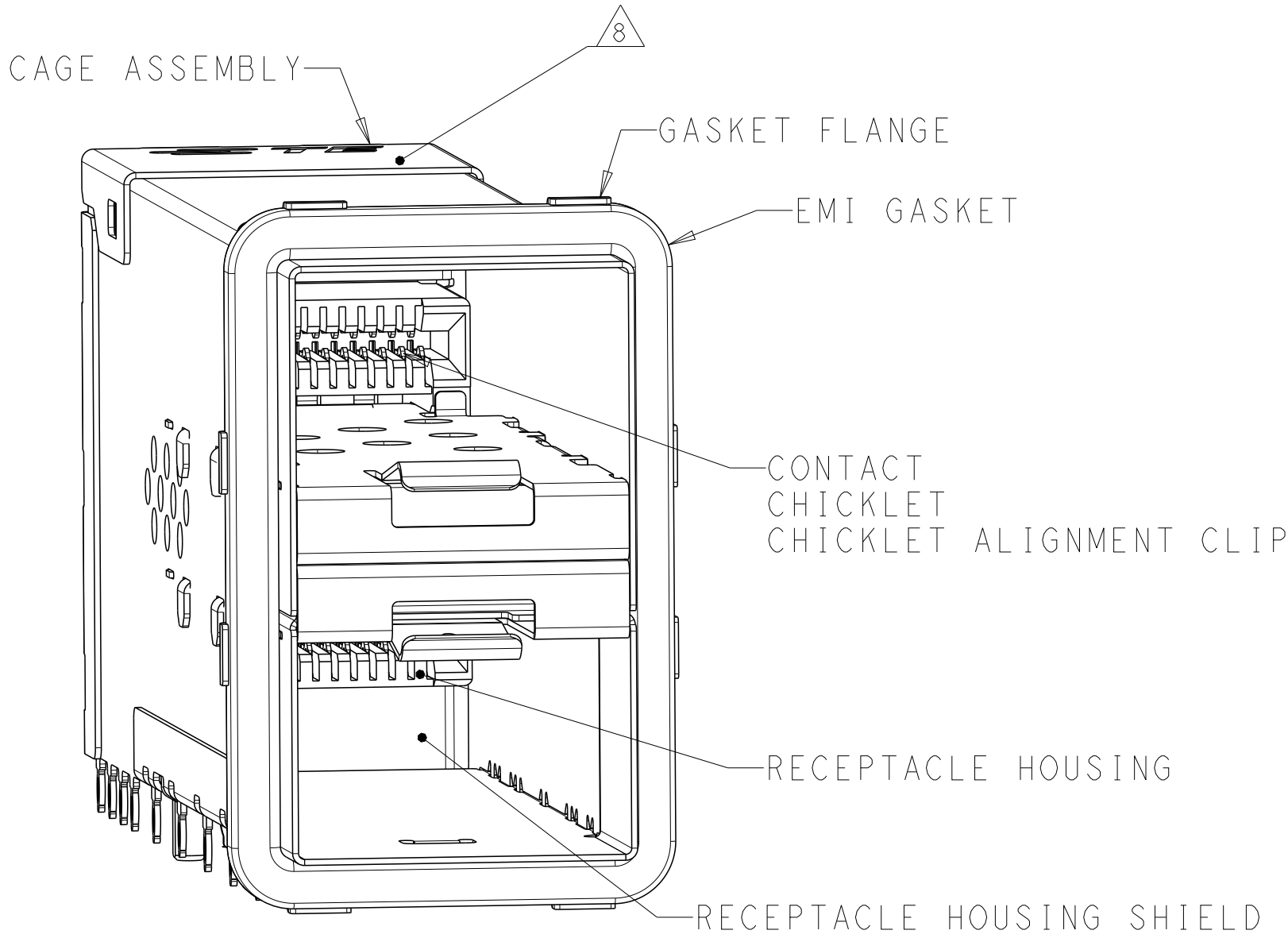
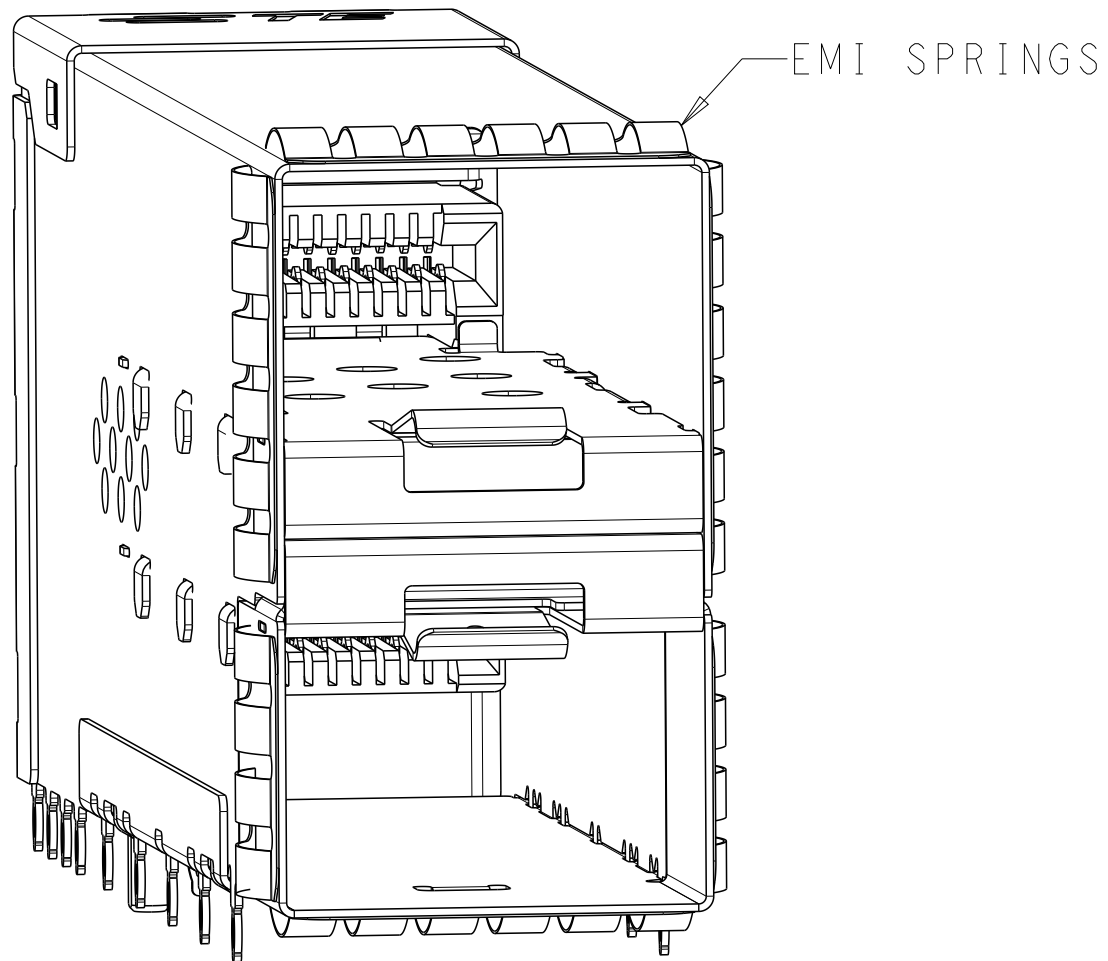


