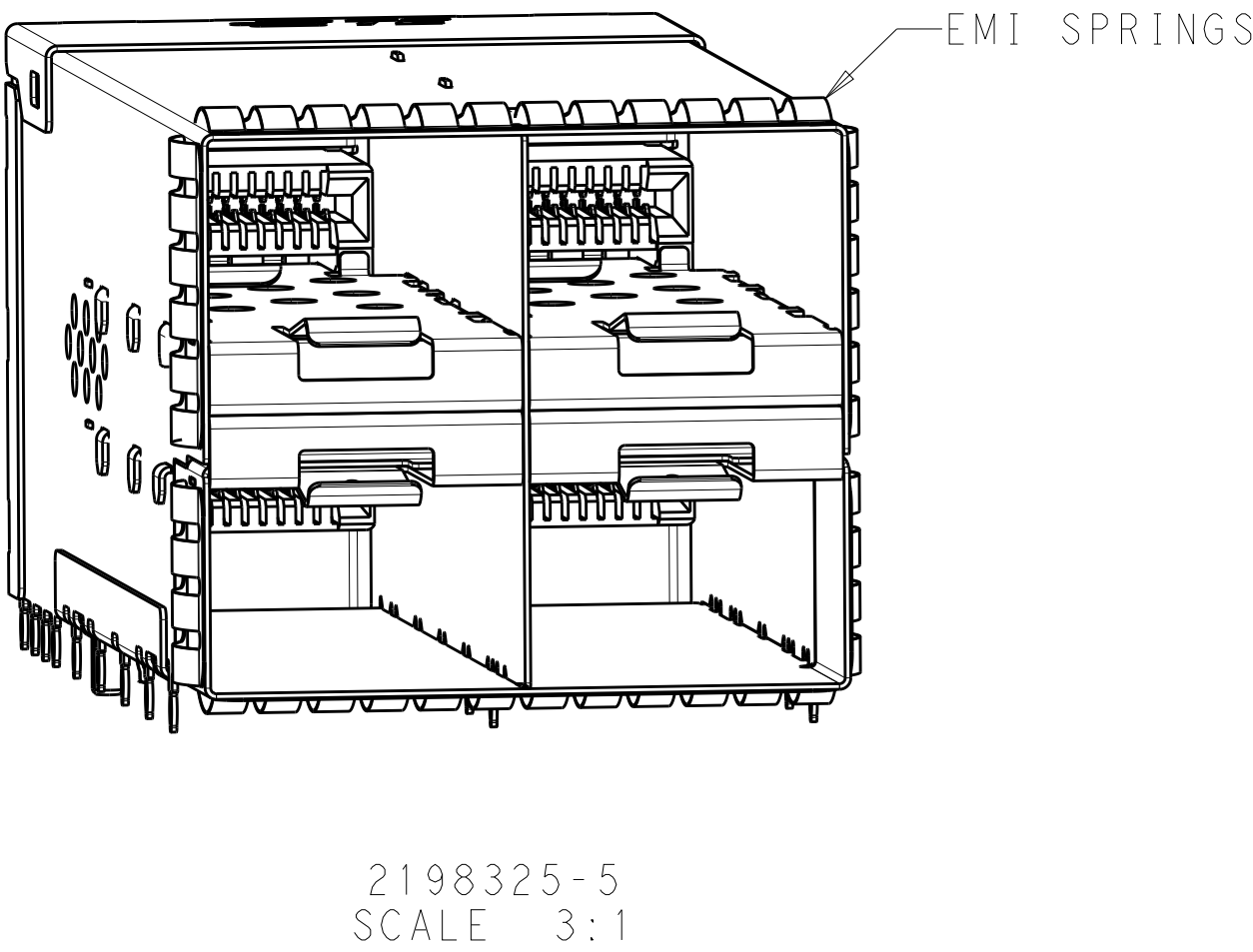
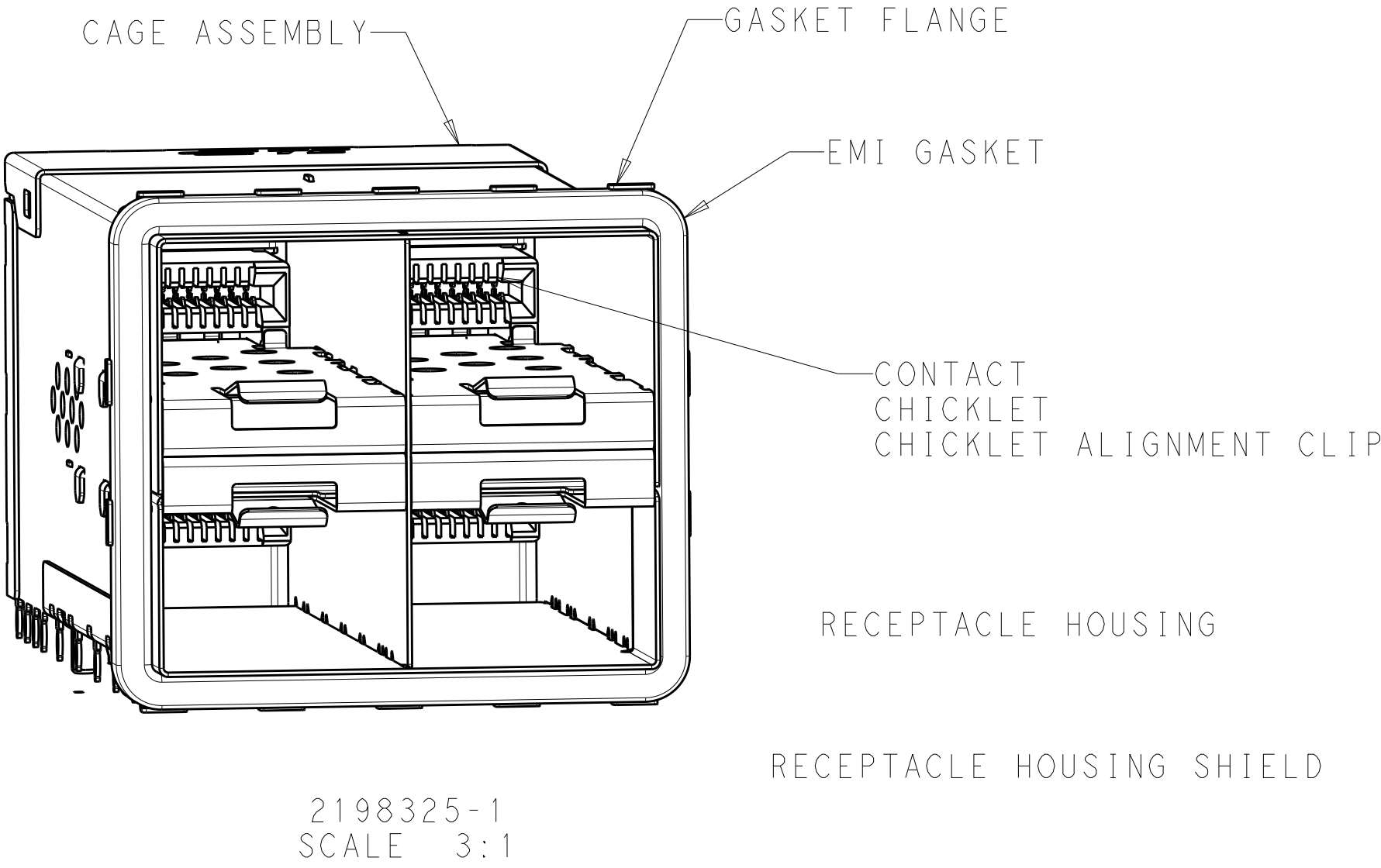


