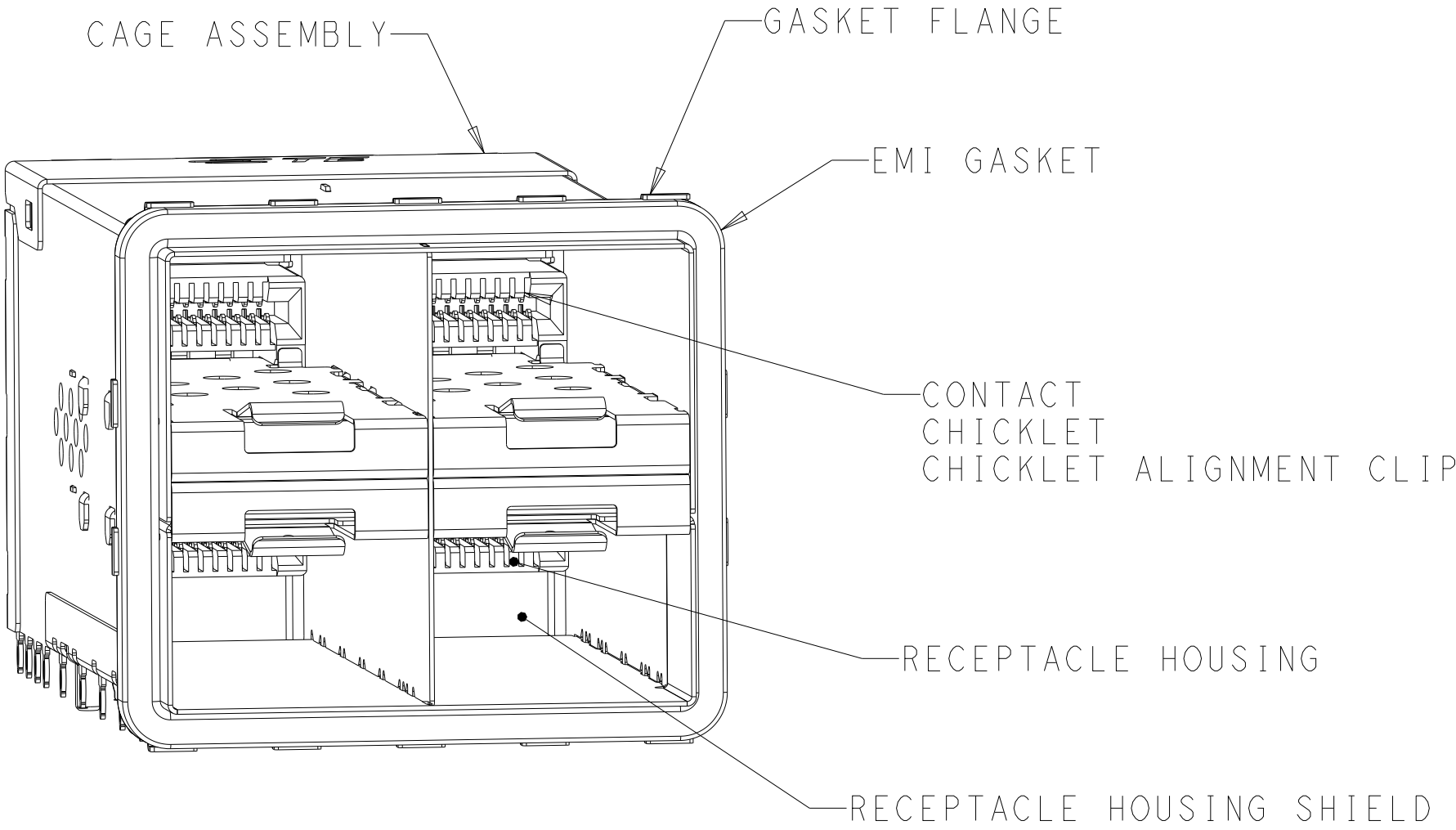
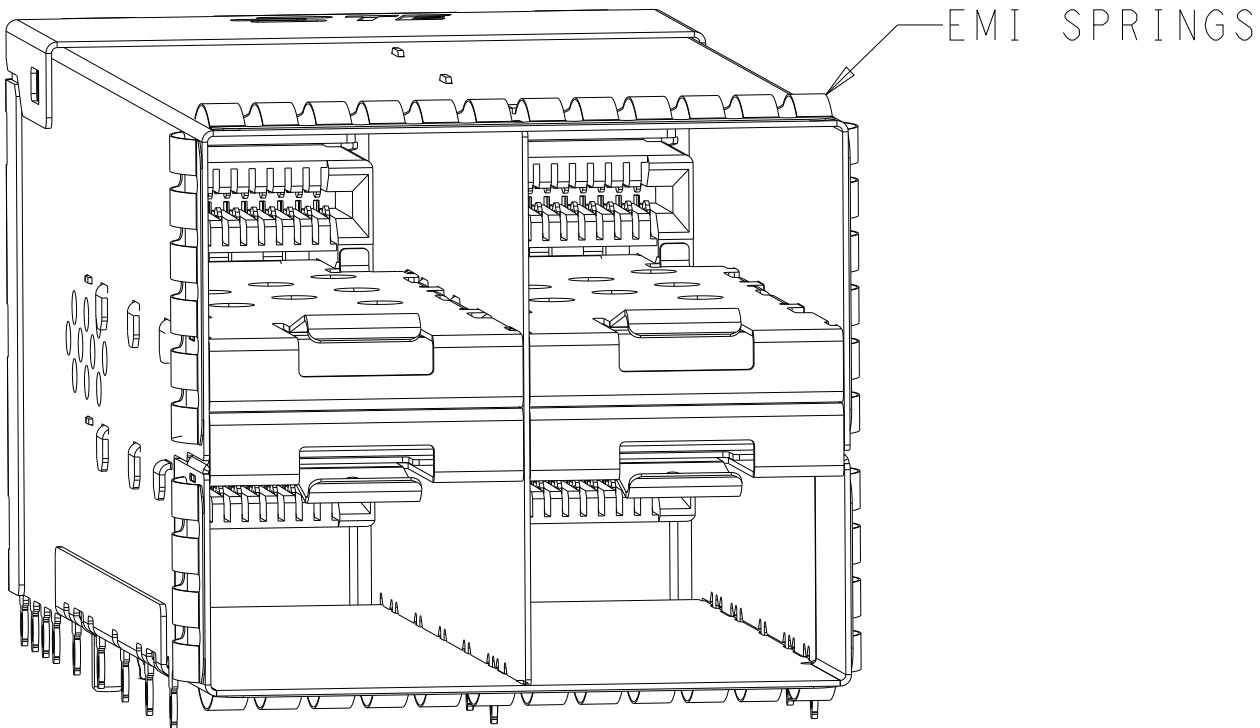


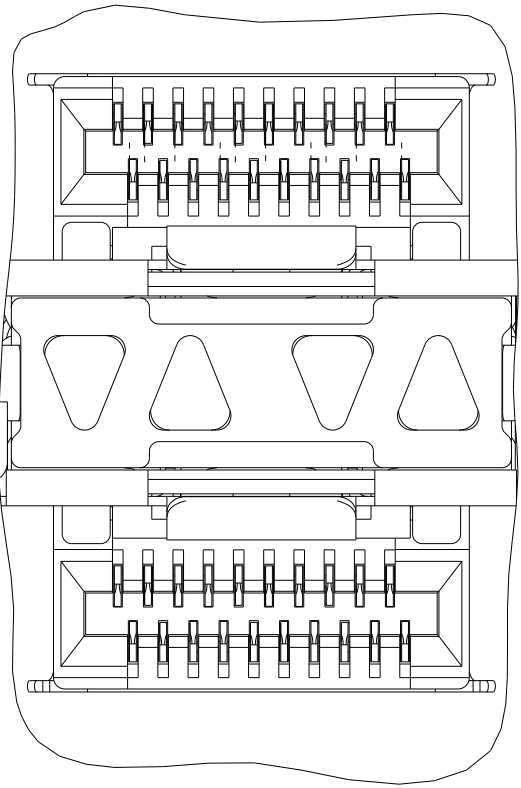
LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	
			C1	REVISED PER ECR-21-002578	02MAR2021	SZ	SZ	



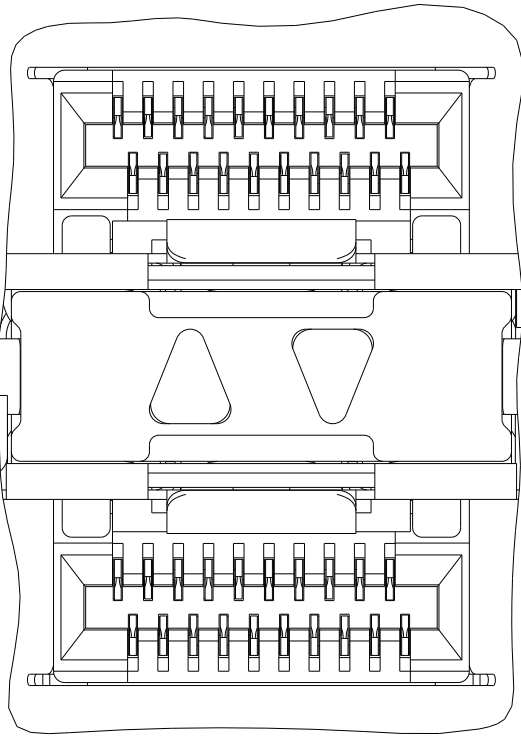
2198325-1
SCALE 3:1



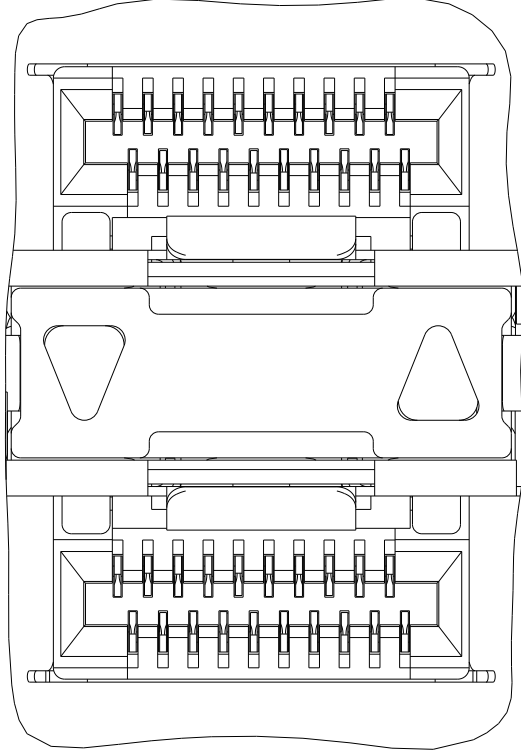
2198325-5
SCALE 3:1



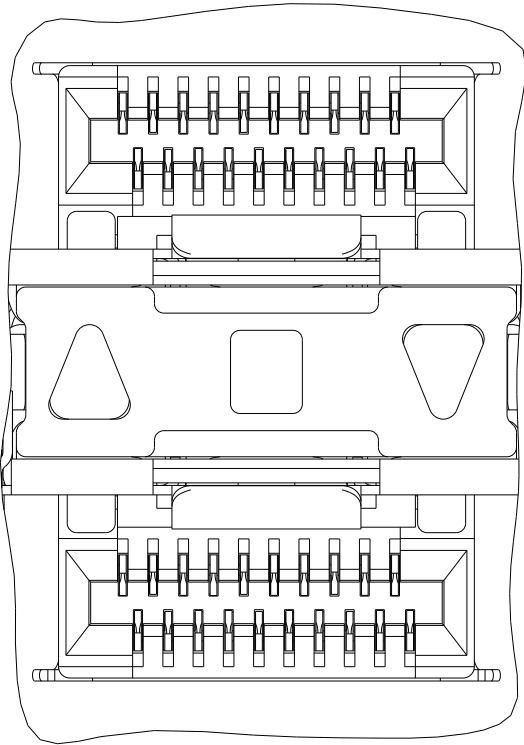
INNER/OUTER LIGHT PIPES
2198325-2, 2198325-6
SCALE 5:1