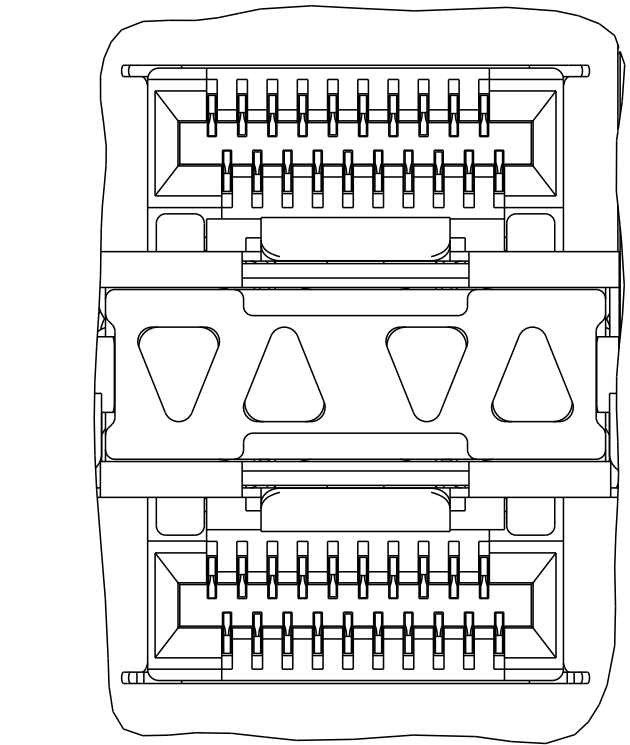
LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	
			C	REVISED PER ECN-22-166164	25JUL2022	1T	SZ	
			C1	REVISED PER ECN-25-305491	10FEB2024	SSH	RCG	



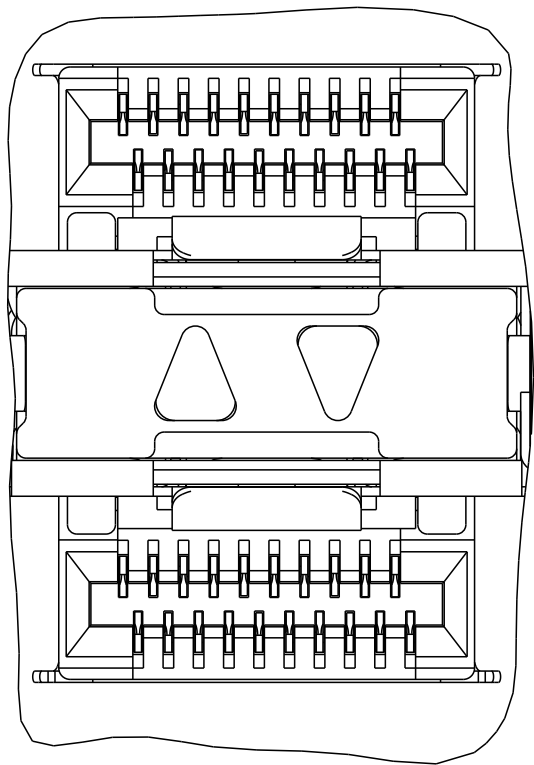
2198318-1
SCALE 4:1



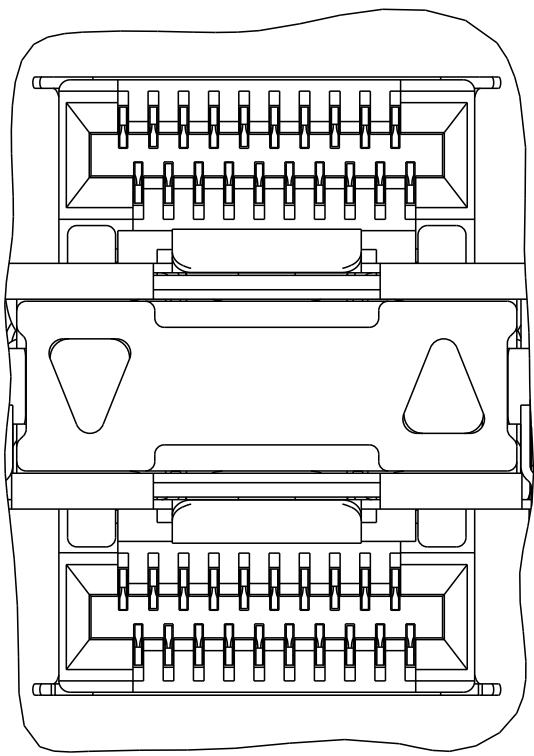
2198318-5
SCALE 4:1



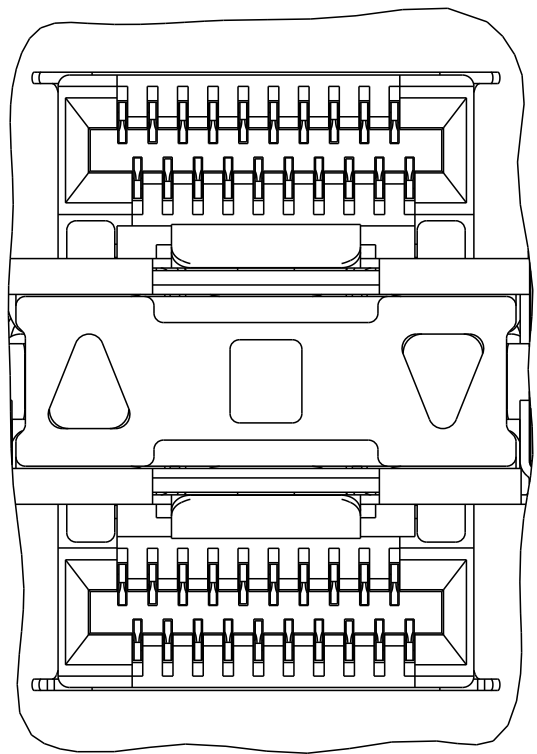
INNER/OUTER LIGHT PIPES
2198318-2, 2198318-6
SCALE 5:1