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	



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

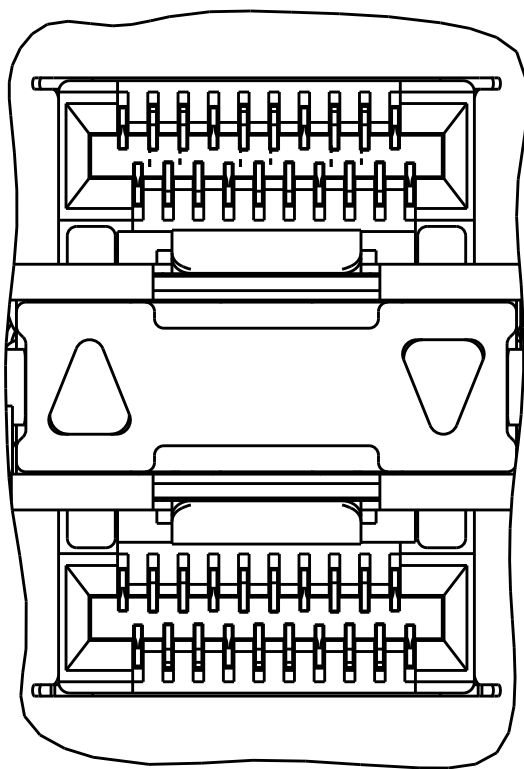
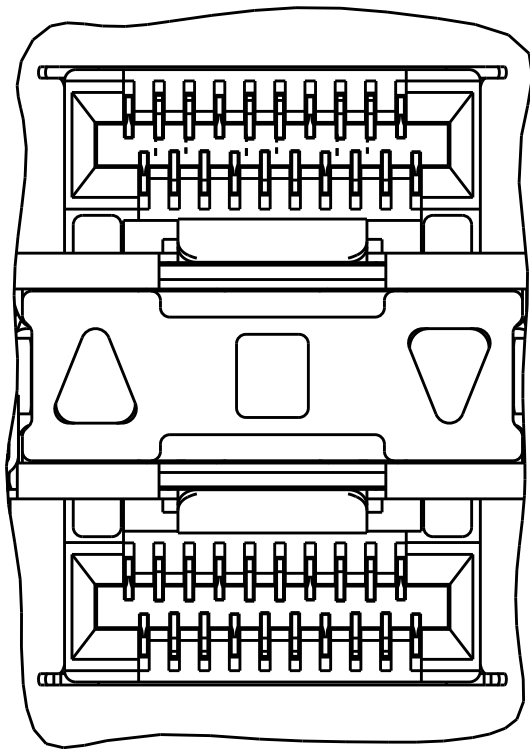
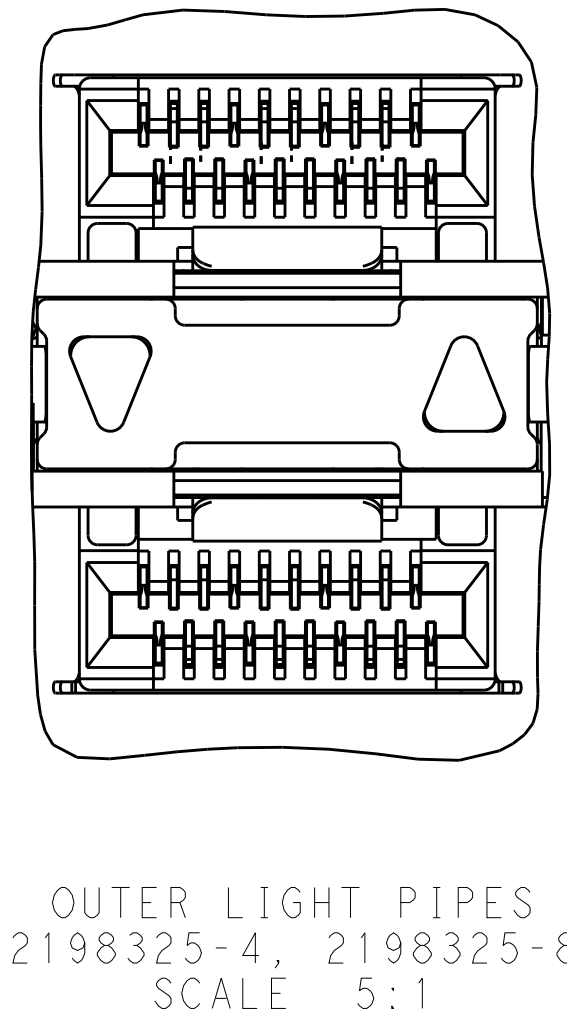
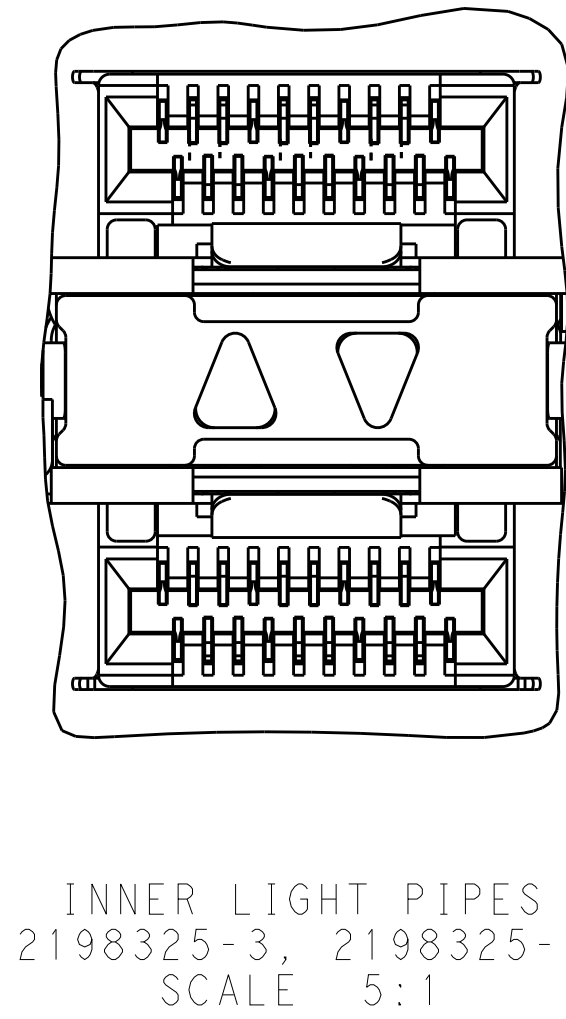
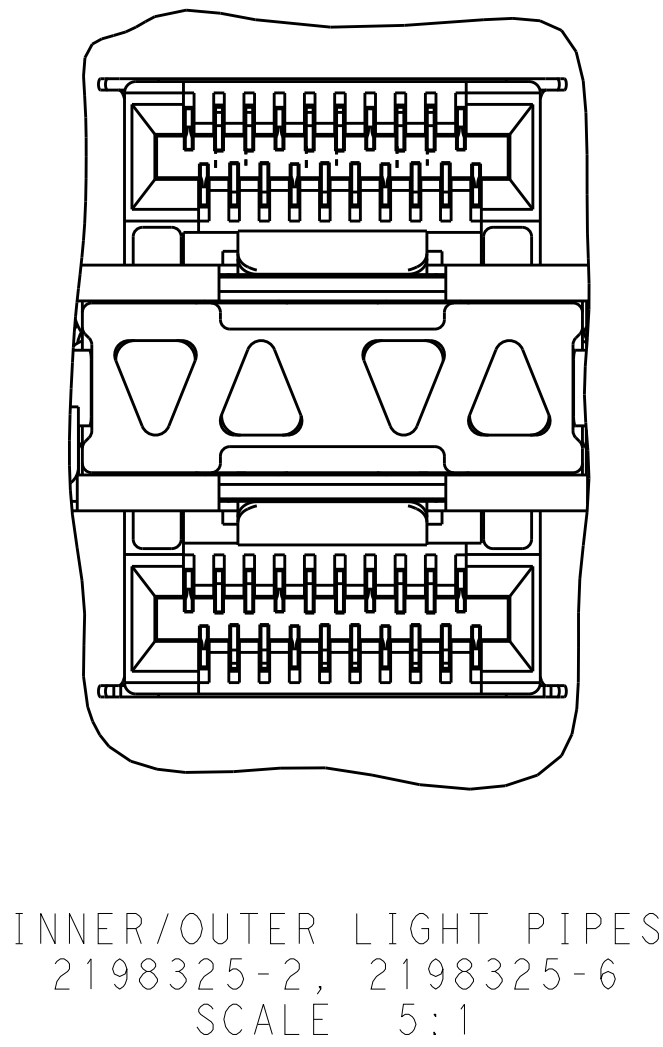
3. PCB MINIMUM THICKNESS = 1.5mm

