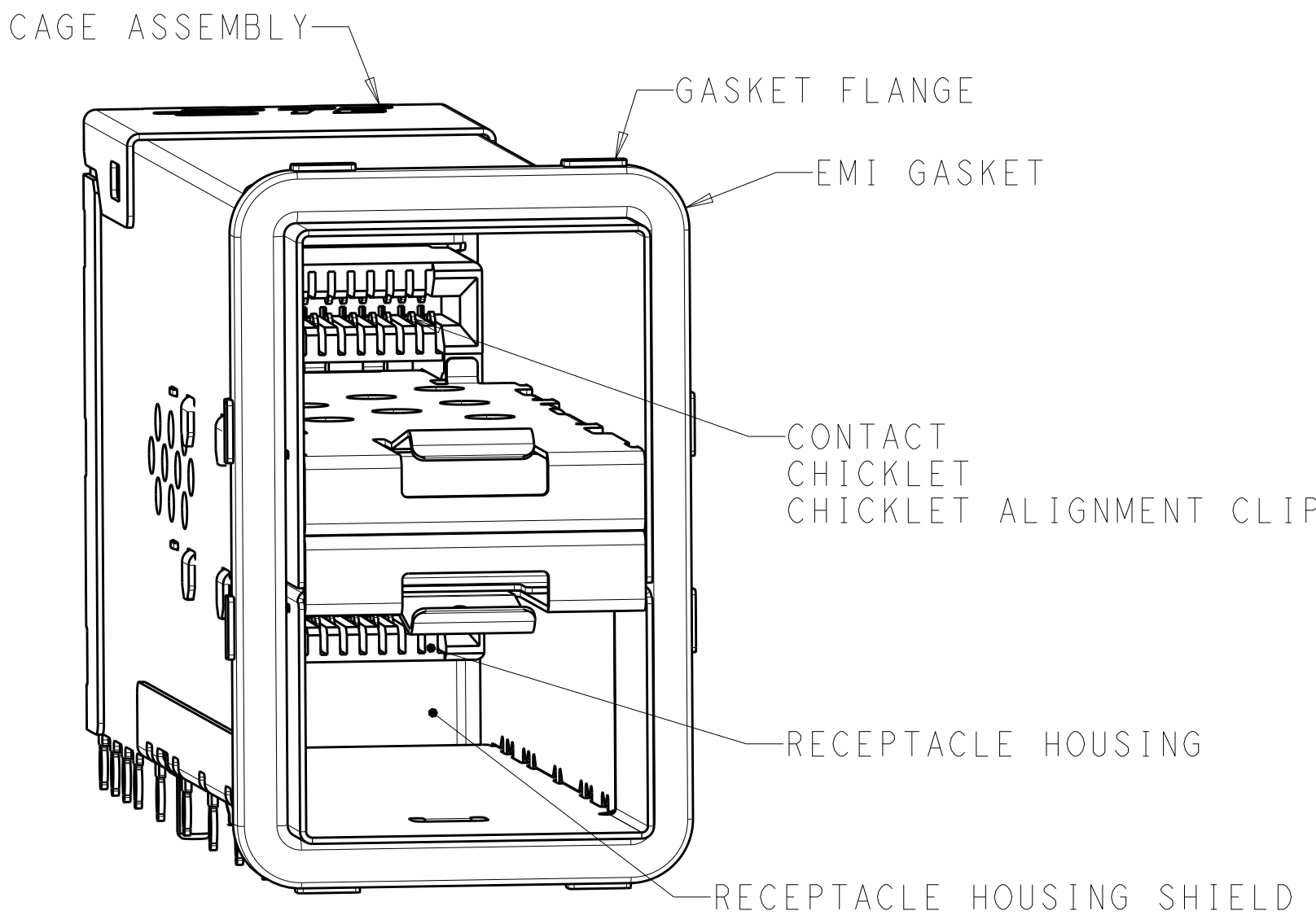
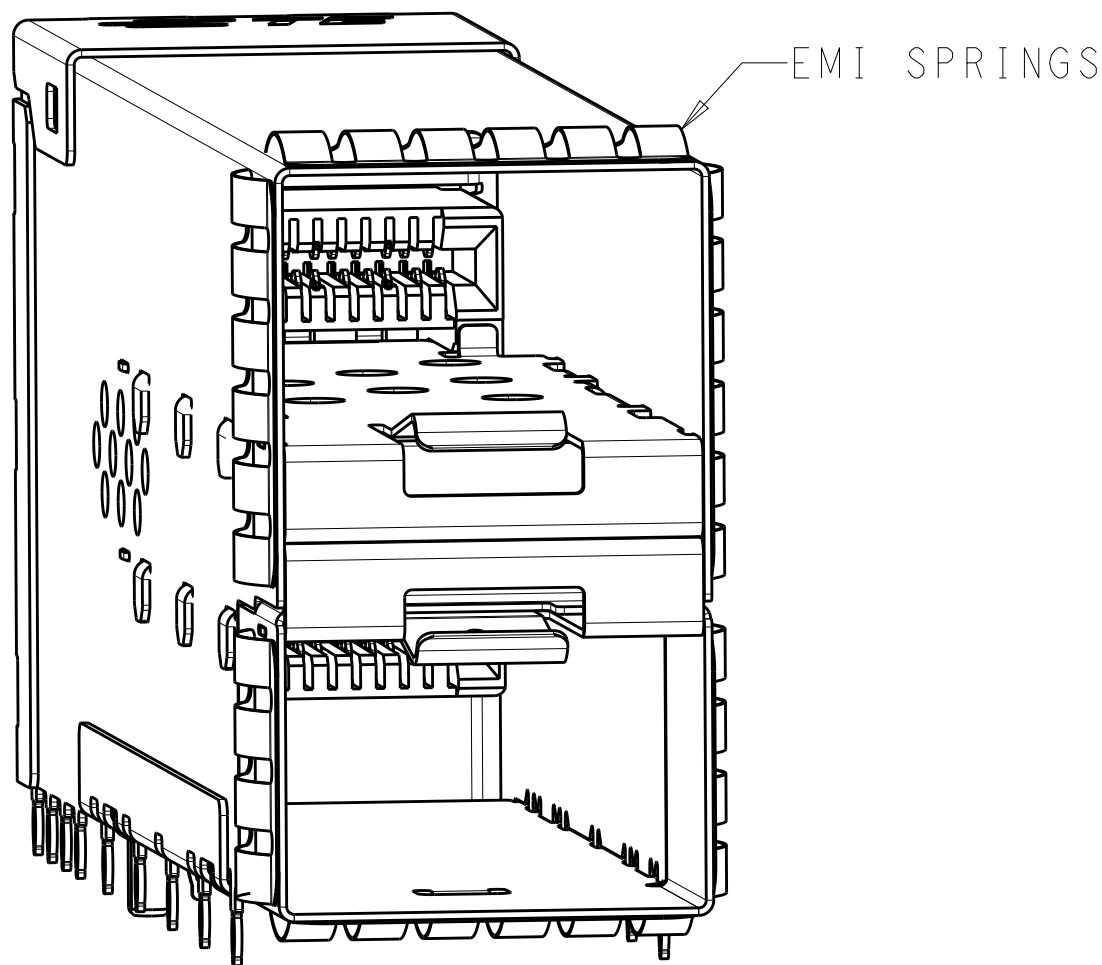


