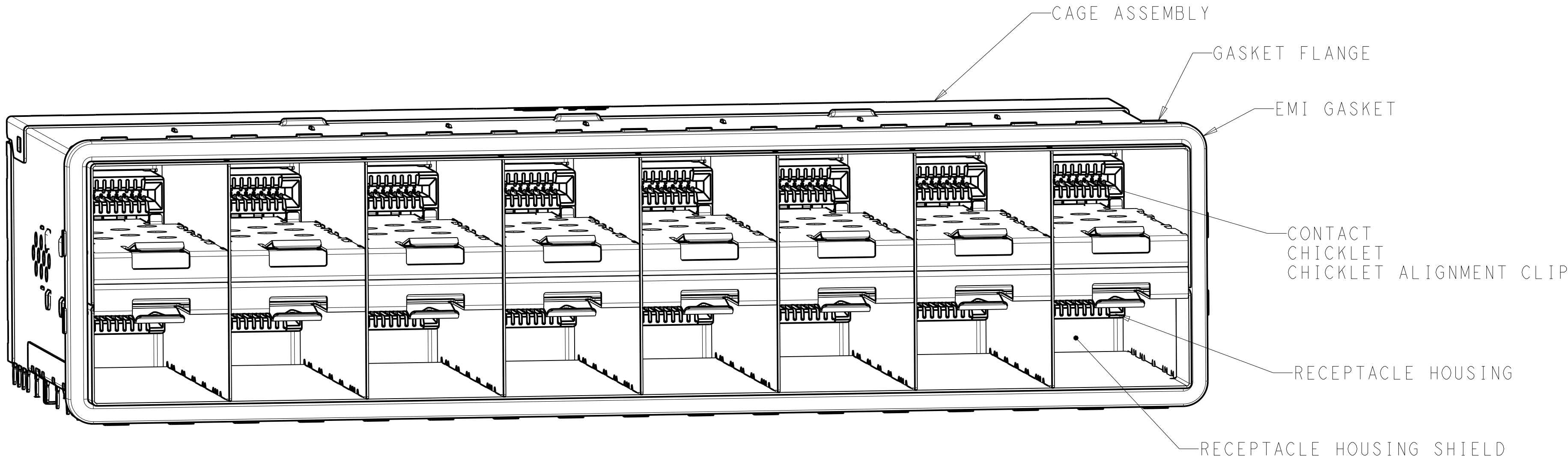
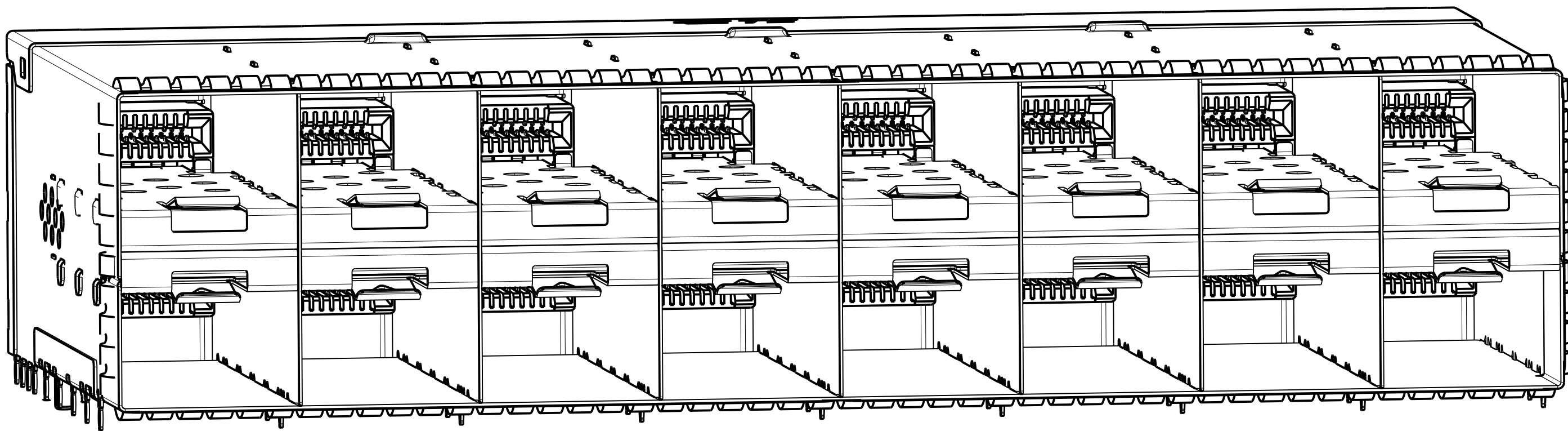


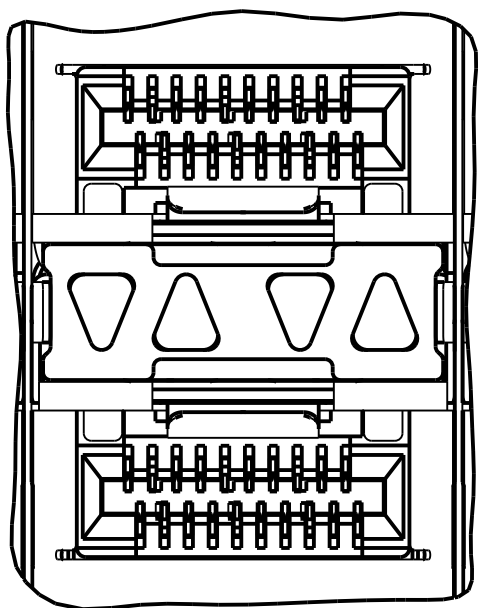
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GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-14-008758	16JUN2014	CJV	PAR