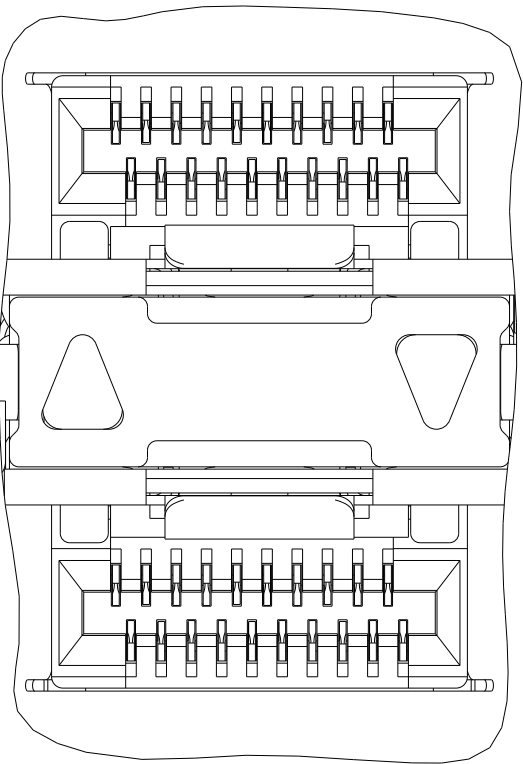
INNER LIGHT PIPES
2198325-3, 2198325-7
SCALE 5:1



OUTER LIGHT PIPES
2198325-4, 2198325-8
SCALE 5:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2198325-7, 1-2198325-9
SCALE 5:1



REVERSED OUTER LIGHT PIPES
1-2198325-8, 2-2198325-0
SCALE 5:1

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

⚠ FOR HOLE SIZE AND PLATINGS,
SEE APPLICATION SPECIFICATION 114-13319

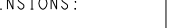
⚠ LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE
LED PACKAGE WITH A HEIGHT OF 0.8mm

⚠ DIMENSIONS APPLY FOR EMI SPRINGS ONLY

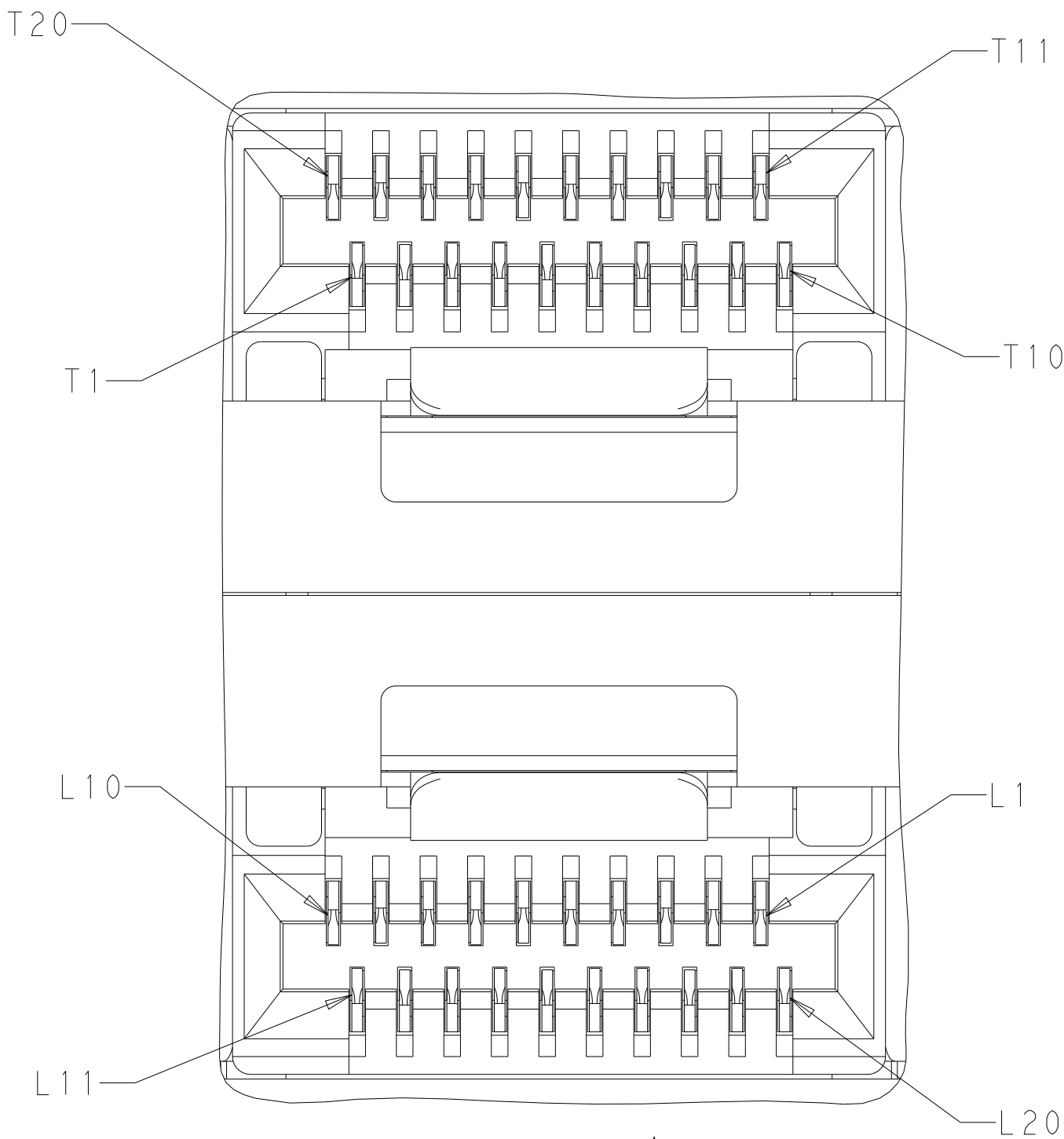
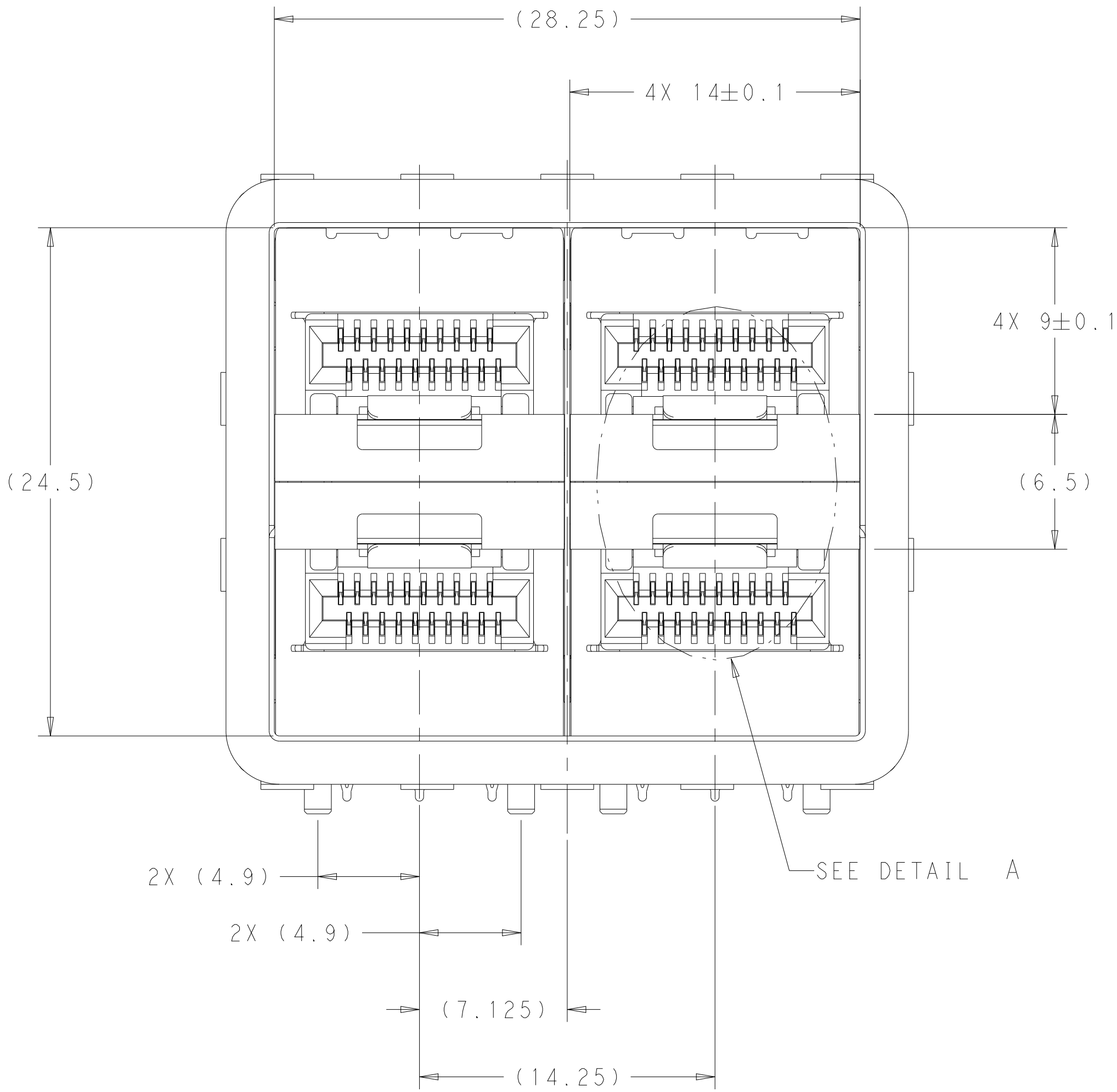
⚠ THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE
DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS
AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED
WITHIN CONNECTOR HOLE PATTERN

