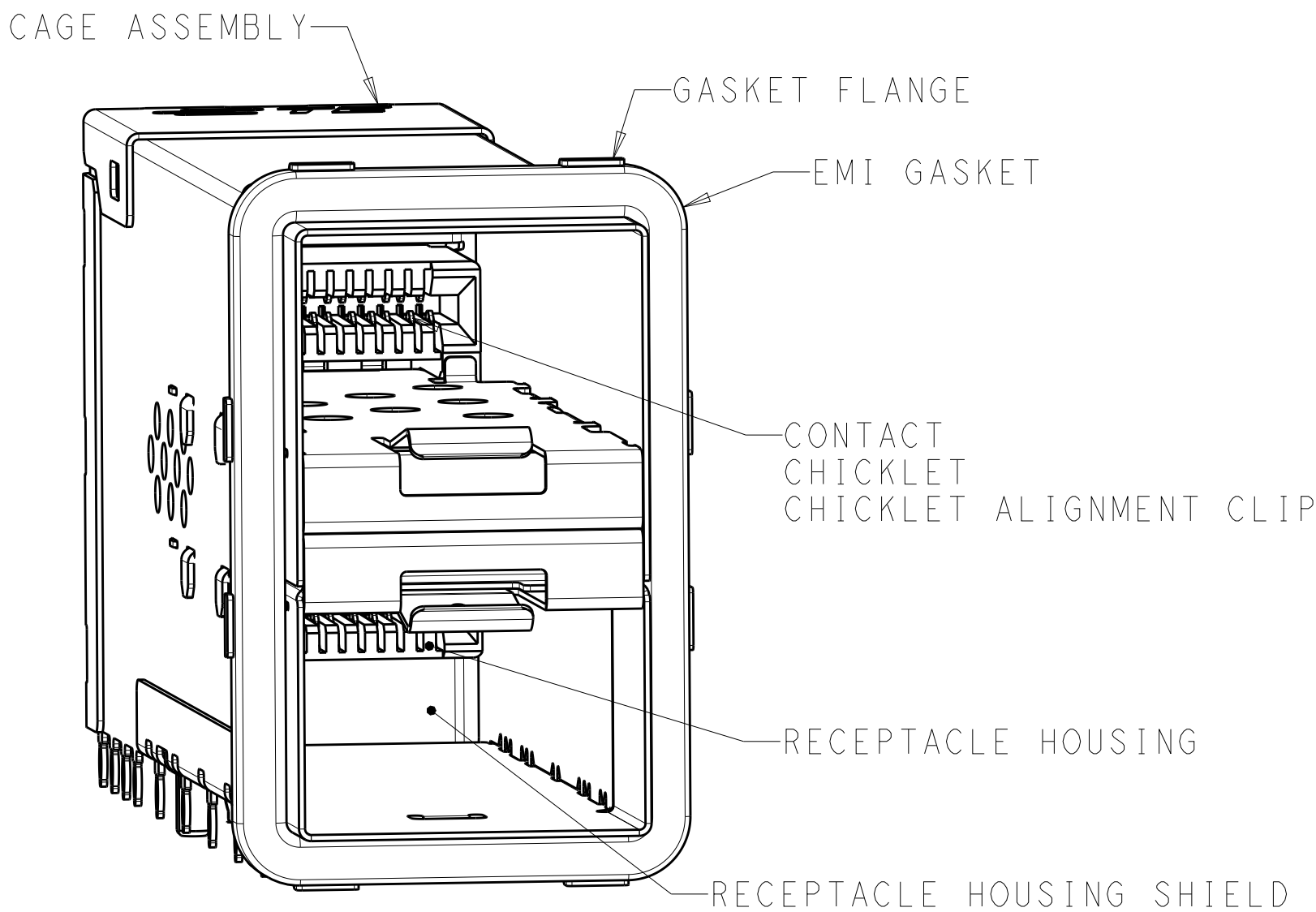
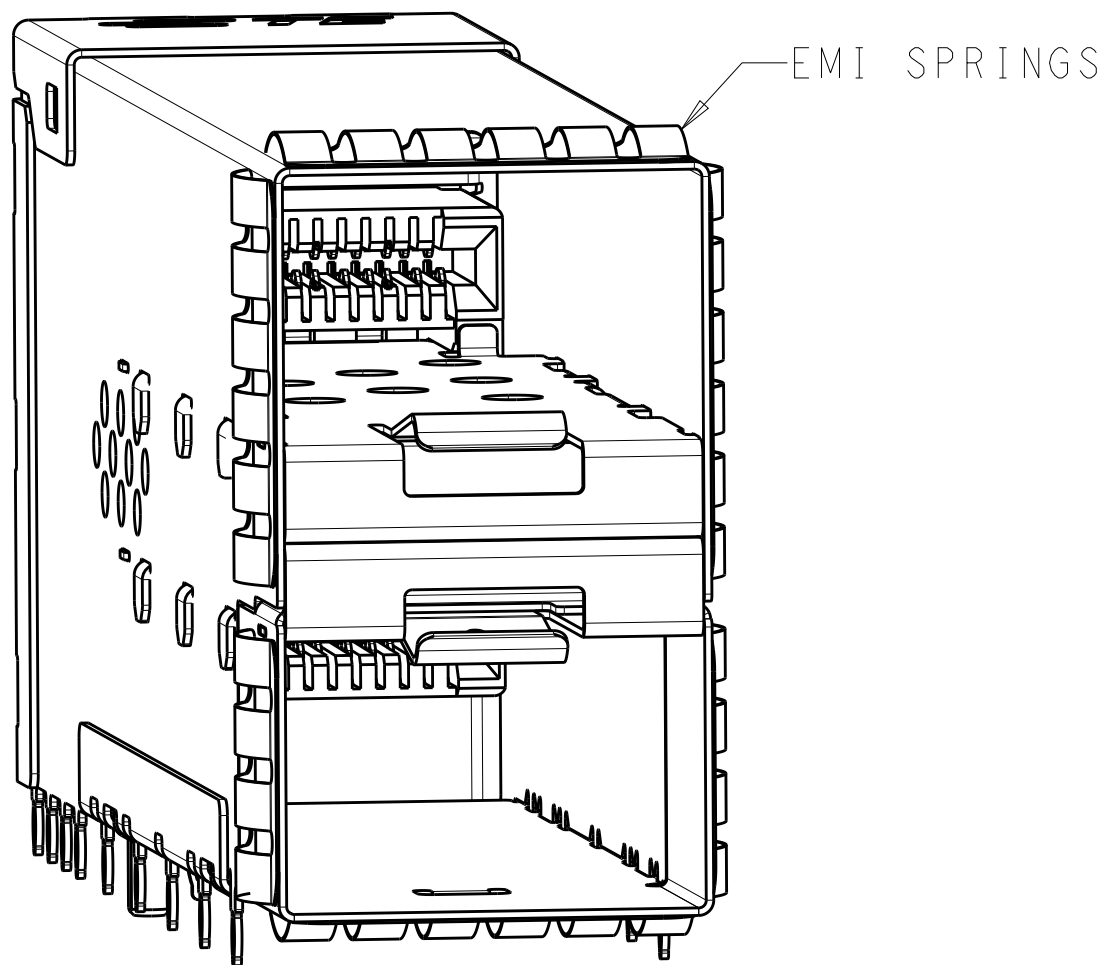