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH



2198318-1
SCALE 4:1



2198318-5
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

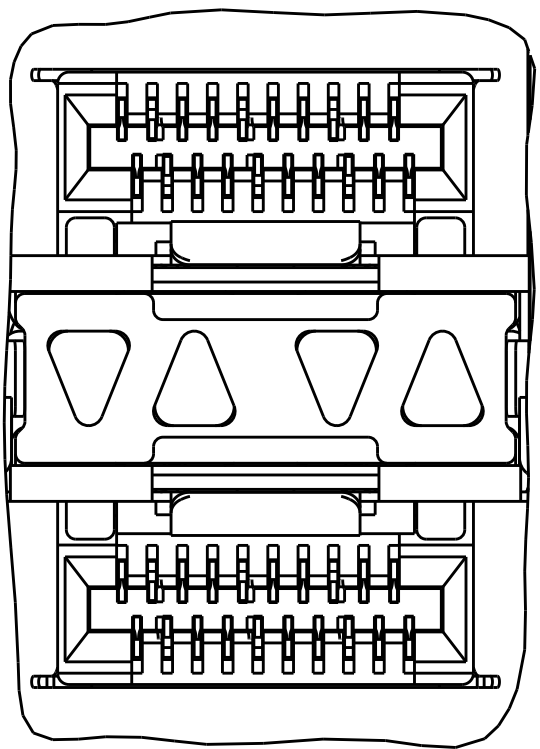
3. PCB MINIMUM THICKNESS = 1.5mm

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

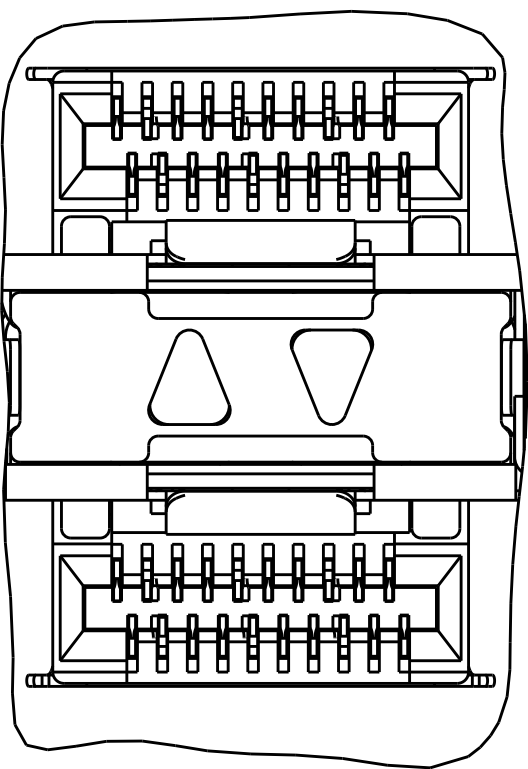
5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE
LED PACKAGE WITH A HEIGHT OF 0.8mm

6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY

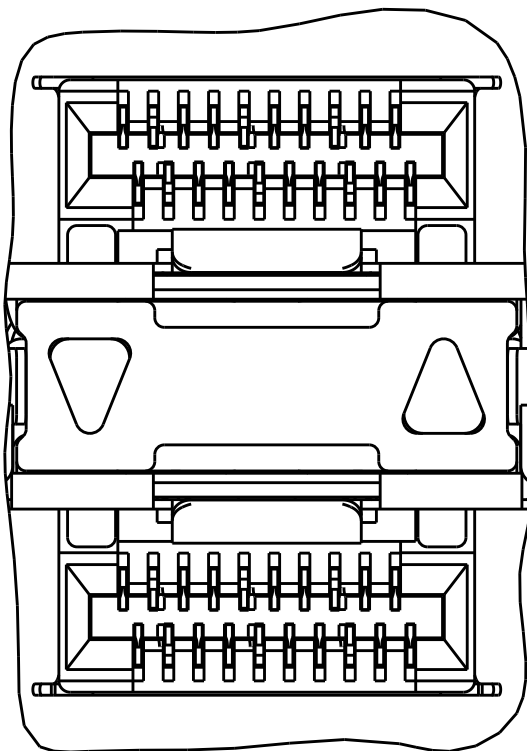
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE
DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS
AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED
WITHIN CONNECTOR HOLE PATTERN



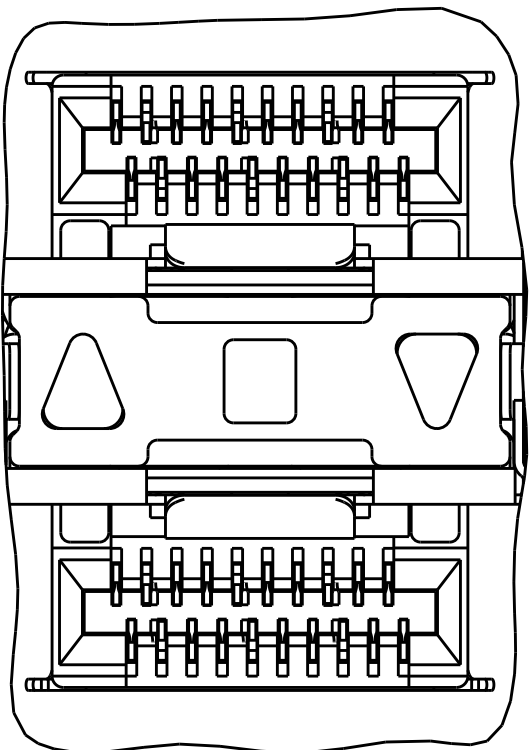
INNER/OUTER LIGHT PIPES
2198318-2, 2198318-6
SCALE 5:1



