVD M. D. MORRISON	07DEC2011 13DEC2011 13DEC2011	 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm				RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+	
		0 PLC ±0.20 1 PLC ±0.15 2 PLC ±0.10 3 PLC ±0.10 4 PLC ±0.10 ANGLES ±4°		PRODUCT SPEC	
		108-2481		-	
		APPLICATION SPEC		-	
		114-13319		SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		A100779C=2198339	
SEE NOTES		SEE NOTES		RESTRICTED TO	
		Customer Drawing		SCALE 1:1 SHEET 5 OF 6 REV B2	

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



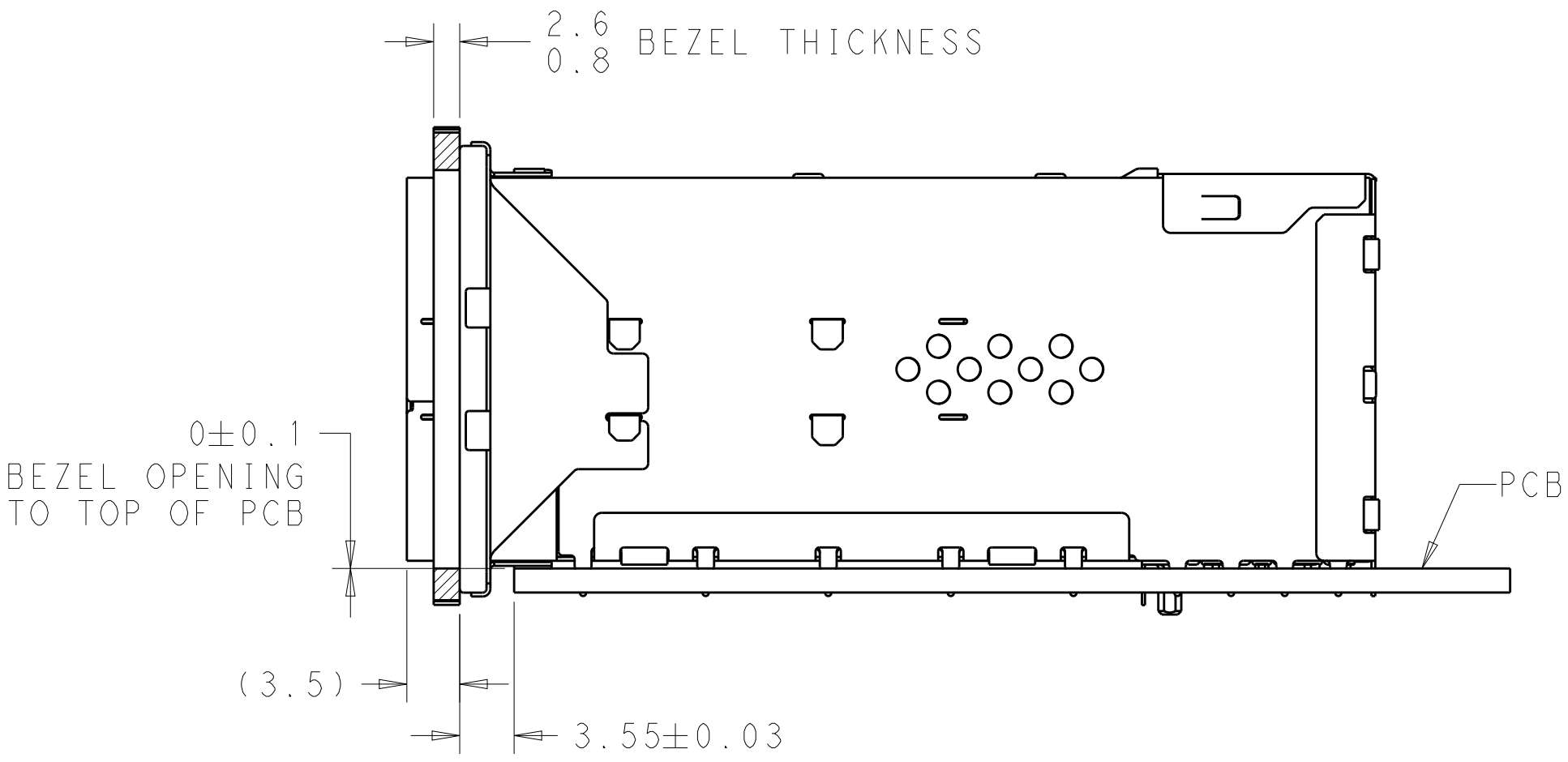
DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 5:2

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
6 PLACES
SCALE 20:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 07DEC2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+	
	0 PLC ±" ±0.20	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
	2 PLC ±0.15	108-2481		
	3 PLC ±0.10	APPLICATION SPEC	A100779C=2198339	
MATERIAL	FINISH	WEIGHT	RESTRICTED TO	
SEE NOTES	SEE NOTES	Customer Drawing	SCALE 1:1 SHEET 6 OF 6 REV B2	

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