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH



2198318-1
SCALE 4:1



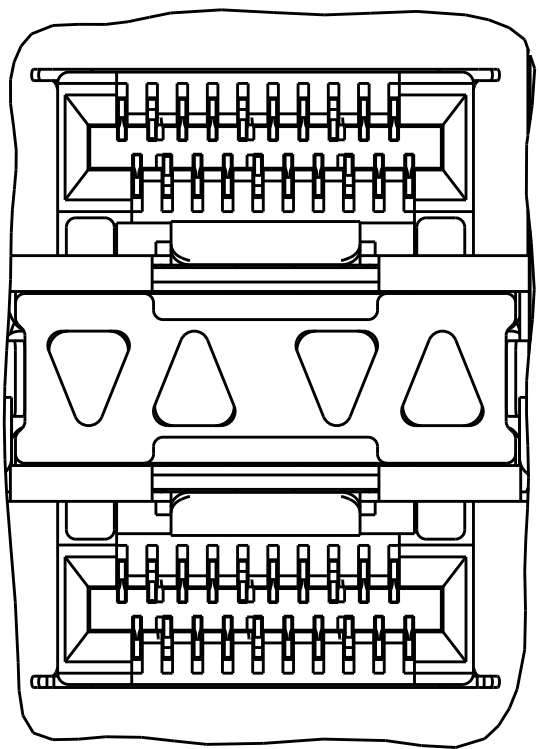
2198318-5
SCALE 4:1

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

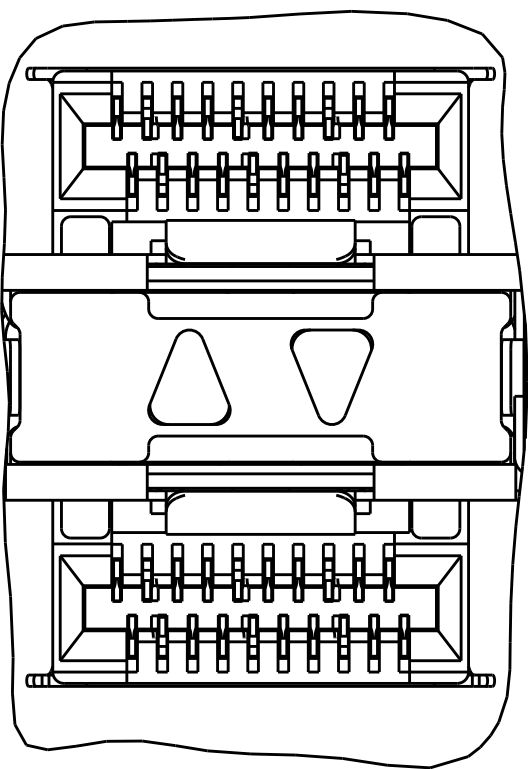
2. CONTACT FINISH:
CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

3. PCB MINIMUM THICKNESS = 1.5mm

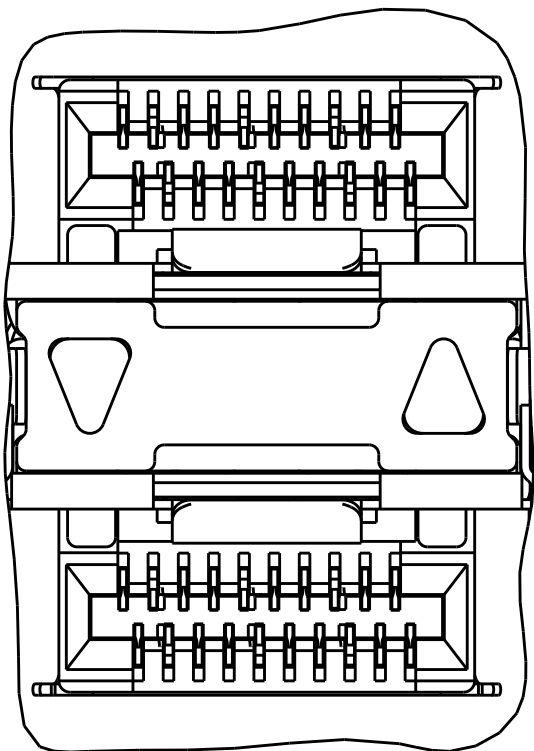
4. FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPECIFICATION 114-13319
5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm
6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN



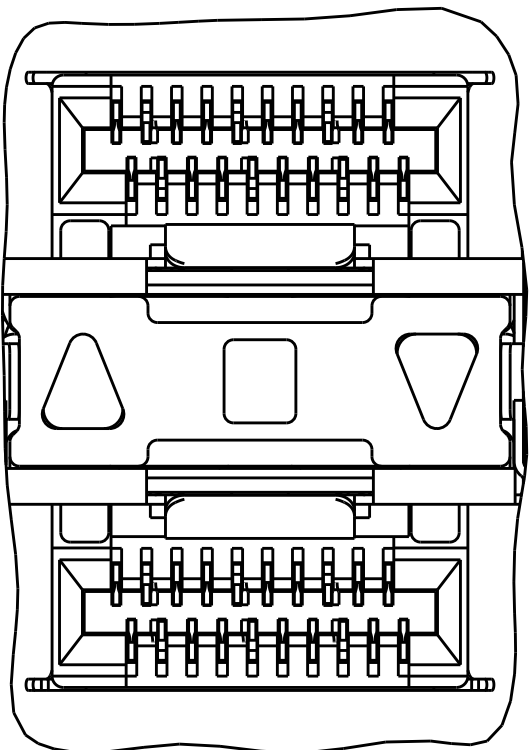
INNER/OUTER LIGHT PIPES
2198318-2, 2198318-6
SCALE 5:1