⚠ AIRFLOW ENHANCE VERSION

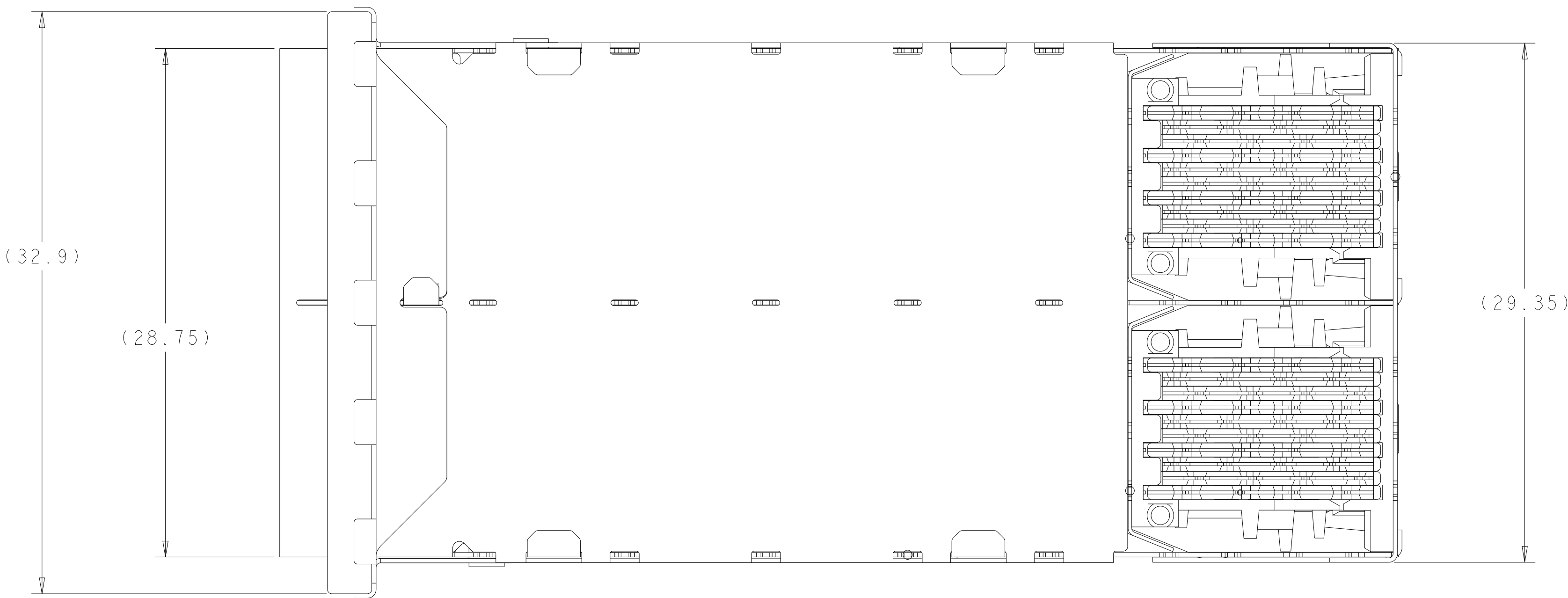
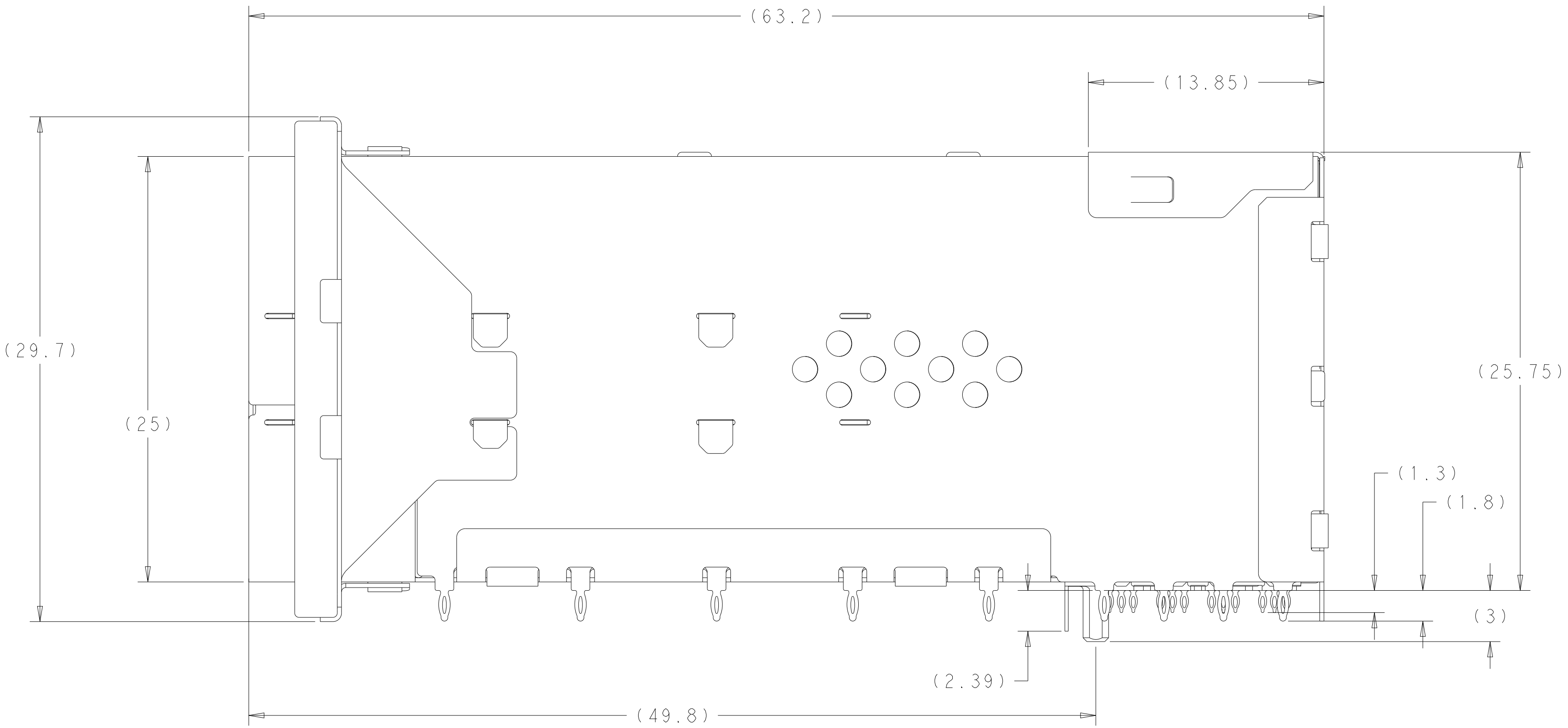
⚠ 8	31	EMI SPRINGS	REVERSE OUTER	3-2198325-3
⚠ 8	31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-2
	31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-1
	31	EMI SPRINGS	NONE	3-2198325-0
	31	EMI SPRINGS	REVERSED OUTER	2-2198325-0
			CENTER/REVERSED OUTER	1-2198325-9
	33.75	EMI GASKET	REVERSED OUTER	1-2198325-8
			CENTER/REVERSED OUTER	1-2198325-7
	31	EMI SPRINGS	OUTER	2198325-8
			INNER	2198325-7
			INNER/OUTER	2198325-6
			NONE	2198325-5
	33.75	EMI GASKET	OUTER	2198325-4
			INNER	2198325-3
			INNER/OUTER	2198325-2
			NONE	2198325-1
	(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONHER 06OCT2011	 TE Connectivity		
DIMENSIONS:		CHK M.D. MORRISON 06OCT2011			
mm		APVD M.D. MORRISON 07OCT2011	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+		
		PRODUCT SPEC 108-2481			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPLICATION SPEC 114-13319	SIZE A1		
		ANGLES FINISH			
MATERIAL SEE NOTES		WEIGHT -	CAGE CODE 00779		
		DRAWING NO 2198325		RESTRICTED TO -	
		Customer Drawing		SCALE 4:1	
		SHEET 1		OF 6	
		REV C			