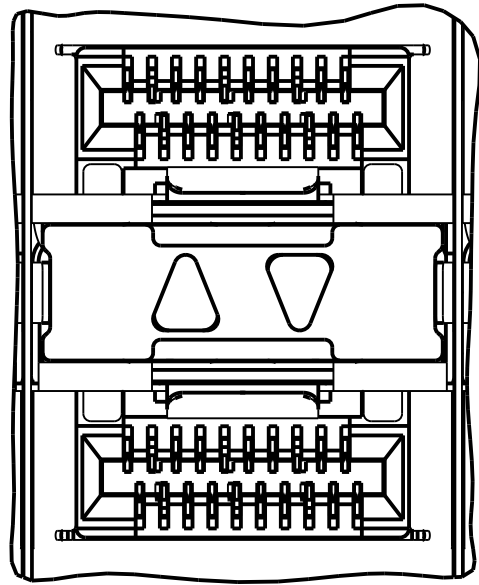
2198346-1



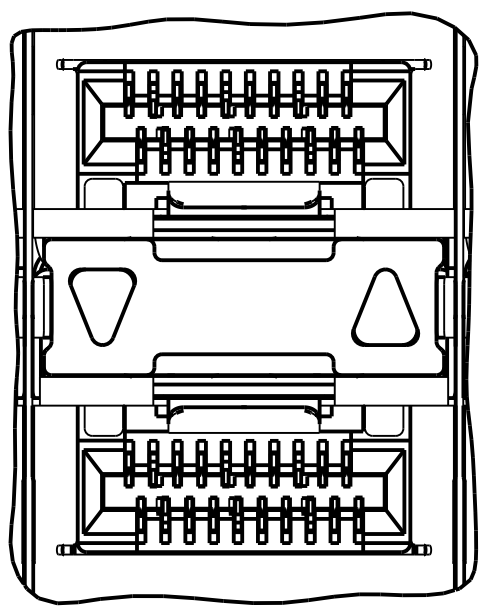
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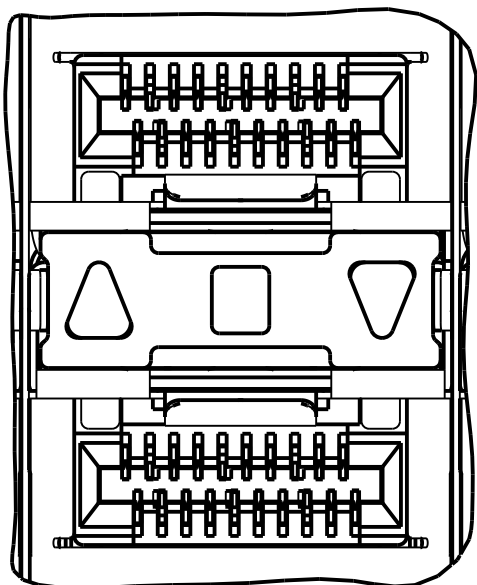
INNER/OUTER LIGHT PIPE
2198346-2, 2198346-6
SCALE 4:1



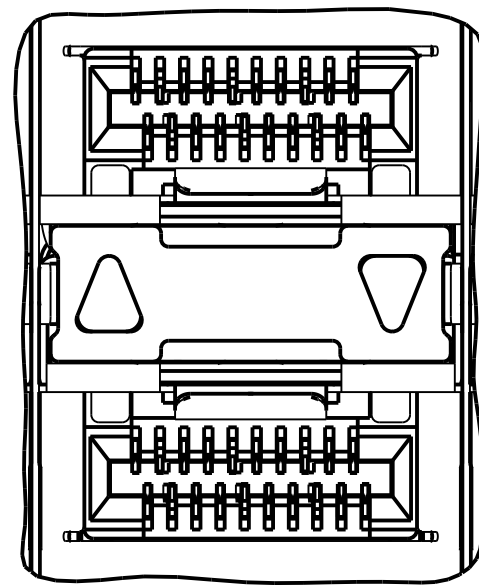
INNER LIGHT PIPE
2198346-3, 2198346-7
SCALE 4:1



OUTER LIGHT PIPES