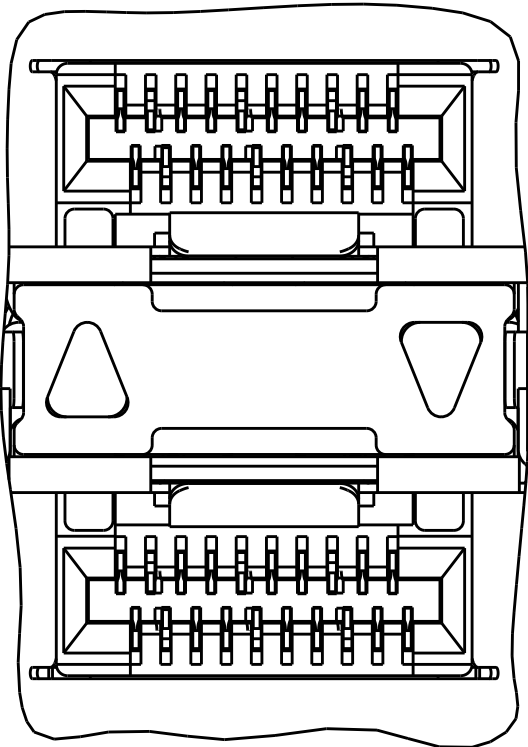
INNER LIGHT PIPES
2198318-3, 2198318-7
SCALE 5:1



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

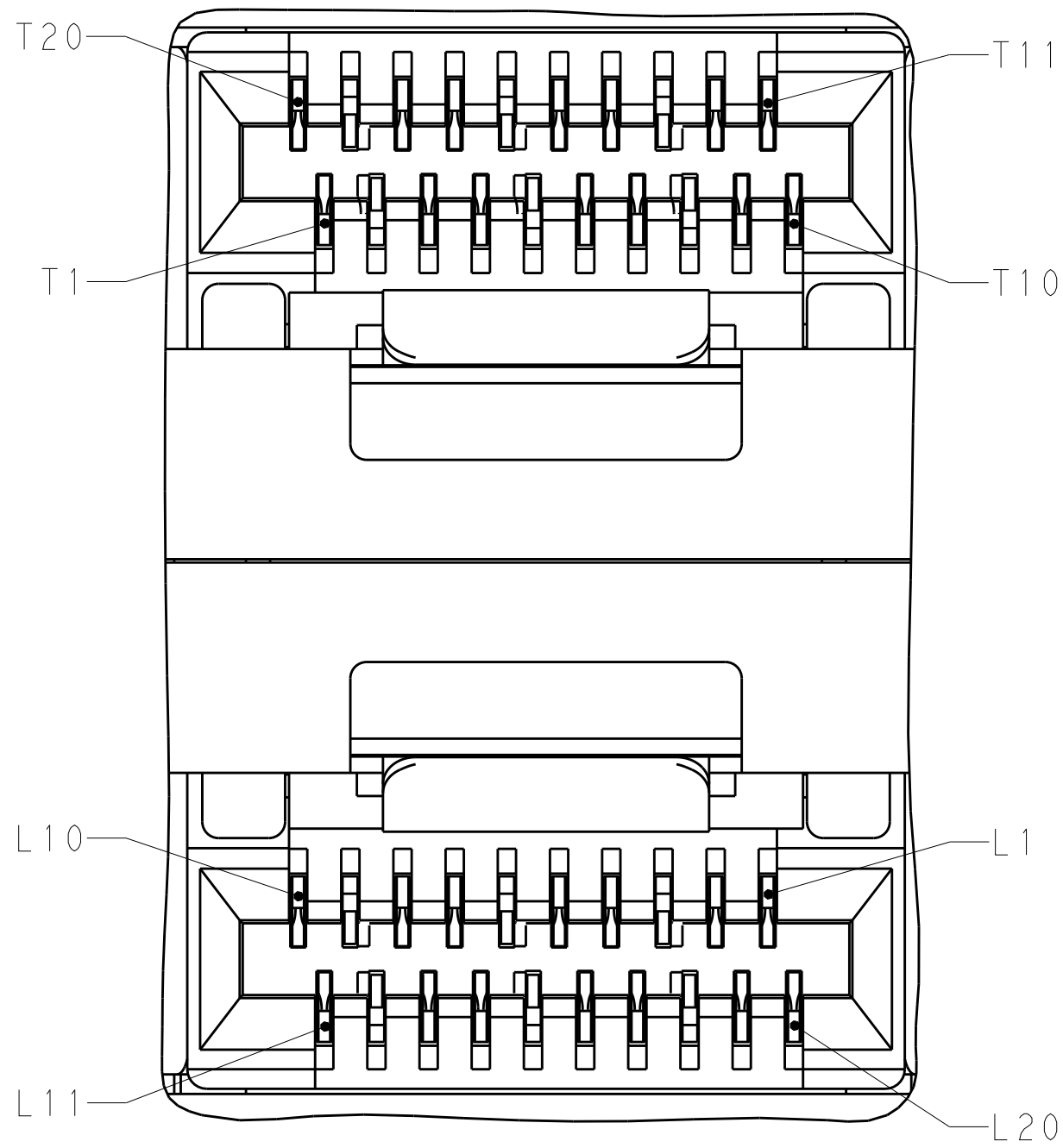
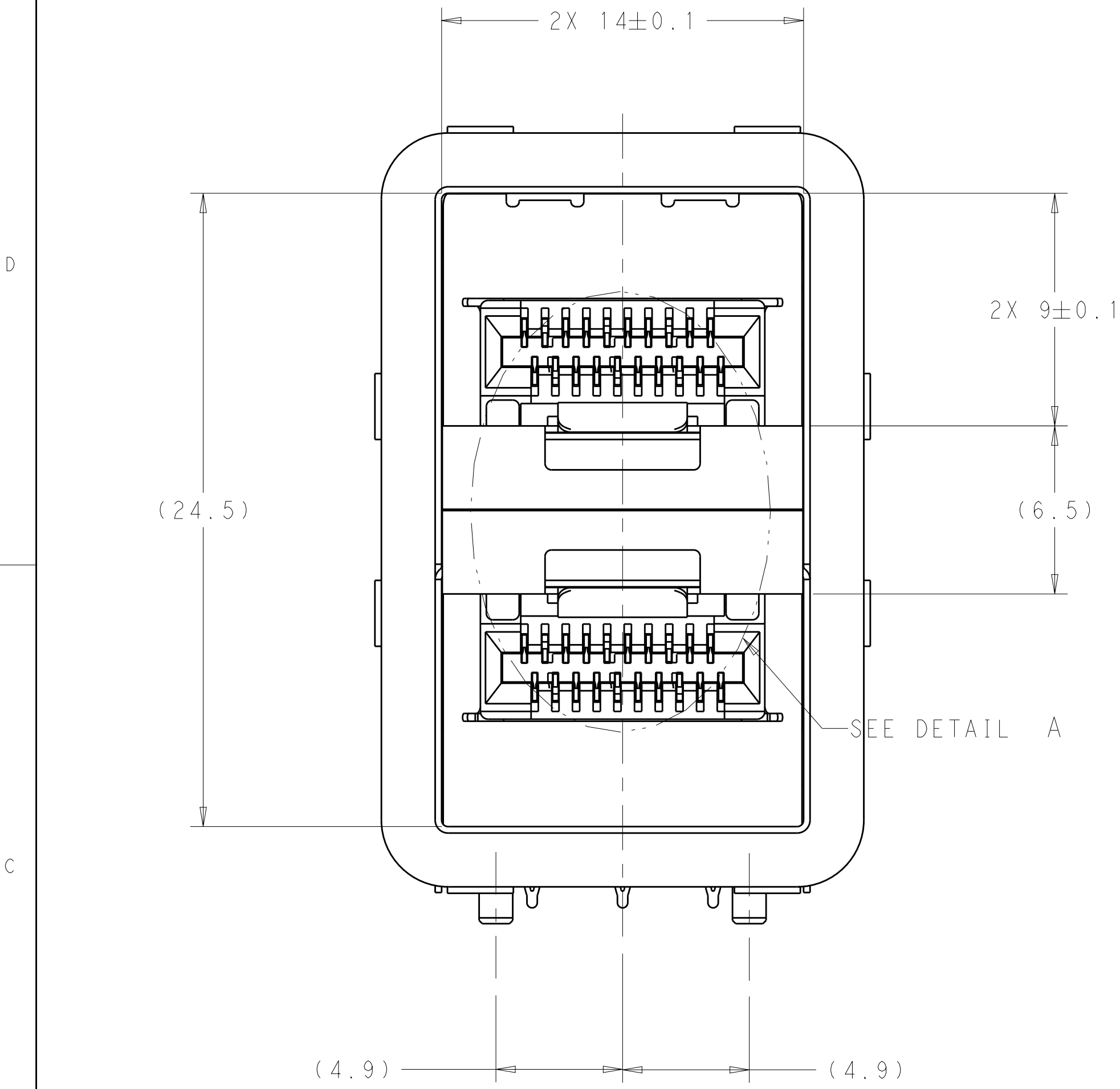
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