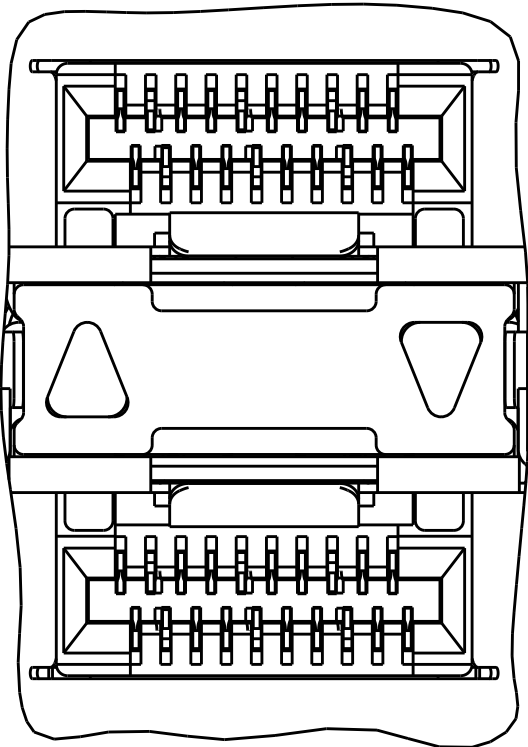
INNER LIGHT PIPES
2198318-3, 2198318-7
SCALE 5:1



OUTER LIGHT PIPES
2198318-4, 2198318-8
SCALE 5:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2198318-7, 1-2198318-9
SCALE 5:1



REVERSED OUTER LIGHT PIPES
1-2198318-8, 2-2198318-0
SCALE 5:1

16.75	EMI SPRINGS	REVERSED OUTER	2-2198318-0
		CENTER/REVERSED OUTER	1-2198318-9
19.5	EMI GASKET	REVERSED OUTER	1-2198318-8
		CENTER/REVERSED OUTER	1-2198318-7
16.75	EMI SPRINGS	OUTER	2198318-8
		INNER	2198318-7
		INNER/OUTER	2198318-6
		NONE	2198318-5
19.5	EMI GASKET	OUTER	2198318-4
		INNER	2198318-3
		INNER/OUTER	2198318-2
