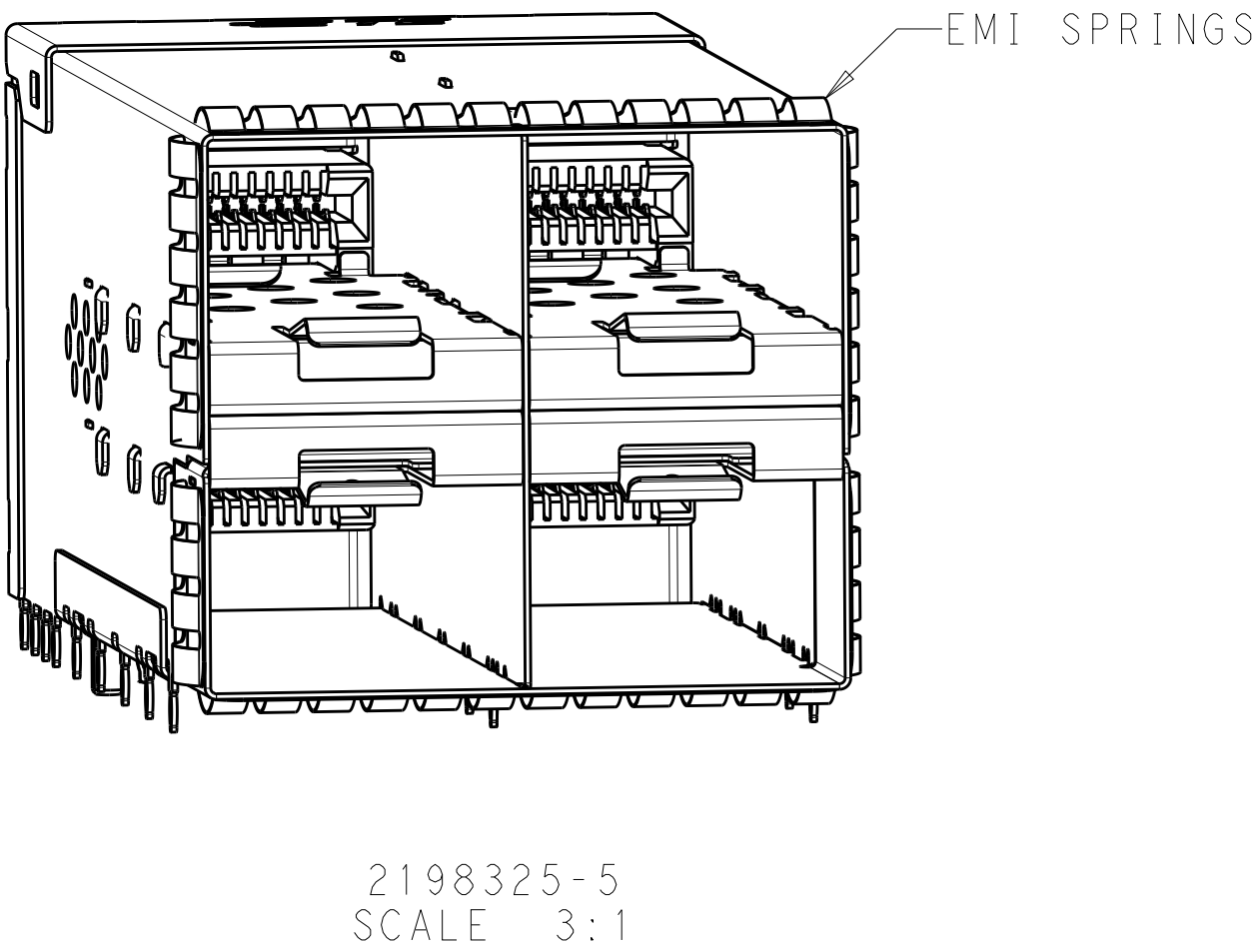
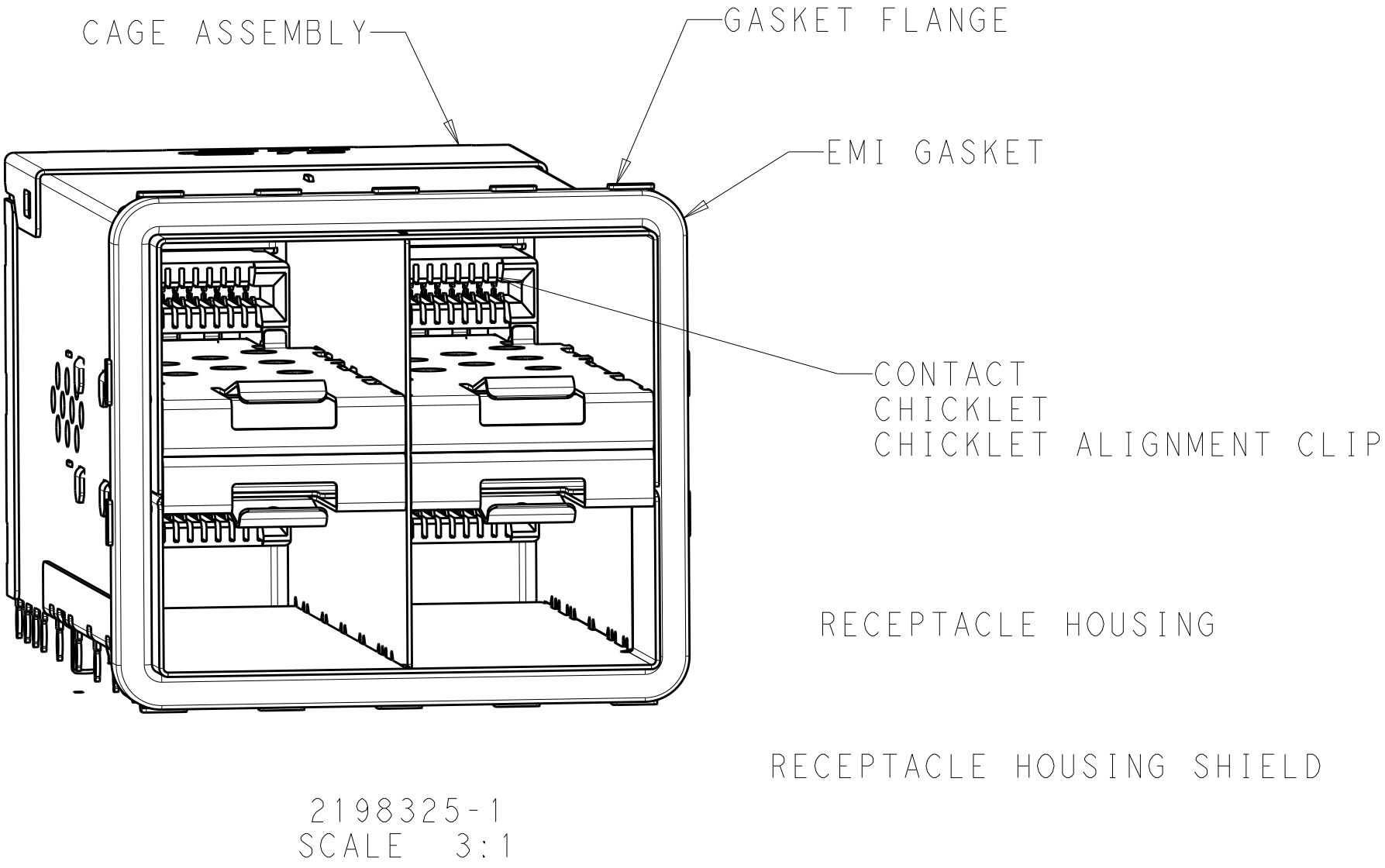


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED PER ECO-14-008758	13JUN2014	CJV	PAR	
			B	REVISED PER ECO-15-010819	10AUG2015	PP	SH	