D

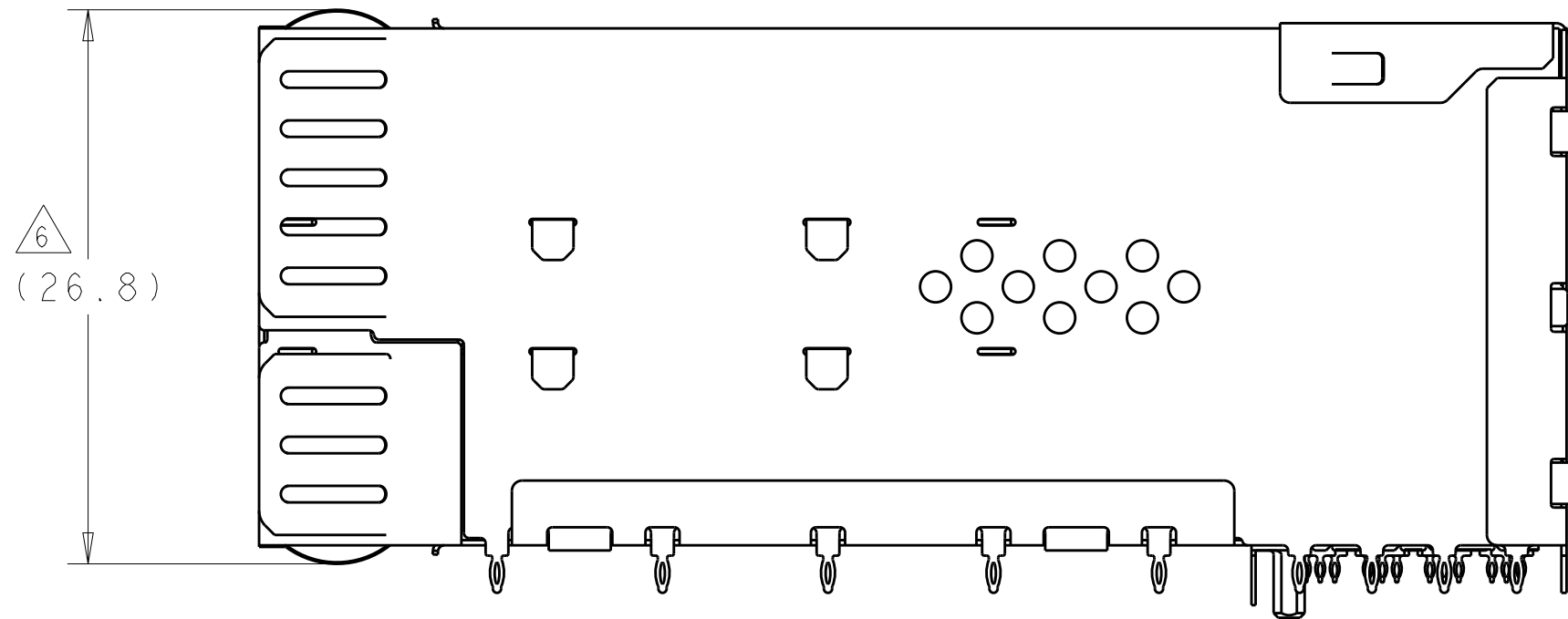
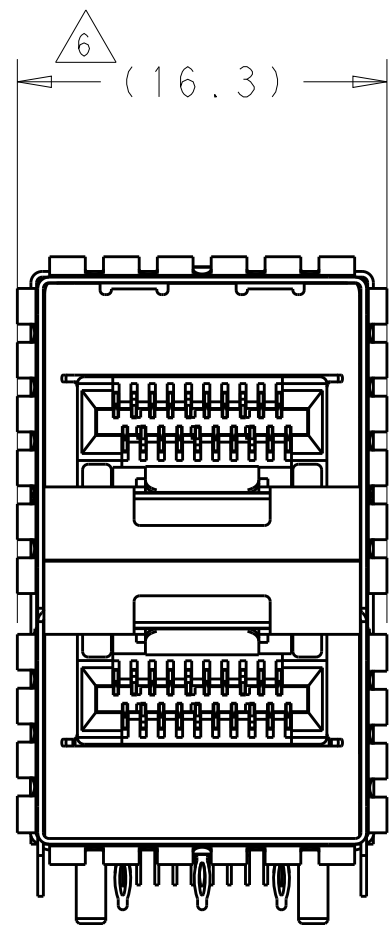