2198346-4, 2198346-8
SCALE 4:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2198346-7, 1-2198346-9
SCALE 4:1



REVERSED OUTER LIGHT PIPES
1-2198346-8, 2-2198346-0
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

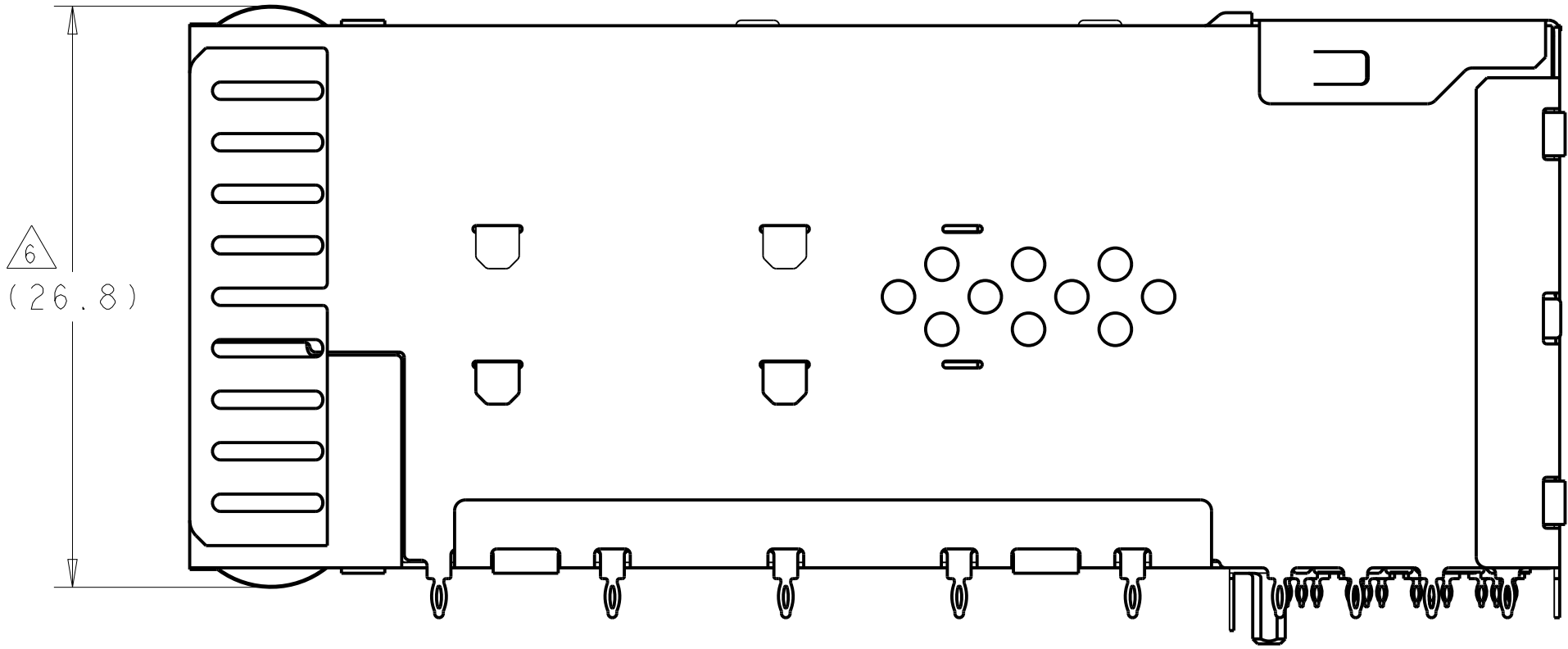
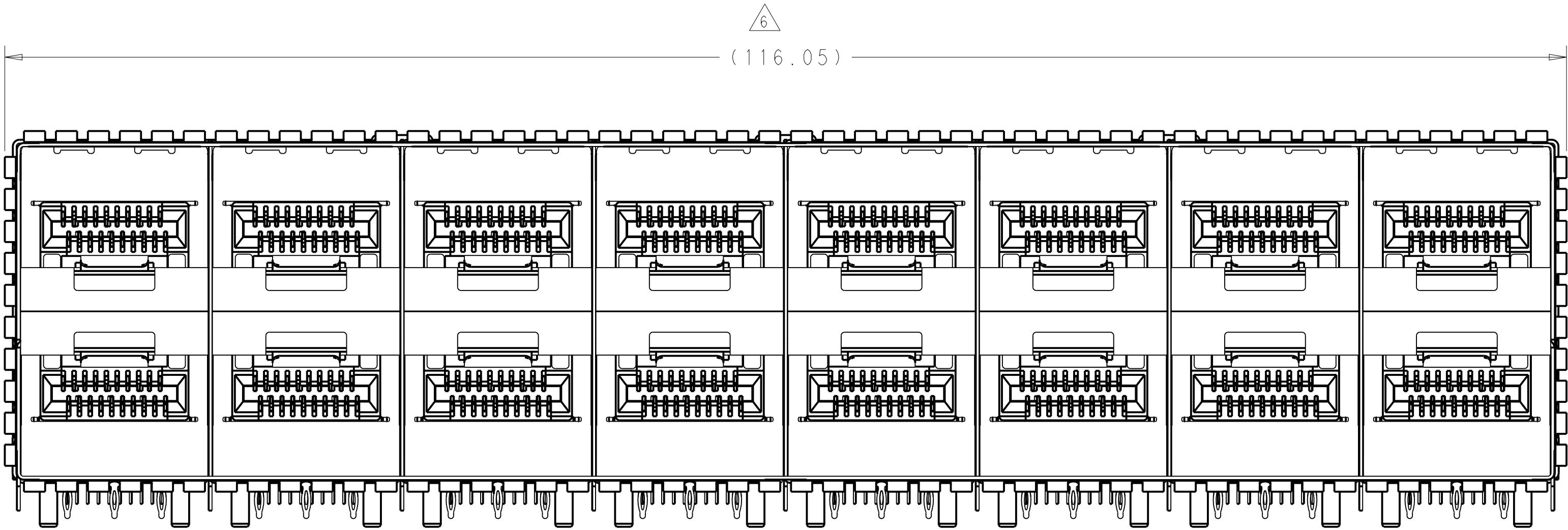
6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY

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

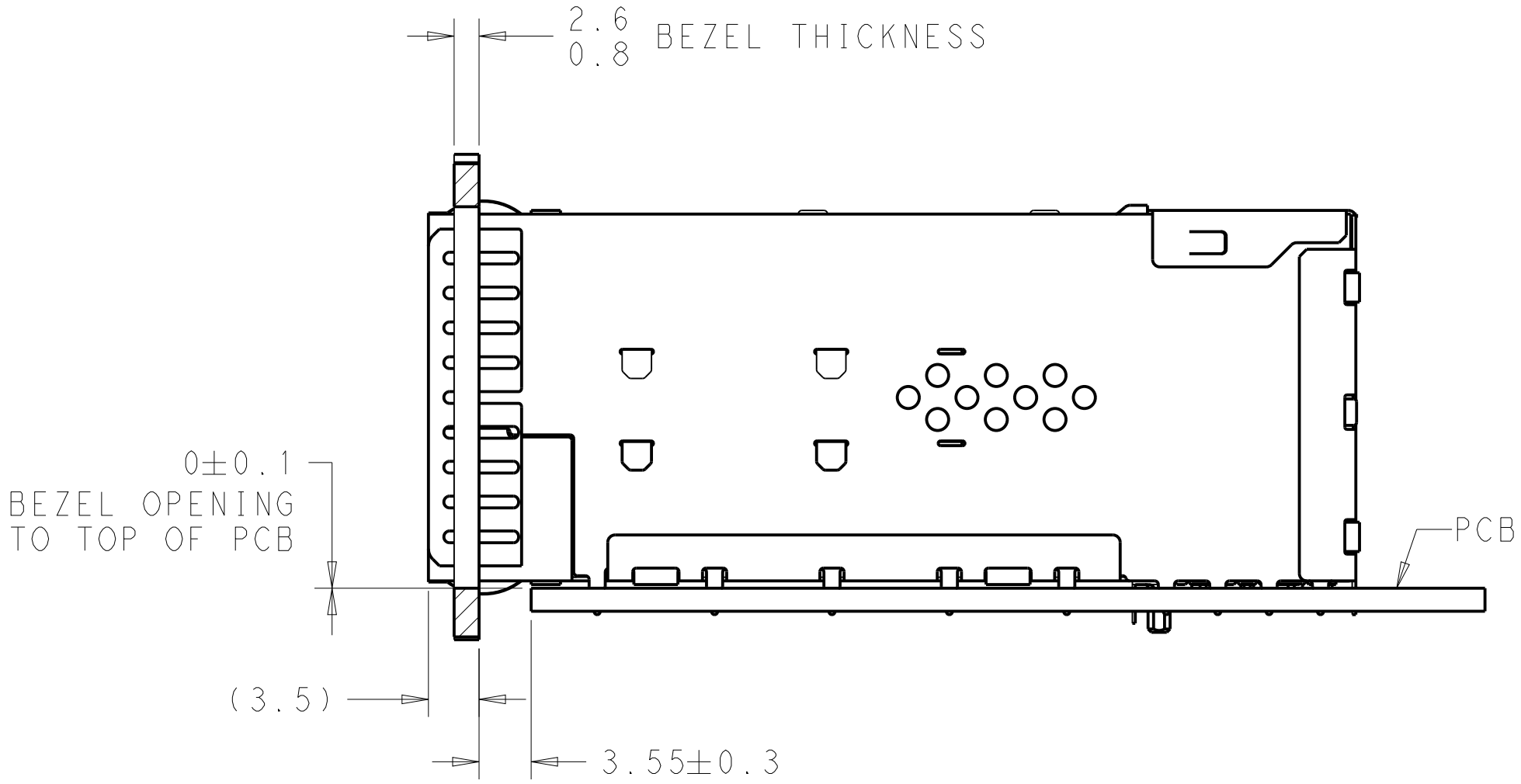
116.5	EMI SPRINGS	REVERSED OUTER	2-2198346-0
		CENTER/REVERSED OUTER	1-2198346-9
119.25	EMI GASKET	REVERSED OUTER	1-2198346-8
		CENTER/REVERSED OUTER	1-2198346-7
116.5	EMI SPRINGS	OUTER	2198346-8
		INNER	2198346-7
		INNER/OUTER	2198346-6
		NONE	2198346-5
119.25	EMI GASKET	OUTER	2198346-4
		INNER	2198346-3
		INNER/OUTER	2198346-2
		NONE	2198346-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC	
				108-2431	
				APPLICATION SPEC	
				114-13319	
MATERIAL		FINISH		WEIGHT	
SEE NOTES		SEE NOTES		-	
				CUSTOMER DRAWING	
				SIZE CAGE CODE DRAWING NO	
				A100779C=2198346	
				RESTRICTED TO	
				-	
				SCALE 3:1 SHEET 1 OF 5 REV A	