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

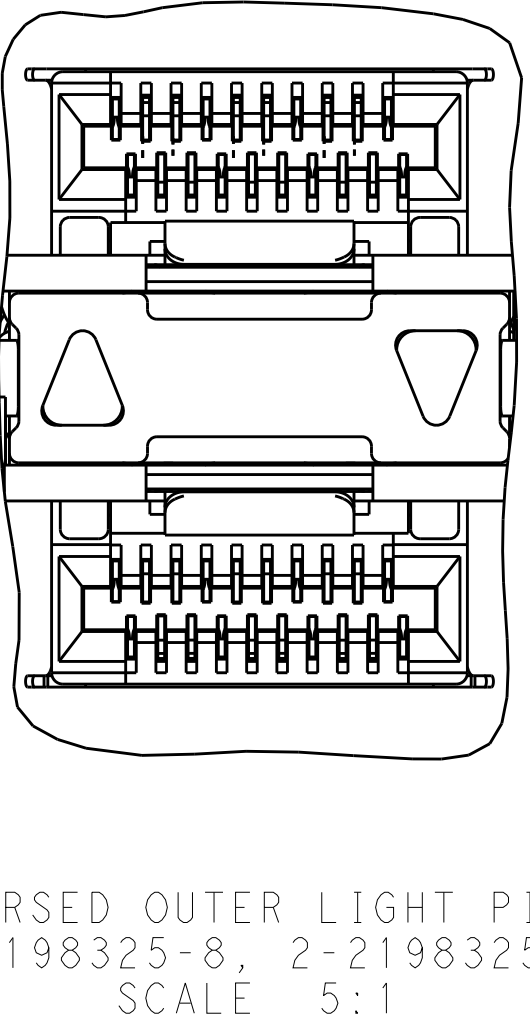
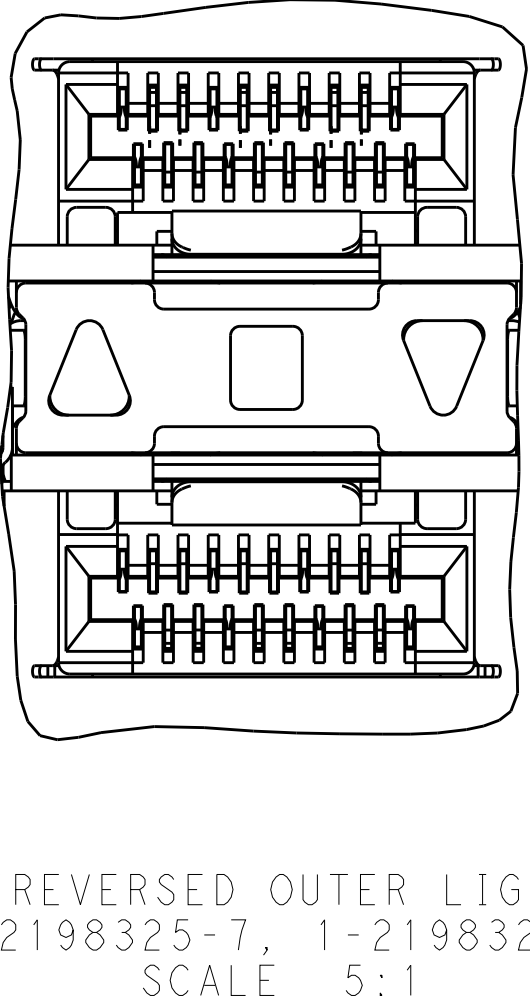
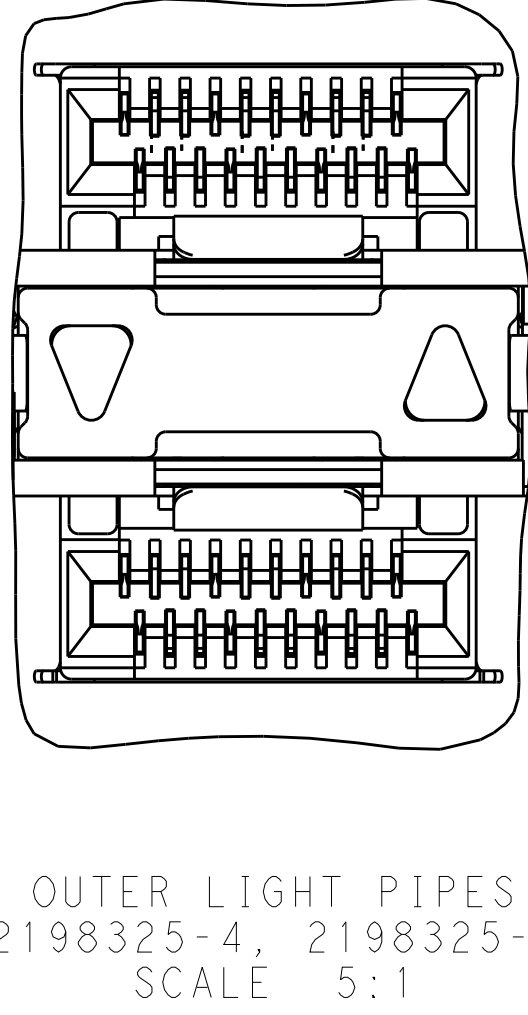
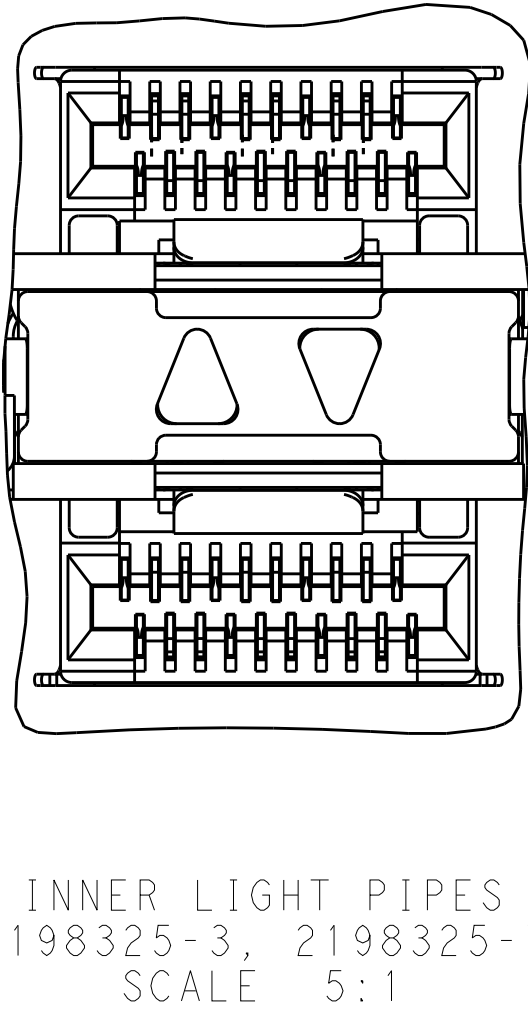
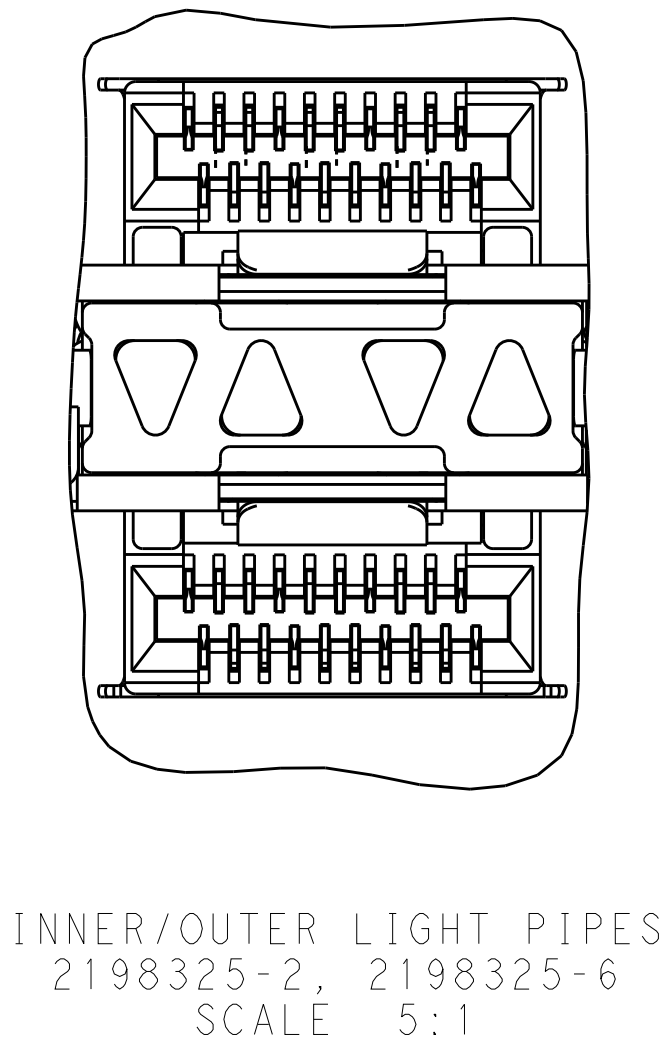
LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE
LED PACKAGE WITH A HEIGHT OF 0.8mm