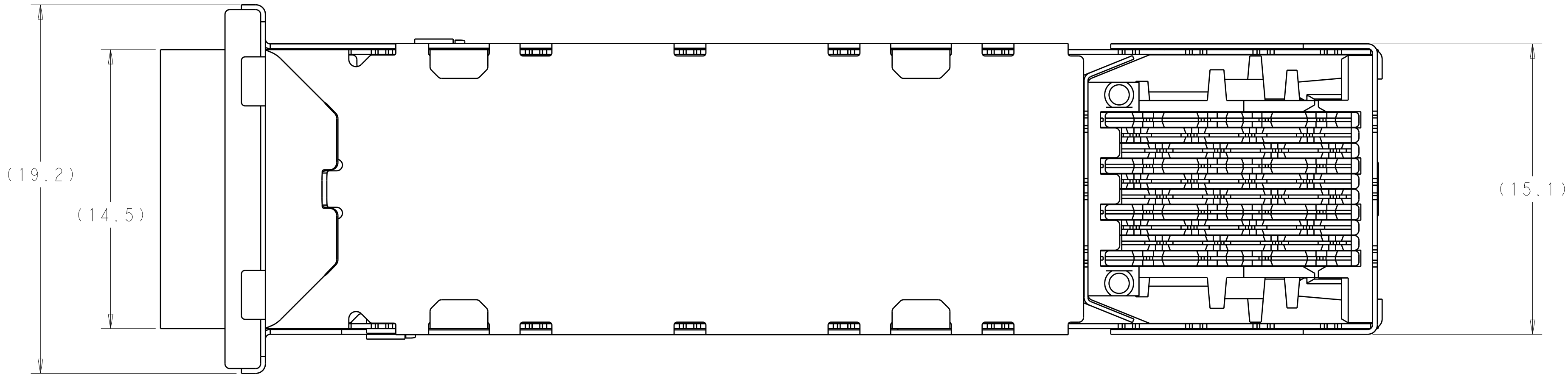
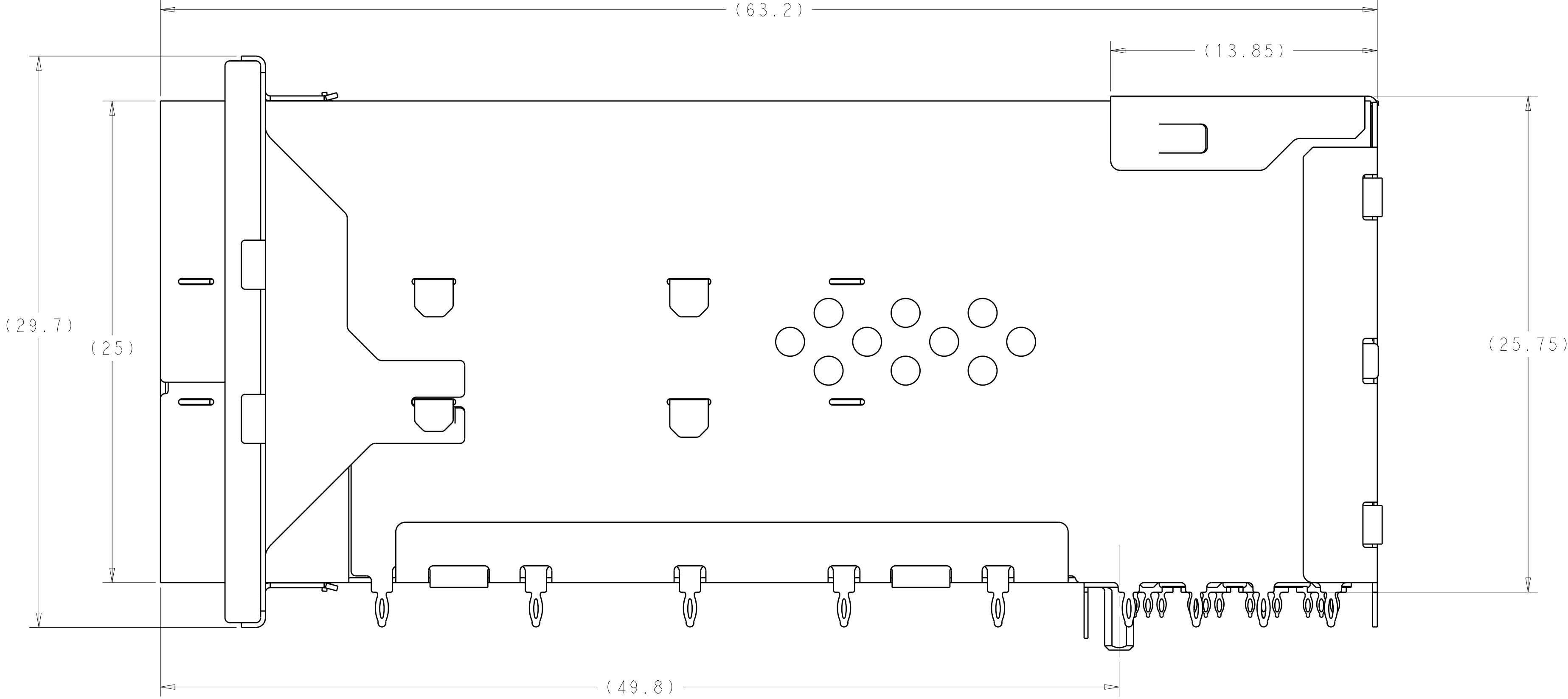
C