		NONE	2198318-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 17OCT2011	 TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 18OCT2011		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 18OCT2011	NAME RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+	
		PRODUCT SPEC		
		108-2481		
		APPLICATION SPEC		
MATERIAL SEE NOTES	FINISH SEE NOTES	114-13319	SIZE CAGE CODE DRAWING NO A100779C=2198318	
		WEIGHT	RESTRICTED TO	
Customer Drawing		SCALE 4:1	SHEET 1 OF 4	REV B

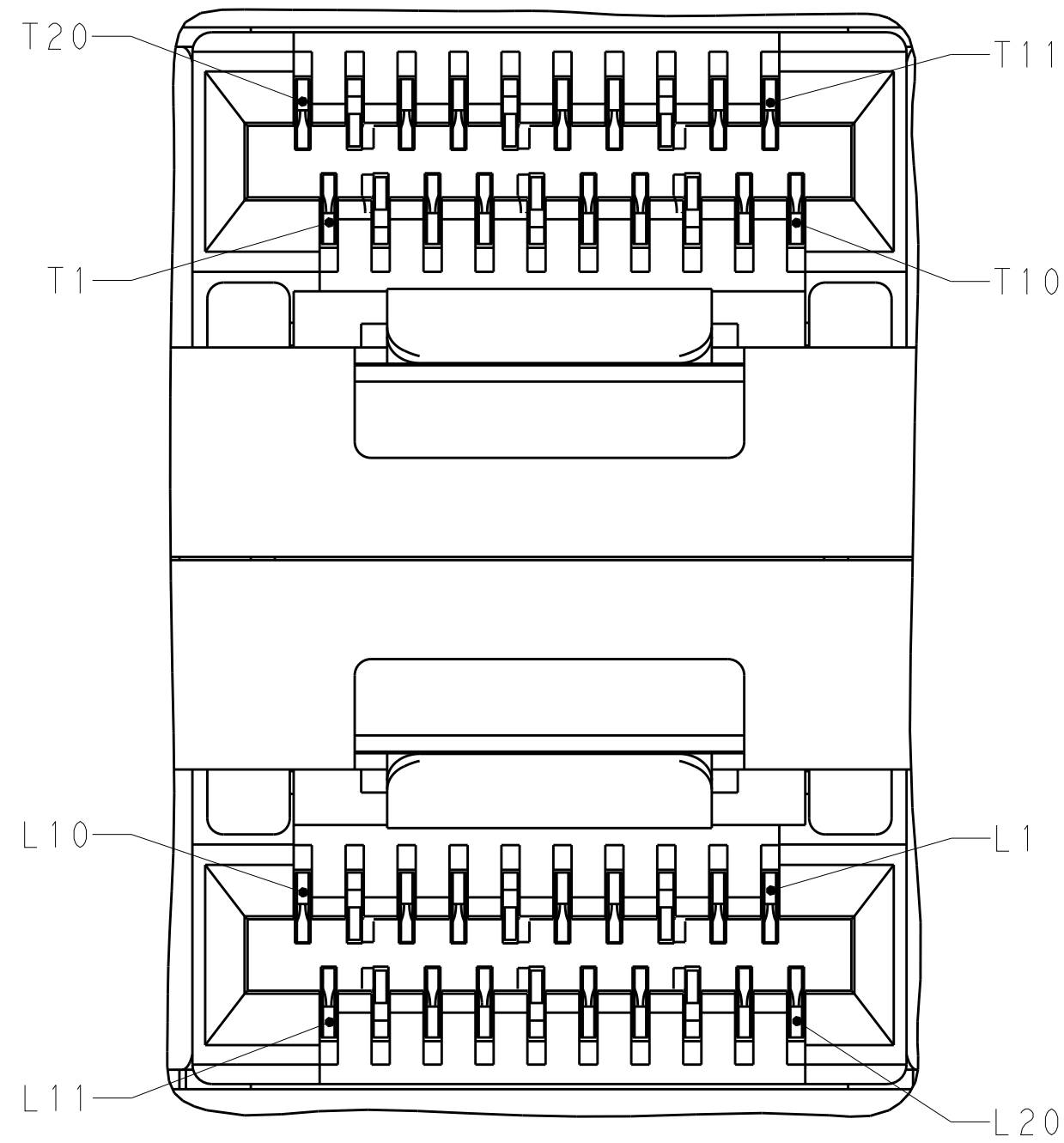
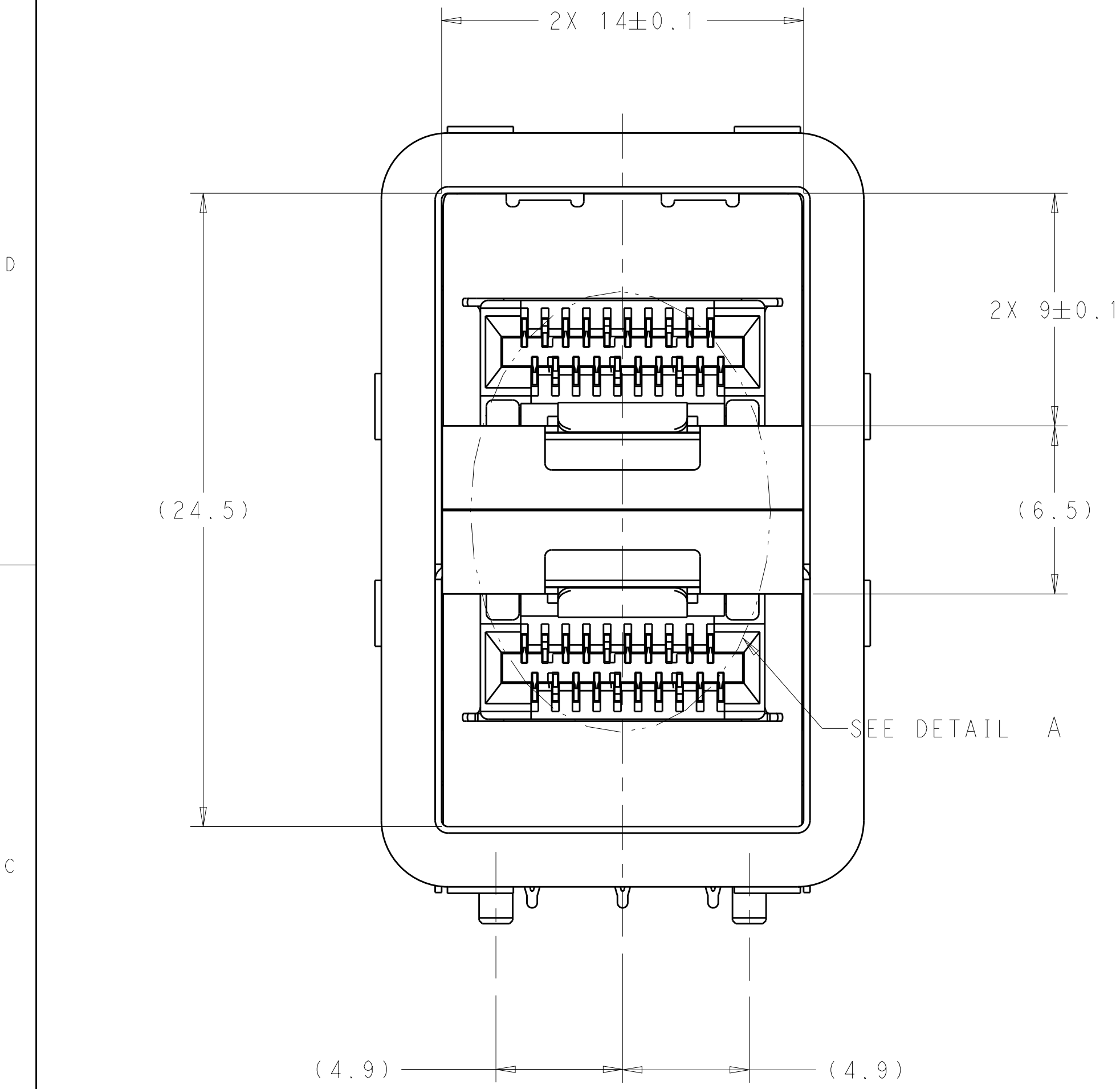
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