6

DIMENSIONS APPLY FOR EMI SPRINGS ONLY

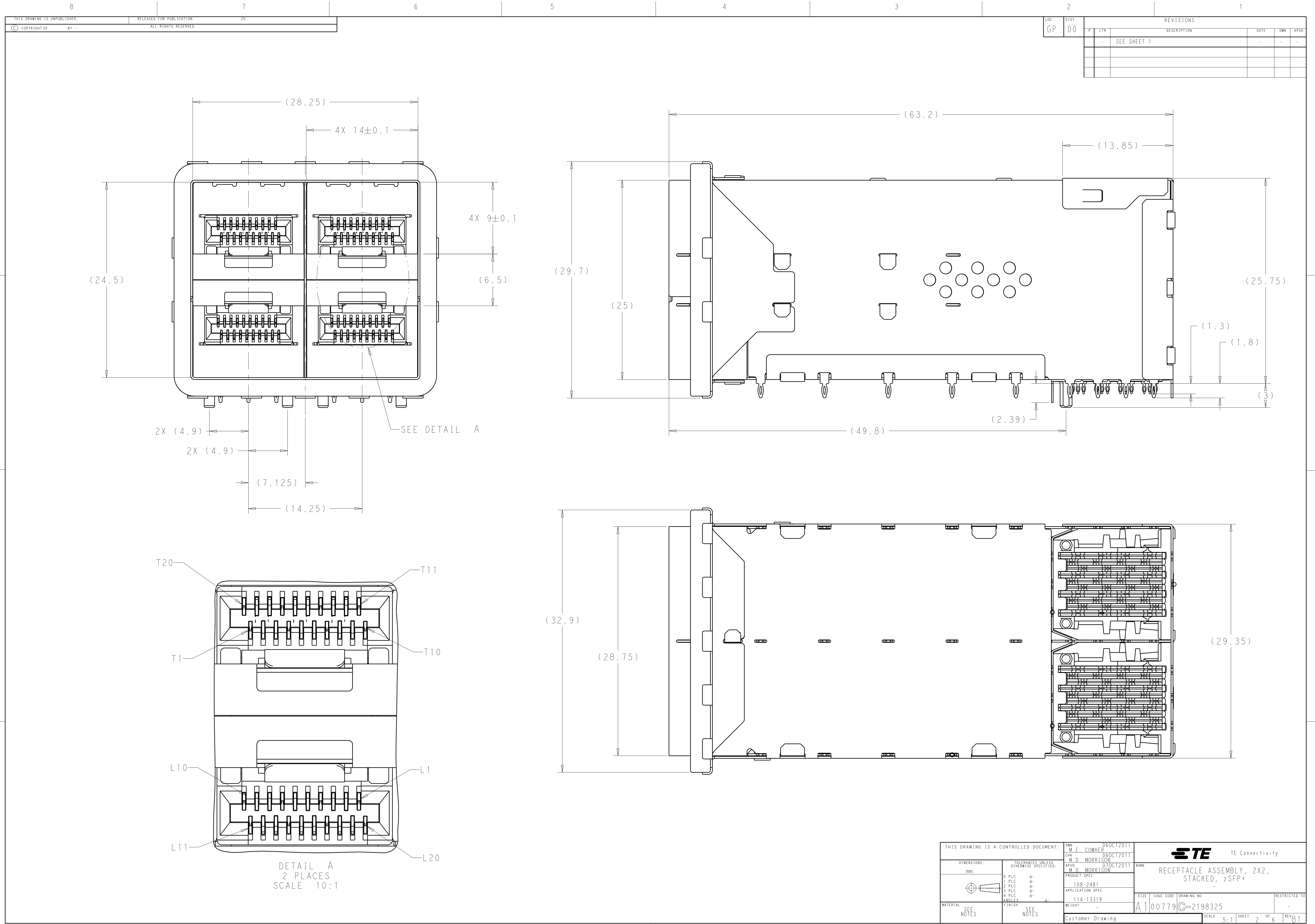
7

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

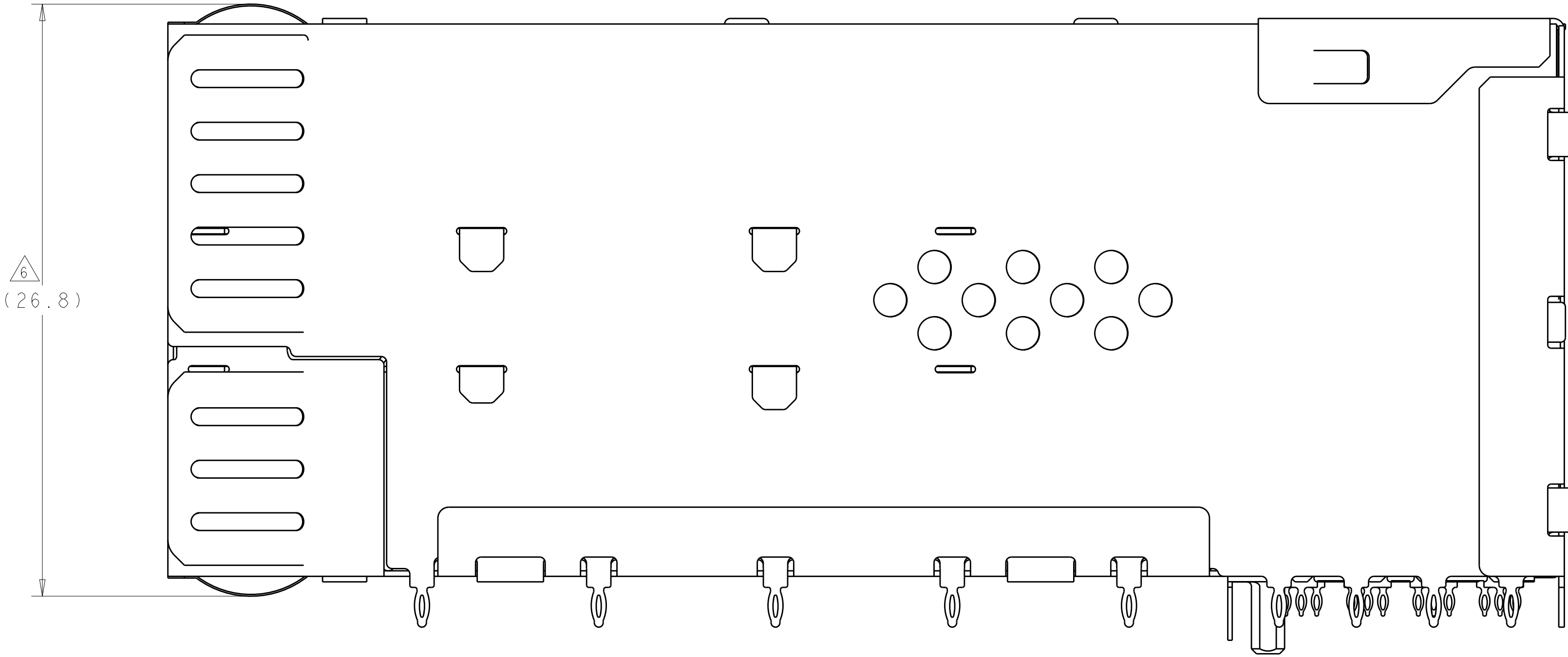
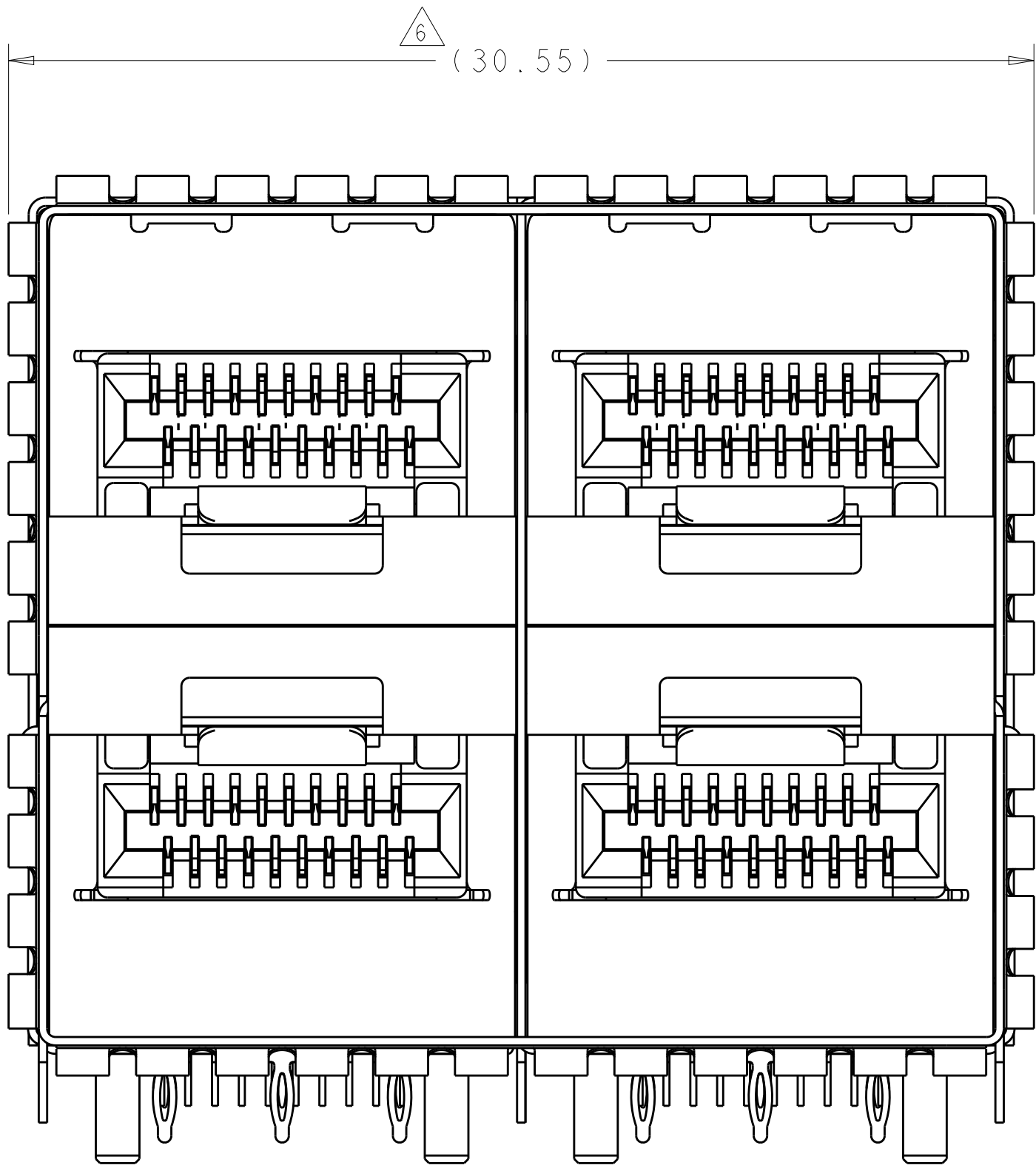


31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-2
31	EMI SPRINGS	CENTER/REVERSE OUTER	3-2198325-1
31	EMI SPRINGS	NONE	3-2198325-0
31	EMI SPRINGS	REVERSED OUTER	2-2198325-0
		CENTER/REVERSED OUTER	1-2198325-9
33.75	EMI GASKET	REVERSED OUTER	1-2198325-8
		CENTER/REVERSED OUTER	1-2198325-7
31	EMI SPRINGS	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 ±.1 1 PLC ±.1 2 PLC ±.1 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319	
MATERIAL SEE NOTES		WEIGHT -		SIZE CAGE CODE DRAWING NO 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	-	-	-