⚠ 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

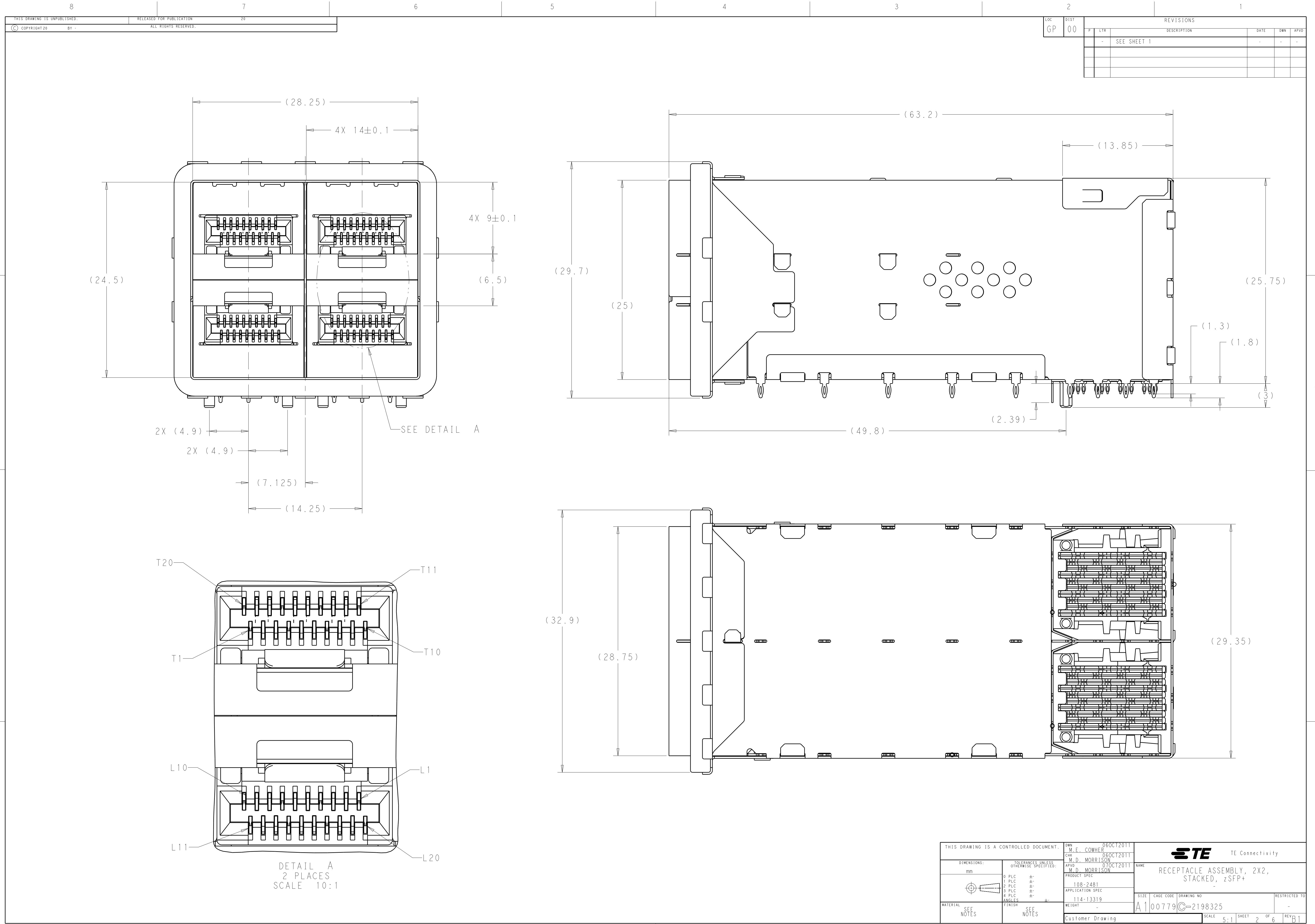
⚠ DIMENSIONS APPLY FOR EMI SPRINGS ONLY

⚠ 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

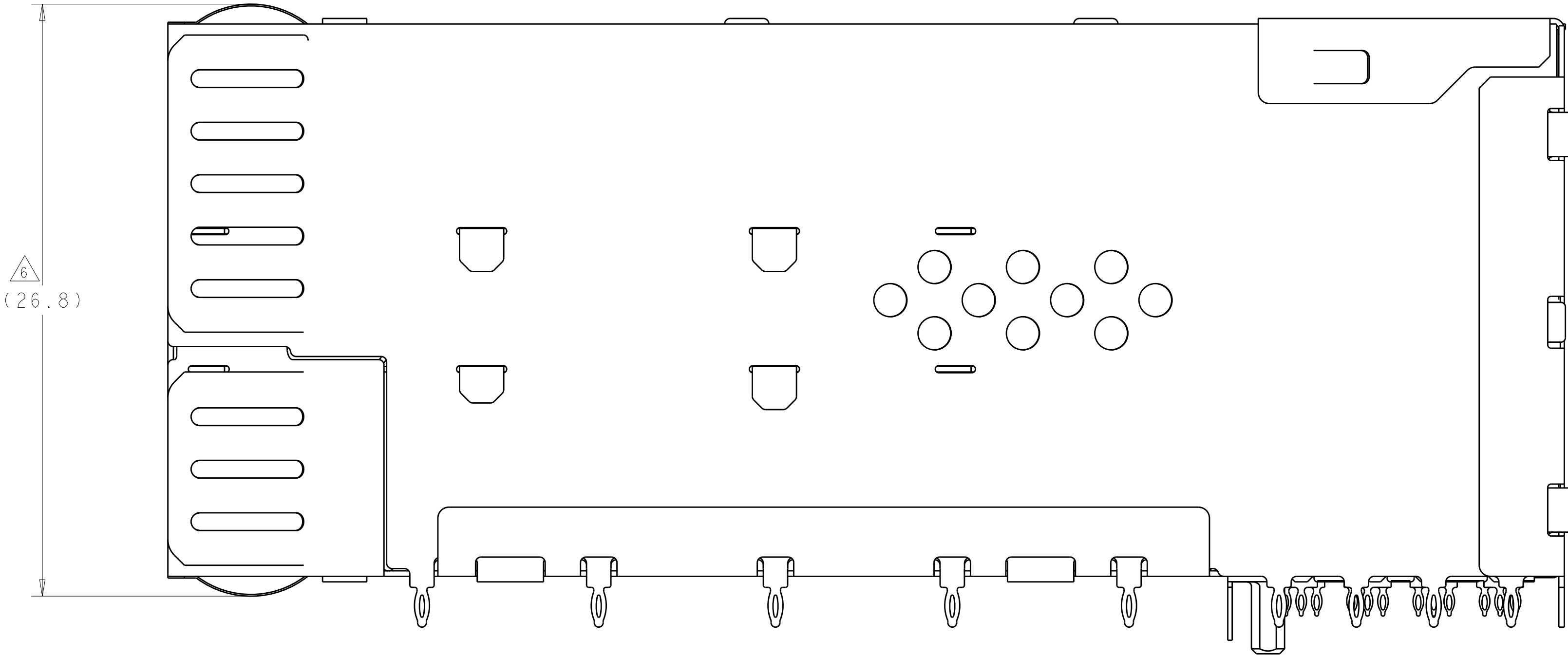
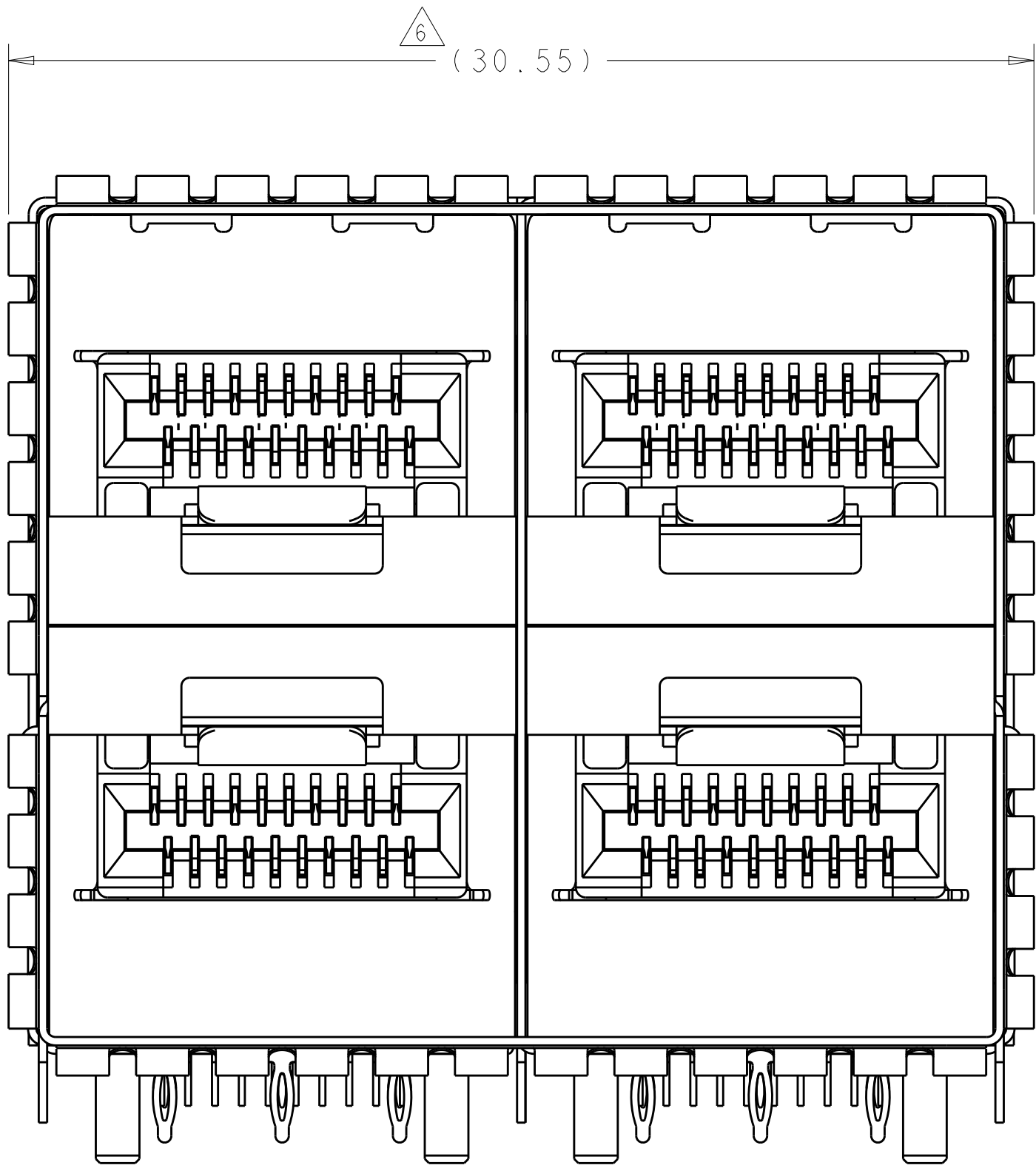


31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-2
31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-1
31	EMI SPRINGS	NONE	3-2198325-0
31	EMI SPRINGS	REVERSED OUTER	2-2198325-0
		CENTER/REVERSED OUTER	1-2198325-9
33.75	EMI GASKET	REVERSED OUTER	1-2198325-8
		CENTER/REVERSED OUTER	1-2198325-7
31	EMI SPRINGS	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 CHK M.D. MORRISON APVD M.D. MORRISON	06OCT2011 06OCT2011 07OCT2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.010 1 PLC ±.015 2 PLC ±.020 3 PLC ±.025 4 PLC ±.030 ANGLES ±.010		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319	
MATERIAL SEE NOTES		FINISH SEE NOTES		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
		WEIGHT -		A100779C=2198325	
		Customer Drawing		SCALE 4:1 SHEET 1 OF 6 REV B1	



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

CHK
M.D. MORRISON

APVD
M.D. MORRISON

06OCT2011

06OCT2011

07OCT2011

DIMENSIONS:

mm

0 PLC ±"

1 PLC ±"

2 PLC ±"

3 PLC ±"

4 PLC ±"

ANGLES ±"

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±"

±"

±"

±"

±"

±"

±"