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



DETAIL A
2 PLACES
SCALE 10:1



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DWN
M.E. CONHER
06OCT2011

CHK
M.D. MORRISON
06OCT2011

APVD
M.D. MORRISON
07OCT2011

NAME
RECEPTACLE ASSEMBLY, 2X2,
STACKED, zSFP+

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2198325

RESTRICTED TO
-

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL
SEE
NOTES

SEE
NOTES

Customer Drawing

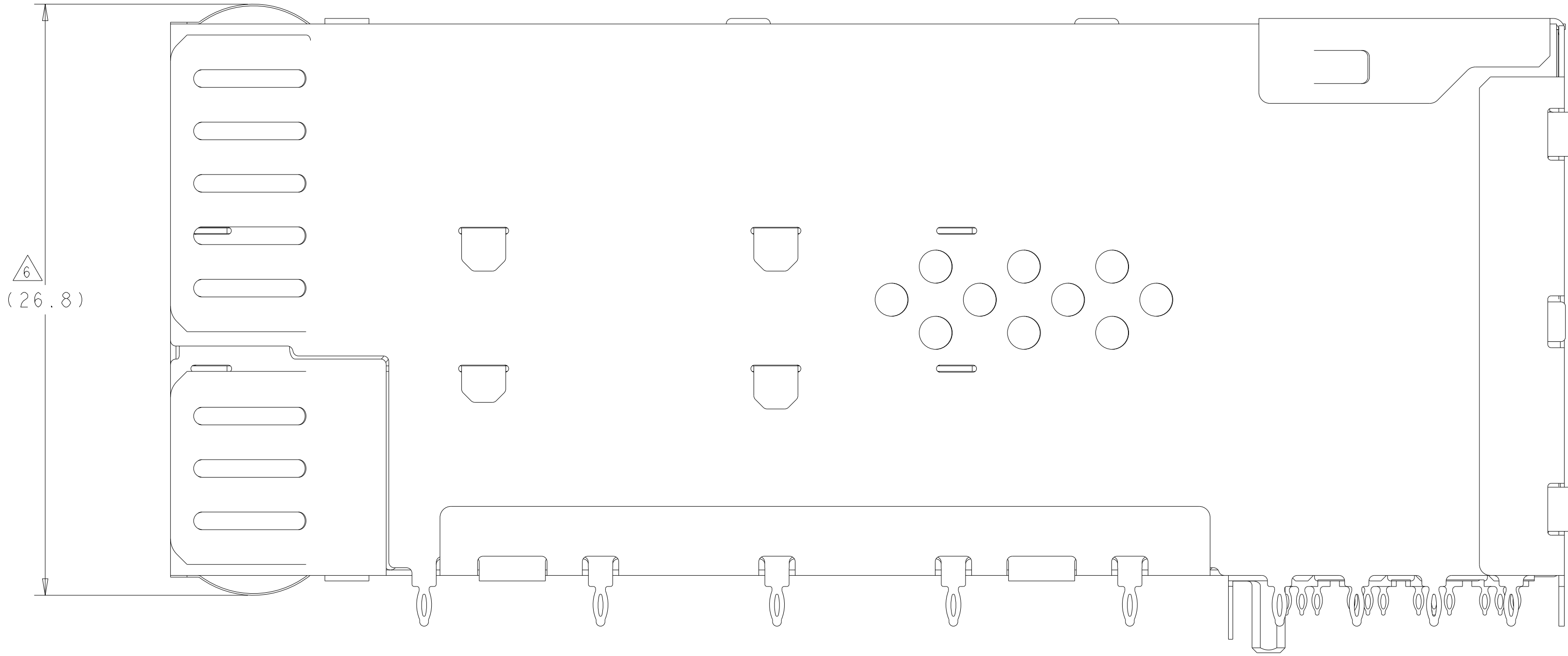
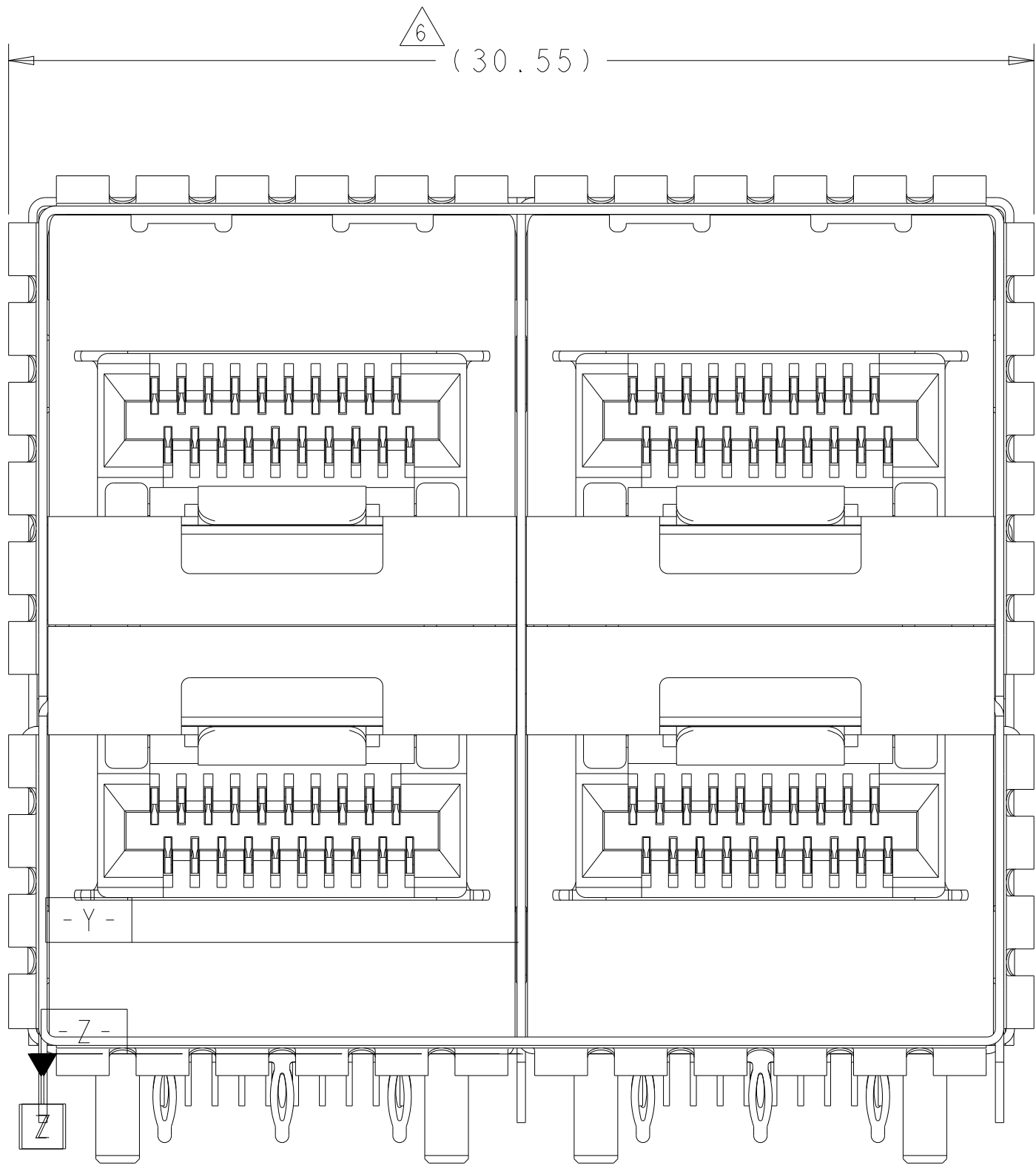
SCALE
5:1

SHEET
2

OF
6

REV
C1

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



2198325-5 THRU 2198325-8, 1-2198325-9, 2-2198325-0
EMI SPRINGS ONLY
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
M.E. CONHER

CHK
M.D. MORRISON

APVD
M.D. MORRISON

06OCT2011
06OCT2011
07OCT2011

NAME

RECEPTACLE ASSEMBLY, 2X2,
STACKED, zSFP+

RESTRICTED TO

-

DIMENSIONS:

mm

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

±
±
±
±
±
±
±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC
APPLICATION SPEC
114-13319
WEIGHT
-

