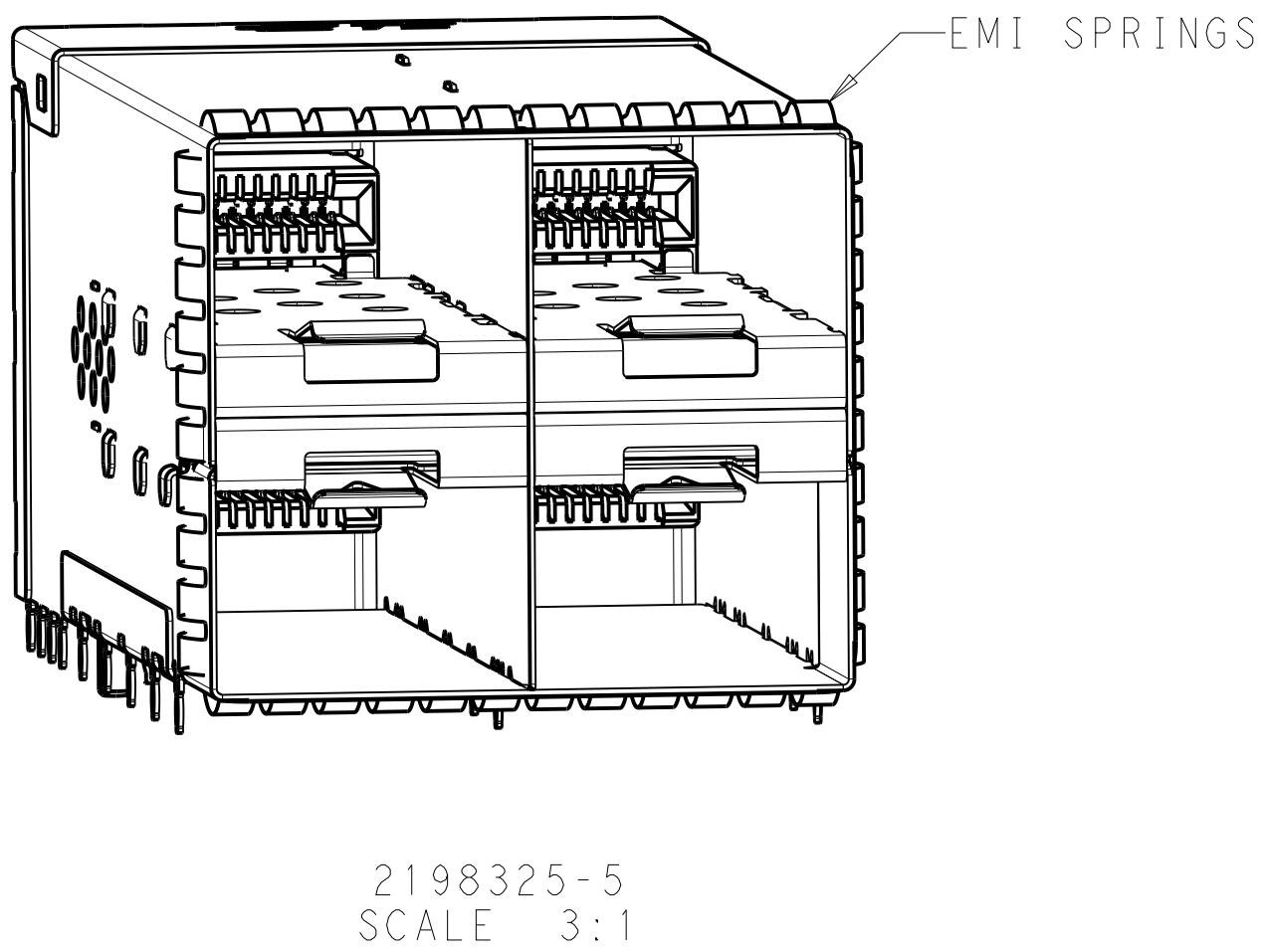
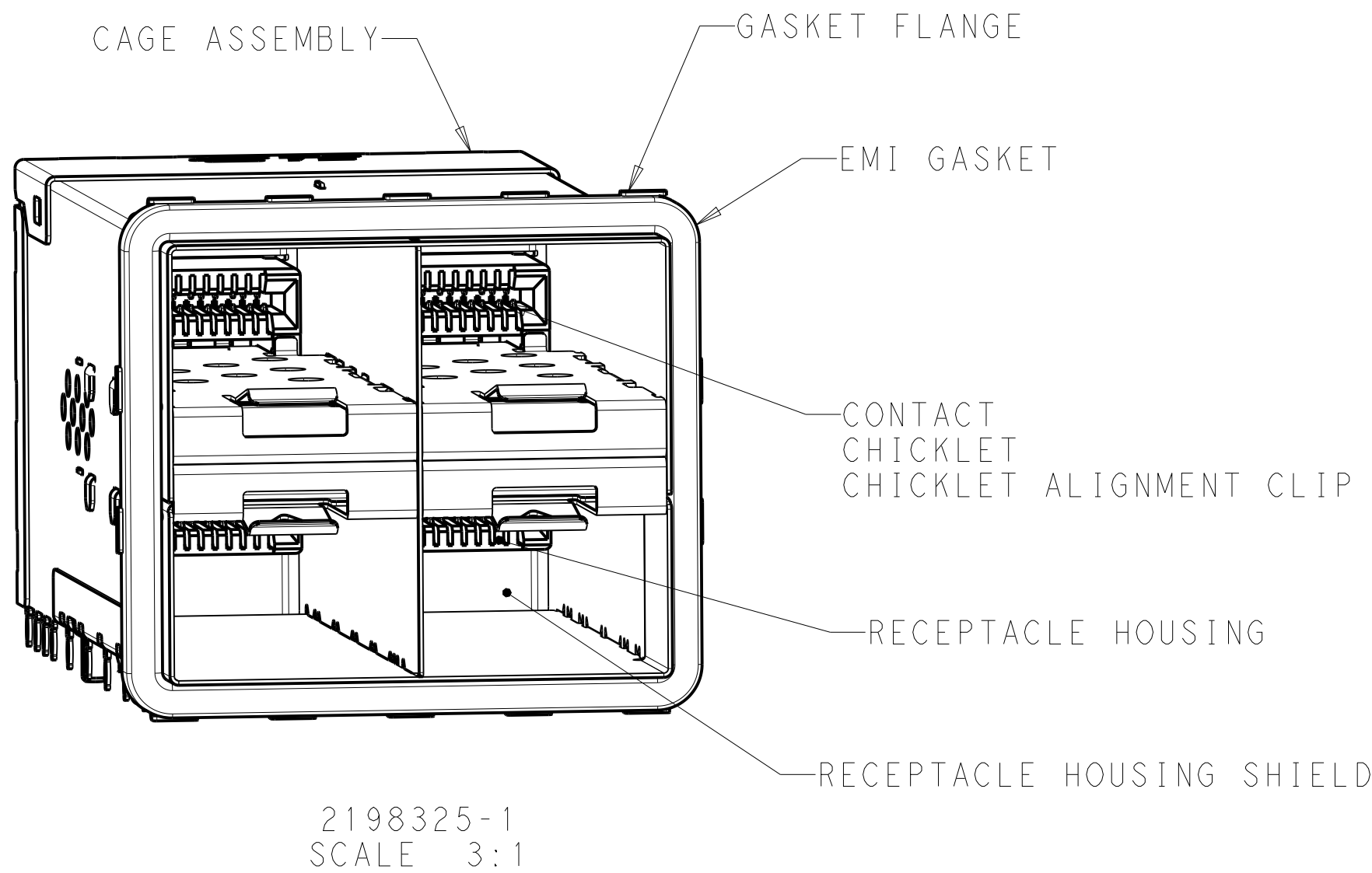