MATERIAL

SEE NOTES

PRODUCT SPEC

108-2481

APPLICATION SPEC

114-13319

WEIGHT

-

Customer Drawing

SCALE 4:1

SHEET 3 OF 6

REV B1

TE Connectivity

NAME

RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

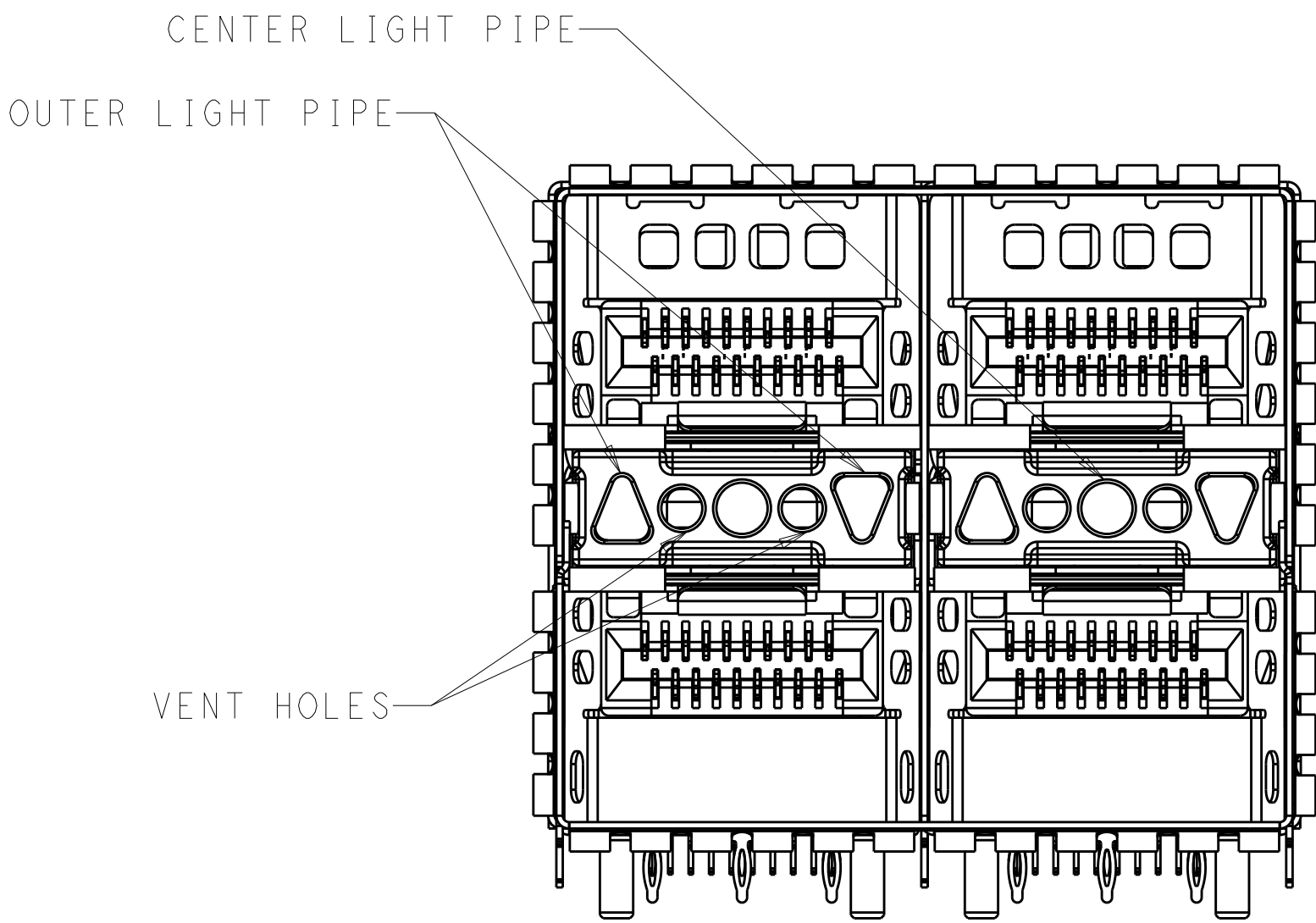
C=2198325

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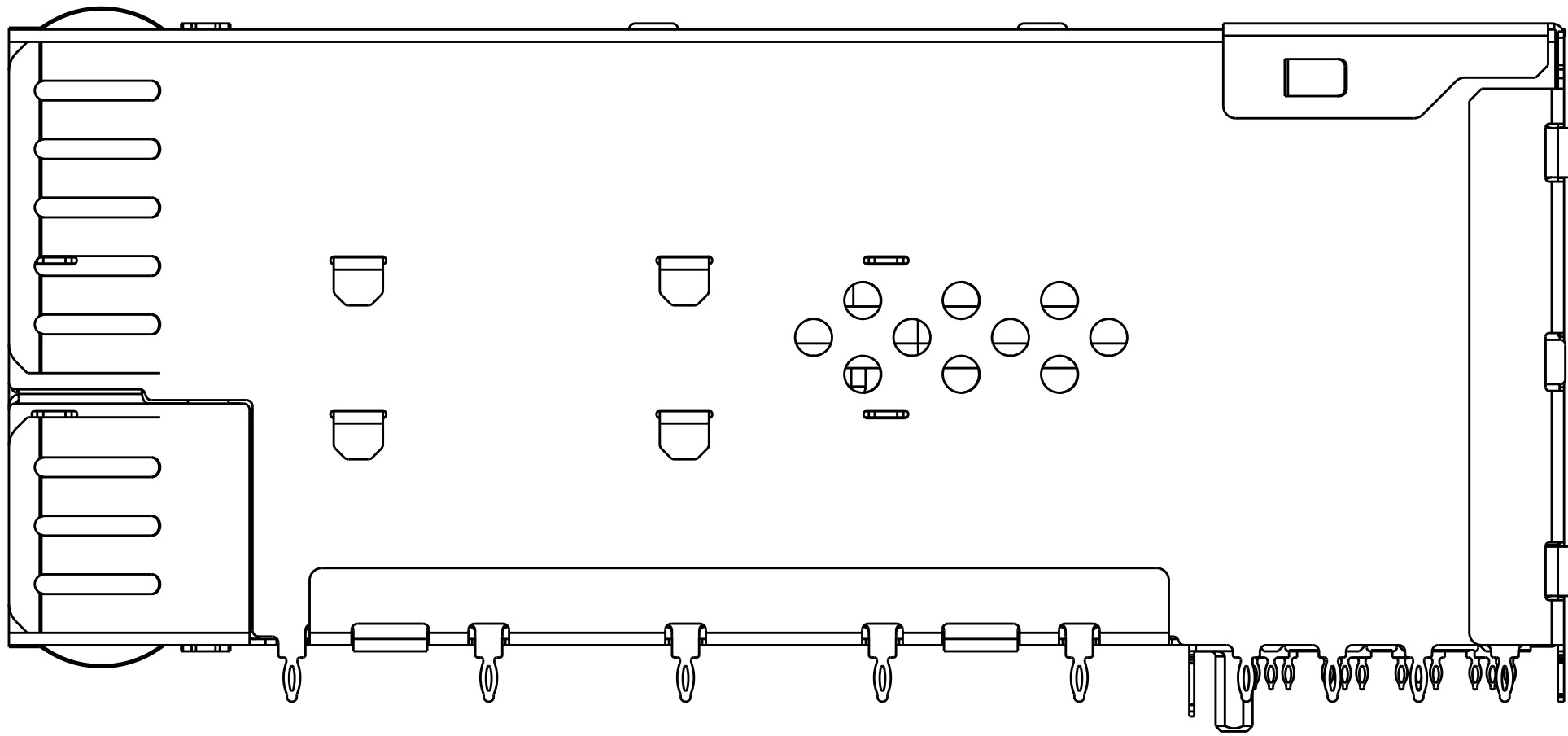
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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