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

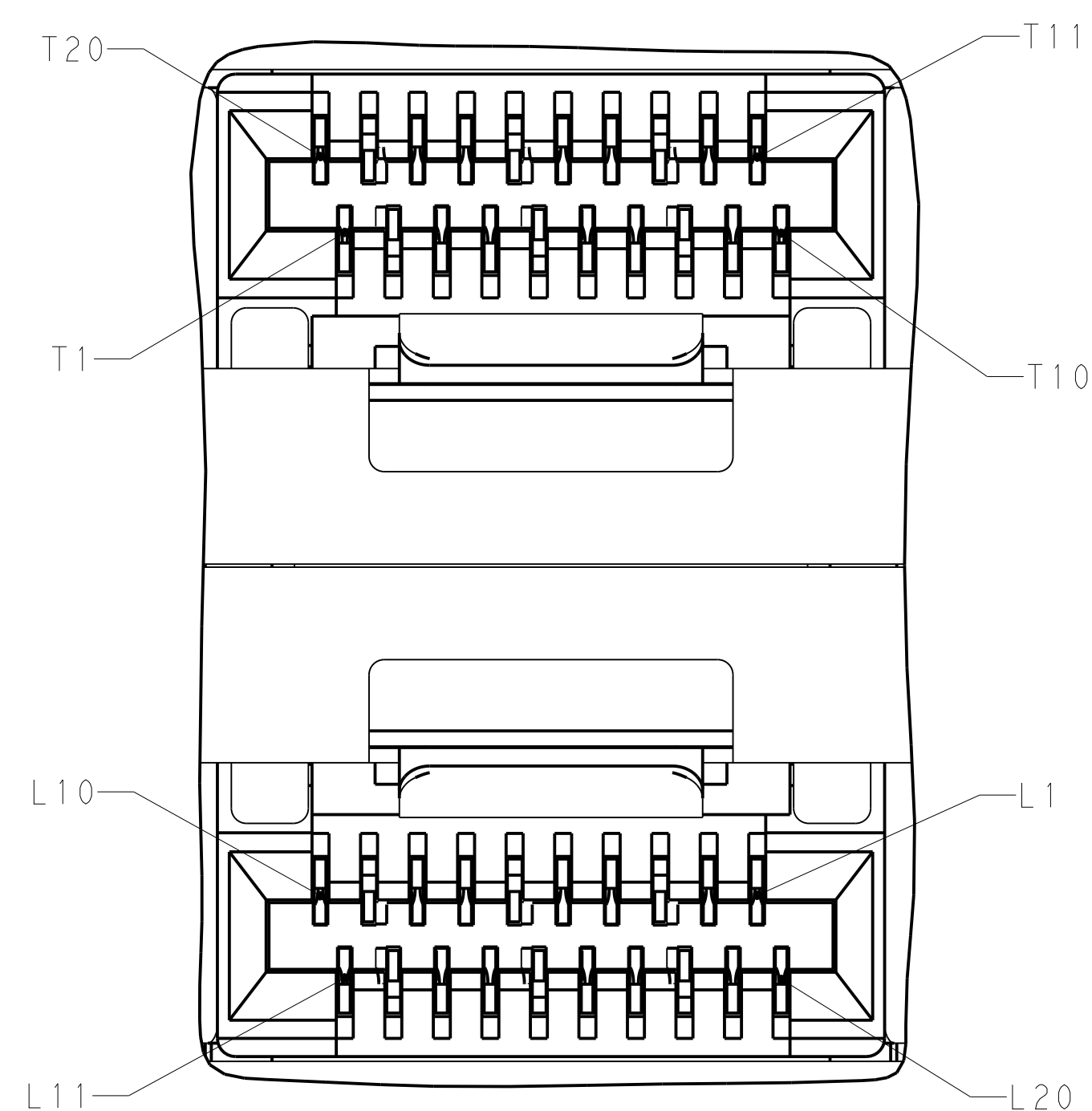
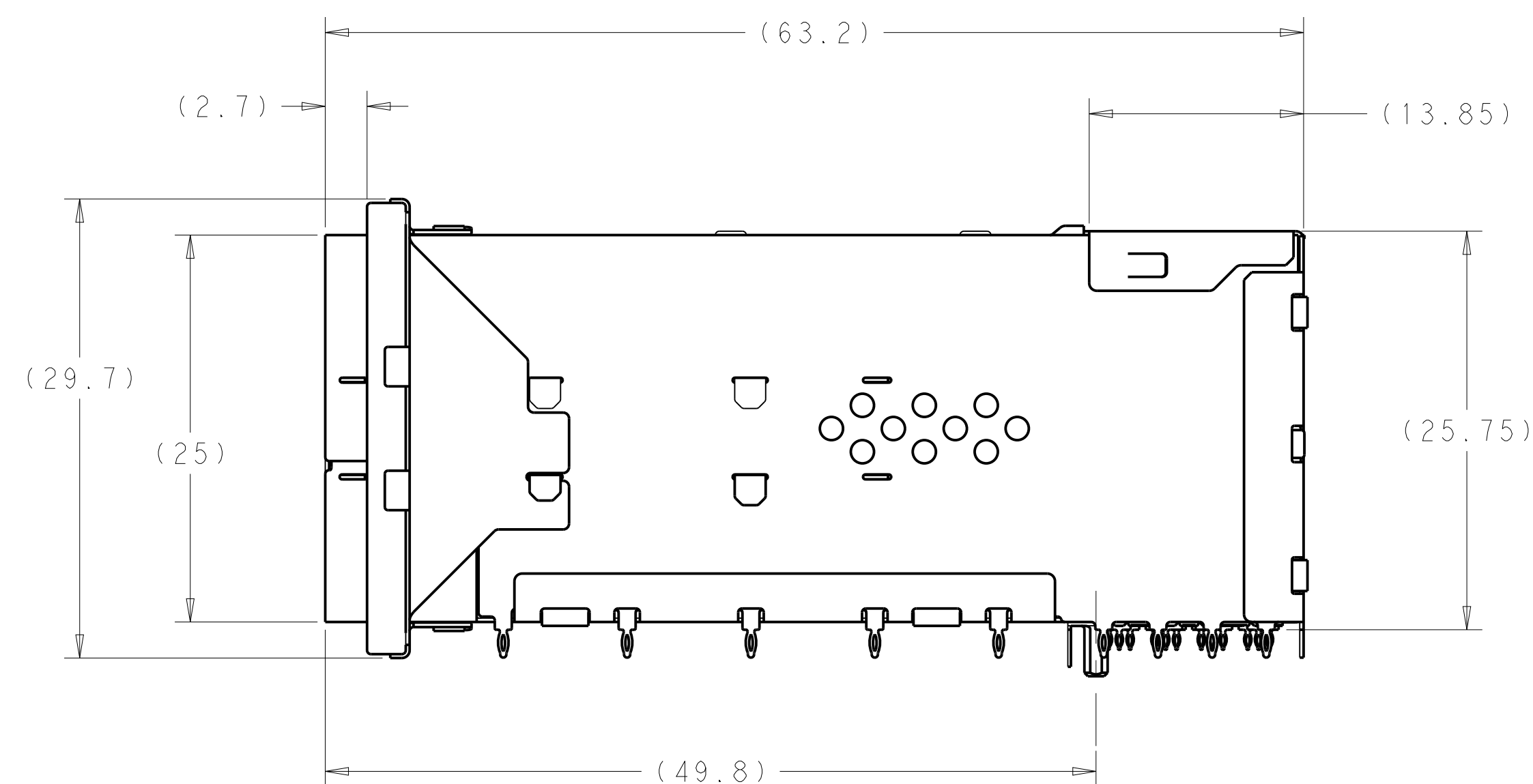