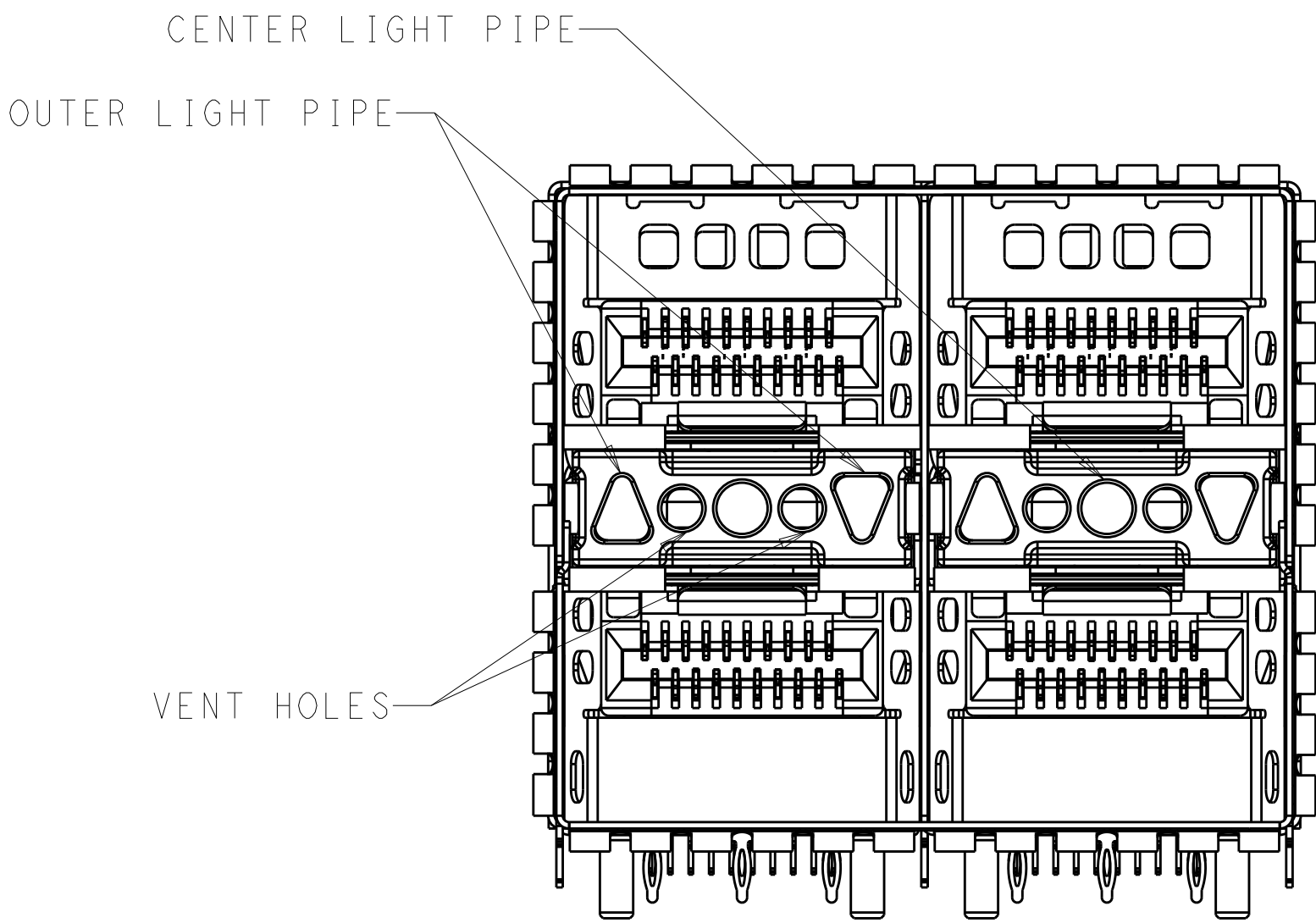


2198325-5 THRU 2198325-8, 1-2198325-9, 2-2198325-0
EMI SPRINGS ONLY
SCALE 6:1

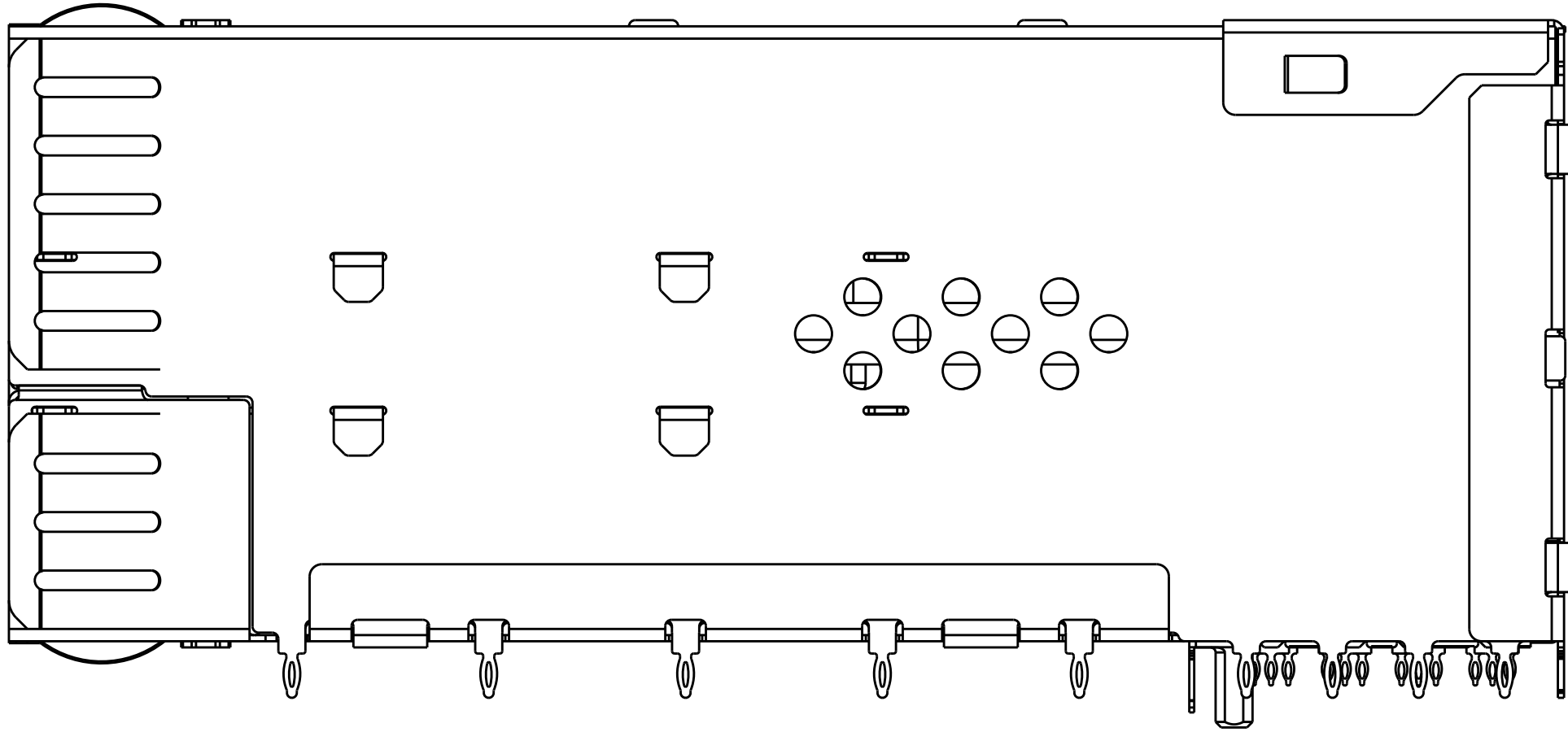
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.E. CONNER 06OCT2011	TE Connectivity	
DIMENSIONS:		CHK M.D. MORRISON 06OCT2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.D. MORRISON 07OCT2011	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+	
	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319 WEIGHT -		
MATERIAL SEE NOTES	SEE NOTES	Customer Drawing	SIZE A100779	CAGE CODE C=2198325
		Customer Drawing	RESTRICTED TO -	
		SCALE 4:1	SHEET 3	OF 6
			REV B1	