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR



1. MATERIALS:
- CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
 - CONNECTOR HOUSING - LCP, BLACK, UL 94V-0 RATED
 - CONNECTOR HOUSING SHIELD - COPPER ALLOY
 - CHICKLET - LCP, BLACK, UL 94V-0 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

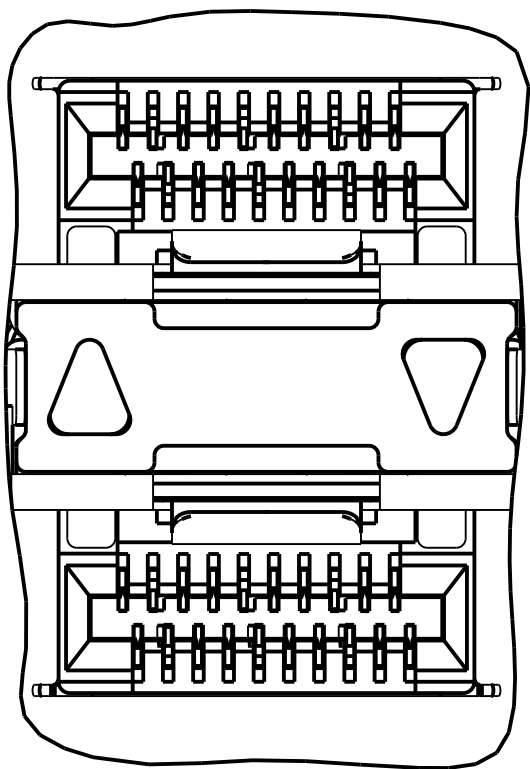
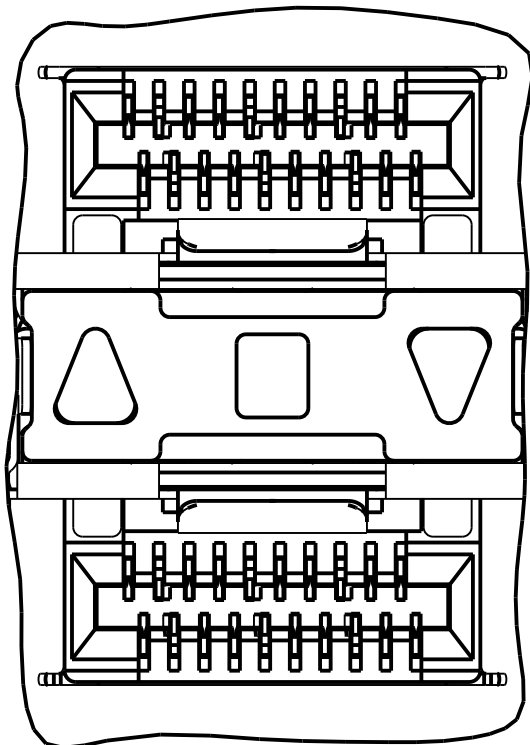
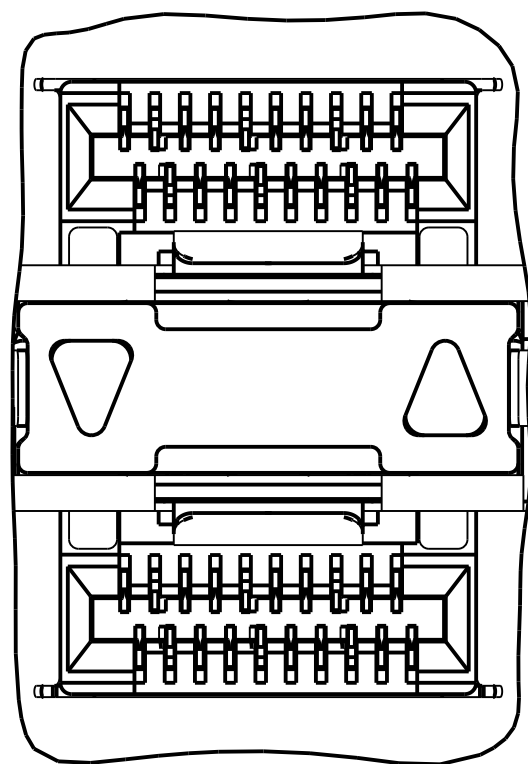
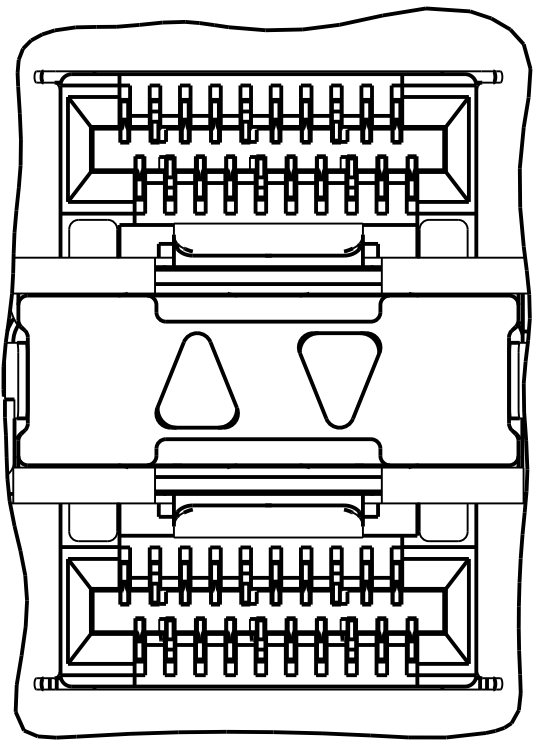
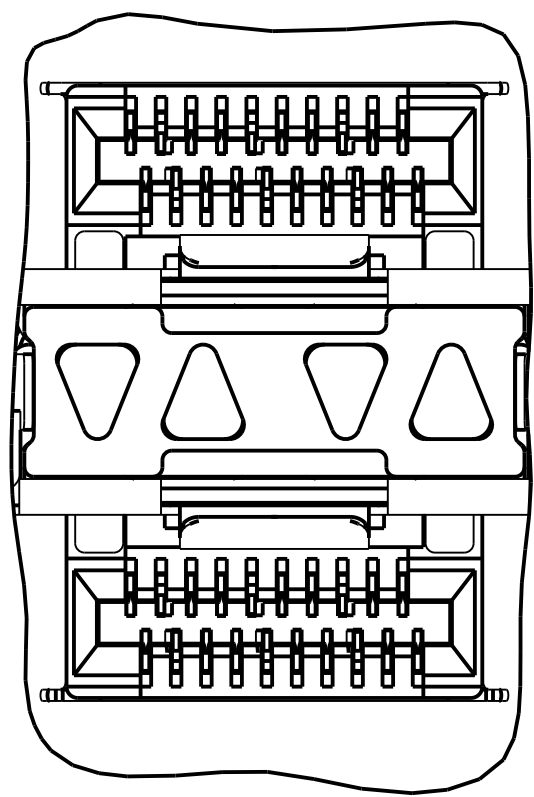
3. PCB MINIMUM THICKNESS = 1.5mm