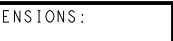
2198346-5 THRU 2198346-8, 1-2198346-9, 2-2198346-0
EMI SPRINGS ONLY
SCALE 7:2



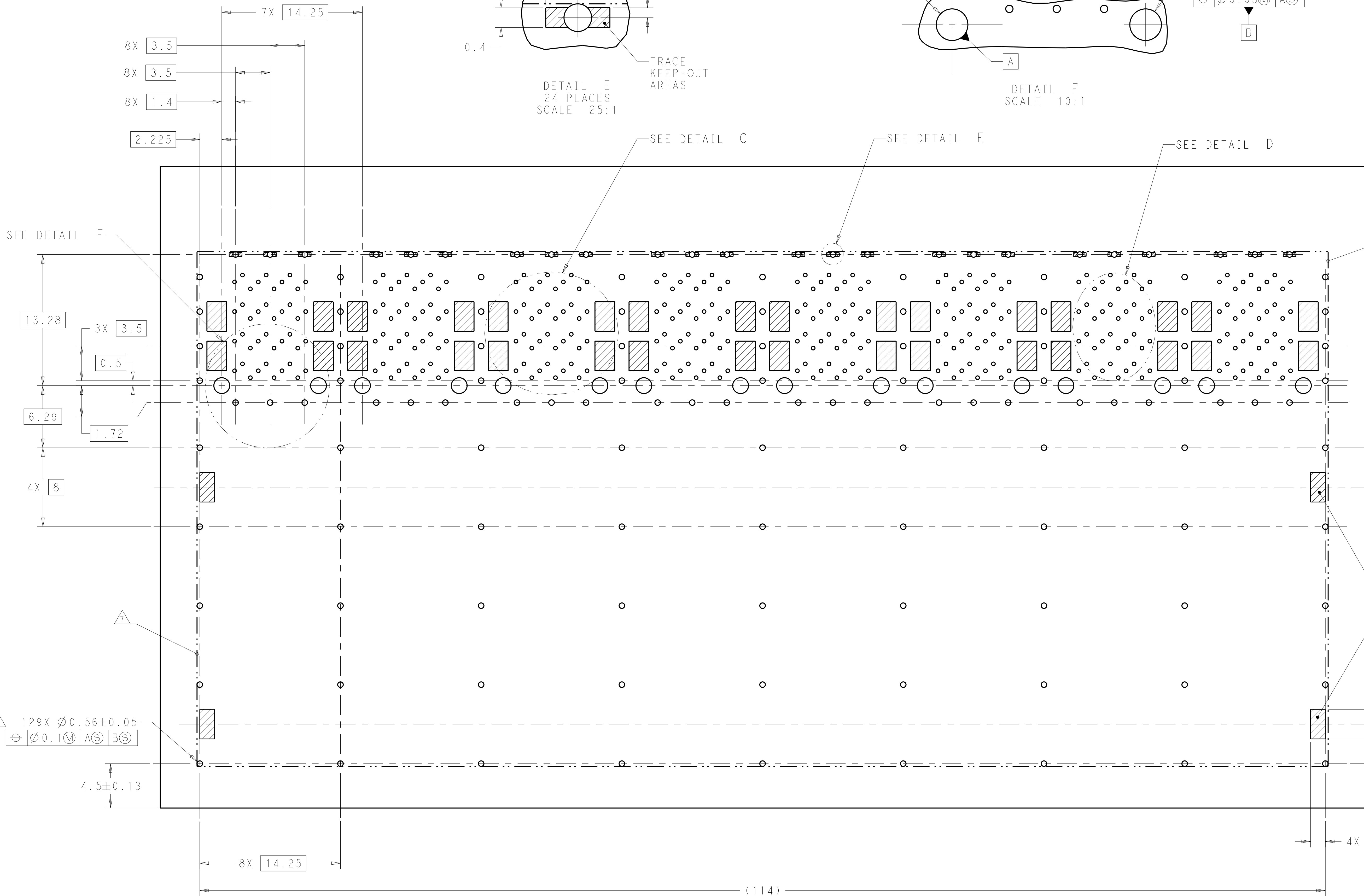
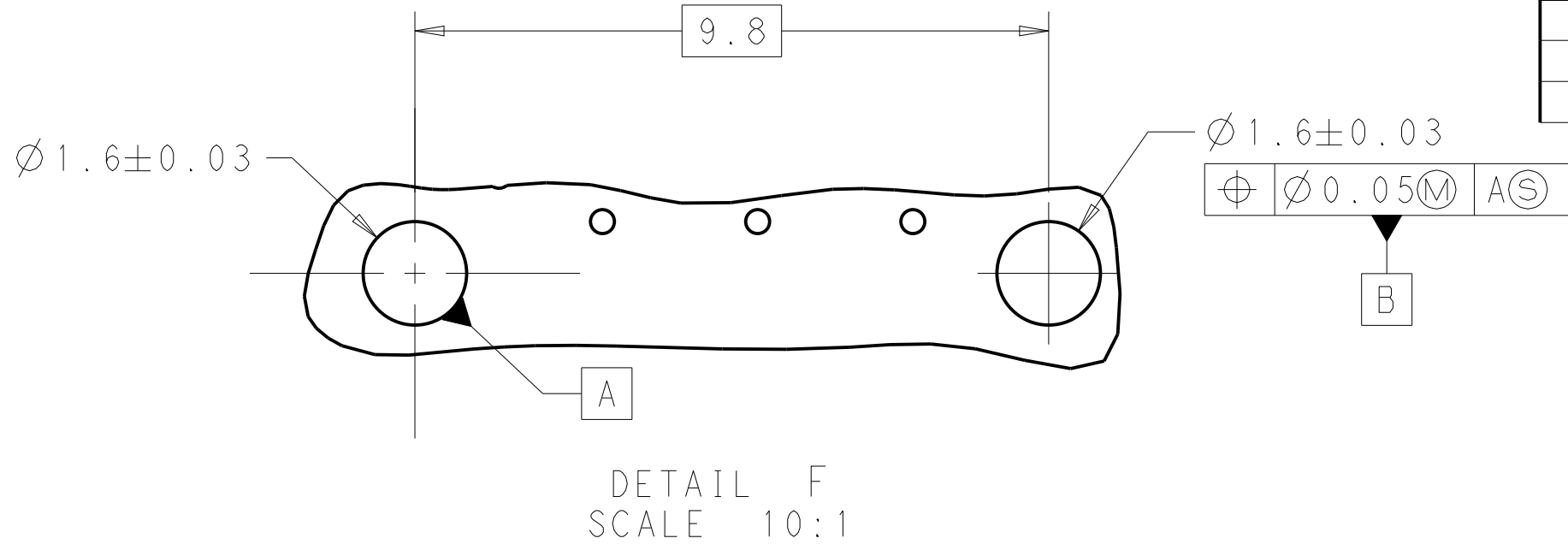
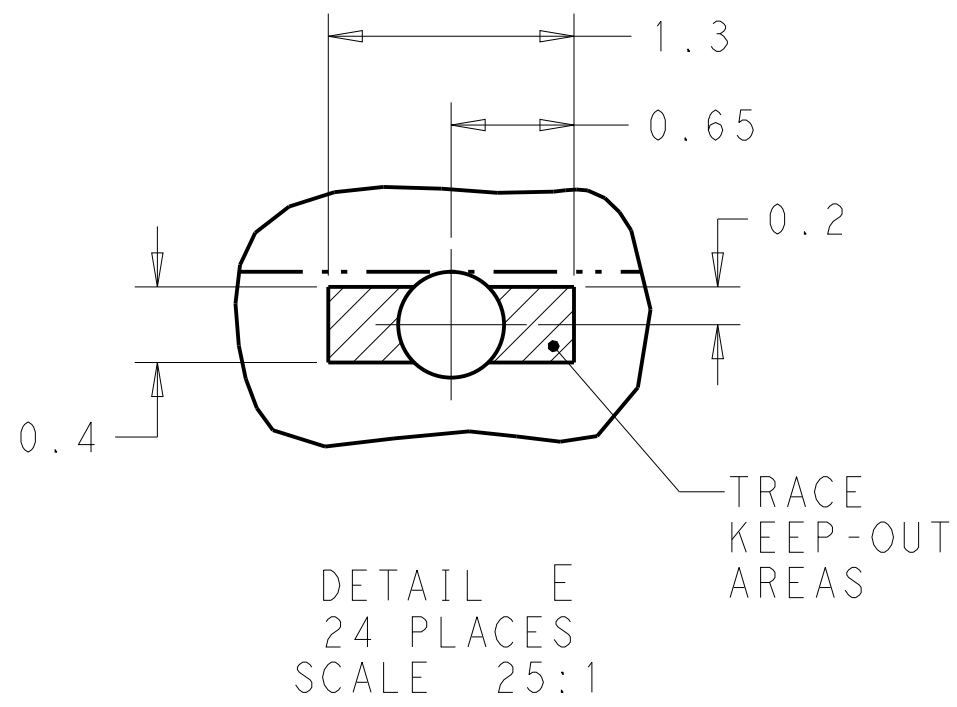
RECOMMENDED BEZEL LOCATION WITH EMI SPRINGS
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER CHK M.D. MORRISON APVD M.D. MORRISON	09DEC2011 13DEC2011 13DEC2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		PRODUCT SPEC 108-2431 APPLICATION SPEC 114-13319	
MATERIAL SEE NOTES		WEIGHT -		SIZE A100779	
CUSTOMER DRAWING		SCALE 3:1		SHEET 2 OF 5	
				REV A	