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

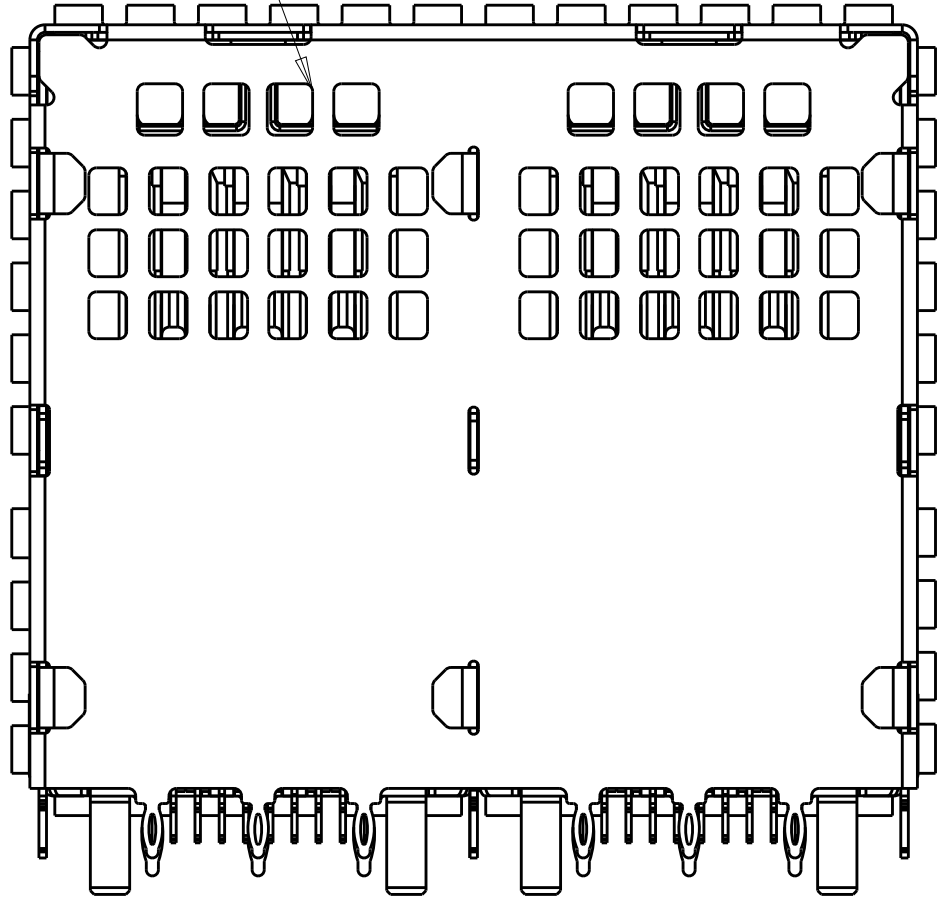
3-2198325-2 AIR FLOW ENHANCE VERSION
UNMARKED DIMENSION SAME AS 2198325-5