MATERIAL
SEE
NOTES

SEE
NOTES

Customer Drawing

SIZE
A1

CAGE CODE
00779

DRAWING NO
C=2198325

SCALE
4:1

SHEET
3

OF
6

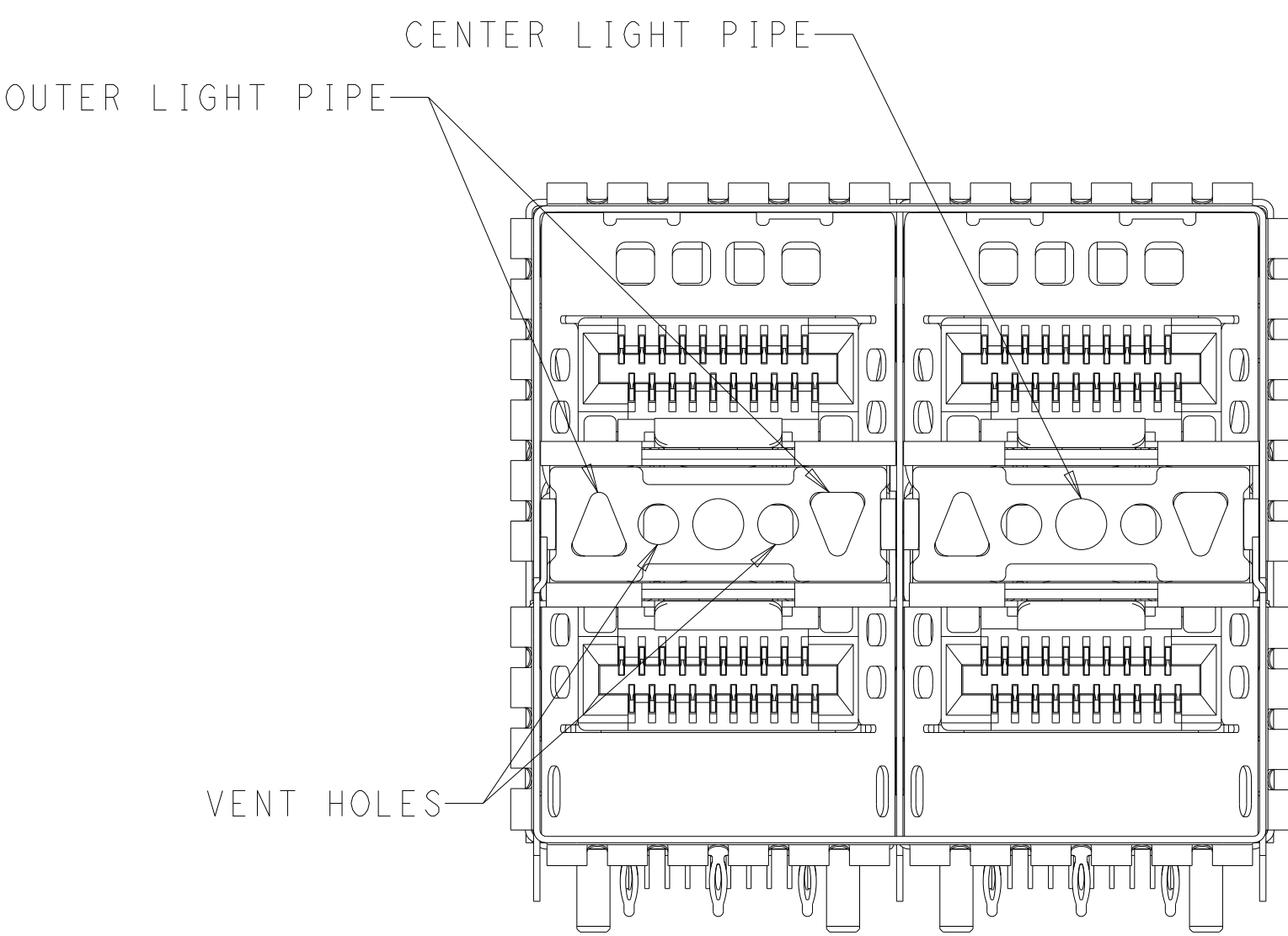
REV
C1

TE Connectivity

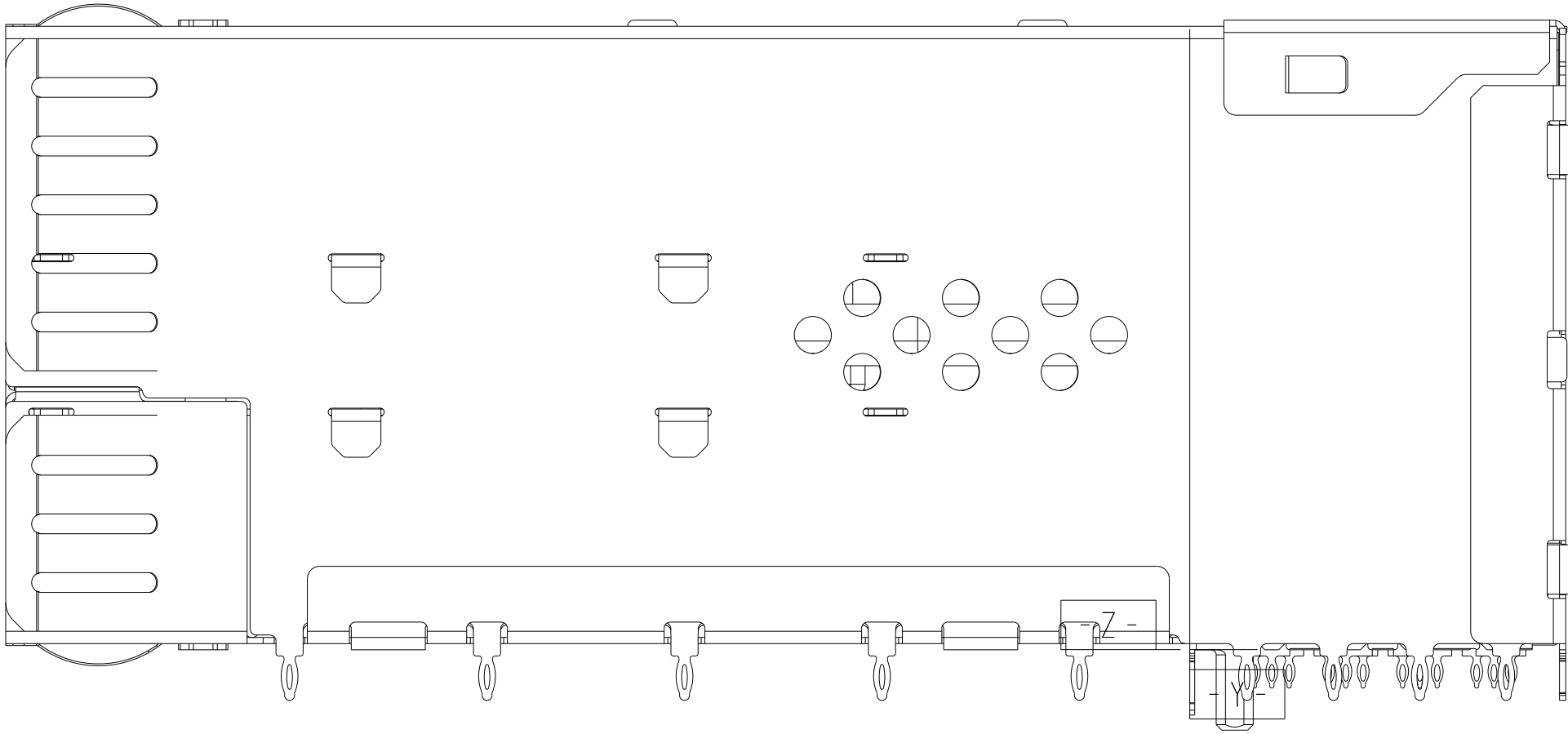
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-		SEE SHEET 1	-	-	-