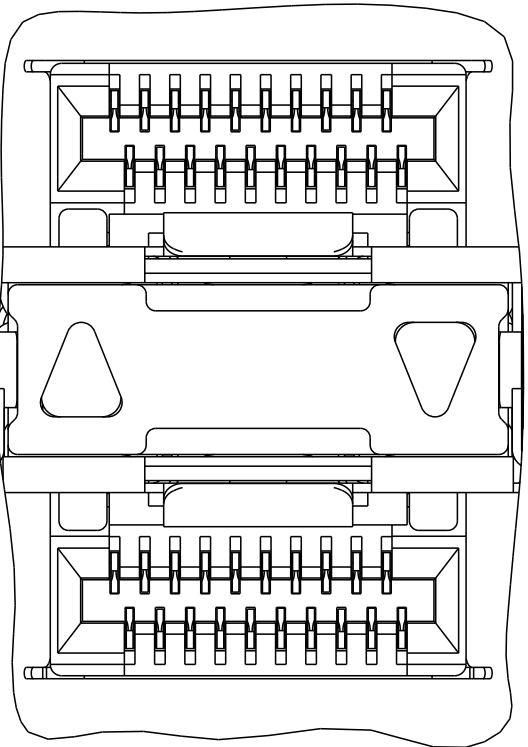
INNER LIGHT PIPES
2198318-3, 2198318-7
SCALE 5:1



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

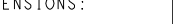
1. MATERIALS:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
CONNECTOR HOUSING SHIELD - COPPER ALLOY
CHICKLET - LCP, BLACK, UL 94V-O RATED
CHICKLET ALIGNMENT CLIP - PBT
CONTACT - COPPER ALLOY
EMI GASKET - ELASTOMERIC
GASKET FLANGE - STAINLESS STEEL
EMI 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
8. LASER MARK DATE CODE AND PART NUMBER IN APPROXIMATE LOCATION SHOWN

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+		
		PRODUCT SPEC 108-2481			
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±5° FINISH	APPLICATION SPEC 114-13319	SIZE A1		
		WEIGHT -			
MATERIAL SEE NOTES		Customer Drawing		SCALE 4:1	
		SHEET 1 OF 4		REV C1	

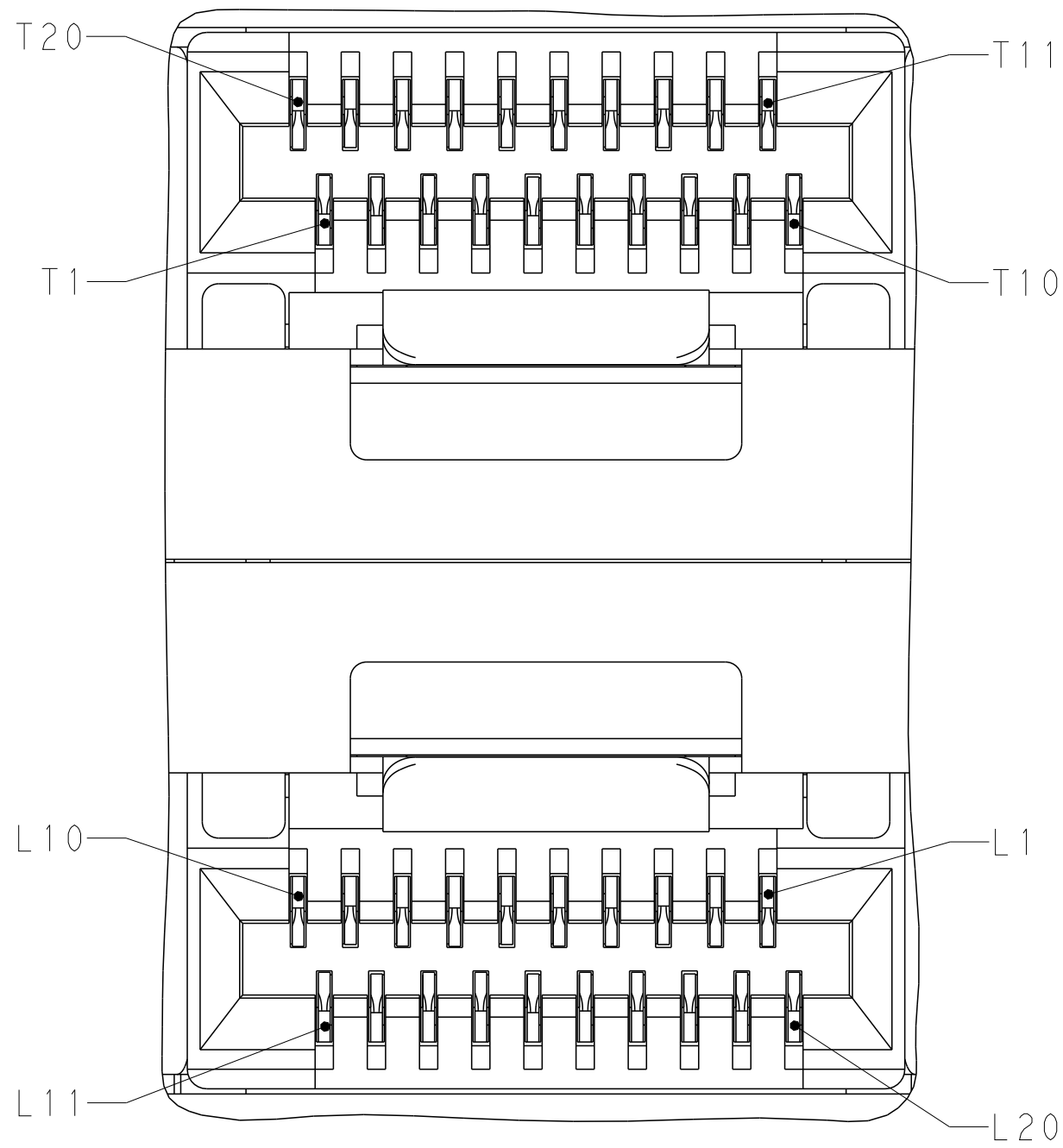
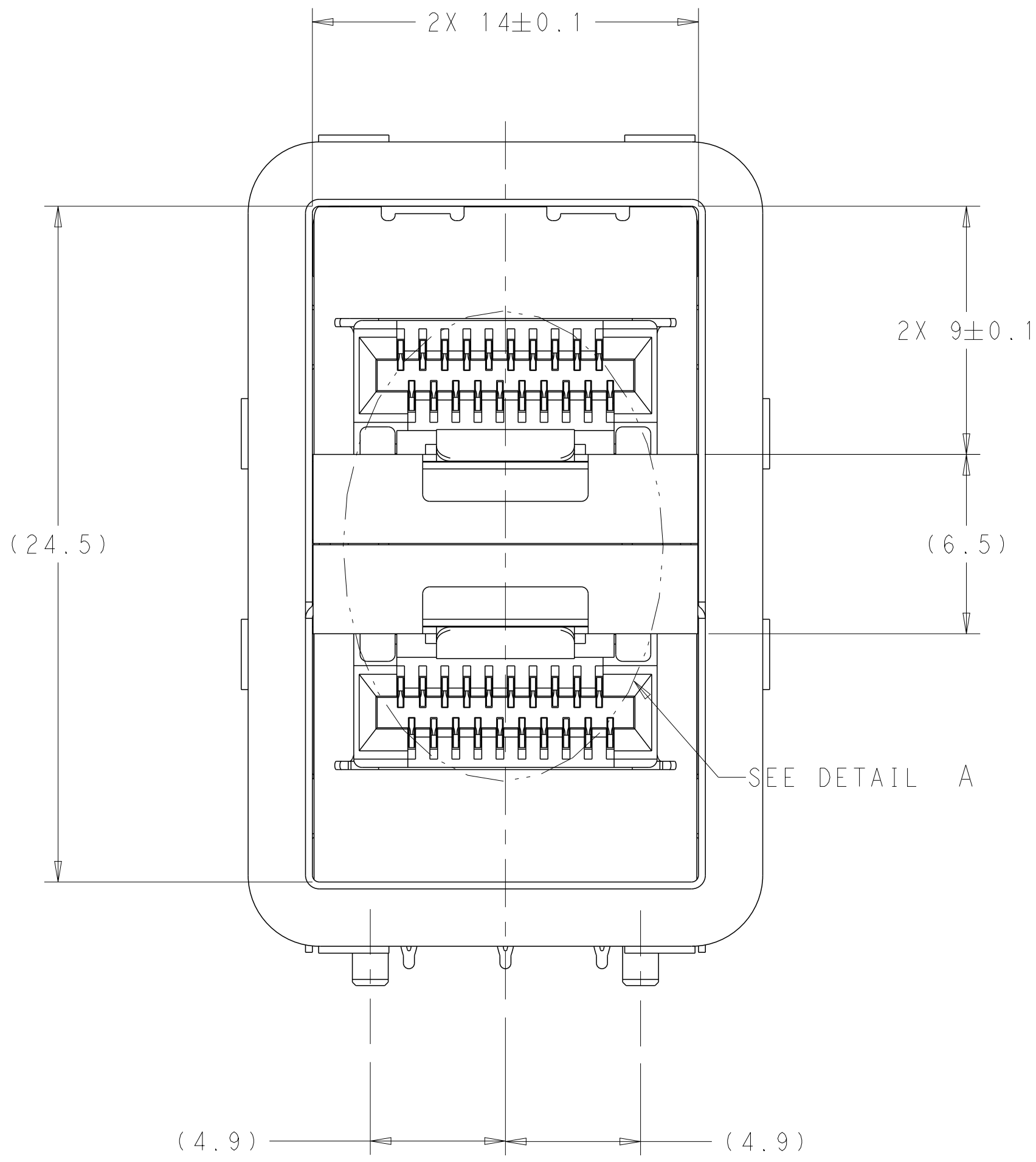
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-		SEE SHEET 1	-	-	-