⚠ 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

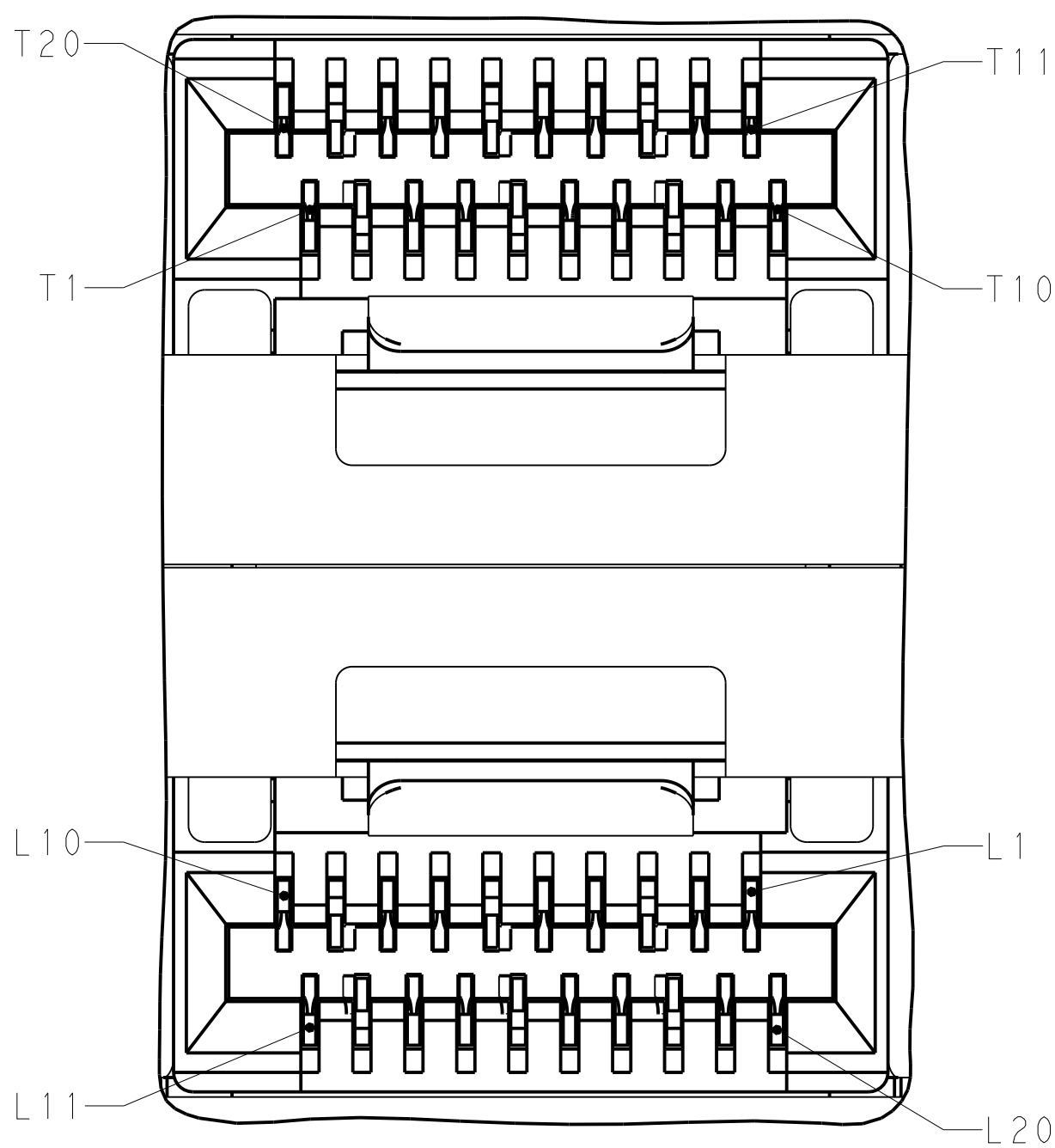
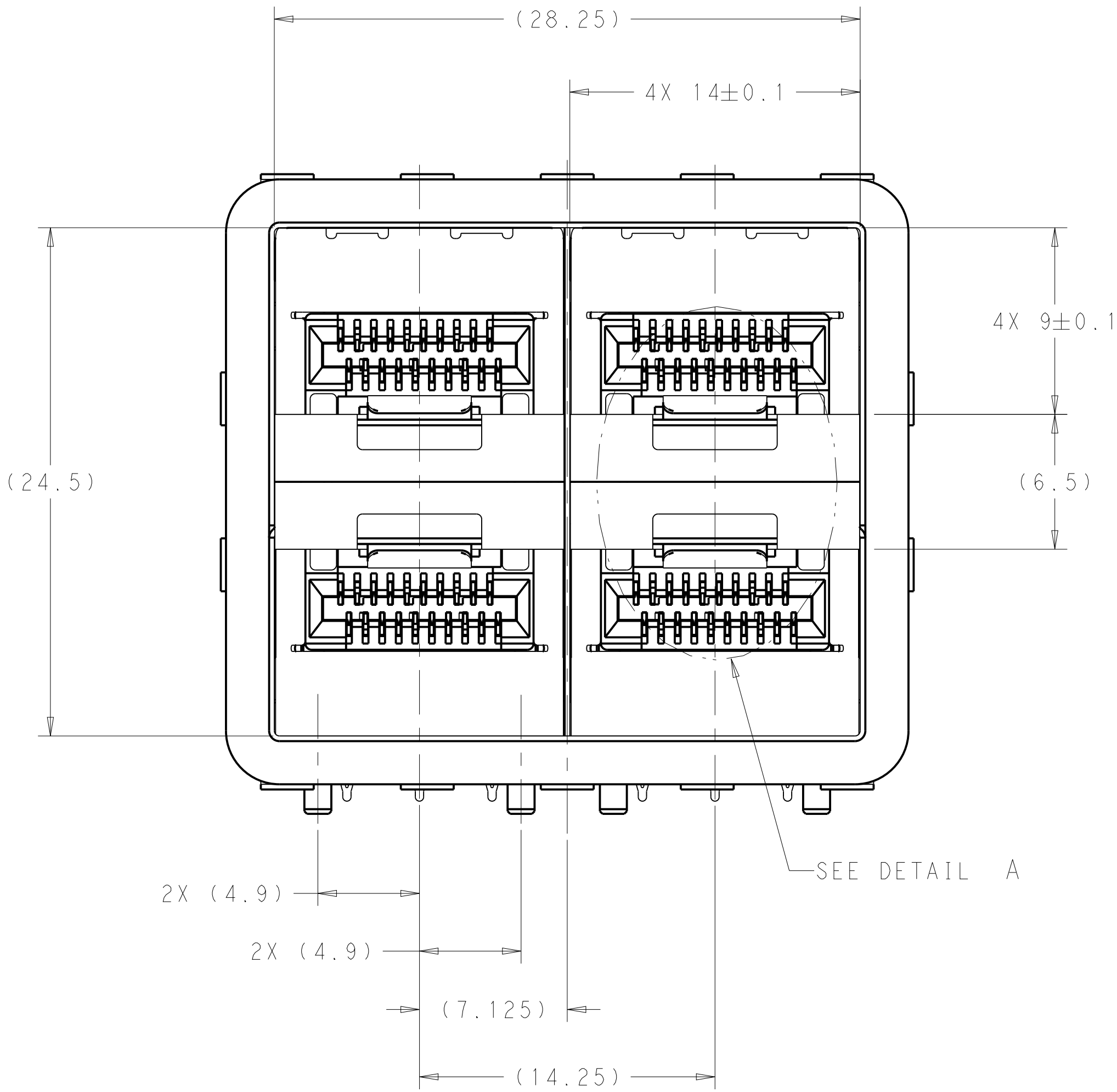
⚠ THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN



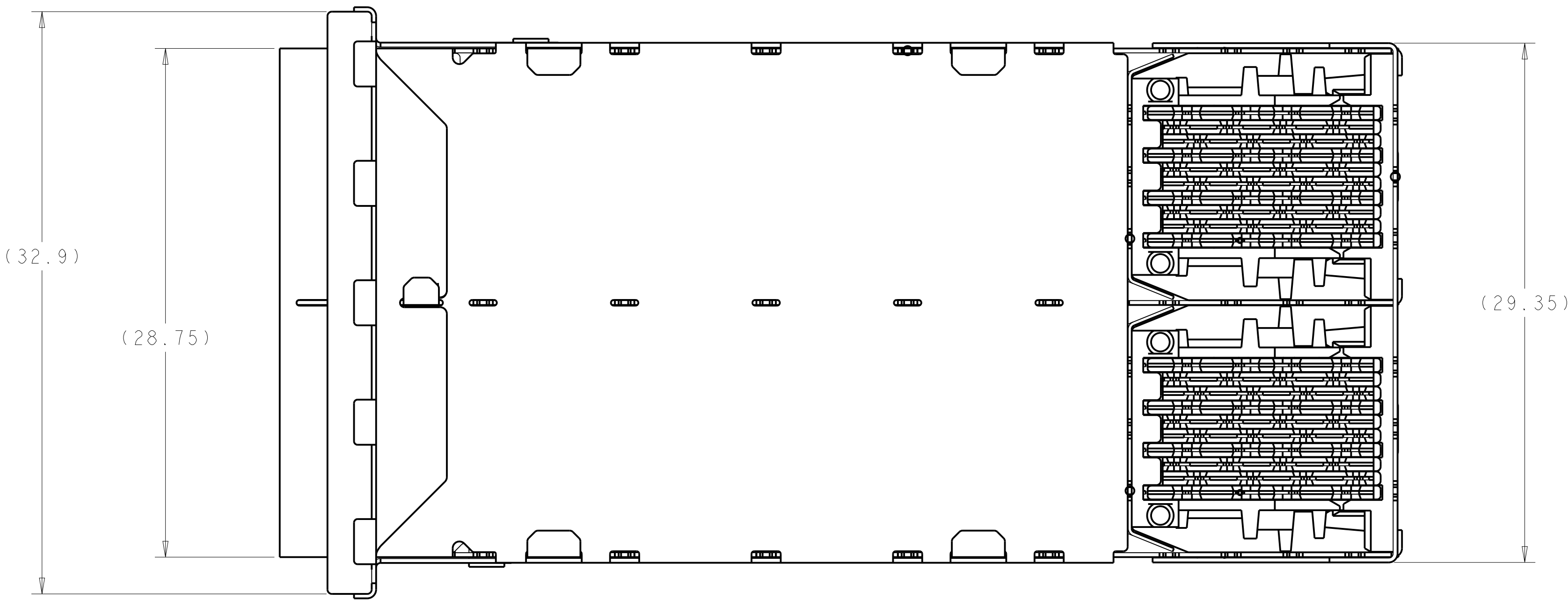
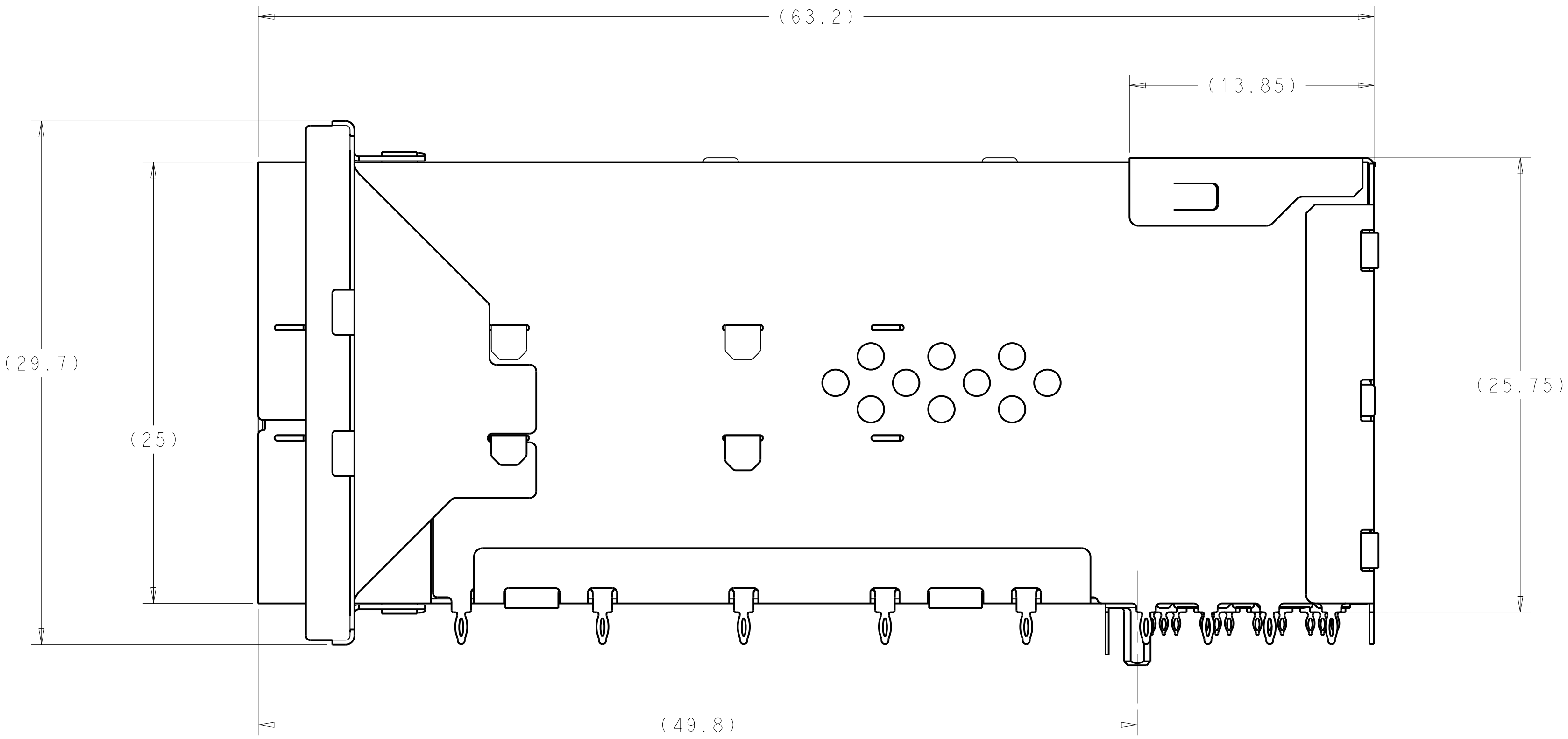
31	EMI SPRINGS	REVERSED OUTER	2-2198325-0
		CENTER/REVERSED OUTER	1-2198325-9
33.75	EMI GASKET	REVERSED OUTER	1-2198325-8
		CENTER/REVERSED OUTER	1-2198325-7
31	EMI SPRINGS	OUTER	2198325-8
		INNER	2198325-7
		INNER/OUTER	2198325-6
		NONE	2198325-5
33.75	EMI GASKET	OUTER	2198325-4
		INNER	2198325-3
	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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 06OCT2011	TE Connectivity	
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 ±"	108-2431		
	2 PLC ±"	APPLICATION SPEC		
	3 PLC ±"	114-13319	SIZE A100779	
	4 PLC ±"	FINISH		
MATERIAL SEE NOTES		WEIGHT	DRAWING NO C=2198325	
		FINISH		
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 OF 5
			REV A	