B

A



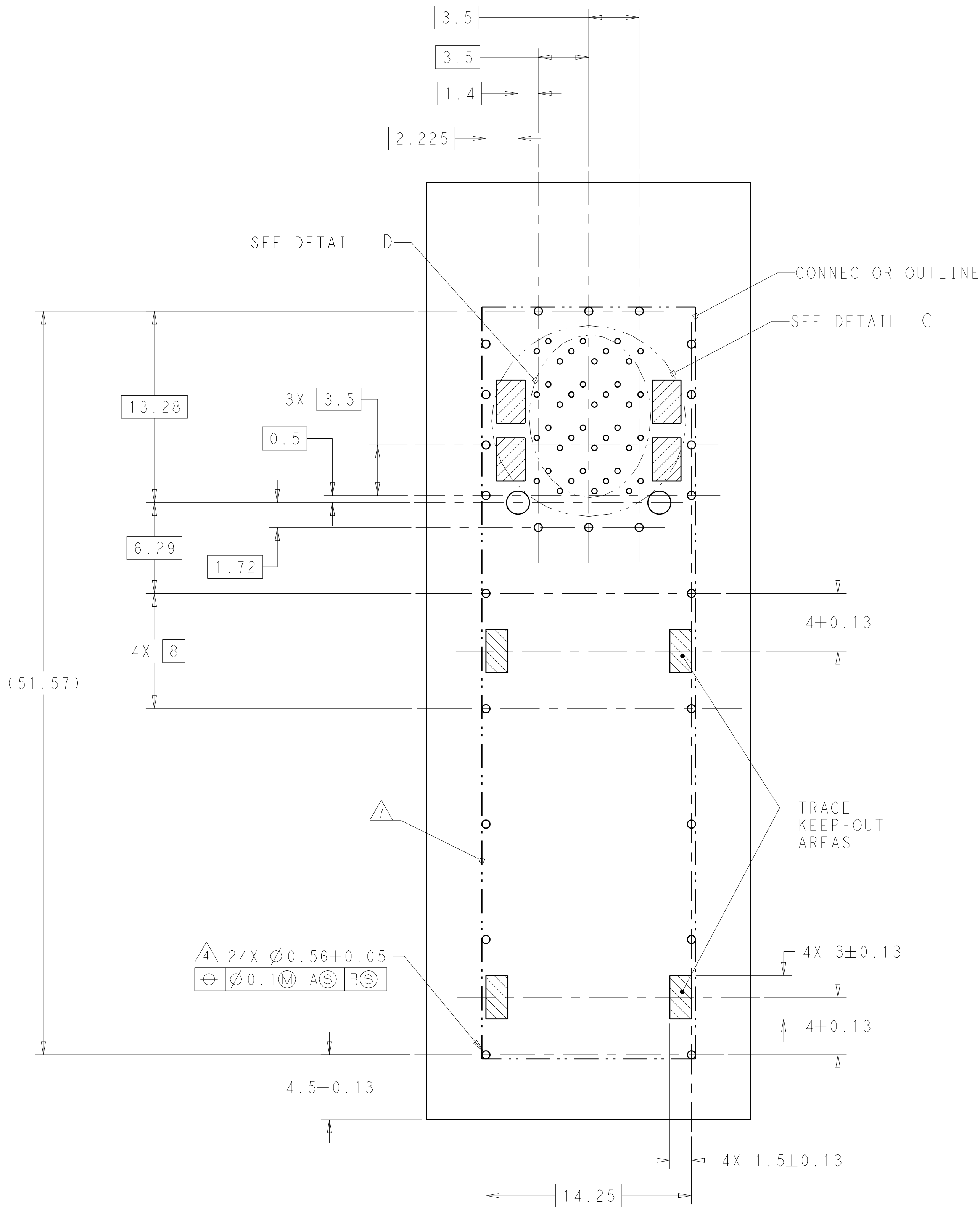
DETAIL A
2 PLACES
SCALE 10:1



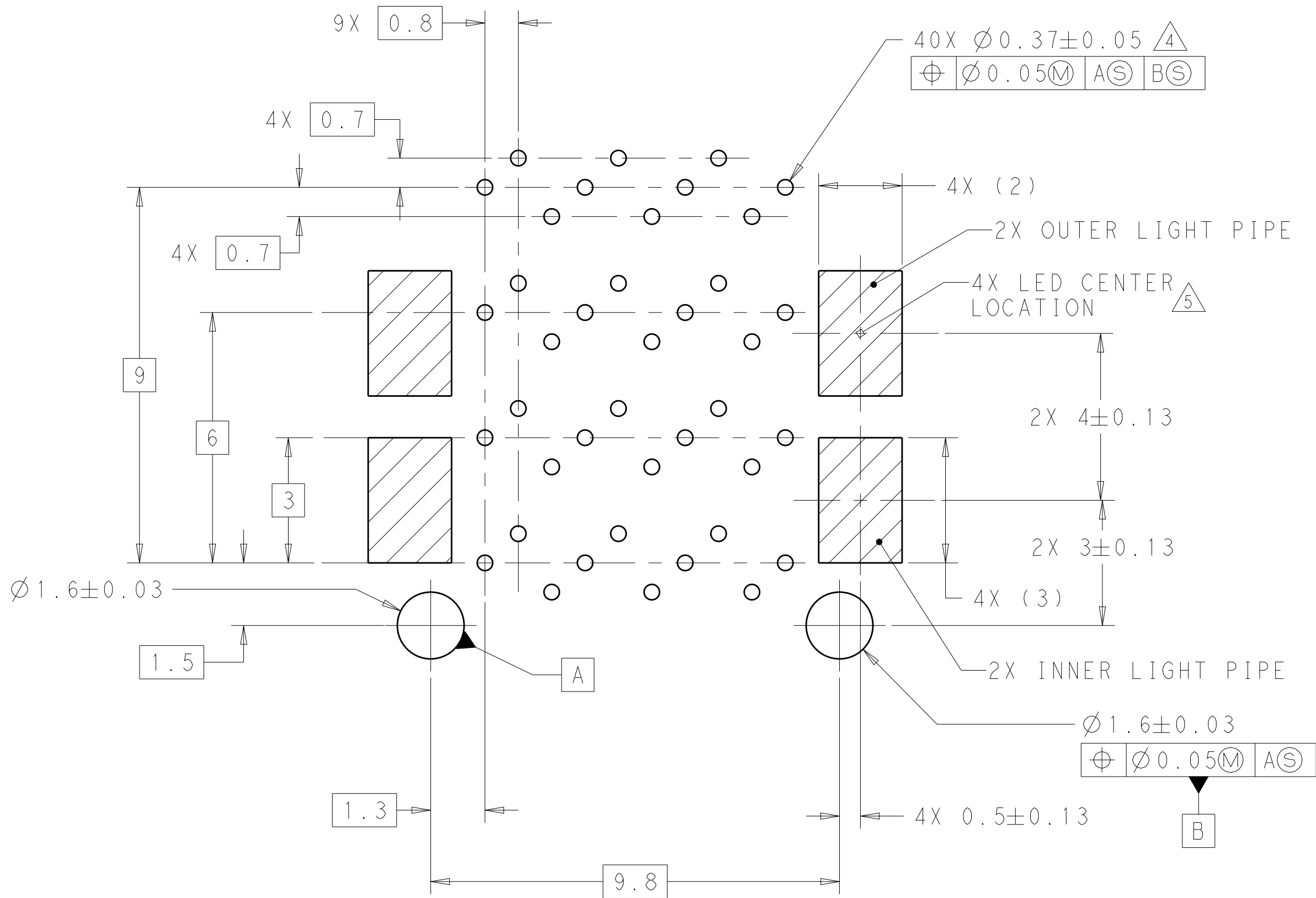
2198318-5 THRU 2198318-8, 1-2198318-9, 2-2198318-0
EMI SPRINGS ONLY
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M.E. CONNER	17OCT2011	 TE Connectivity									
				CHK	M.D. MORRISON	18OCT2011										
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.D. MORRISON	18OCT2011	NAME		RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+							
mm				PRODUCT SPEC												
		0 PLC ±		108-2481			SIZE		CAGE CODE		DRAWING NO	RESTRICTED TO				
		1 PLC ±		APPLICATION SPEC			A1		00779		C=2198318		-			
		2 PLC ±		114-13319			Customer Drawing		SCALE		6:1		SHEET	2 of 4		
		3 PLC ±											REV		B	
4 PLC ±		ANGLES														
MATERIAL		FINISH		WEIGHT												
SEE NOTES		SEE NOTES														