D

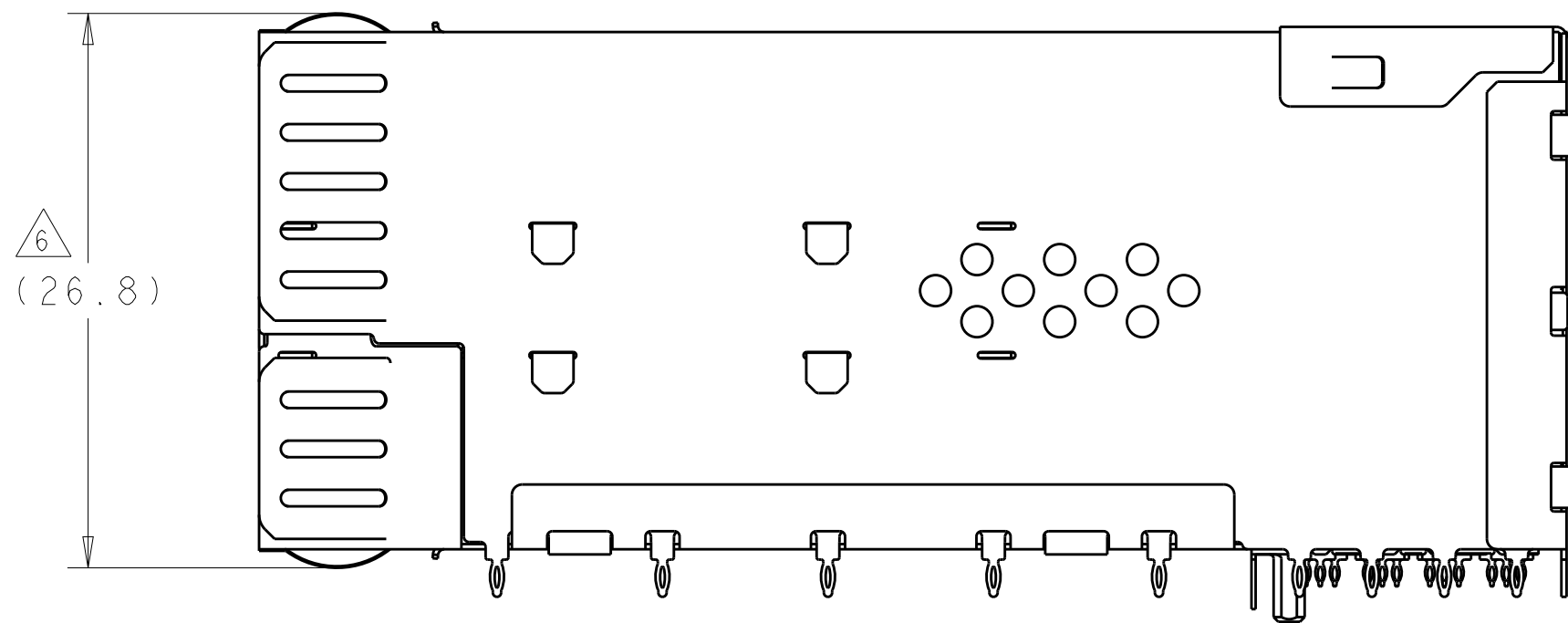
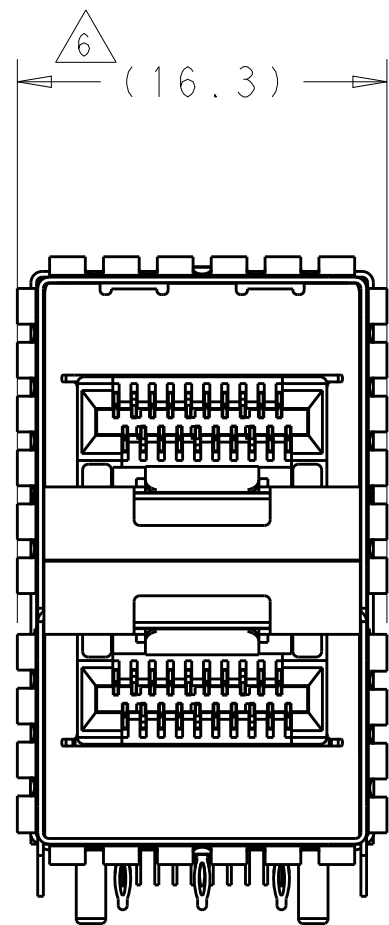
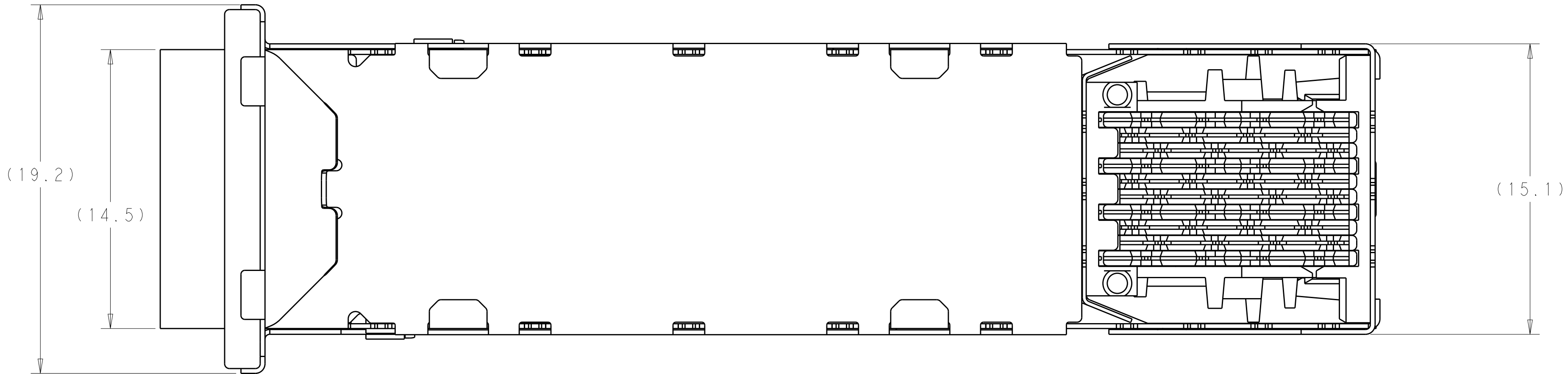
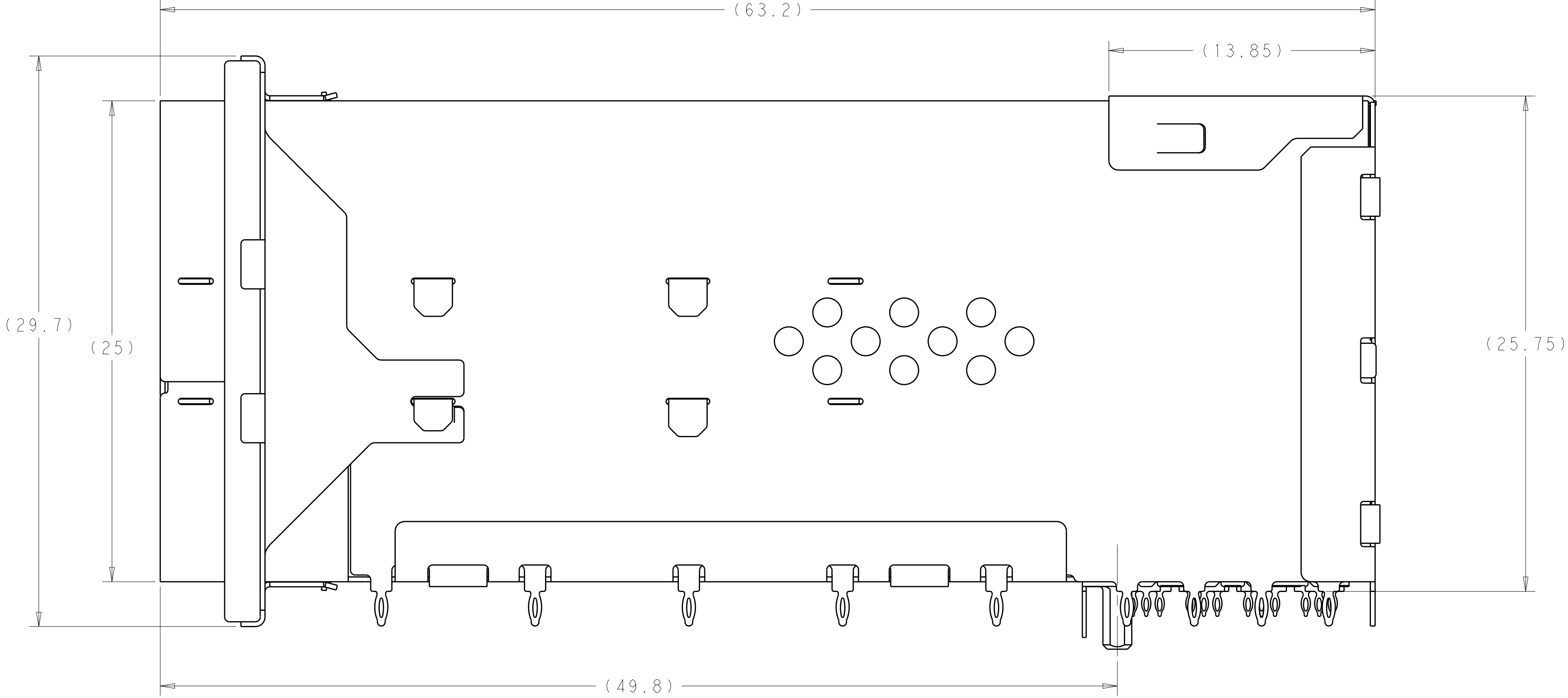
C