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



DETAIL A
2 PLACES
SCALE 10:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
M.E. CONNER
CHK
M.D. MORRISON
APVD
M.D. MORRISON

06OCT2011
06OCT2011
07OCT2011

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

SEE NOTES

PRODUCT SPEC

108-2431

APPLICATION SPEC

114-13319

WEIGHT

-

CUSTOMER DRAWING

SCALE 5:1

SHEET 2 OF 5

REV A

TE Connectivity

RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+

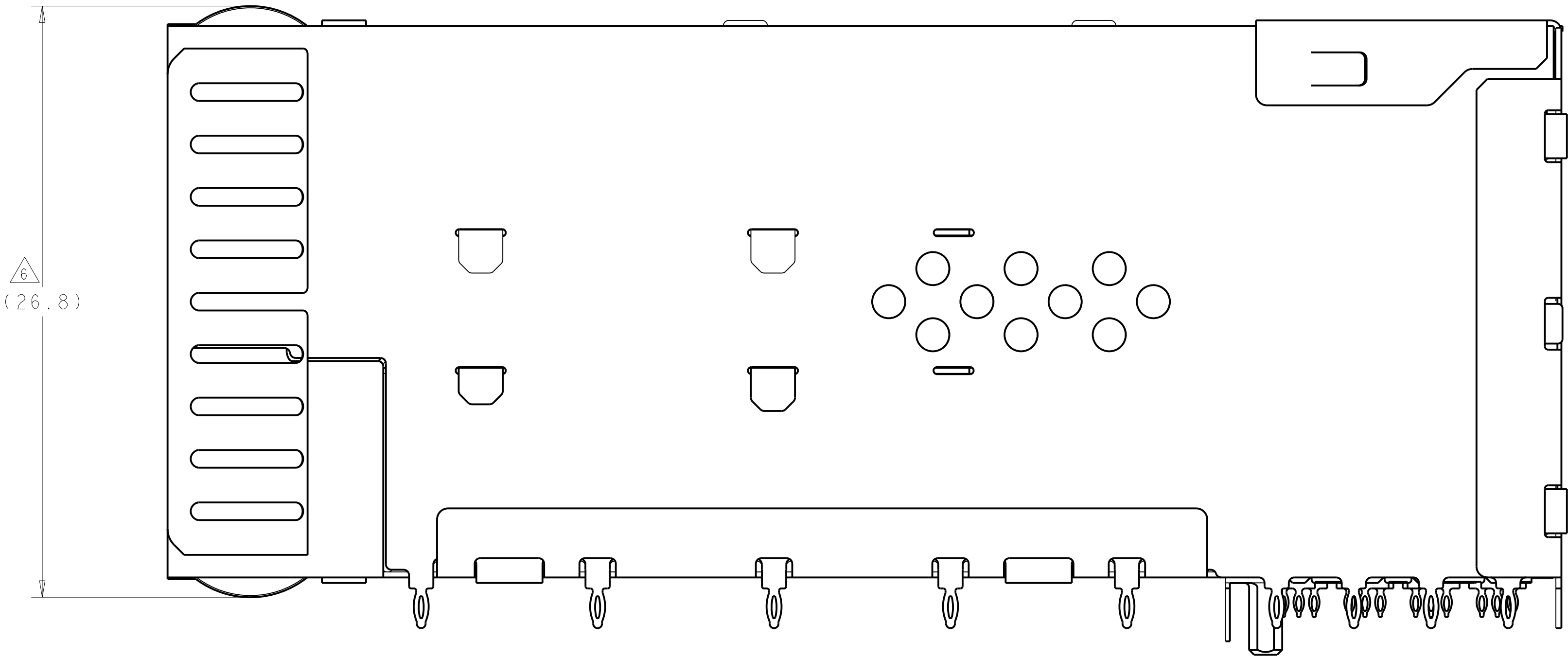
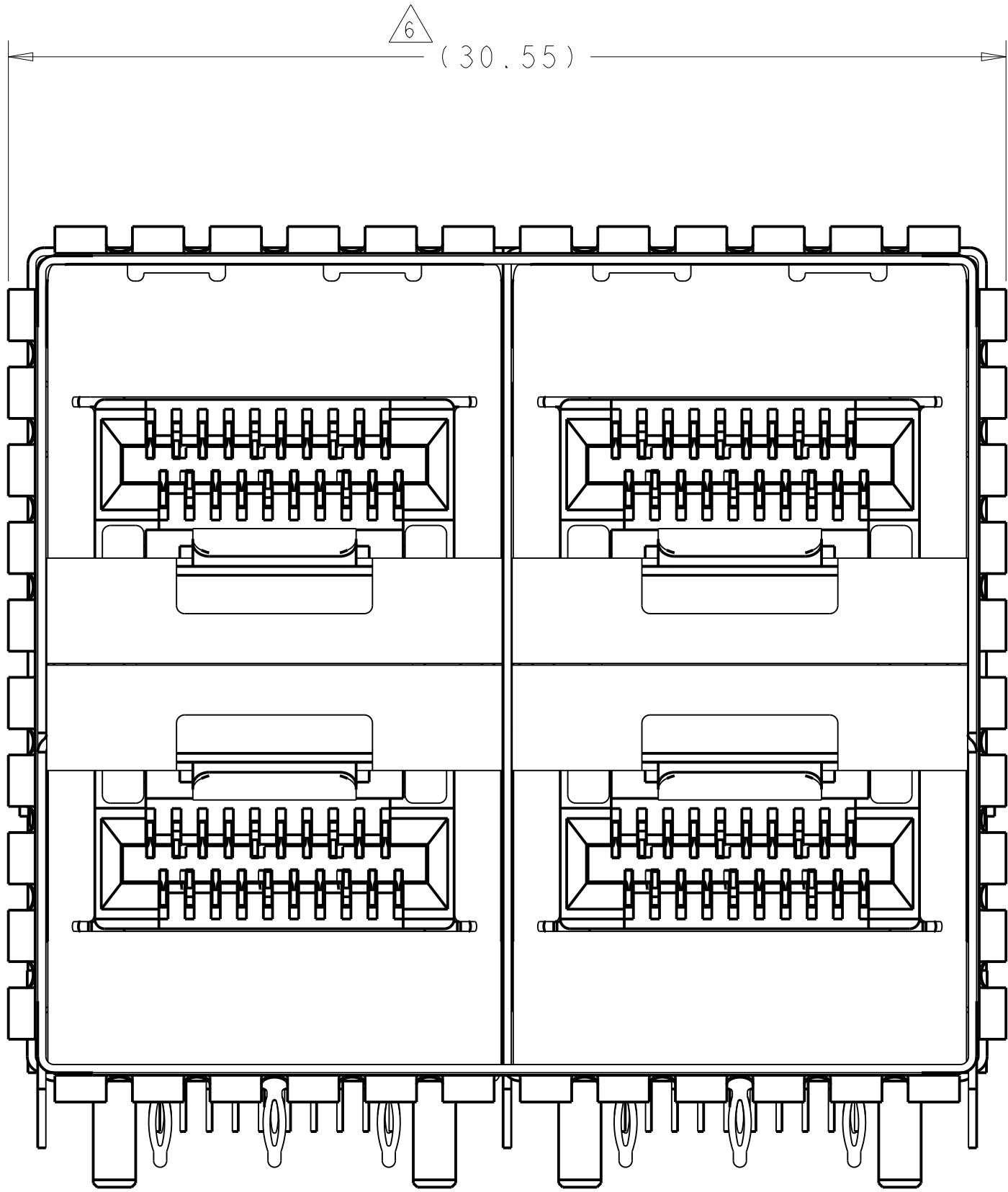
SIZE CAGE CODE DRAWING NO