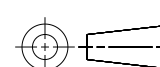
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
SCALE 5:1



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 17OCT2011	 TE Connectivity		
DIMENSIONS: mm		CHK M.D. MORRISON 18OCT2011			
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH	APVD M.D. MORRISON 18OCT2011	NAME RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+ -		
		PRODUCT SPEC 108-2481	SIZE A100779		
		APPLICATION SPEC 114-13319	CAGE CODE C=2198318		
		RESTRICTED TO -			
MATERIAL SEE NOTES		WEIGHT -	SCALE 4:1		
		Customer Drawing	SHEET 3 OF 4		
			REV B		

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

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

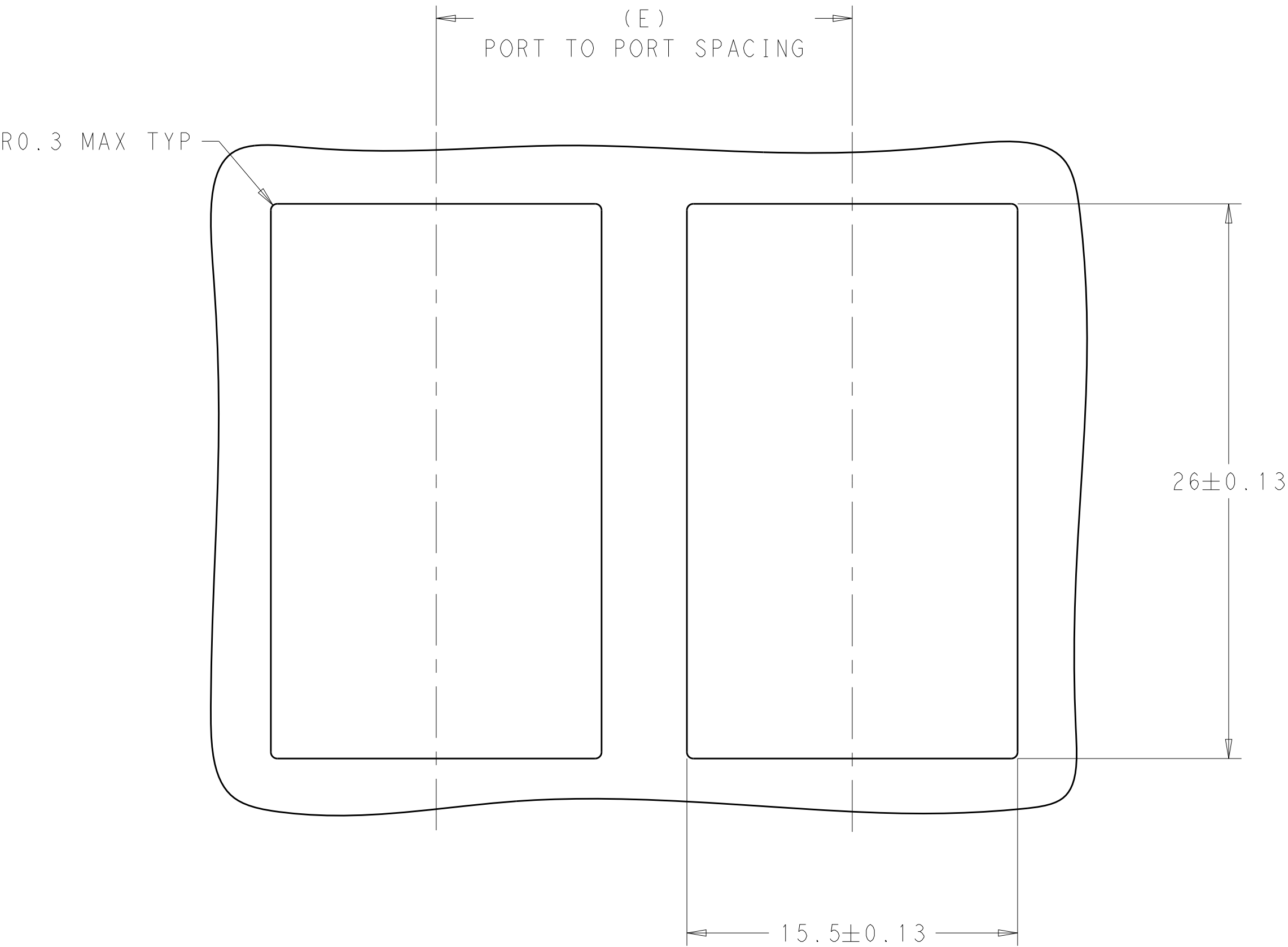
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