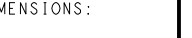


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09DC2011 M.F. COWHER CHK 13DC2011 M.D. MORRISON APVD 13DC2011 M.D. MORRISON		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ±. 1. PLC ±. 2. PLC ±. 3. PLC ±. 4. PLC ±. ANGLES ±.		NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+ -	
		PRODUCT SPEC 108-2431 APPLICATION SPEC 114-13319		SIZE CAGE CODE DRAWING NO A1 00779 C 2198346	
MATERIAL SEE NOTES FINISH SEE NOTES		WEIGHT CUSTOMER DRAWING		RESTRICTED TO - SCALE 3:1 SHEET 3 OF 5 REV A	

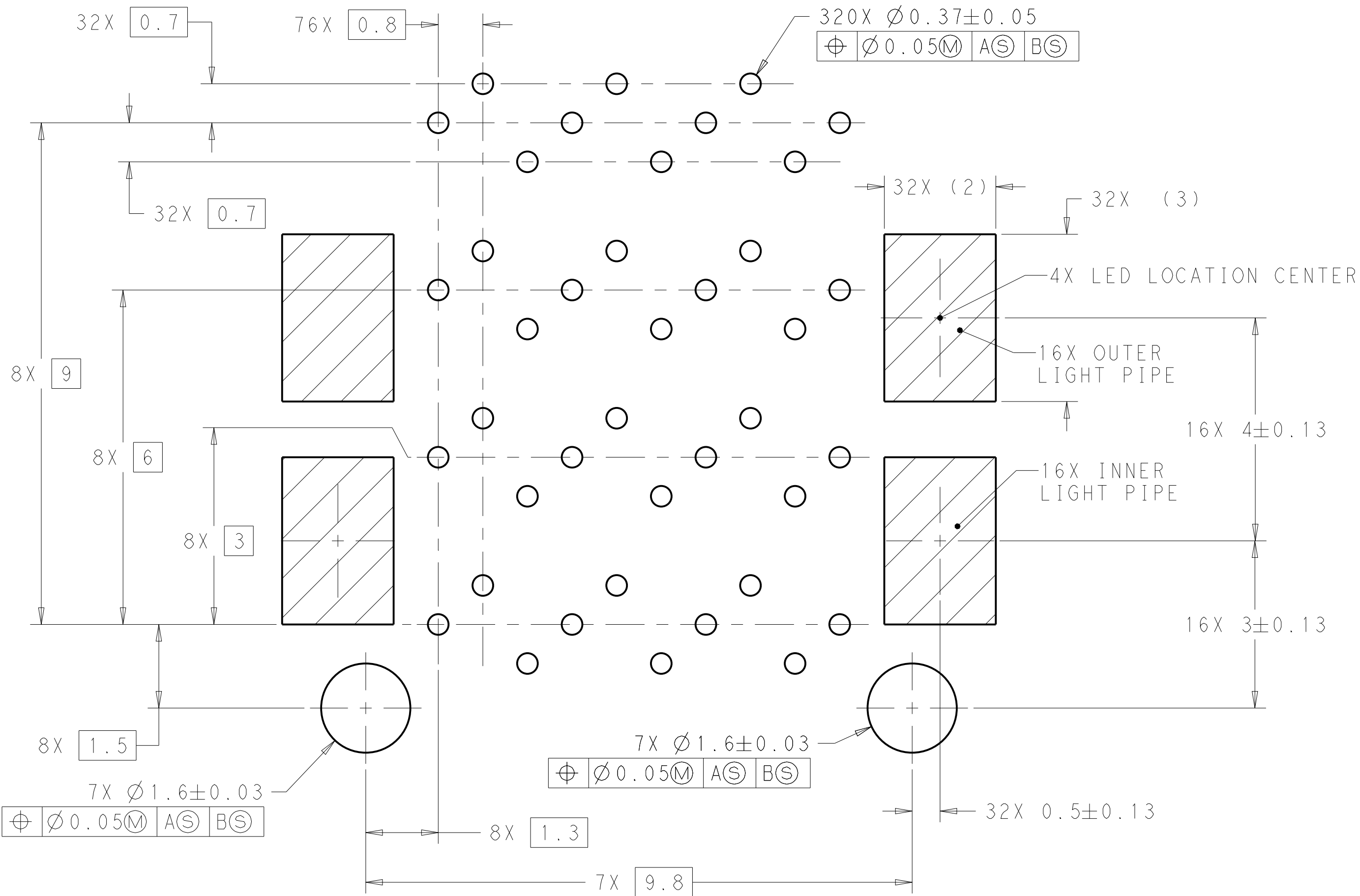
LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



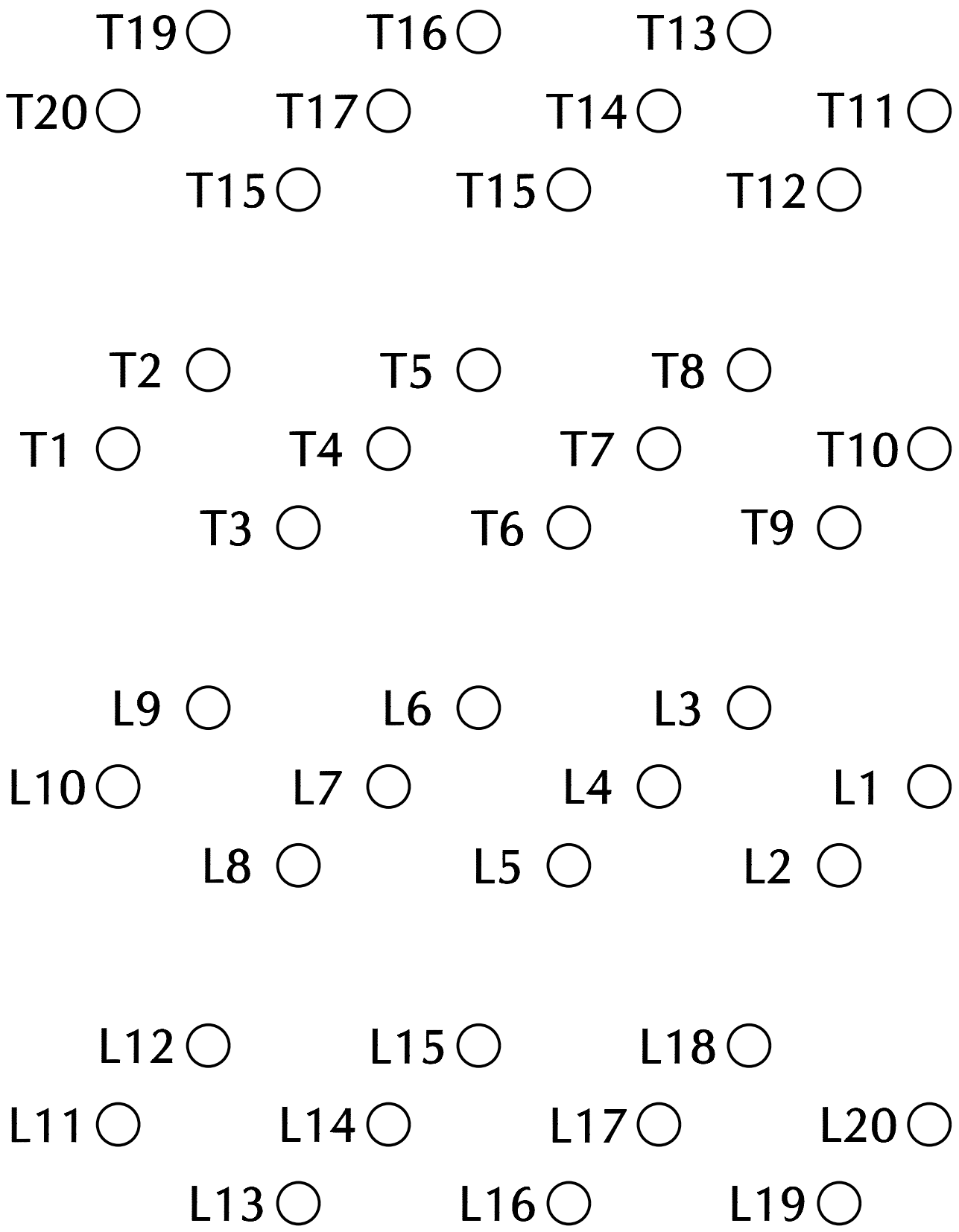
RECOMMENDED PCB LAYOUT
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 09DEC2011	 TE Connectivity		
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 13DEC2011	NAME	RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+	
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC 108-2431 APPLICATION SPEC 114-13319 WEIGHT	SIZE	CAGE CODE	DRAWING NO
MATERIAL SEE NOTES	SEE NOTES	CUSTOMER DRAWING	A1	100779	C=2198346
			SCALE	3:1	SHEET 4 OF 5
					REV A