D

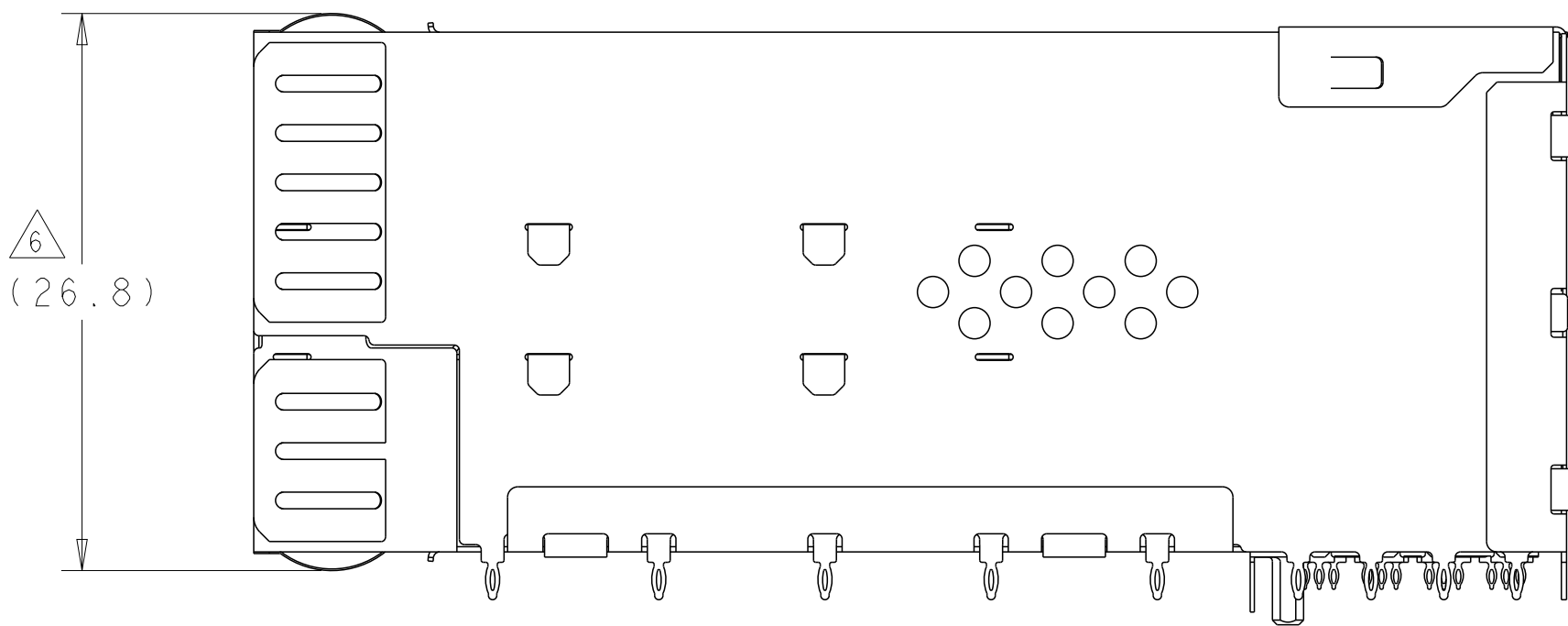
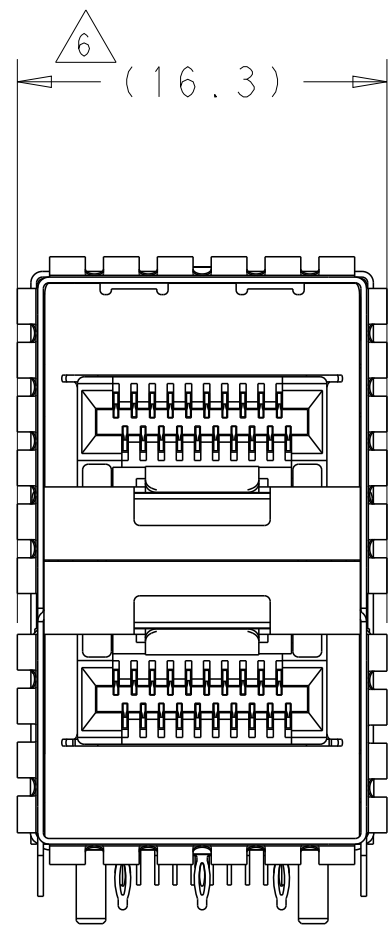
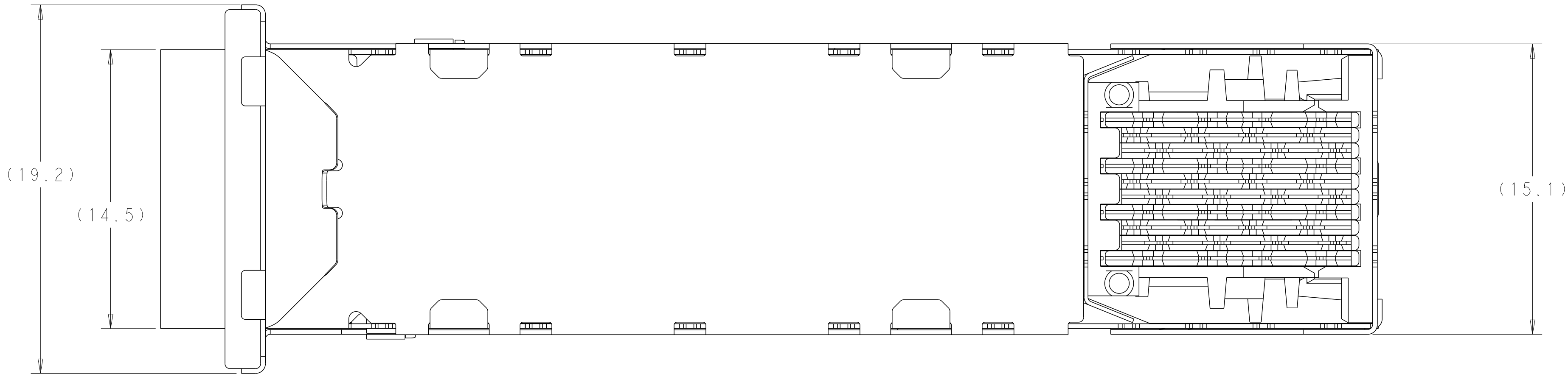
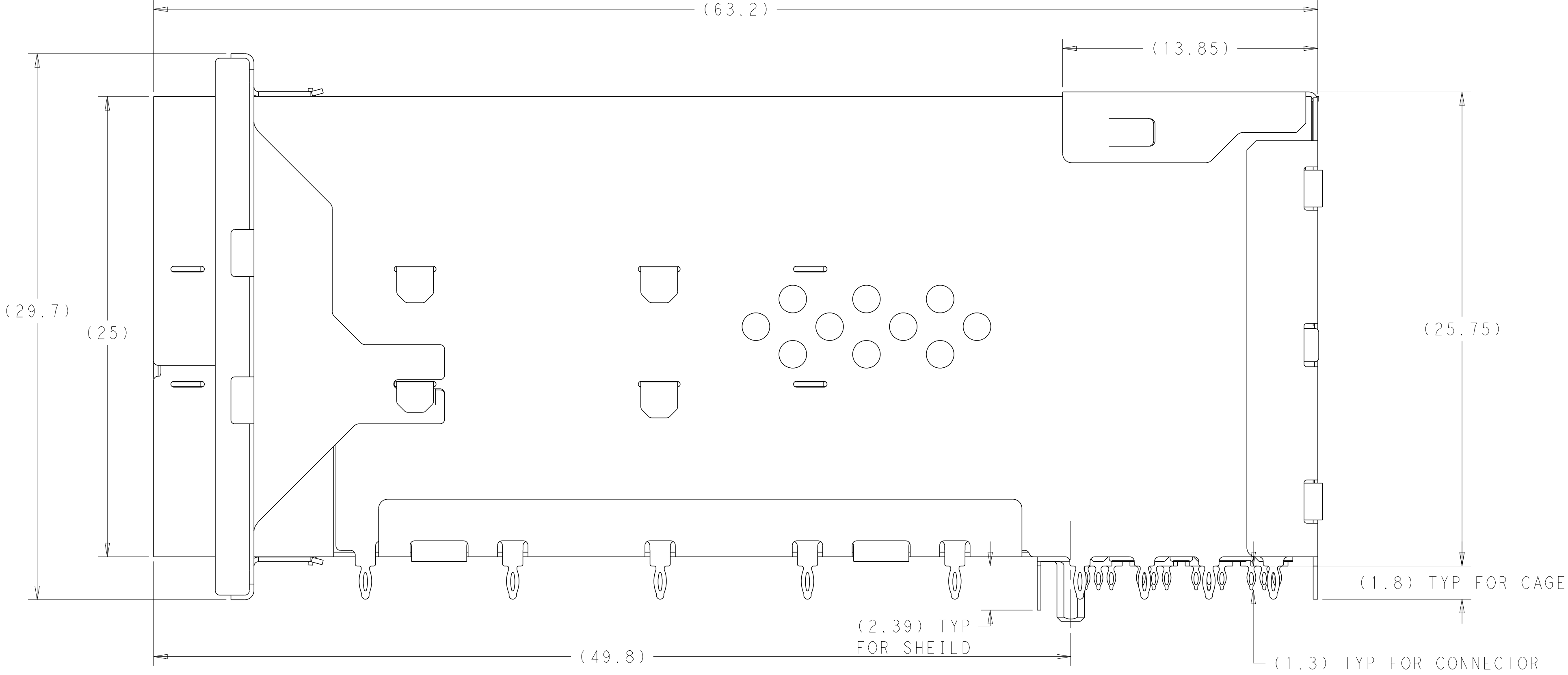
C

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. COWHER 10CT2011
CHK: M.D. MORRISON 180CT2011
APVD: M.D. MORRISON 180CT2011

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.25
1 PLC ± 0.25
2 PLC ± 0.25
3 PLC ± 0.25
4 PLC ± -
ANGLES ± 5°
FINISH