B

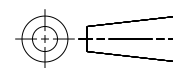
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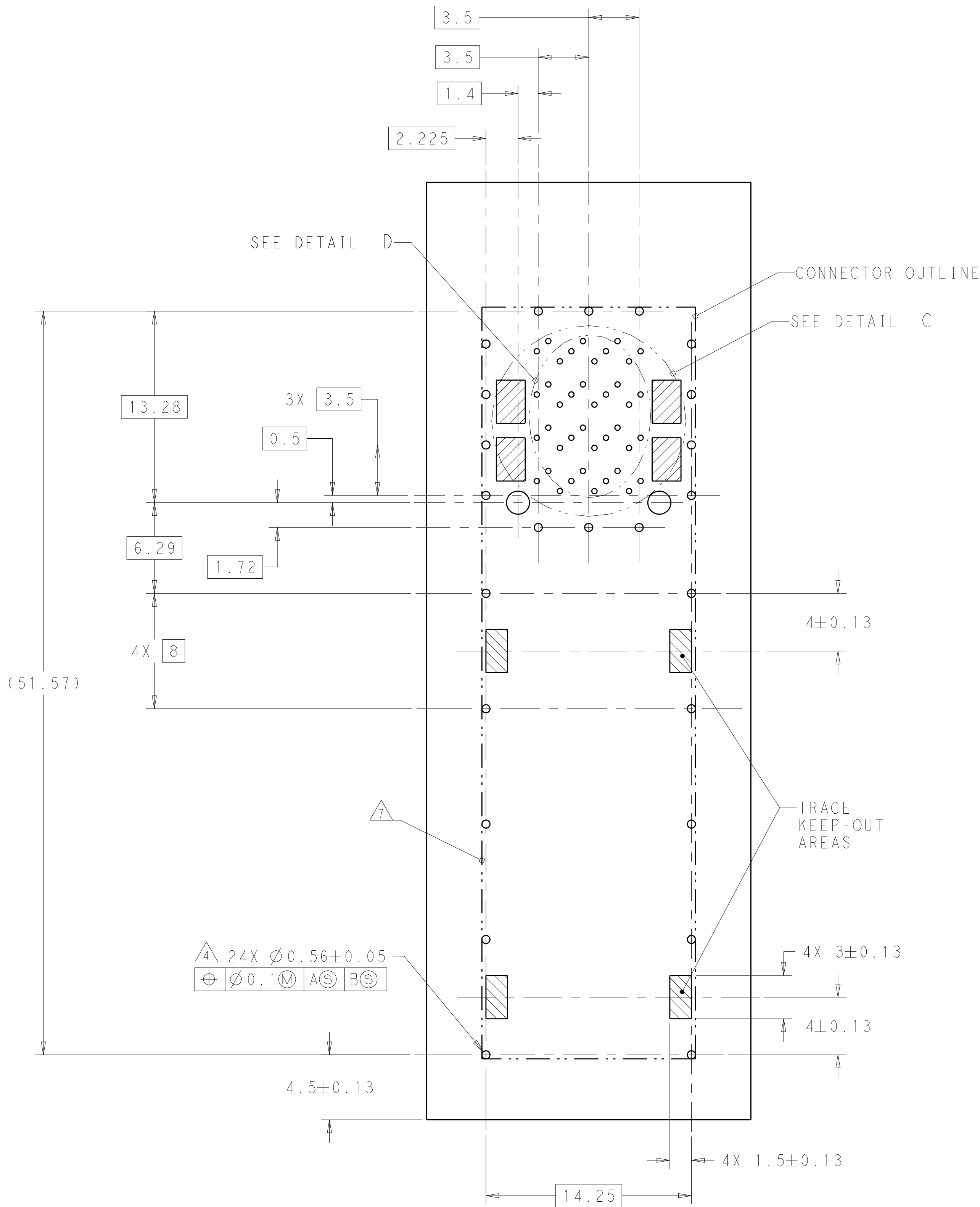
DETAIL A
2 PLACES
SCALE 10:1



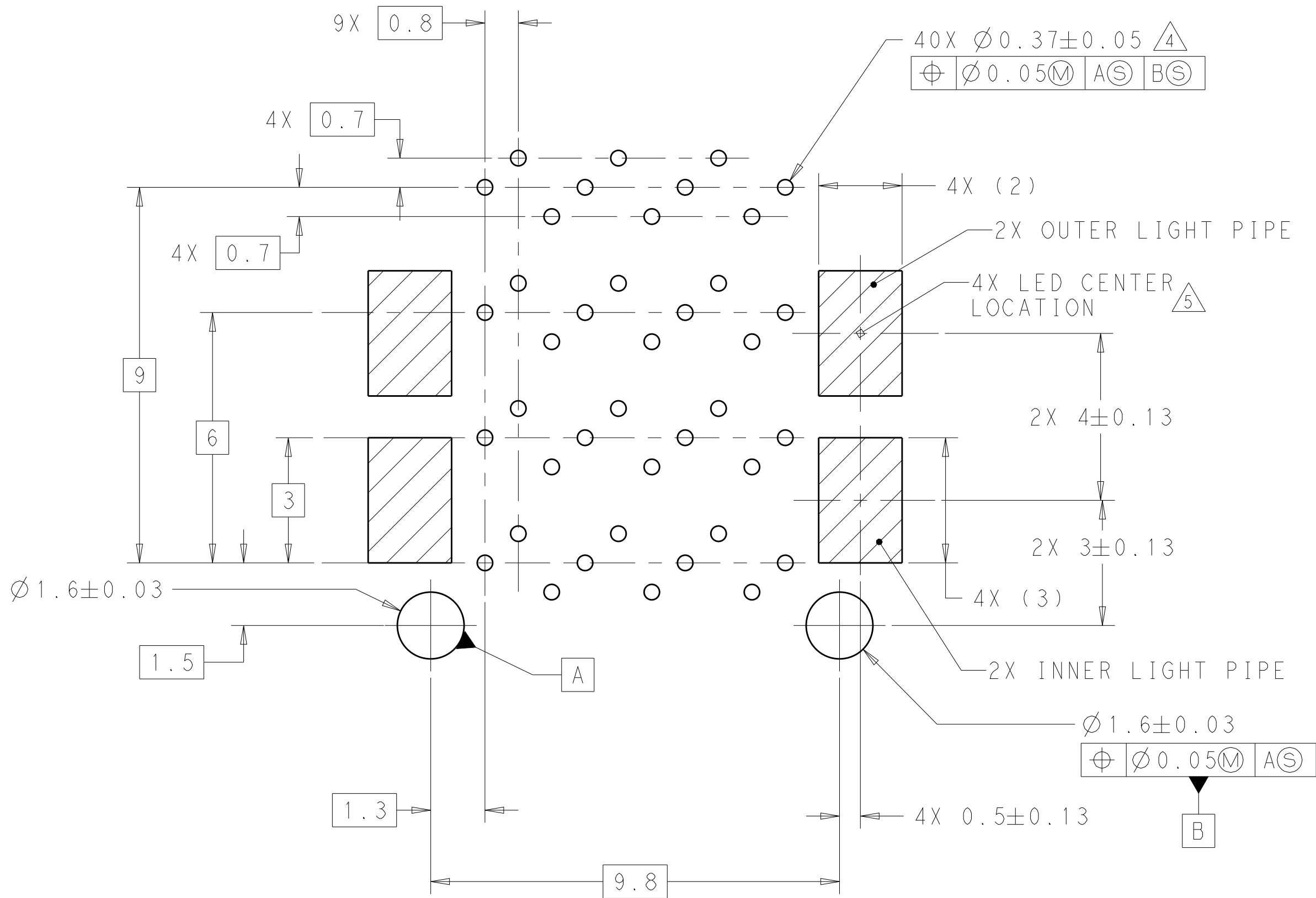
2198318-5 THRU 2198318-8, 1-2198318-9, 2-2198318-0
EMI SPRINGS ONLY
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN M.E. CONNER 17OCT2011		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M.D. MORRISON 18OCT2011			
mm				APVD M.D. MORRISON 18OCT2011		NAME	
		0 PLC ±		PRODUCT SPEC		RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+ -	
		1 PLC ±		108-2481			
		2 PLC ±		APPLICATION SPEC			
		3 PLC ±		114-13319			
4 PLC ±		ANGLES ±		WEIGHT		SIZE CASE CODE DRAWING NO	
MATERIAL		FINISH		-		A100779C=2198318	
SEE NOTES		SEE NOTES		Customer Drawing		RESTRICTED TO	
						SCALE 6:1 SHEET 2 OF 4 REV B	