A100779C=2198325

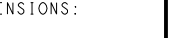
RESTRICTED TO

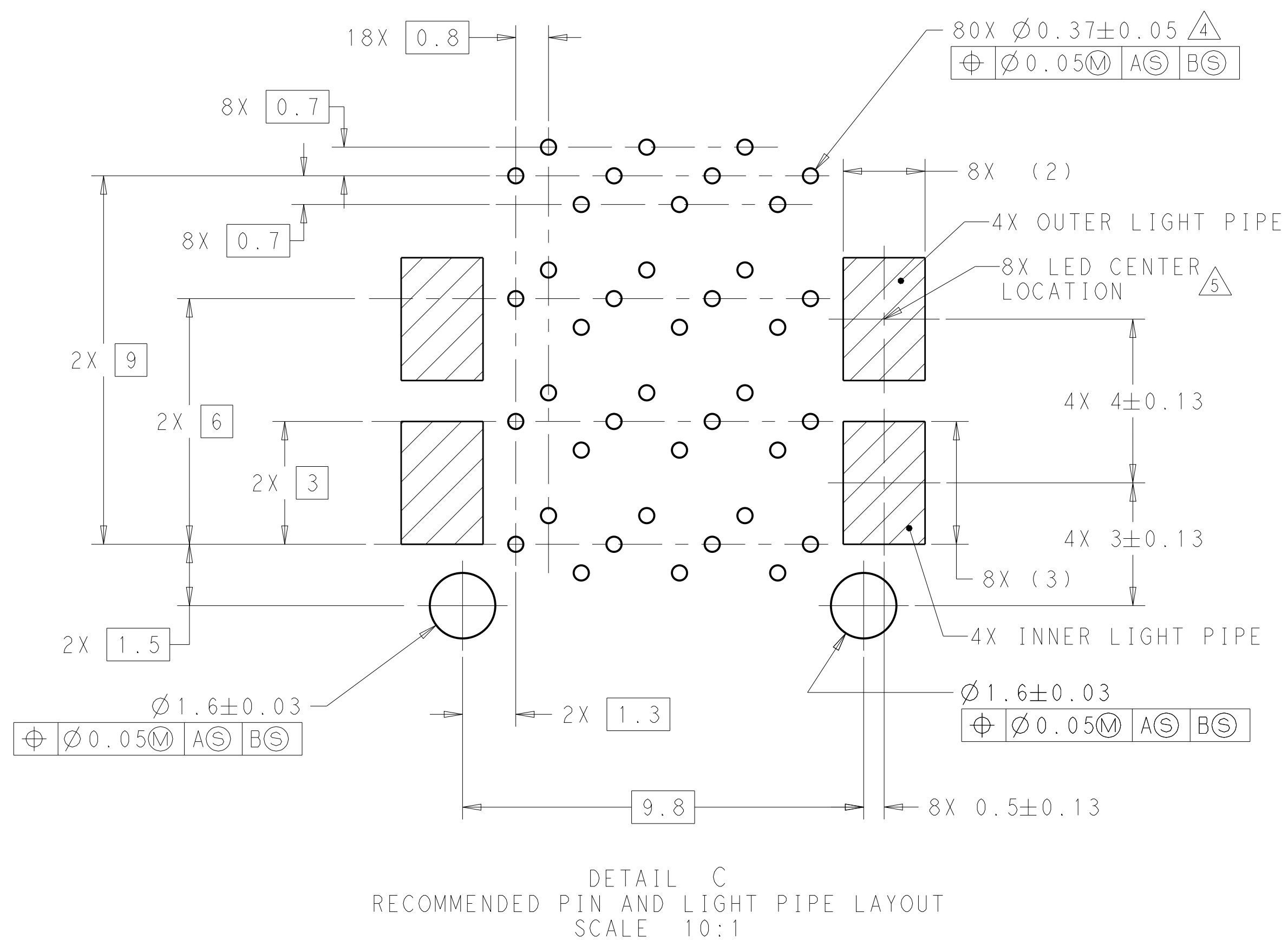
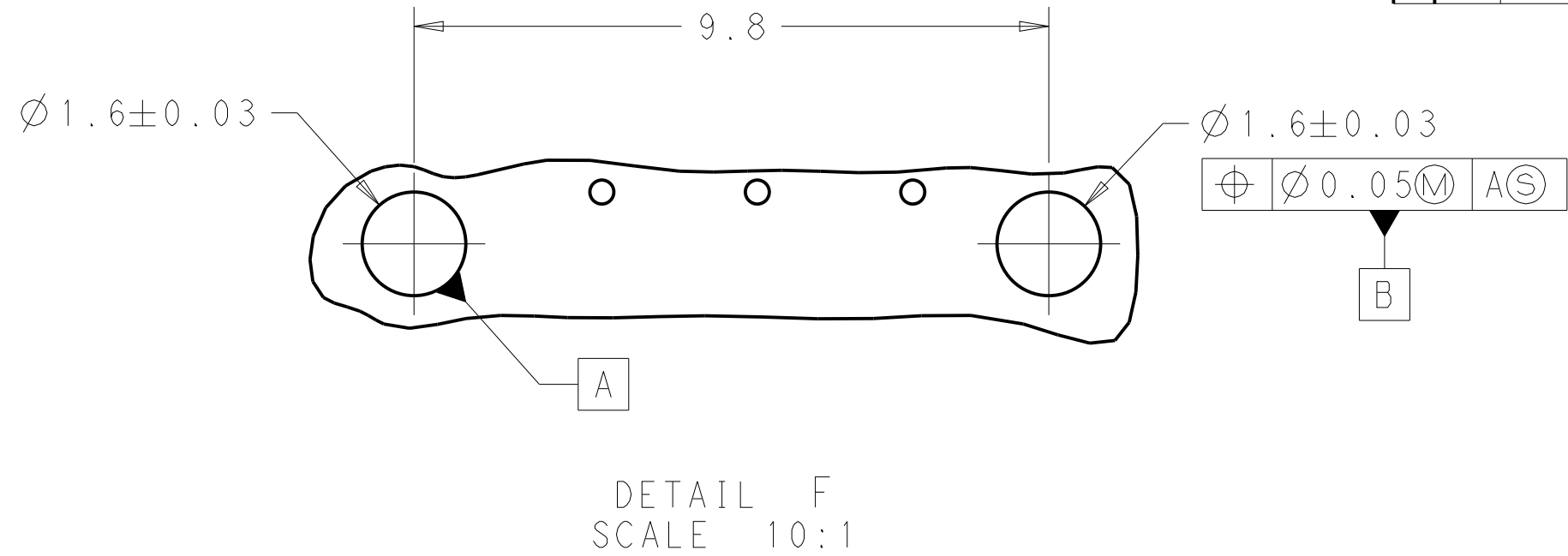
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LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