SCALE 4:1

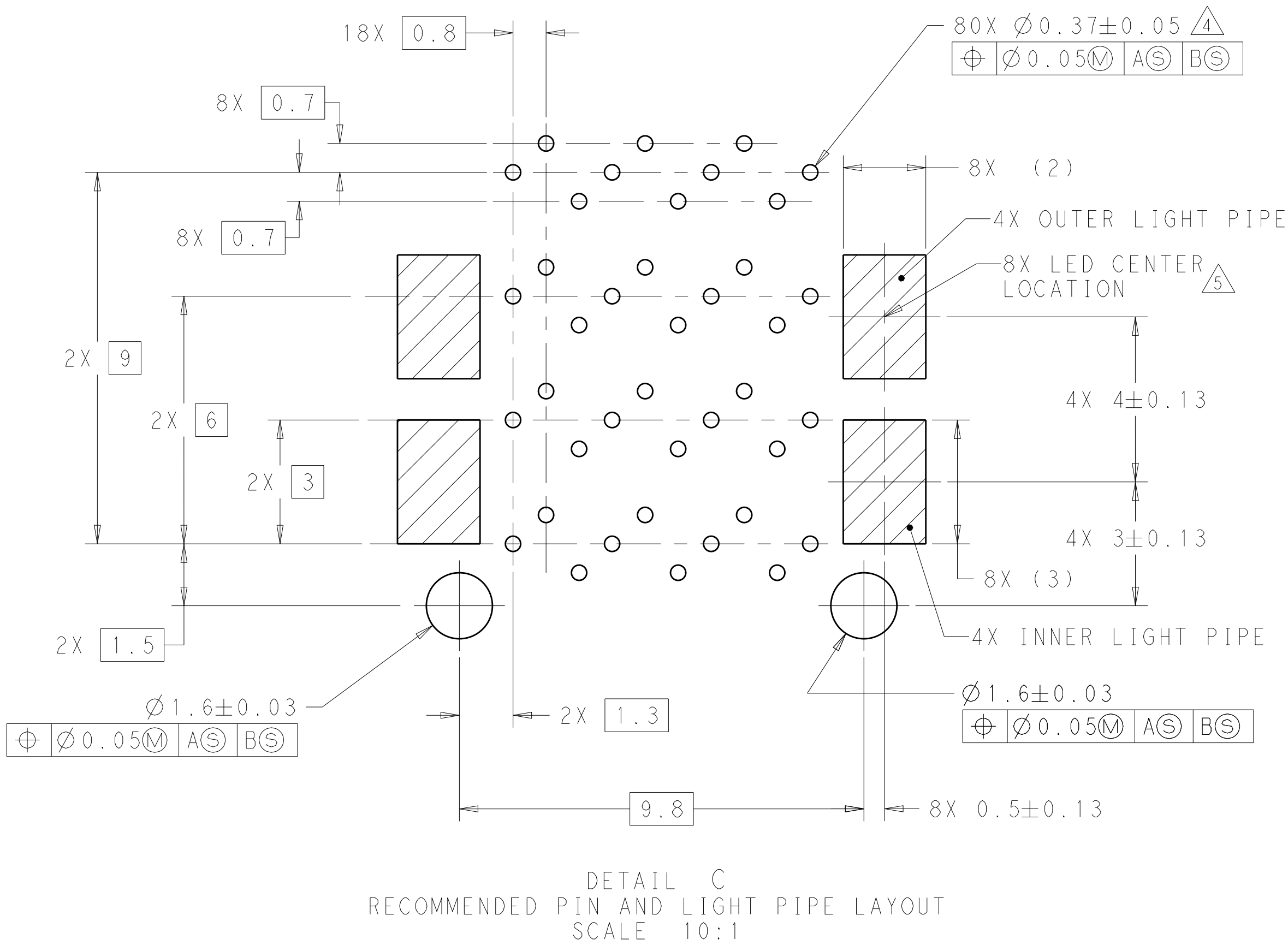
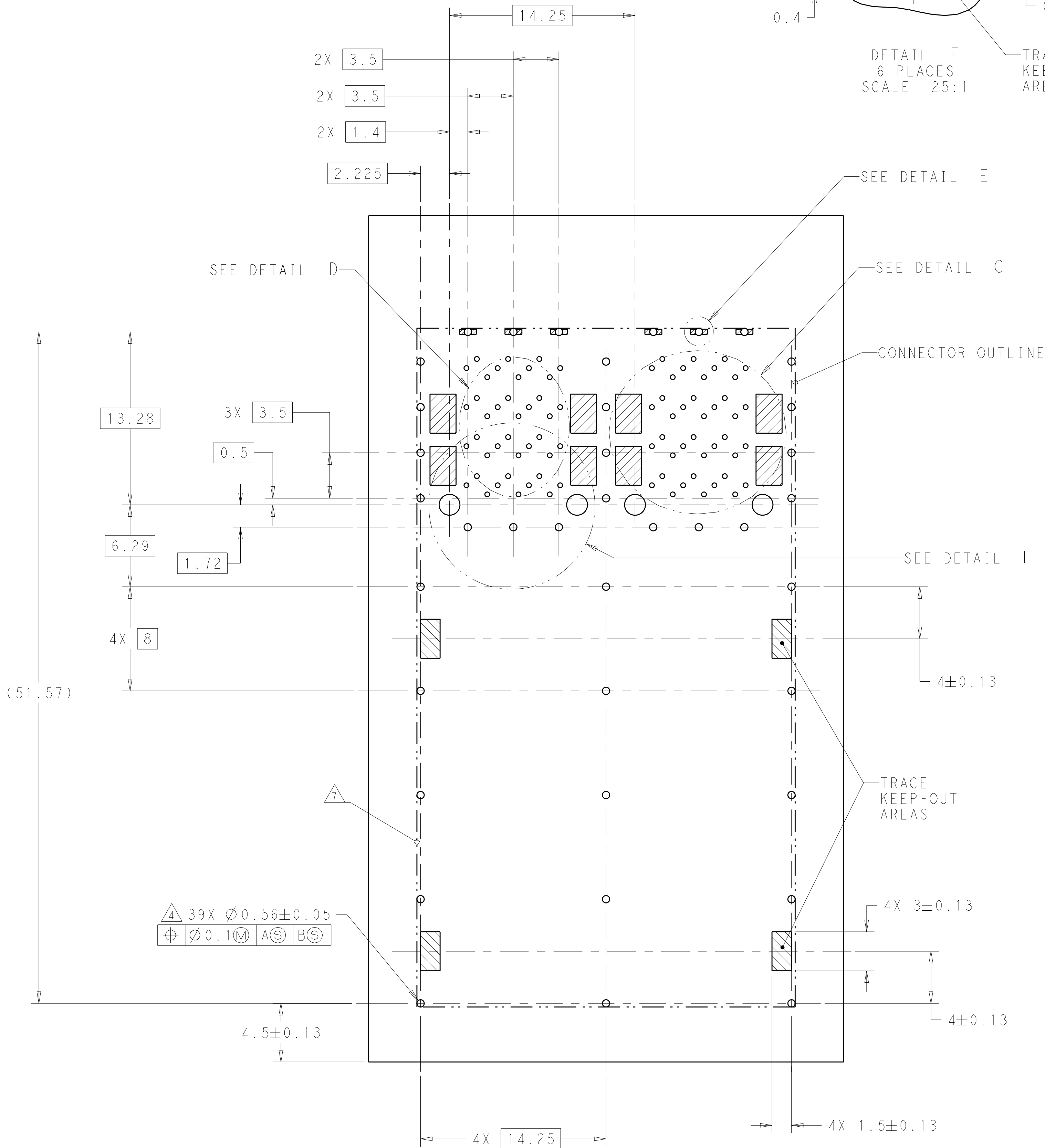
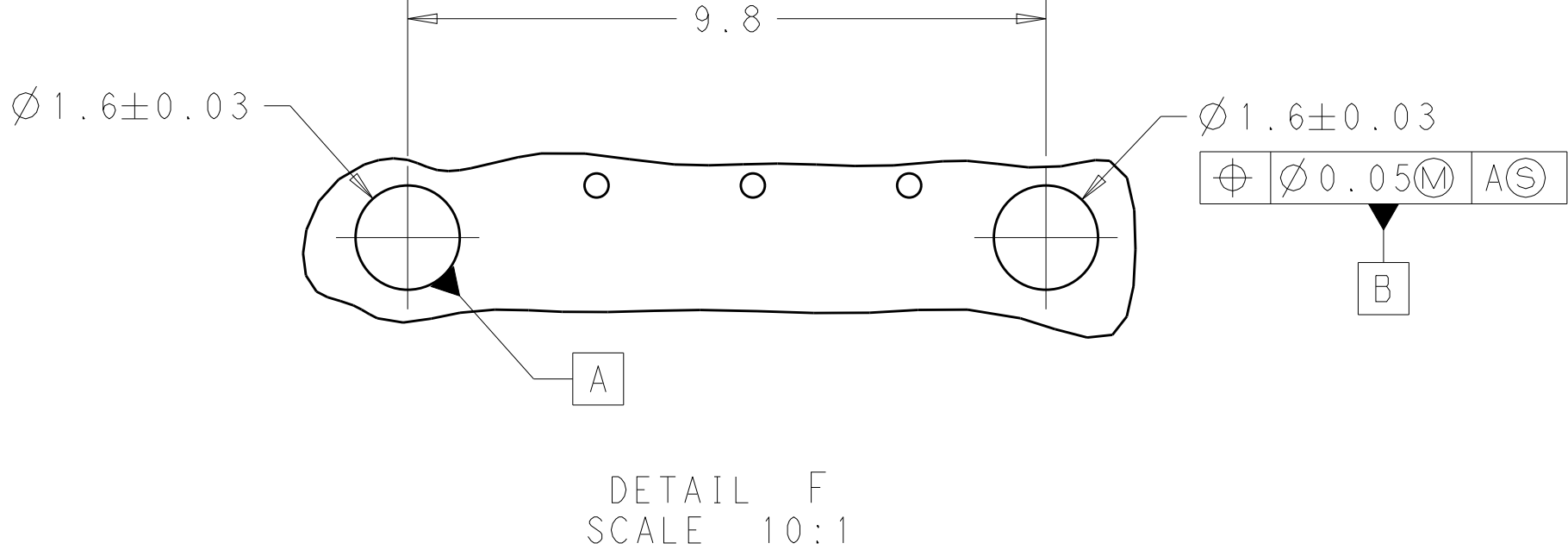
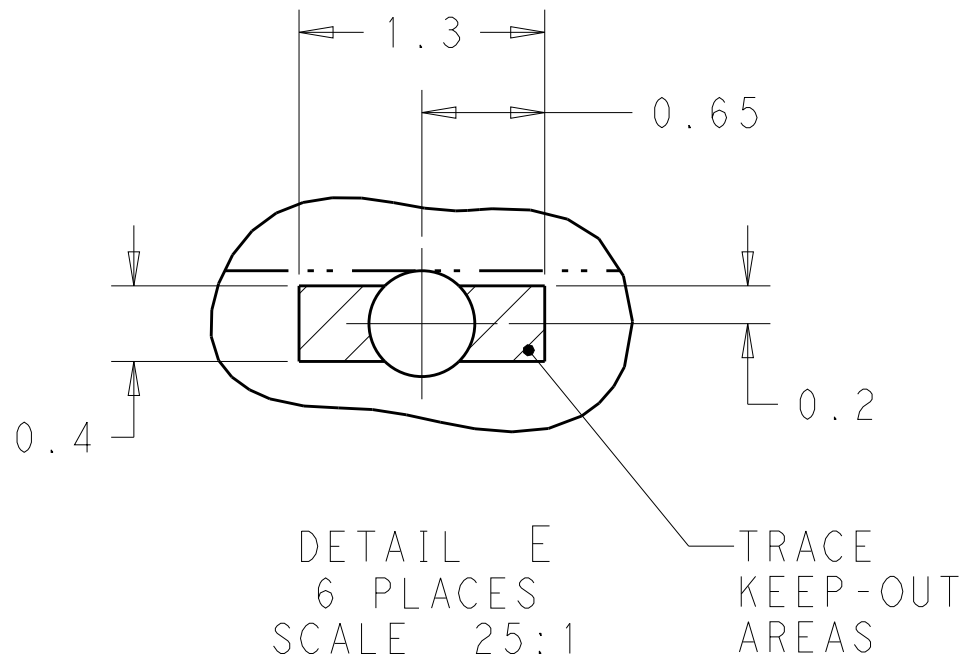