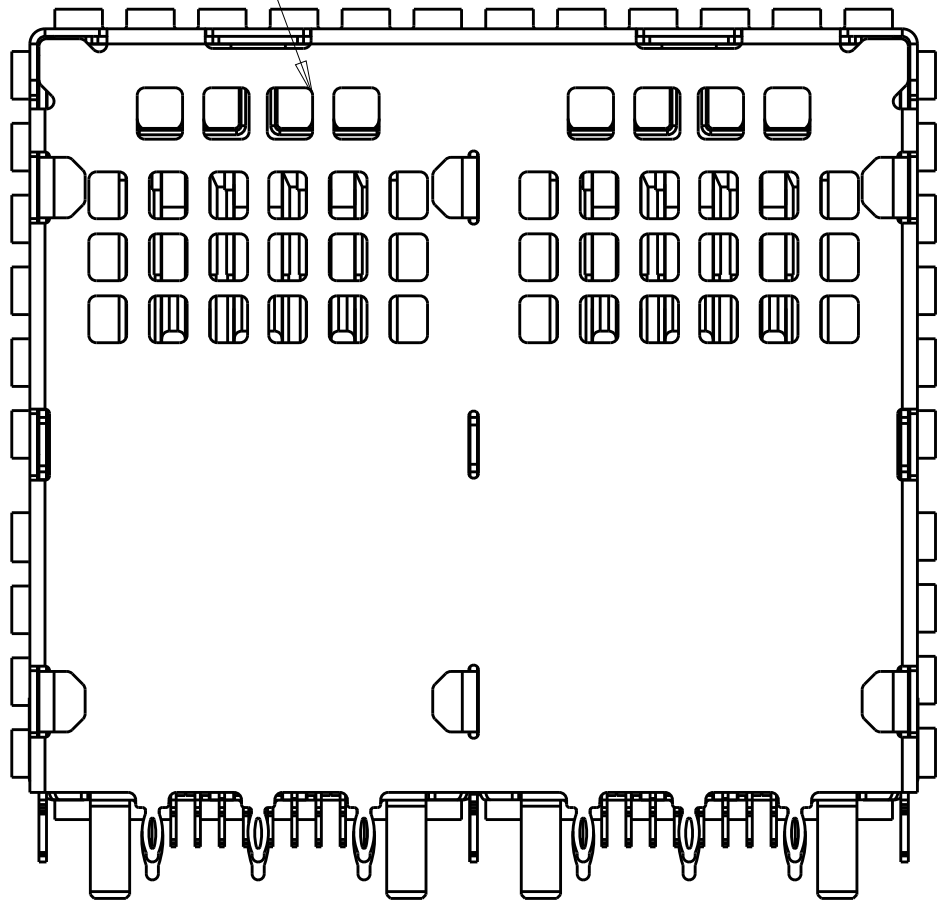
3-2198325-2 AIR FLOW ENHANCE VERSION
UNMARKED DIMENSION SAME AS 2198325-5



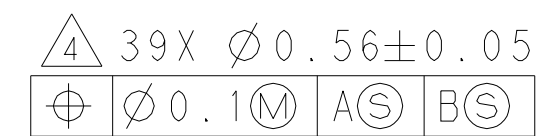
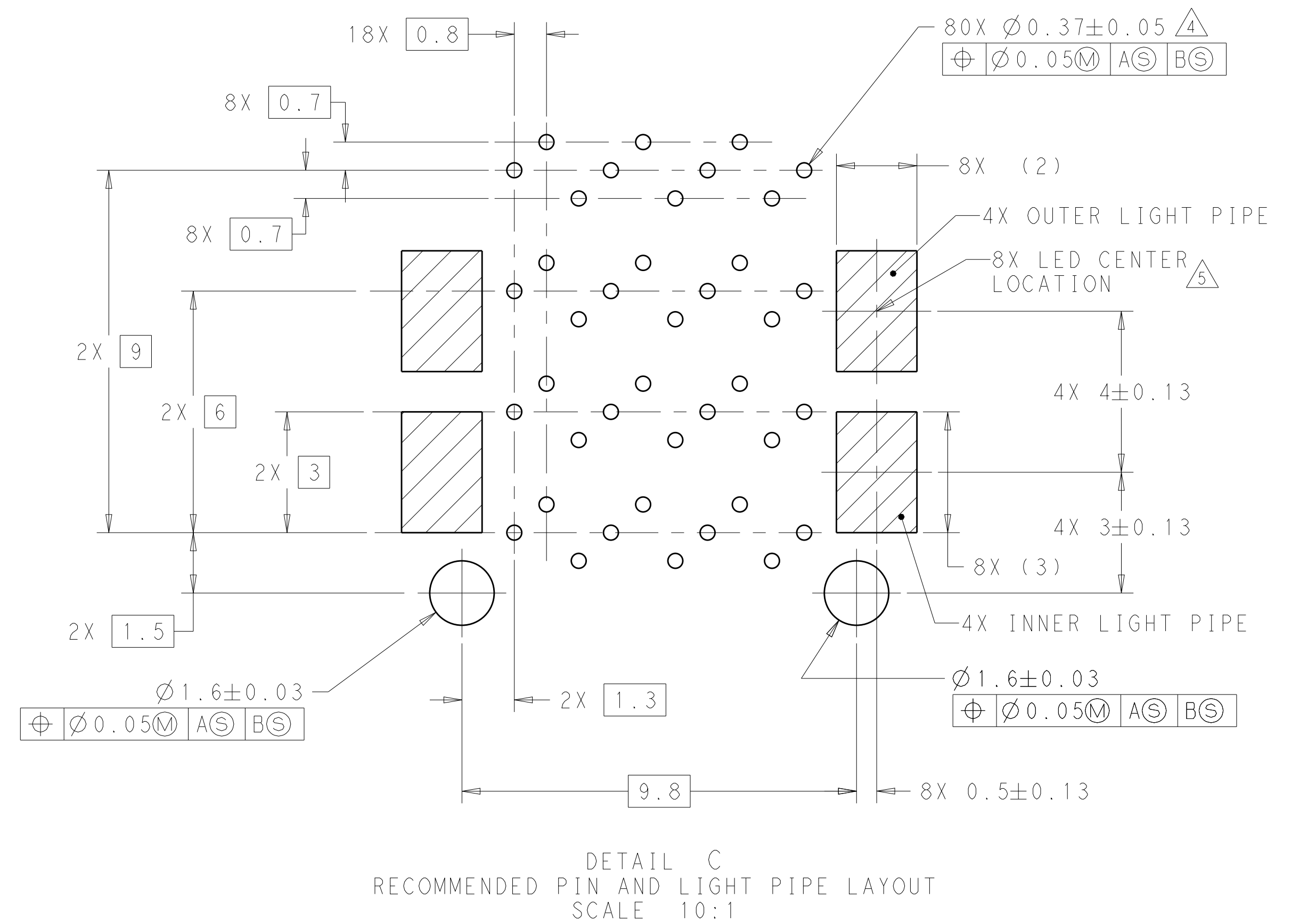
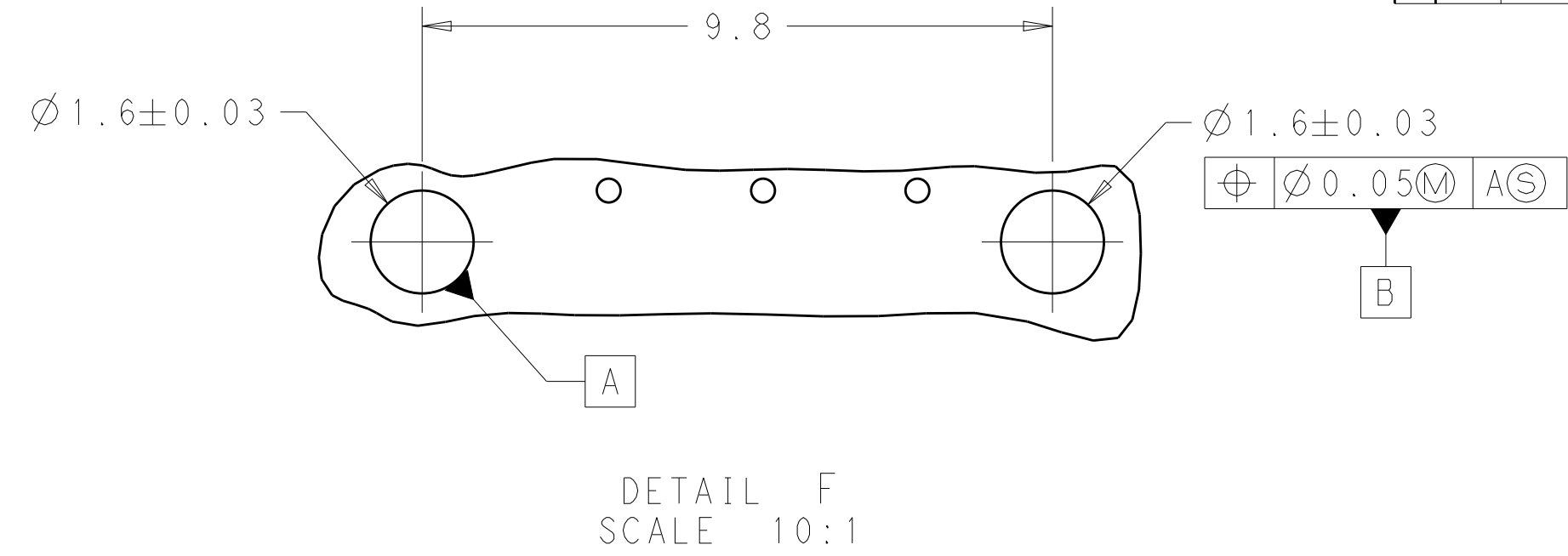
SCALE 4:1