MATERIAL SEE NOTES

SEE NOTES

PRODUCT SPEC: 108-2481
APPLICATION SPEC: 114-13319
WEIGHT: -

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 2198318

NAME: RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+

RESTRICTED TO: -

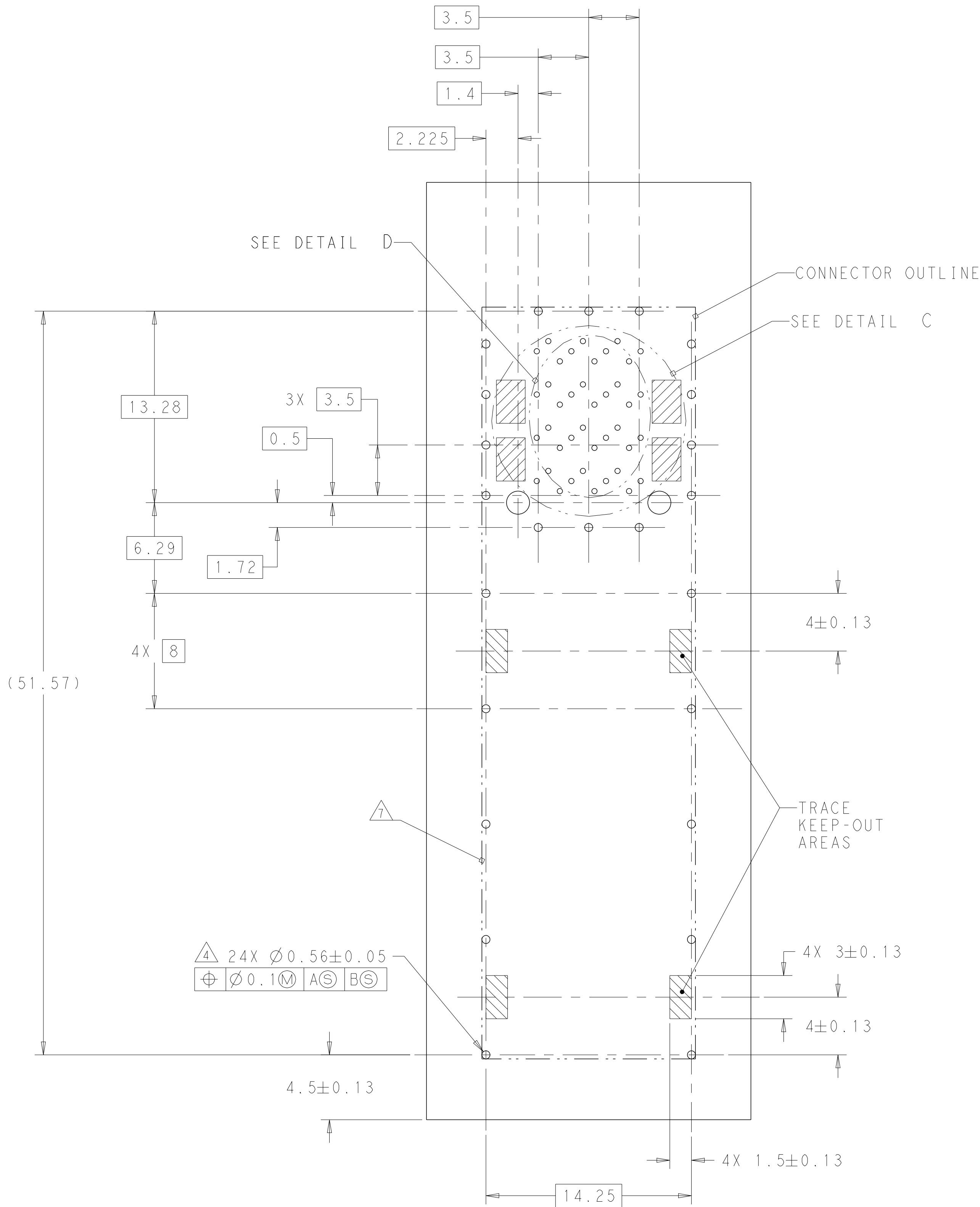
Customer Drawing

SCALE: 6:1

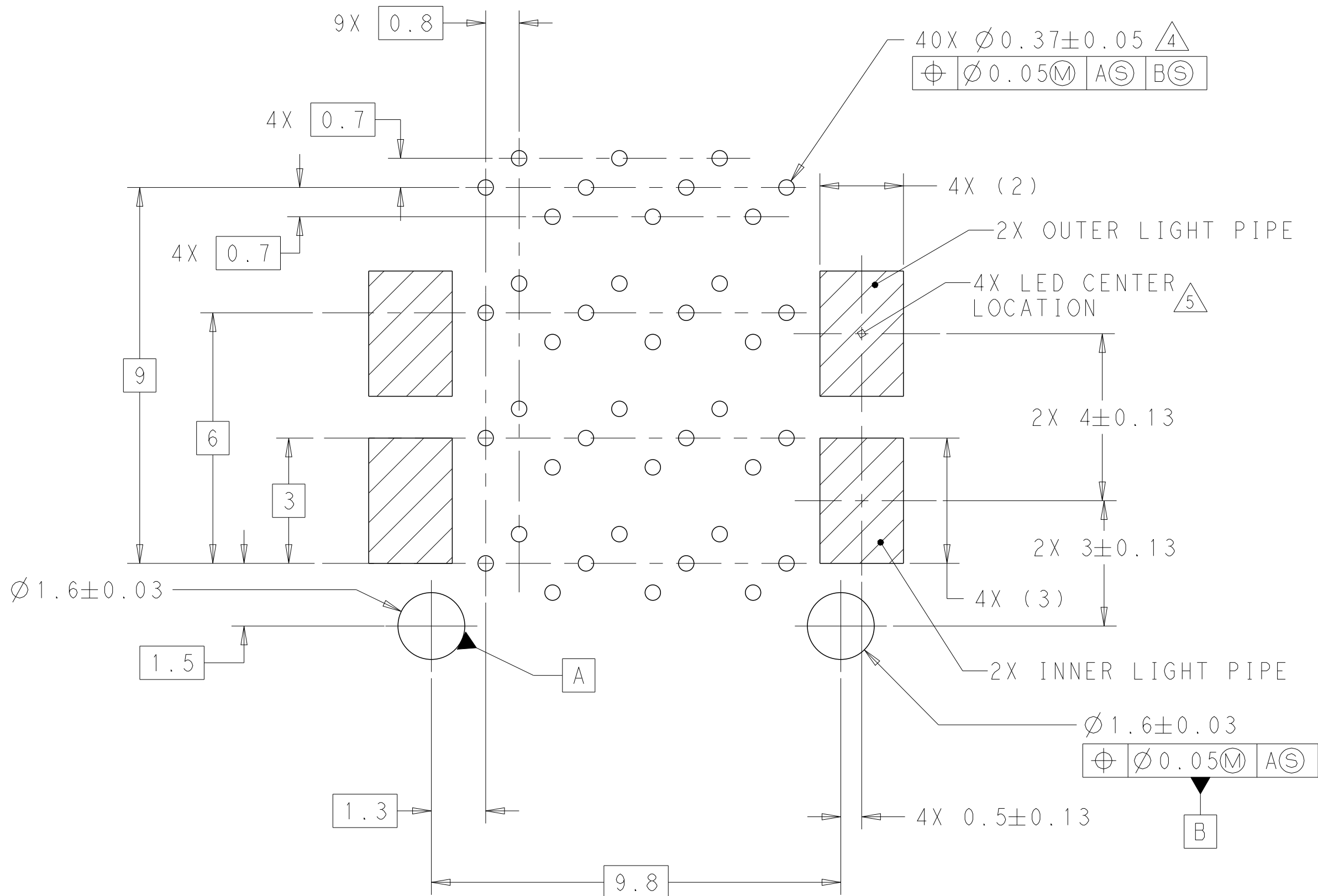
SHEET: 2 OF 4

REV: C1

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. COWHER

CHK: M.D. MORRISON

APVD: M.D. MORRISON

110CT2011

180CT2011

180CT2011

DIMENSIONS:

mm

0 PLC ± 0.2

1 PLC ± 0.20

2 PLC ± 0.15

3 PLC ± -

4 PLC ± -

ANGLES ± 5°

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

Customer Drawing

SCALE 4:1

SHEET 3 OF 4

REV C1

TE Connectivity

RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+

SIZE A1

CAGE CODE 00779

DRAWING NO. 2198318

RESTRICTED TO -

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

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

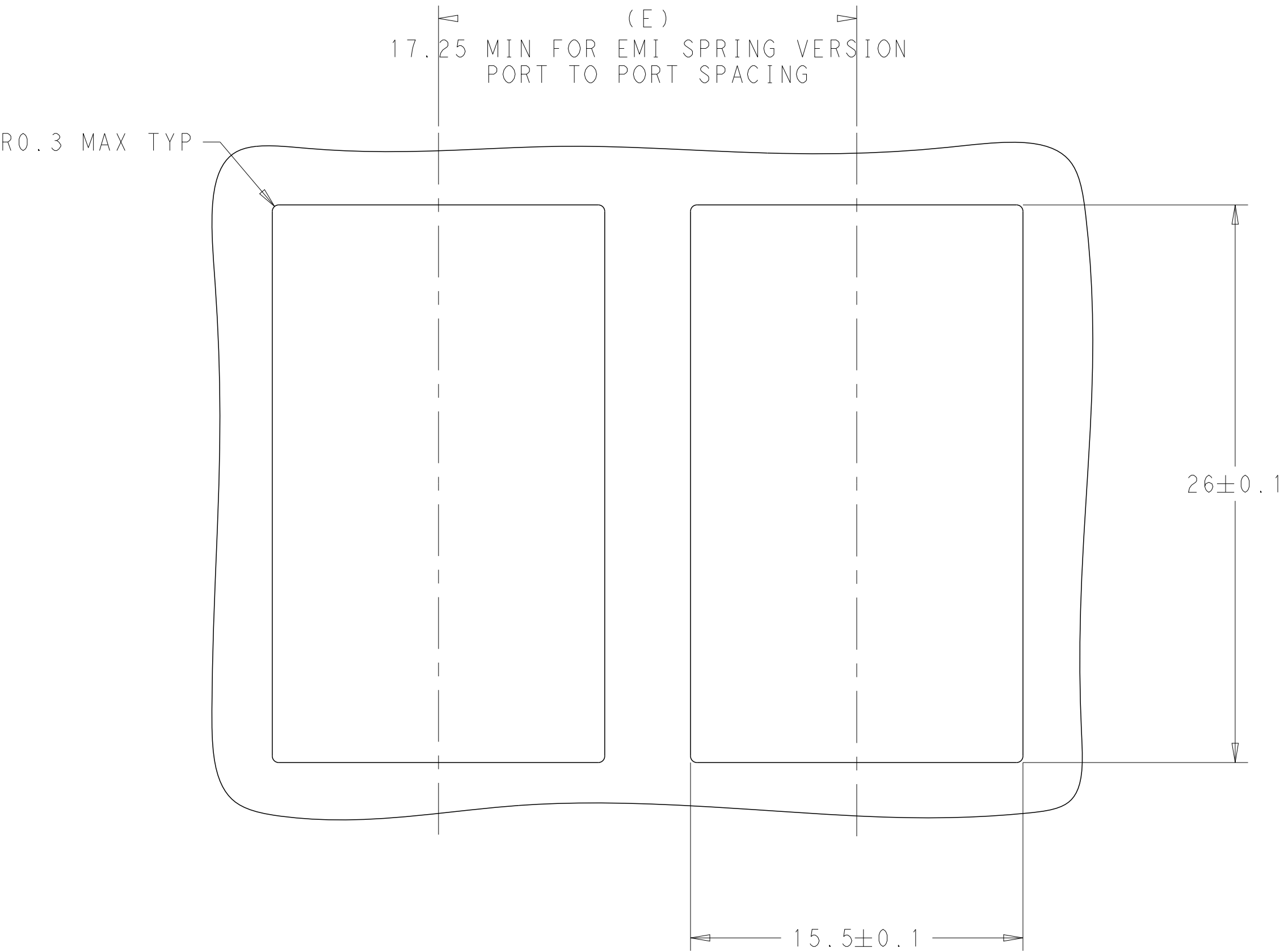
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