VENT HOLES PARTERN



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 A100779C=2198325	
	1 PLC ±"	108-2481		
	2 PLC ±"	APPLICATION SPEC		
MATERIAL SEE NOTES	3 PLC ±"	114-13319	RESTRICTED TO	
	4 PLC ±"	WEIGHT		
FINISH SEE NOTES		Customer Drawing	SCALE 4:1	SHEET 4 OF 6
			REV B1	

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



39X $\varnothing 0.56 \pm 0.05$
 $\varnothing 0.1$ M A S B S

$\varnothing 1.6 \pm 0.03$
 $\varnothing 0.05$ M A S B S

80X $\varnothing 0.37 \pm 0.05$ A
 $\varnothing 0.05$ M A S B S

$\varnothing 1.6 \pm 0.03$
 $\varnothing 0.05$ M A S B S

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 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 A100779	
	1 PLC	108-2481	CAGE CODE C=2198325	
	2 PLC	APPLICATION SPEC	DRAWING NO.	
	3 PLC	114-13319	RESTRICTED TO	
MATERIAL SEE NOTES		WEIGHT	Customer Drawing	
FINISH SEE NOTES		SCALE 4:1	SHEET 5 OF 6	
			REV B1	

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

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

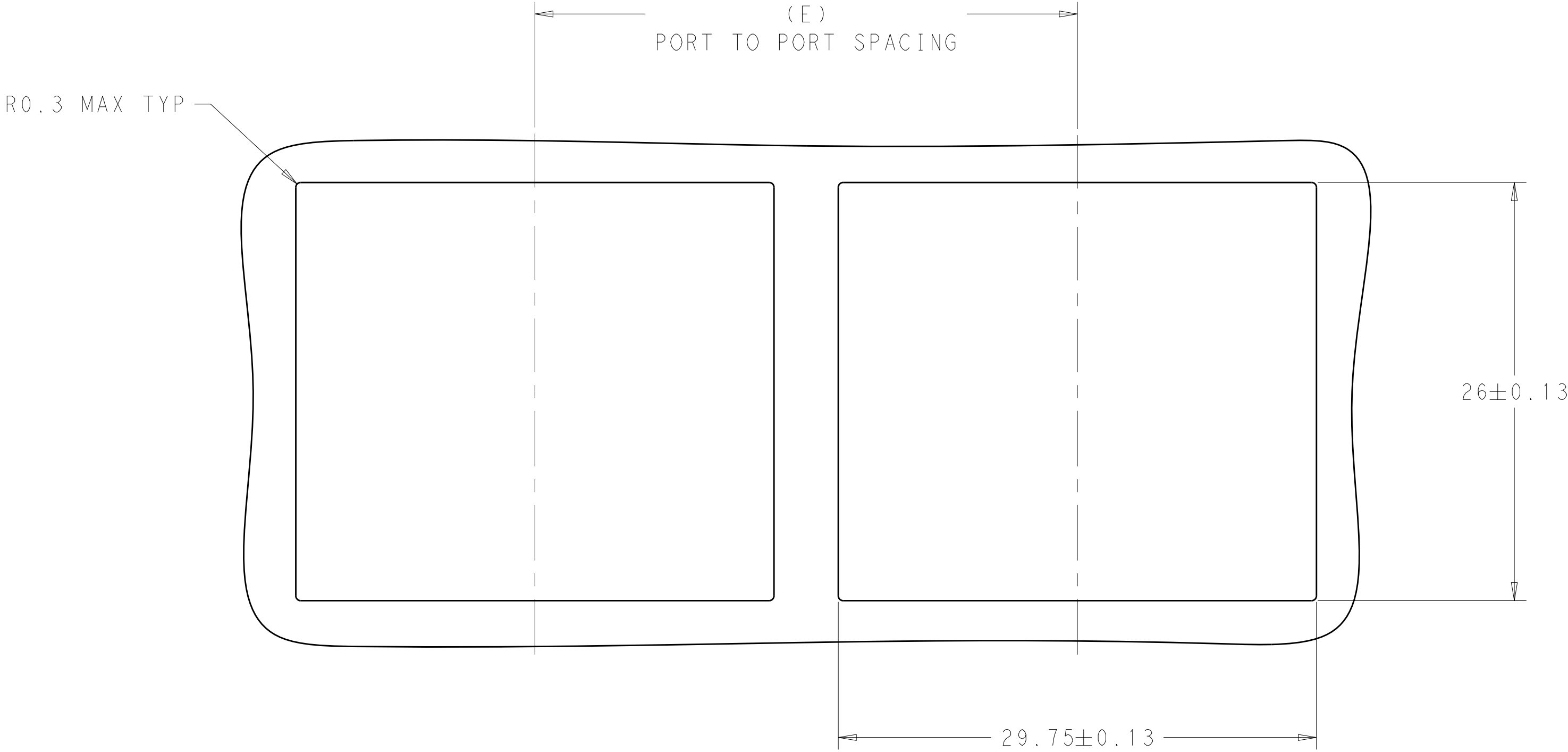
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