3-2198325-2 AIR FLOW ENHANCE VERSION

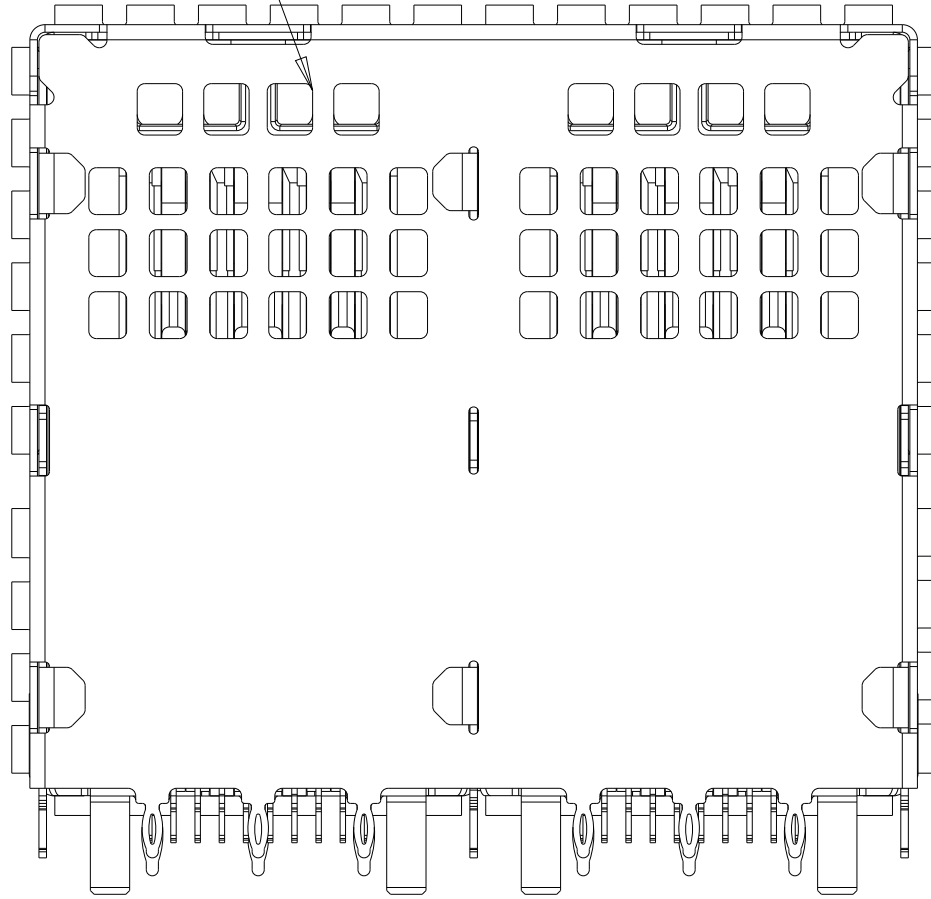
UNMARKED DIMENSION SAME AS 2198325-5



SCALE 4:1

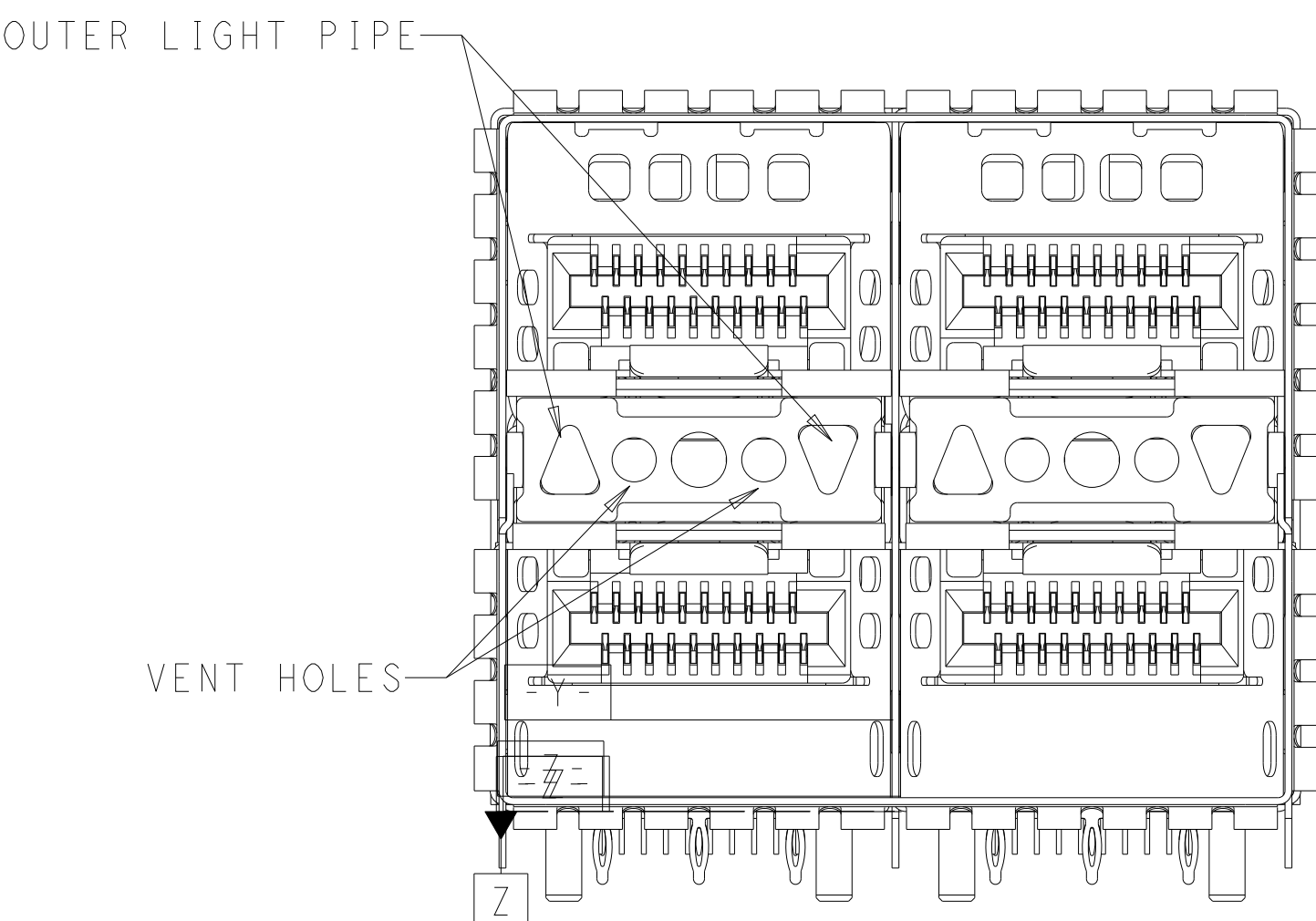


VENT HOLES PARTERN

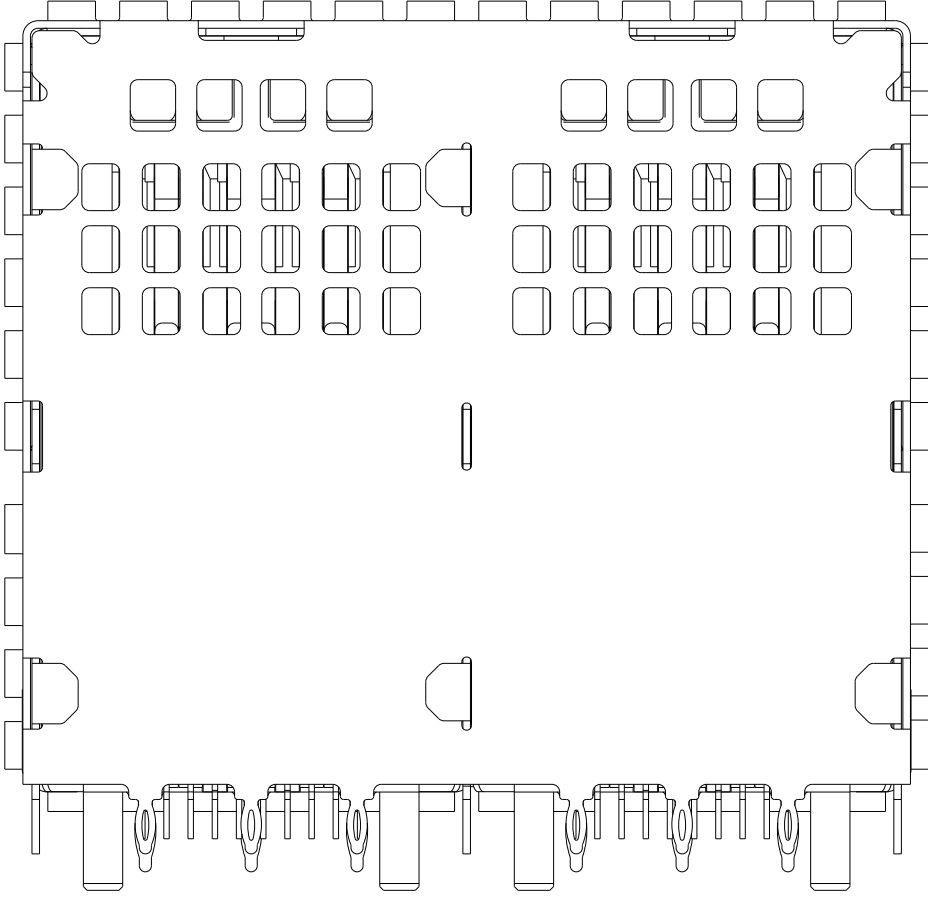
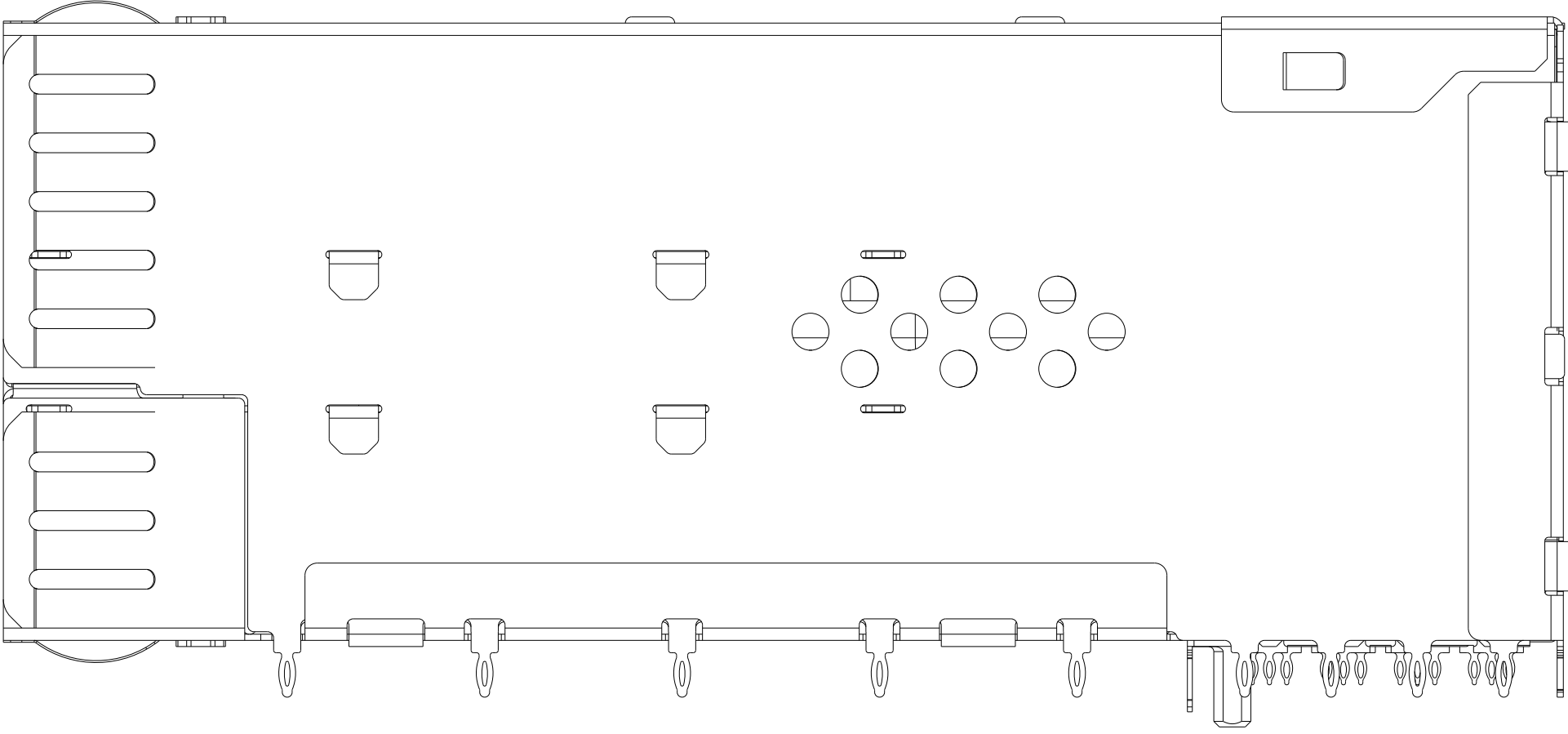