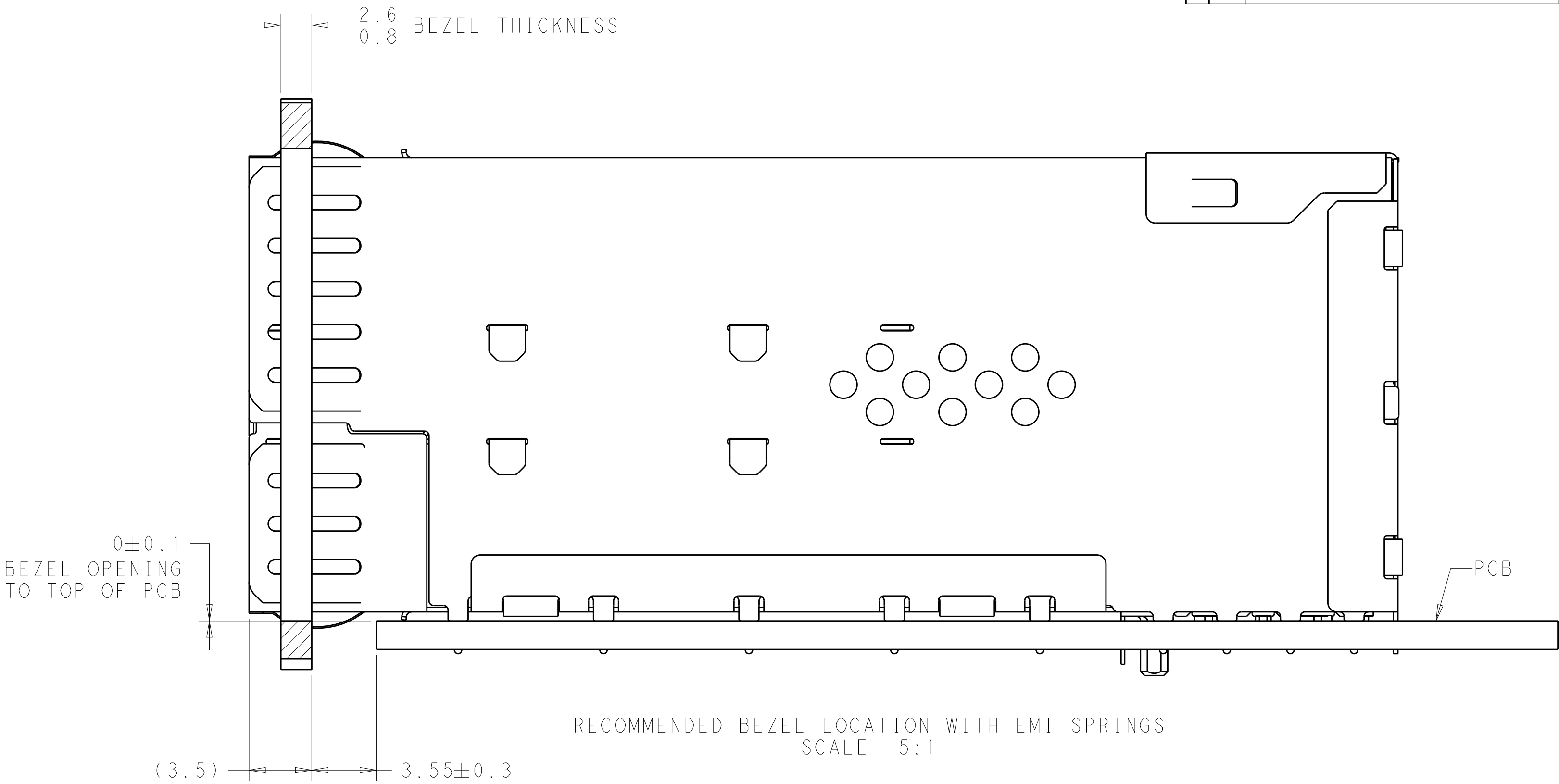
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

DETAIL D
PIN MAP
SCALE 15:1

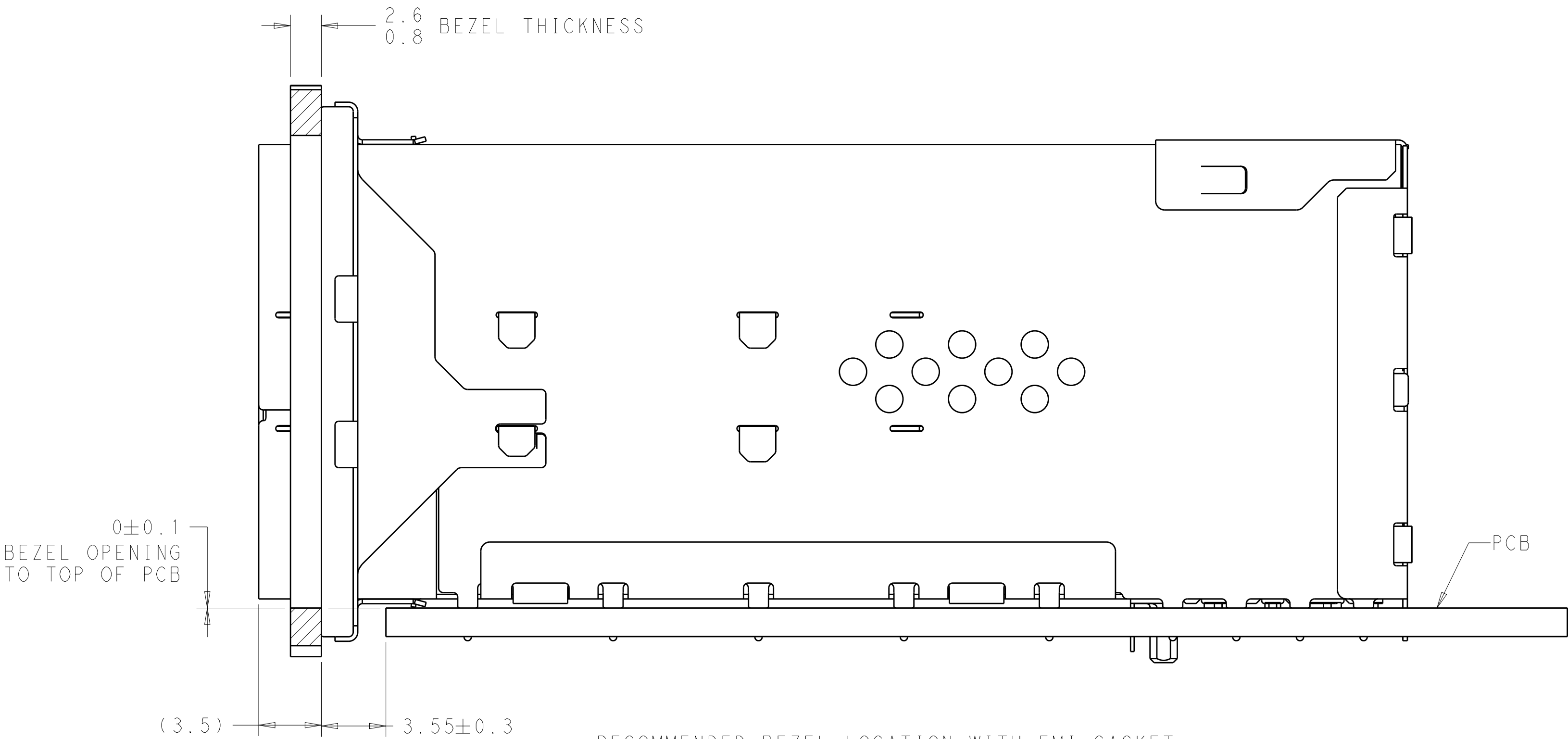
PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 5:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
M.E. CONNER

CHK
M.D. MORRISON

APVD
M.D. MORRISON

17OCT2011

18OCT2011

18OCT2011

DIMENSIONS:

mm

0 PLC ±"

1 PLC ±"

2 PLC ±"

3 PLC ±"

4 PLC ±"

ANGLES ±"

FINISH ±"

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Drawing

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

TE Connectivity

RECEPTACLE ASSEMBLY, 2X1,
STACKED, zSFP+

A100779

C=2198318

SCALE 4:1

SHEET 4

OF 4

REV B

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2198318-5](#)