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



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 18OCT2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 18OCT2011	NAME RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+	
	0 PLC	±	PRODUCT SPEC	SIZE
	1 PLC	±	108-2481	CAGE CODE
	2 PLC	±	APPLICATION SPEC	DRAWING NO
	3 PLC	±	114-13319	RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A100779C=2198318	REV
SEE NOTES	SEE NOTES	Customer Drawing	SCALE 4:1	SHEET 3 OF 4

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

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

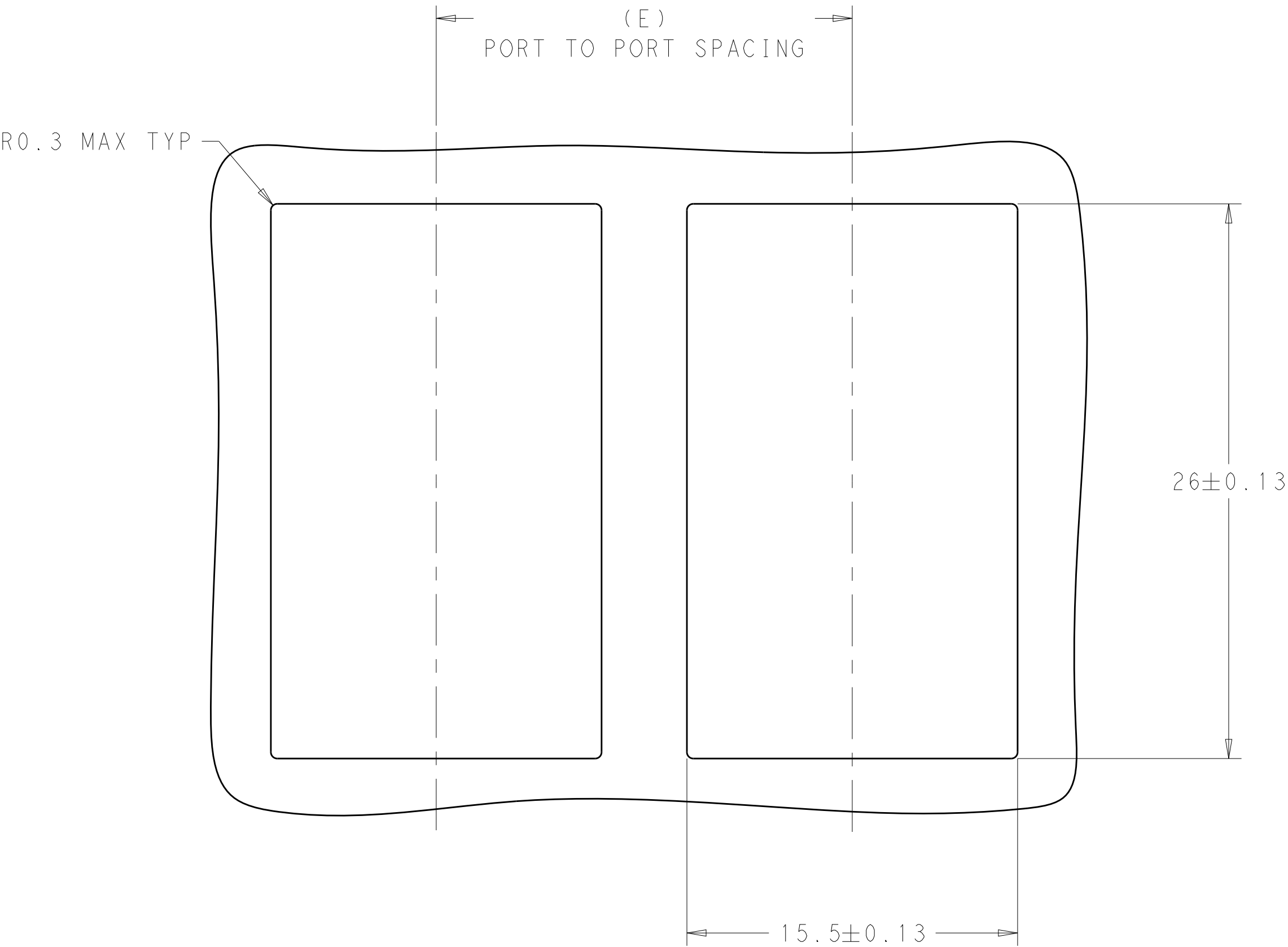
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