3-2198325-3 AIR FLOW ENHANCE VERSION

UNMARKED DIMENSION SAME AS 2198325-5

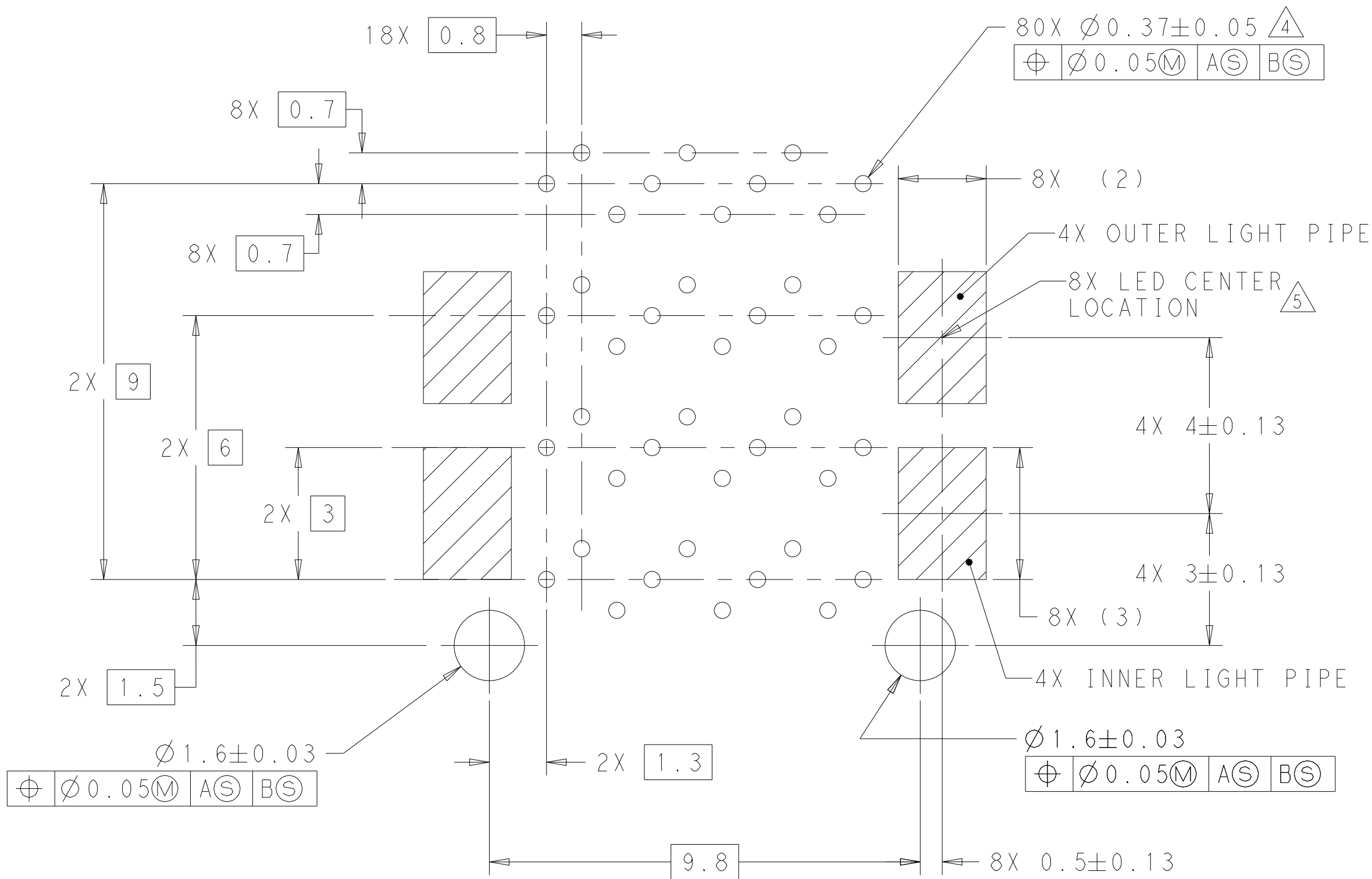
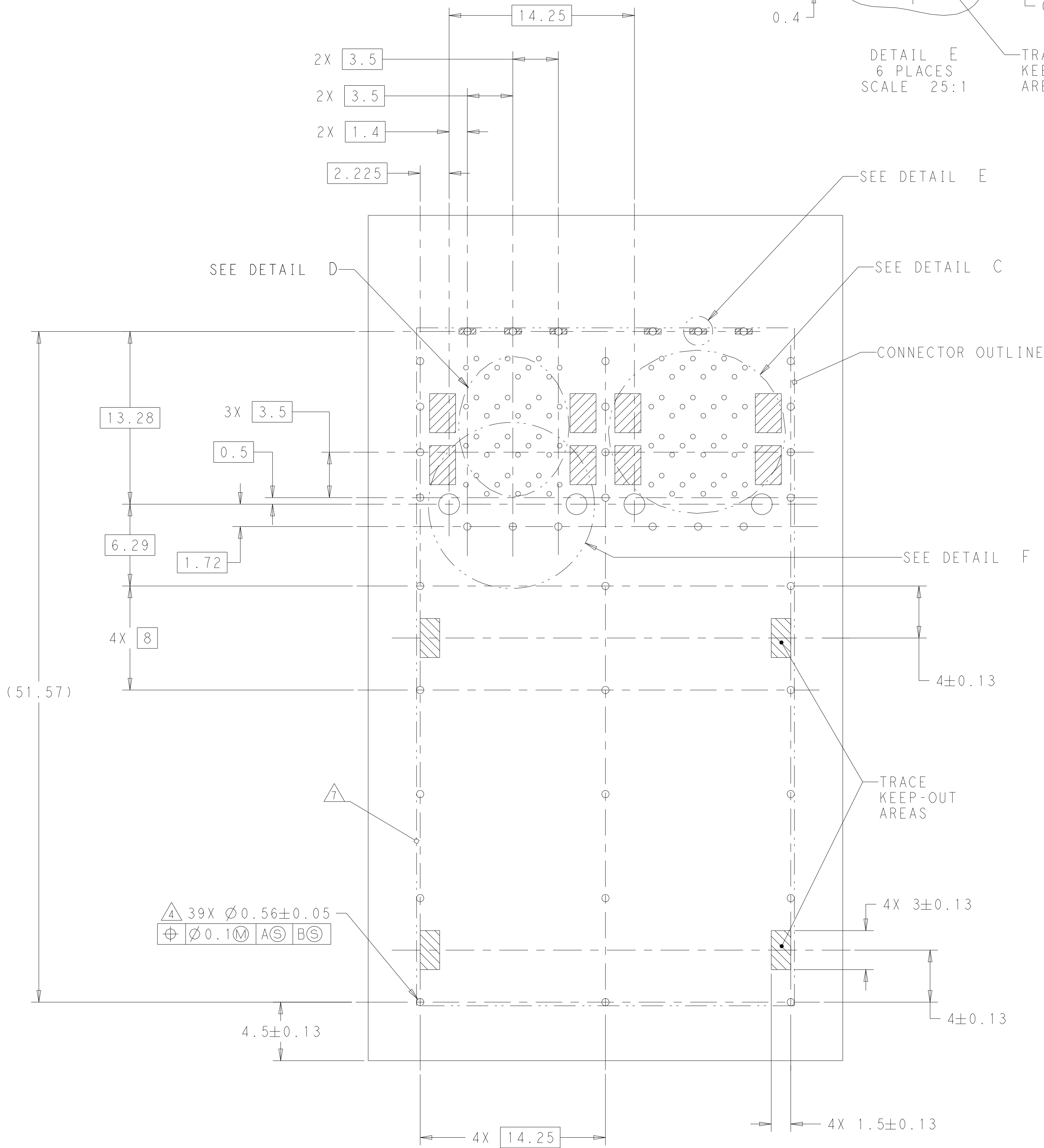
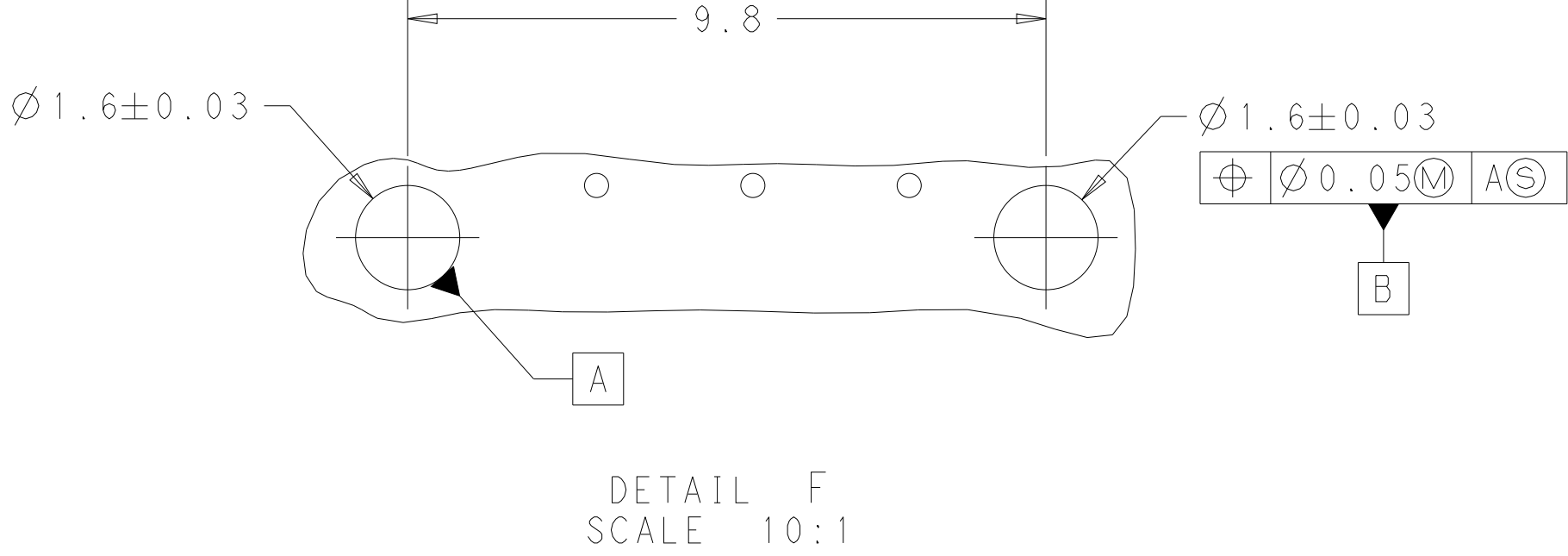
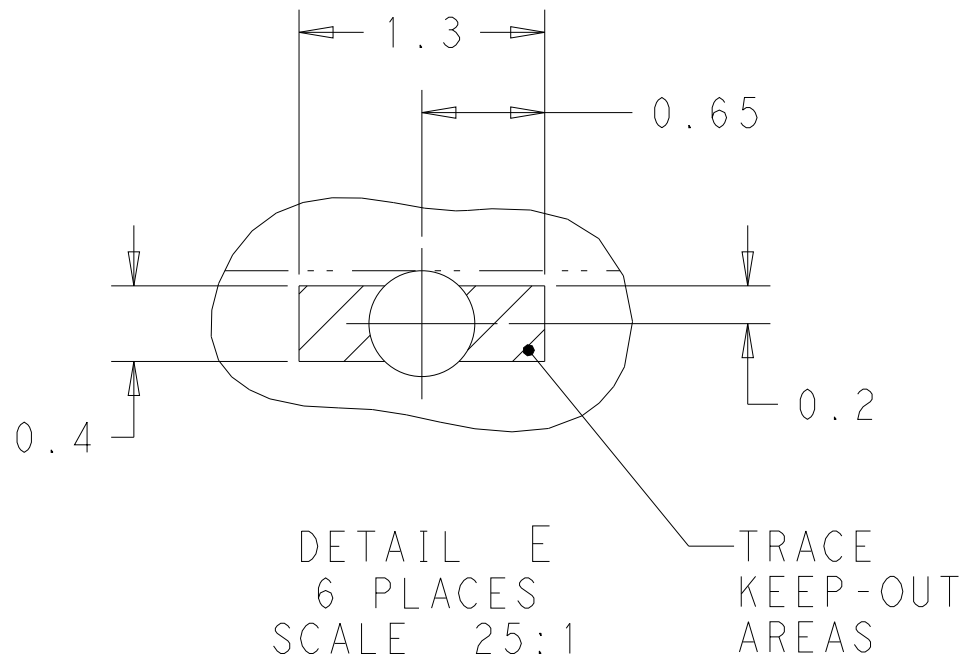


SCALE 4:1



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DIMENSIONS:		CHK M.D. MORRISON	06OCT2011			
mm		APVD M.D. MORRISON	07OCT2011	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
		0 PLC ±"		108-2481		
		1 PLC ±"		APPLICATION SPEC		
		2 PLC ±"		114-13319		
		3 PLC ±"		WEIGHT		
		4 PLC ±"		-		
MATERIAL SEE NOTES		ANGLES		SIZE		
		FINISH		CAGE CODE		
				DRAWING NO		
				A100779		
				RESTRICTED TO		
				-		
				Customer Drawing		
				SCALE 4:1 SHEET 4 OF 6 REV C1		

LOC		DIST		REVISONS				
GP	00	P	LYR	DESCRIPTION		DATE	DWN	APVD
		-		SEE SHEET 1		-	-	-



39X Ø0.56±0.05
Ø0.1M AS BS

RECOMMENDED PCB LAYOUT
SCALE 5:1

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

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DIMENSIONS:		CHK M.D. MORRISON 06OCT2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 07OCT2011	NAME	RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
	0 PLC ±	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±	108-2481		
		APPLICATION SPEC	A100779C=2198325 -	
		114-13319		
MATERIAL	FINISH	WEIGHT	SCALE 4:1 SHEET 5 OF 6 REV C1	
SEE NOTES	SEE NOTES	Customer Drawing		