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. CONNER	06OCT2011	 TE Connectivity	
		CHK M.D. MORRISON	06OCT2011		
DIMENSIONS:		APVD M.D. MORRISON	07OCT2011	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+	
mm		PRODUCT SPEC			
		108-2431		SIZE A100779	
		APPLICATION SPEC			
		114-13319		CAGE CODE C=2198325	
		FINISH			
MATERIAL SEE NOTES		WEIGHT -		RESTRICTED TO -	
		CUSTOMER DRAWING			
				SCALE 4:1	
				SHEET 3	
				OF 5	
				REV A	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. E. COWHER CHG M. D. MORRISON APP'D M. D. MORRISON		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 108-2431 PLC ± APPLICATION SPEC PLC ± 114-13319 PLC ± ANGLES ±		NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+	
MATERIAL SEE NOTES		FINISH SEE NOTES		SIZE CAGE CODE DRAWING NO A100779C2198325	
		WEIGHT CUSTOMER DRAWING		RESTRICTED TO - SCALE 4:1 SHEET 4 OF 5 REV A	

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

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

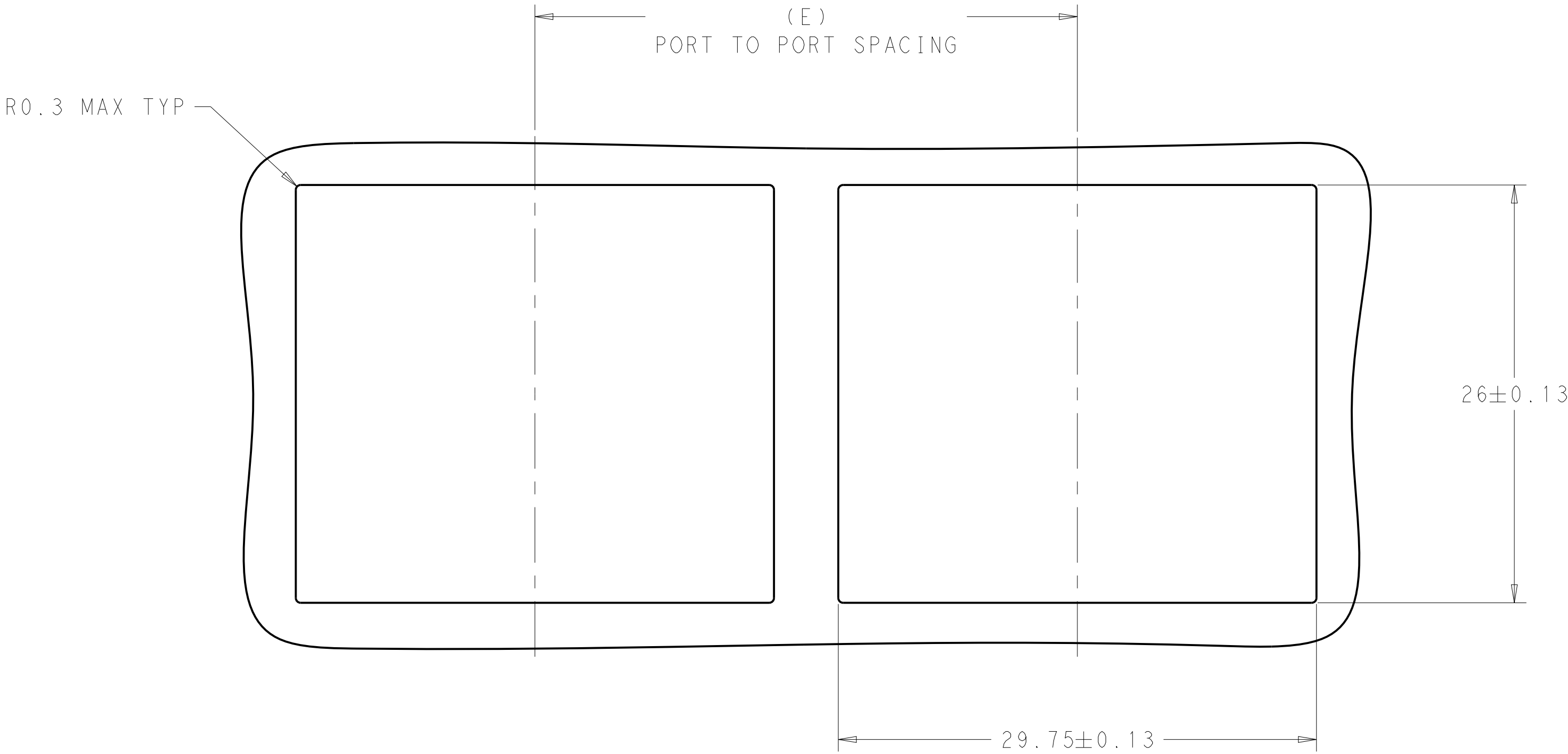
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