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

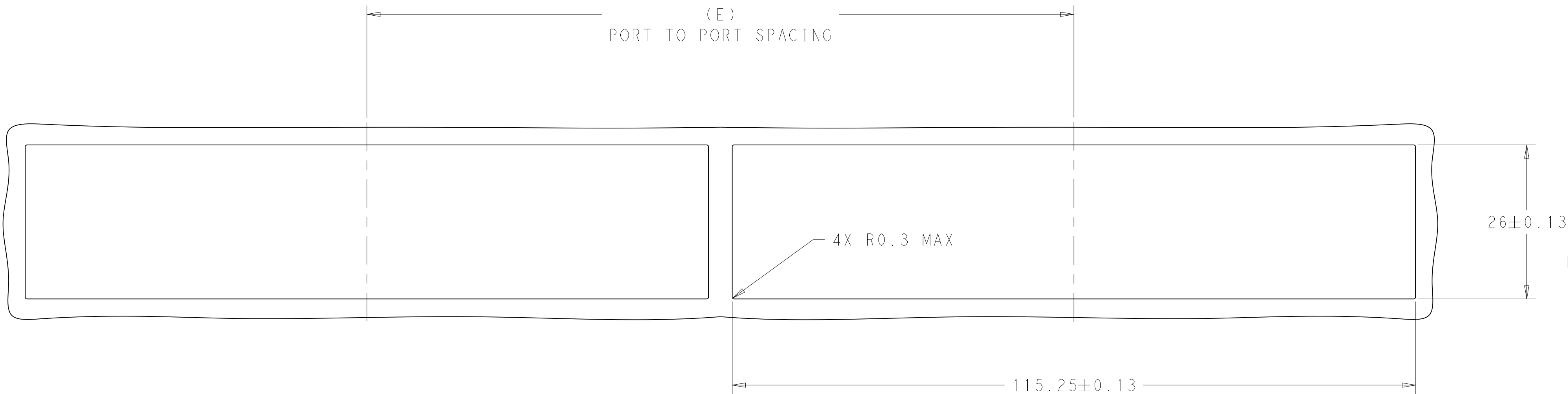


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1

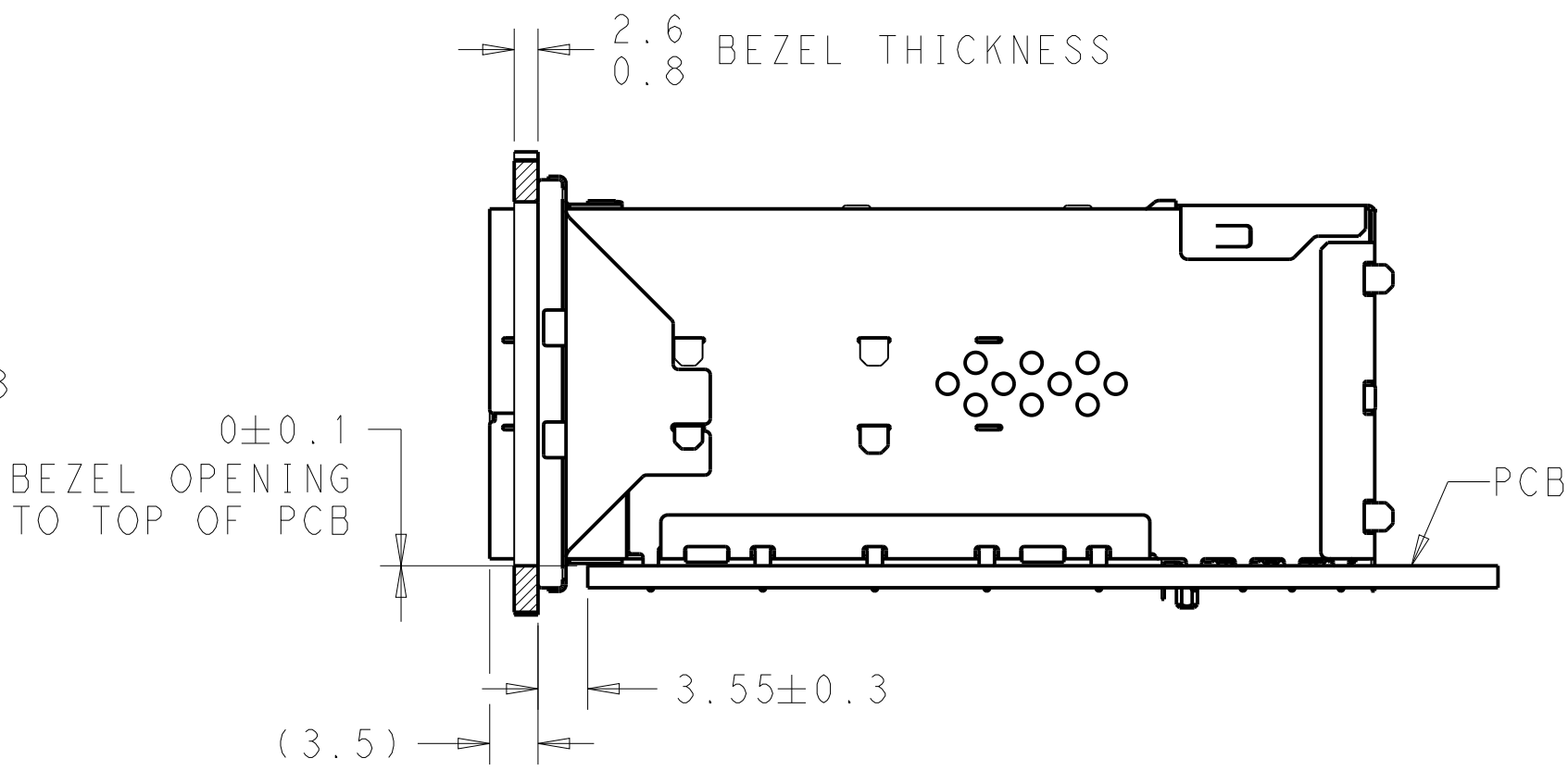


DETAIL D
PIN MAP
8X PLACES
SCALE 20:1

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 2:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONWHER 13DEC2011	 TE Connectivity			
DIMENSIONS:		CHK M.D. MORRISON 13DEC2011				
mm		APVD M.D. MORRISON 13DEC2011	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, zSFP+			
		PRODUCT SPEC 108-2431				
MATERIAL SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED: FINISH	APPLICATION SPEC 114-13319	SIZE A			
		WEIGHT -				
		CUSTOMER DRAWING	SCALE 3:1	SHEET 5	OF 5	REV A