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

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

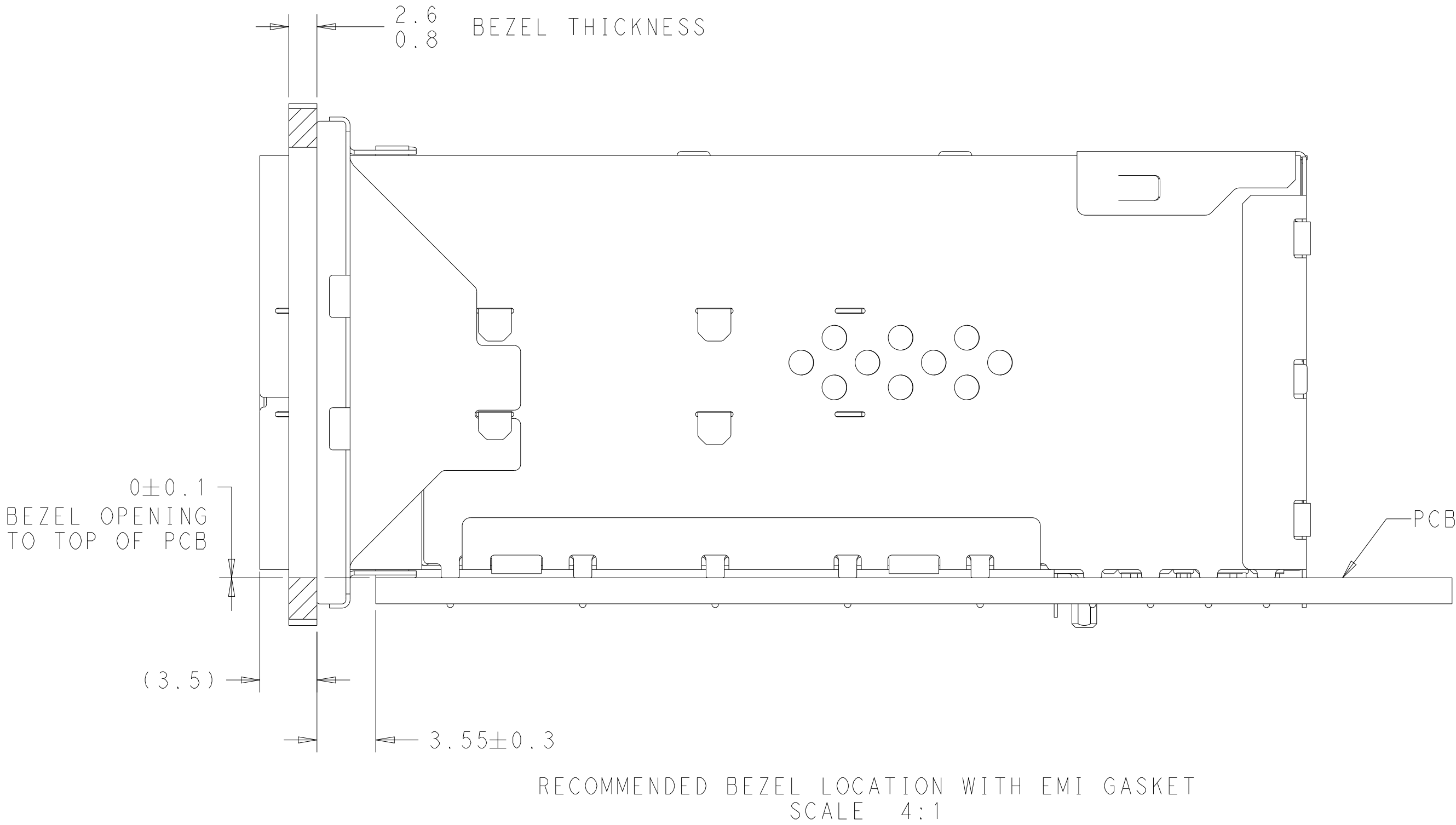
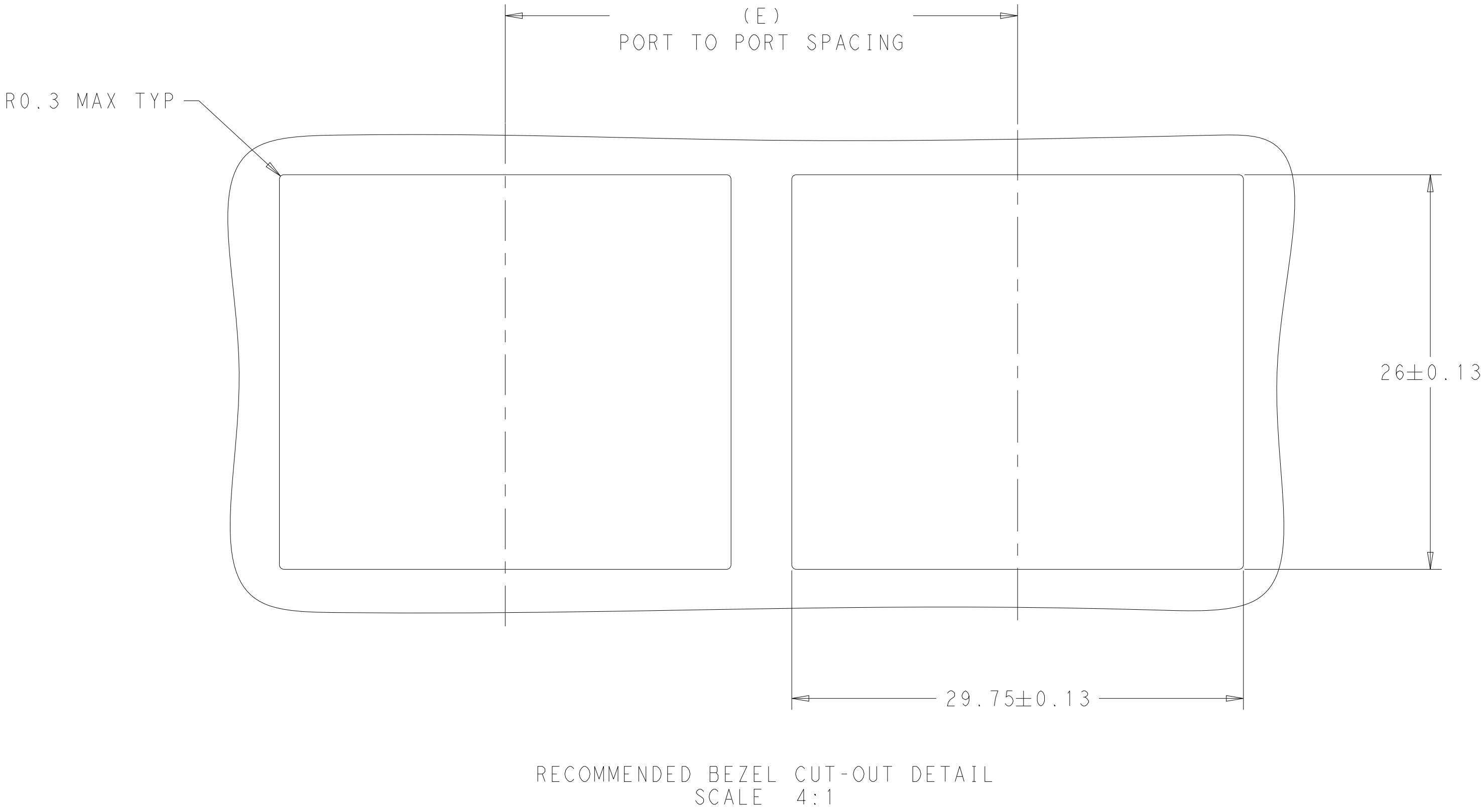
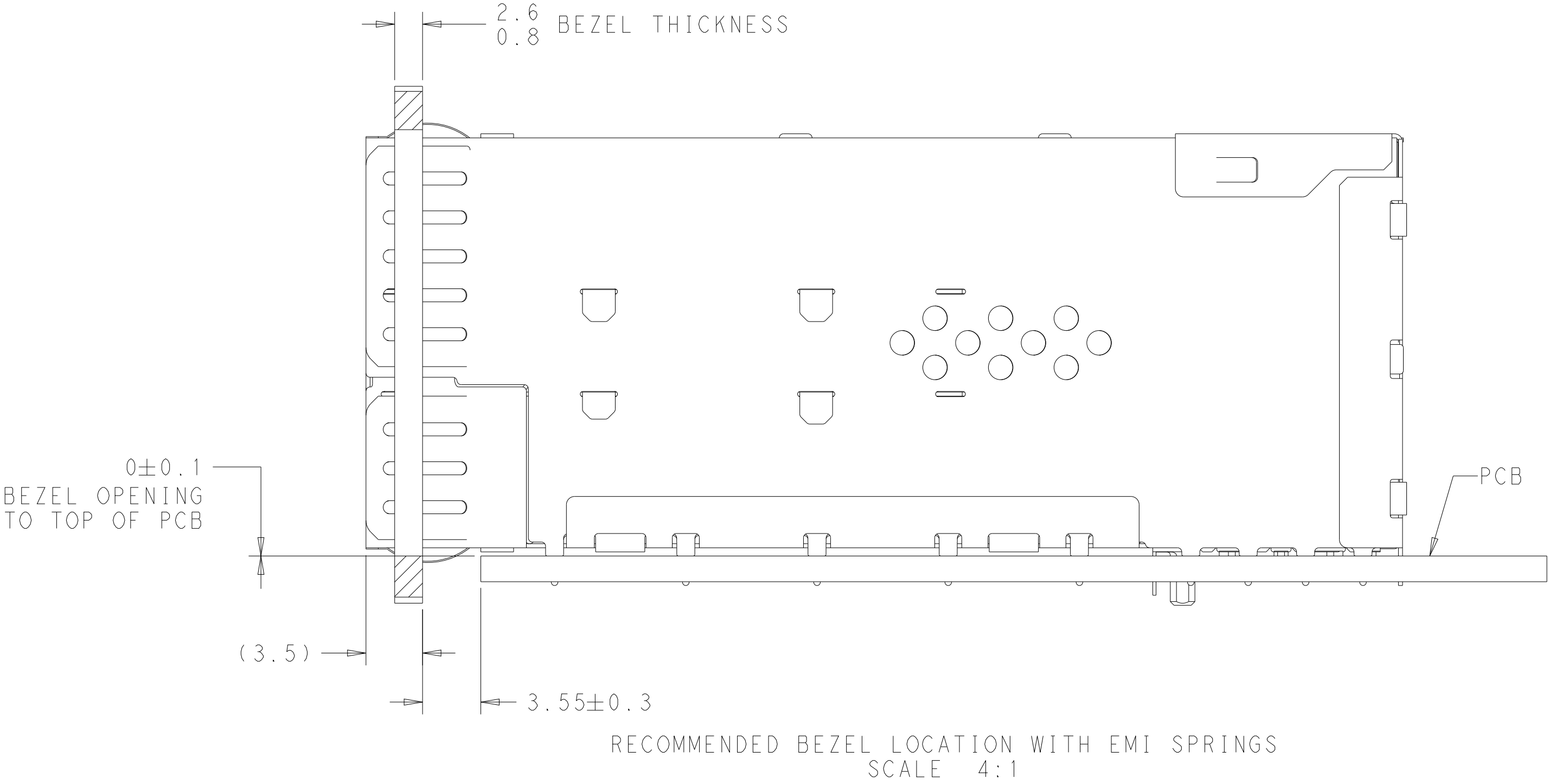
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

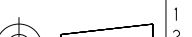
L9○ L6○ L3○
L10○ L7○ L4○ L1○
L8○ L5○ L2○

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

DETAIL D
PIN MAP
2 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	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



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DIMENSIONS:		CHK M.D. MORRISON 06OCT2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 07OCT2011	NAME	RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+
	0 PLC	±"	PRODUCT SPEC	-
	1 PLC	±"	108-2481	
	2 PLC	±"	APPLICATION SPEC	
	3 PLC	±"	114-13319	
4 PLC ANGLES			SIZE	CAGE CODE
FINISH			DRAWING NO	RESTRICTED TO
MATERIAL	SEE NOTES	WEIGHT	A100779	©=2198325
		Customer Drawing	SCALE	4:1
			SHEET	6 OF 6
			REV	C1

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