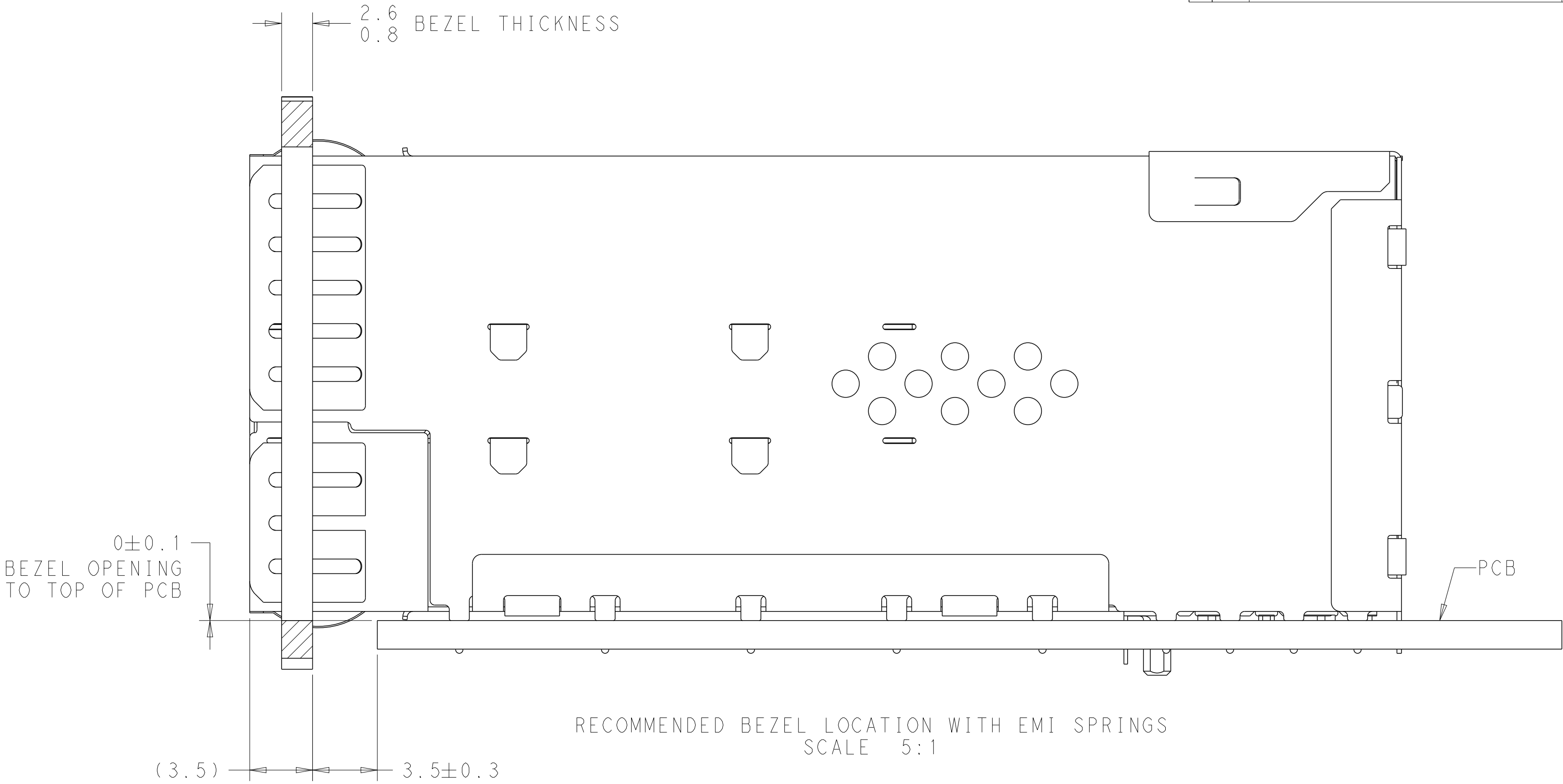
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

DETAIL D
PIN MAP
SCALE 15:1

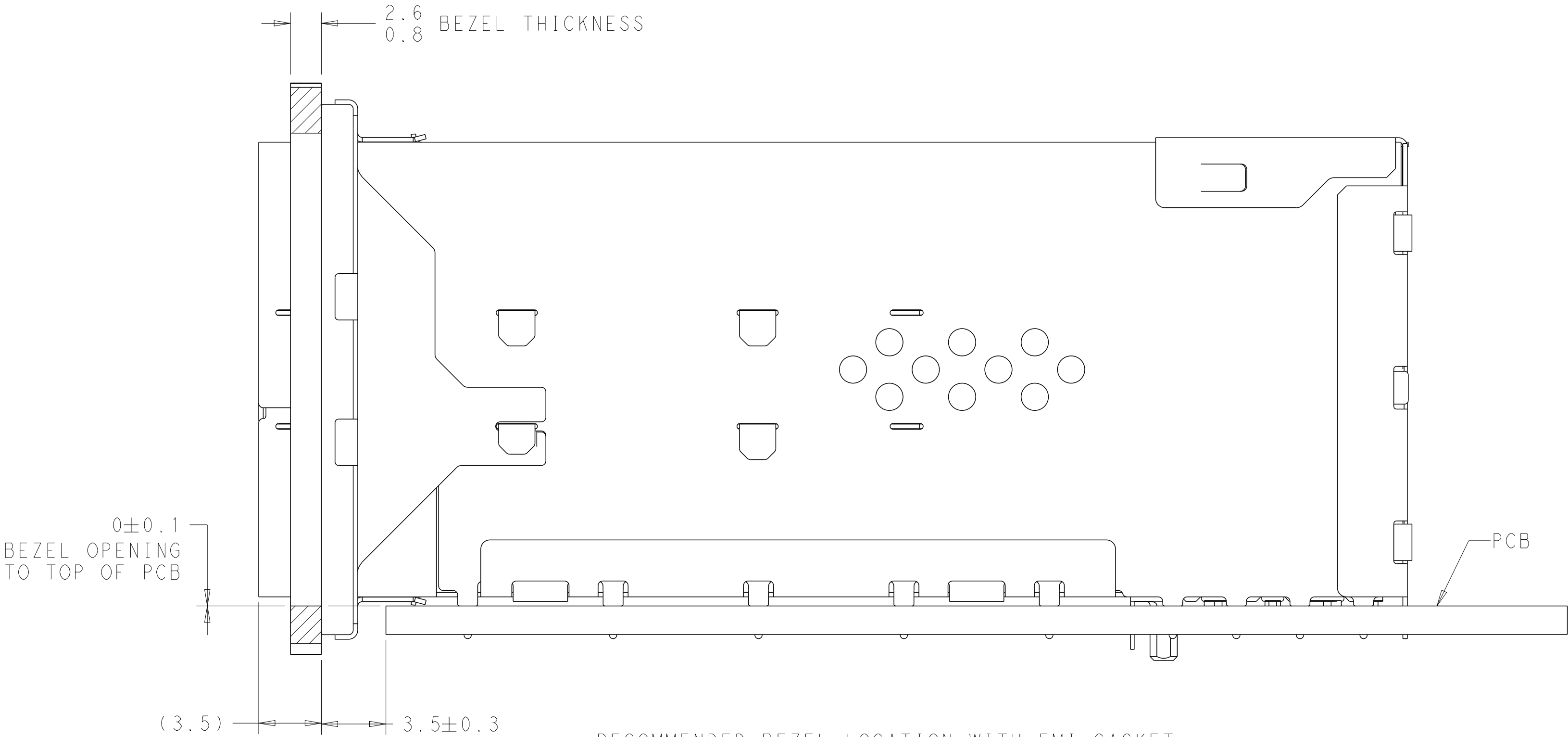
PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET



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. CONHER 17OCT2011	 TE Connectivity	
		CHK M. D. MORRISON 18OCT2011		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. D. MORRISON 18OCT2011	NAME	RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+
		PRODUCT SPEC		
mm	0 P/LC ±0.2 1 P/LC ±0.20 2 P/LC ±0.15 3 P/LC ±. 4 P/LC ±. ANGLES ±5° FINISH	108-2481 APPLICATION SPEC 114-13319	SIZE	CAGE CODE
		WEIGHT	DRAWING NO	RESTRICTED TO
			A100779C=2198318	-
MATERIAL	SEE NOTES	Customer Drawing	SCALE 4:1	SHEET 4 OF 4 REV C1