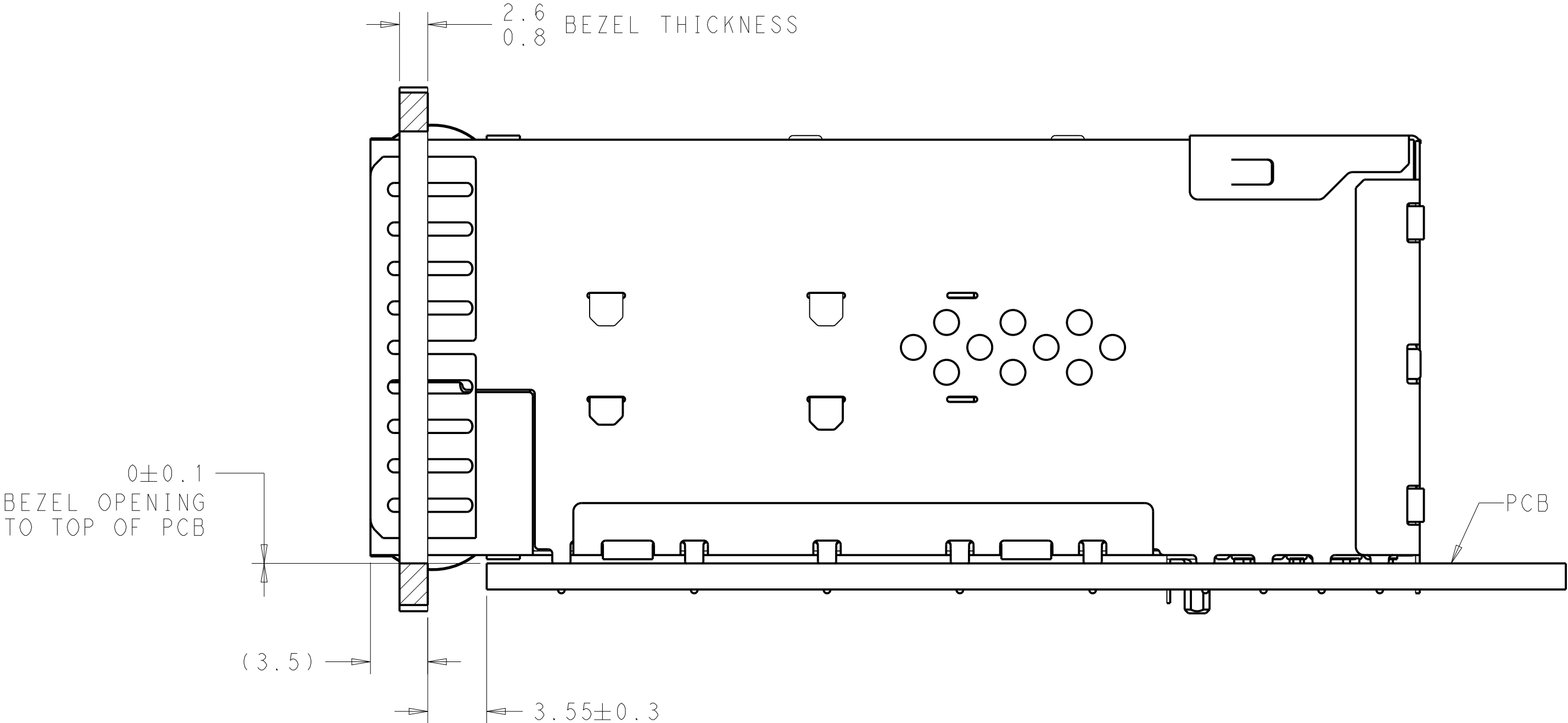
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

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

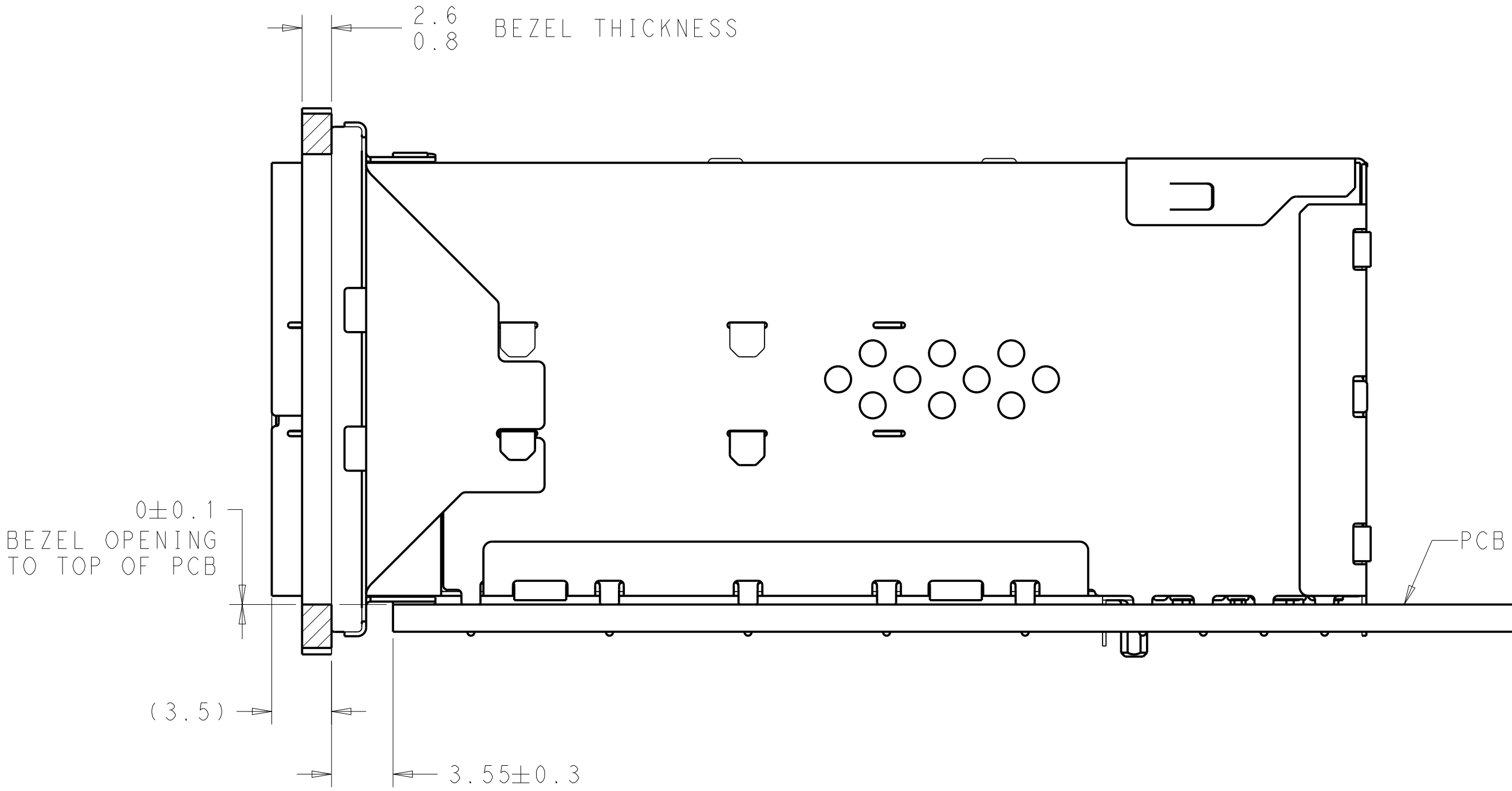
DETAIL D
PIN MAP
2 PLACES
SCALE 15:1



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 4:1



RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 4:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	08OCT2011 08OCT2011 07OCT2011	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+	
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	108-2431	SIZE	CAGE CODE	DRAWING NO
MATERIAL SEE NOTES	FINISH SEE NOTES	114-13319	100779	2198325	RESTRICTED TO
CUSTOMER DRAWING		WEIGHT	-	SCALE	4:1
		REVISIONS	5	OF	5
		REV	A		