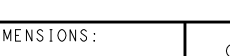
VENT HOLES PARTERN



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	SIZE CAGE CODE DRAWING NO A100779C=2198325	
	1 PLC ±	108-2481		
	2 PLC ±	APPLICATION SPEC		
MATERIAL SEE NOTES		ANGLES 114-13319	RESTRICTED TO -	
		FINISH SEE NOTES		
		WEIGHT -		
		Customer Drawing	SCALE 4:1 SHEET 4 OF 6 REV B1	



RECOMMENDED PCB LAYOUT
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 060CT2011 E. F. COWHER CHK 060CT2011 M. D. MORRISON 070CT2011 M. D. MORRISON		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1		NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFF+ -	
MATERIAL SEE NOTES		FINISH SEE NOTES		SIZE A1	
WEIGHT -		CASE CODE 100779		DRAWING NO C=2198325	
Customer Drawing		SCALE 4:1		SHEET 5 OF 6	
				REV B	

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

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

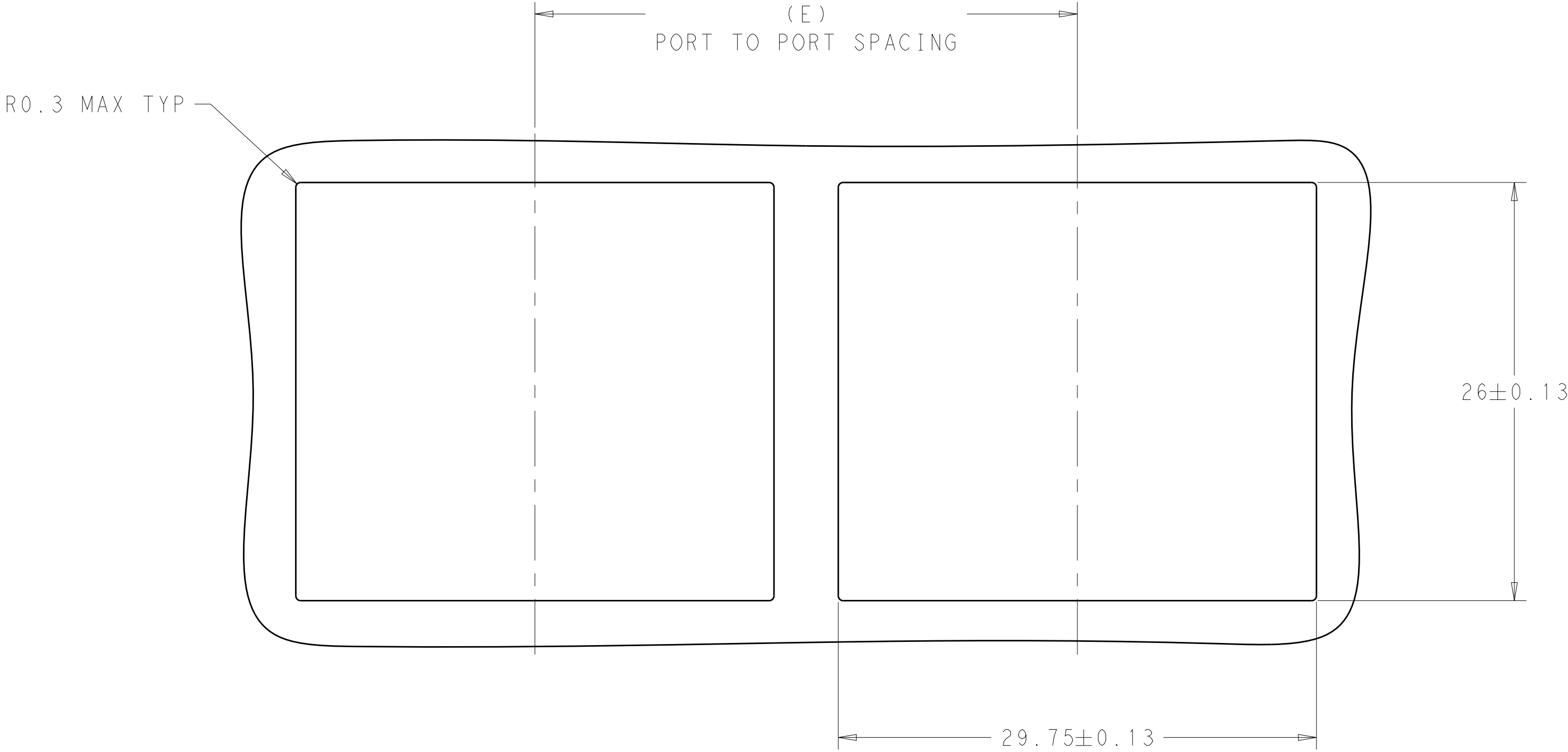
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