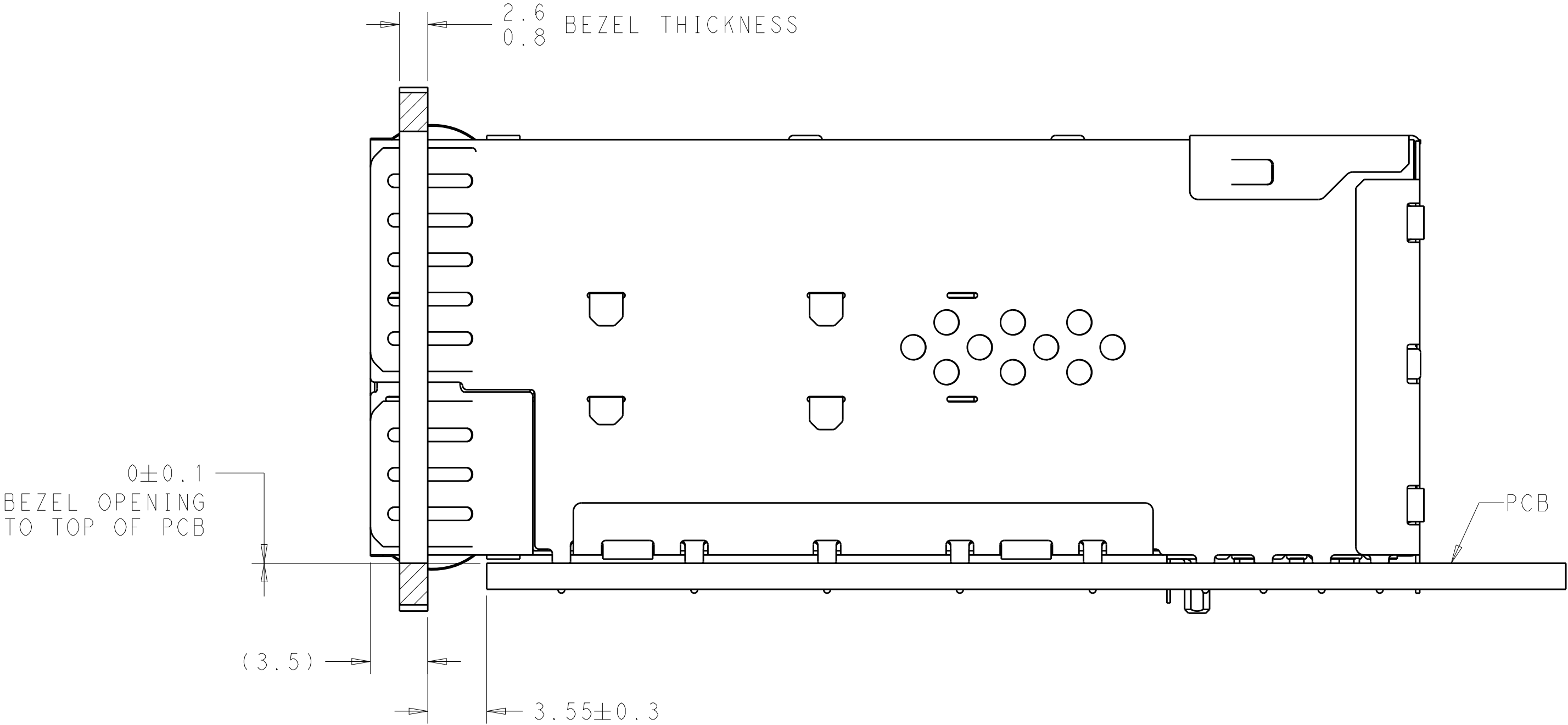
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

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

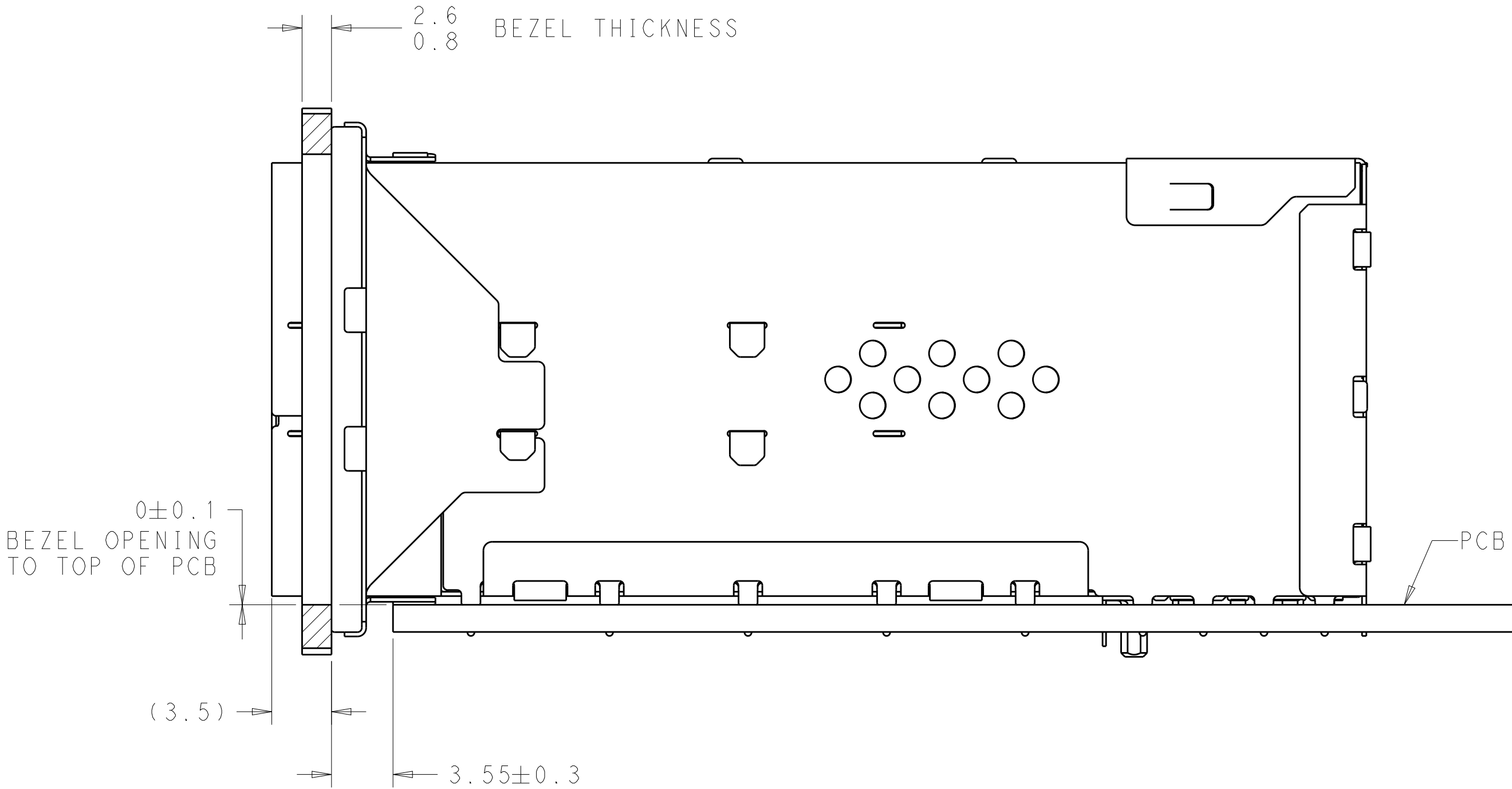
DETAIL D
PIN MAP
2 PLACES
SCALE 15:1



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:		NAME	
mm		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		RECEPTACLE ASSEMBLY, 2X2, STACKED, zSFP+	
MATERIAL SEE NOTES		WEIGHT		SIZE CAGE CODE DRAWING NO	
		Customer Drawing		A100779C=2198325	
				RESTRICTED TO	
				SCALE 4:1 SHEET 6 OF 6 REV B1	