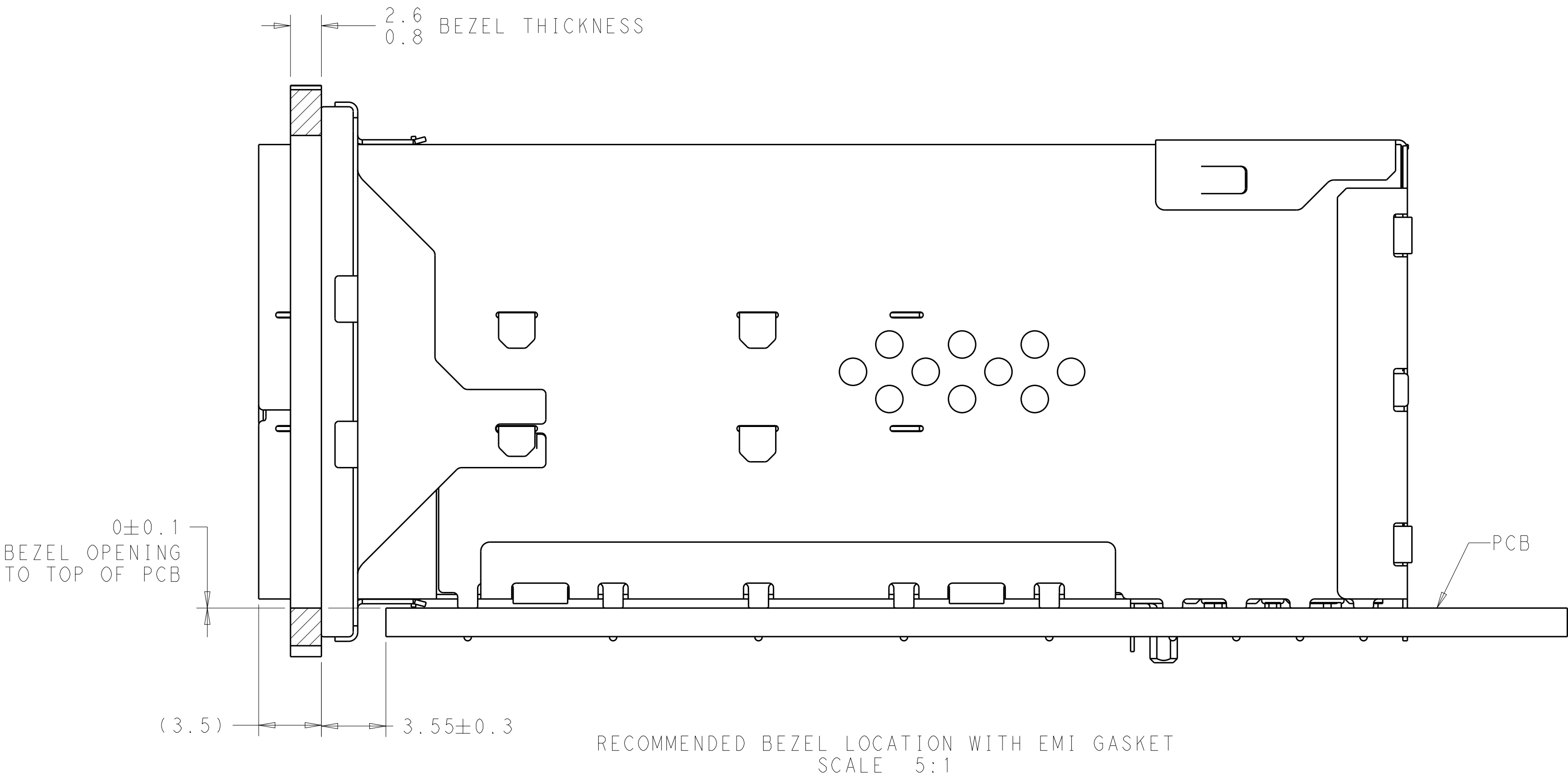
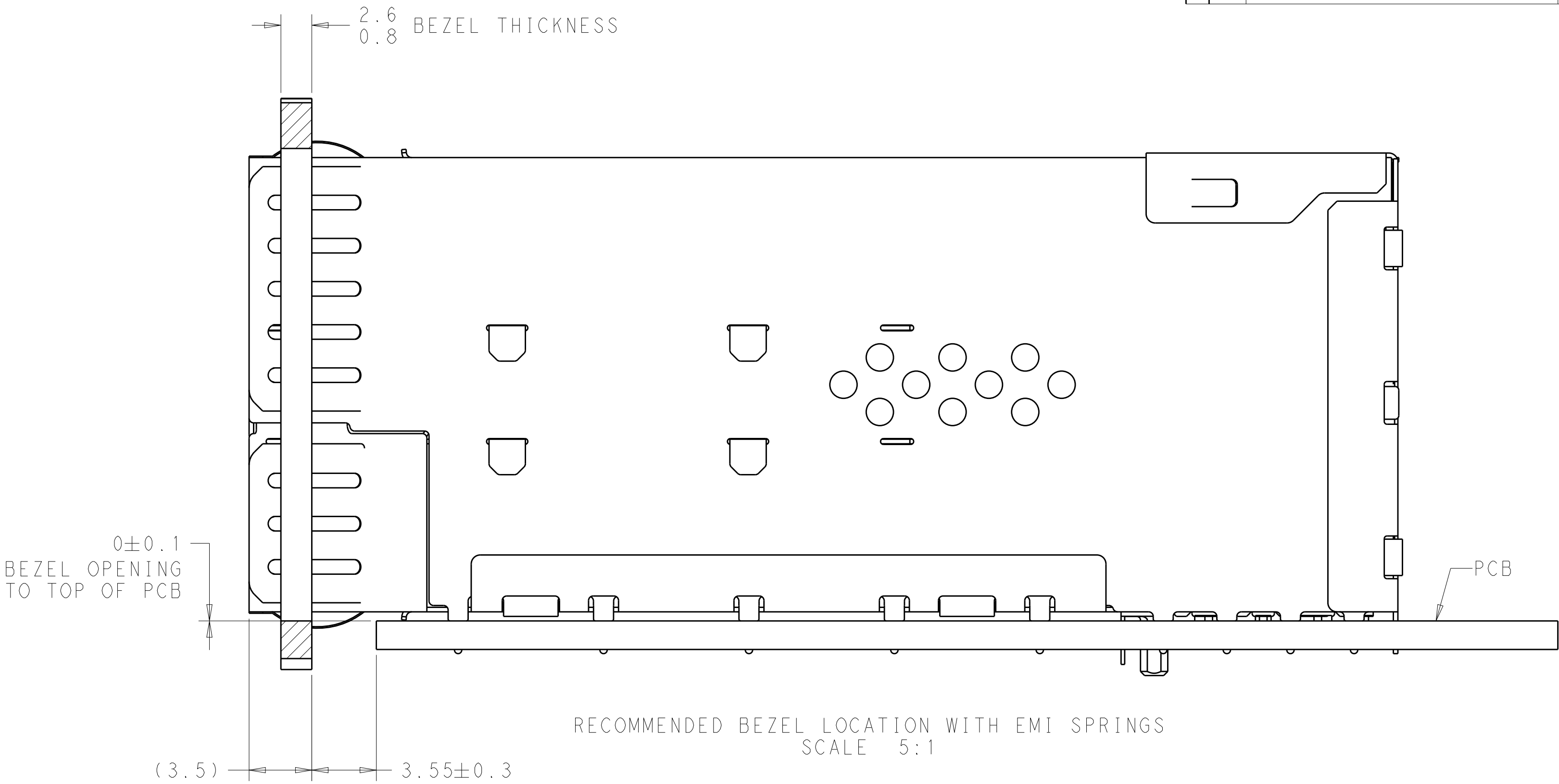
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

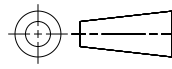
DETAIL D
PIN MAP
SCALE 15:1

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



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 5:1



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DIMENSIONS:		CHK M.D. MORRISON	18OCT2011		
mm		APVD M.D. MORRISON	18OCT2011	NAME RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ±"		108-2481	
		1 PLC ±"		APPLICATION SPEC	
		2 PLC ±"		114-13319	
MATERIAL SEE NOTES		FINISH SEE NOTES		WEIGHT -	
				Customer Drawing	
				SCALE 4:1 SHEET 4 OF 4 REV B	

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