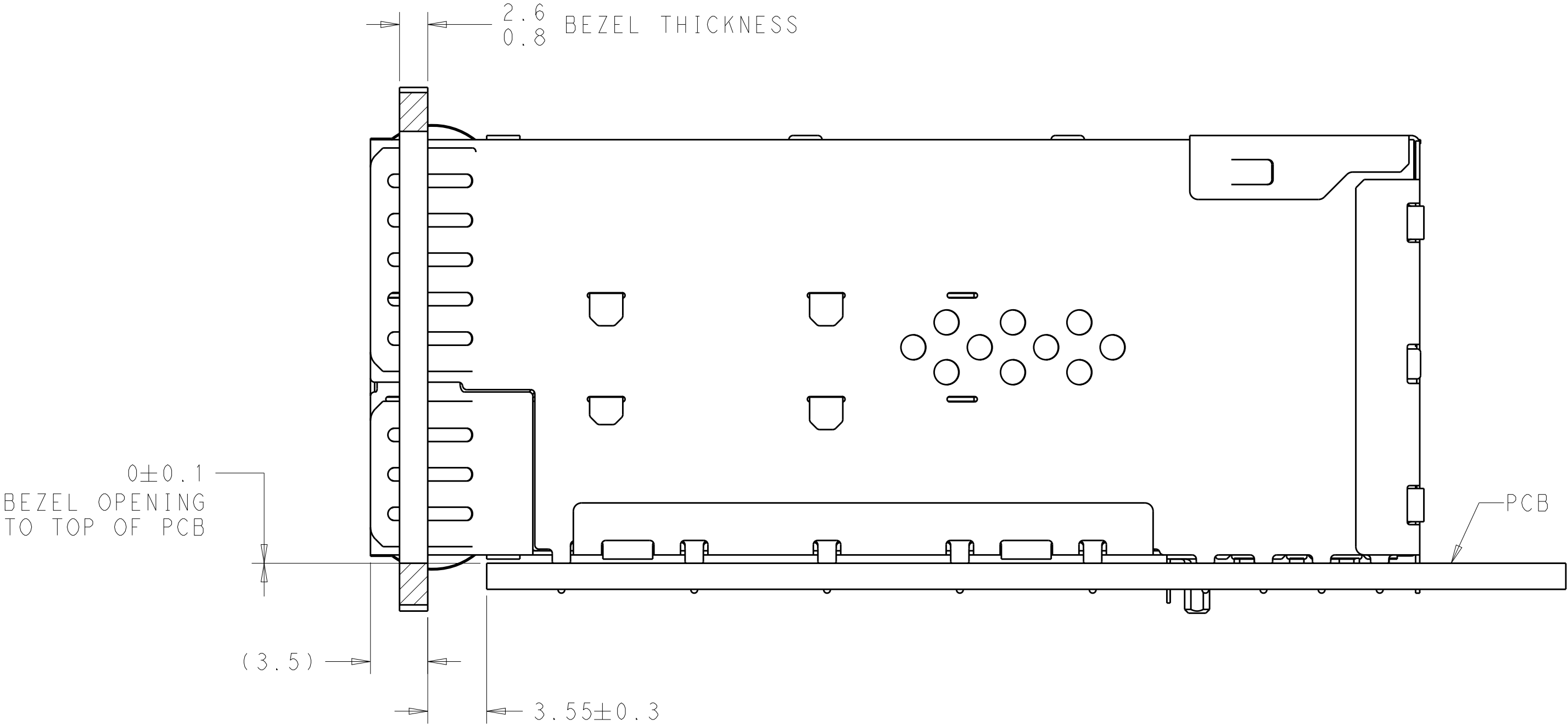
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

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

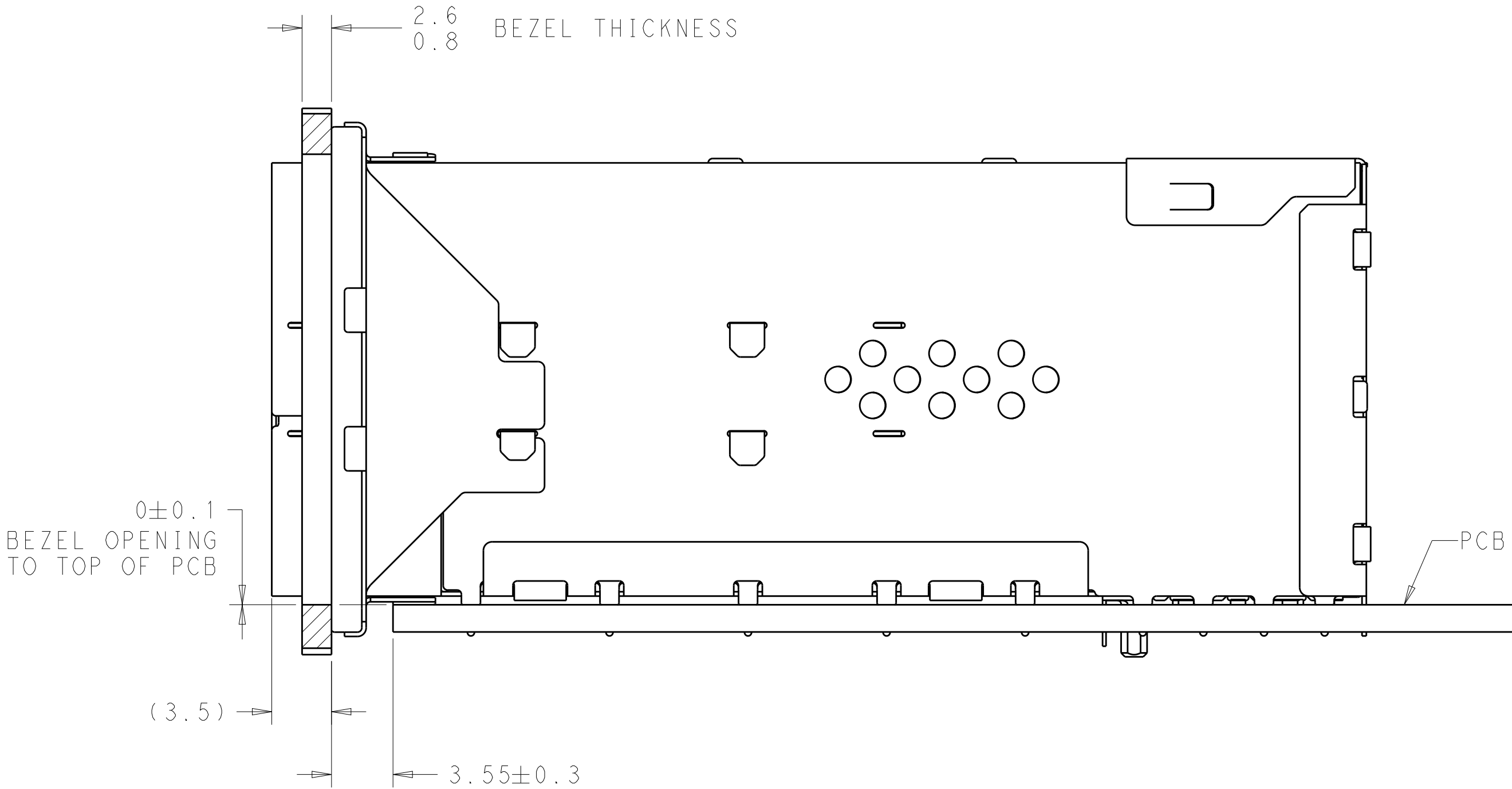
DETAIL D
PIN MAP
2 PLACES
SCALE 15:1



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	06OCT2011 06OCT2011 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 ± FINISH ±	108-2481 APPLICATION SPEC 114-13319 WEIGHT	SIZE CAGE CODE DRAWING NO	A100779C=2198325	
MATERIAL SEE NOTES	SEE NOTES	Customer Drawing	SCALE 4:1	SHEET 6 OF 6	REV B1