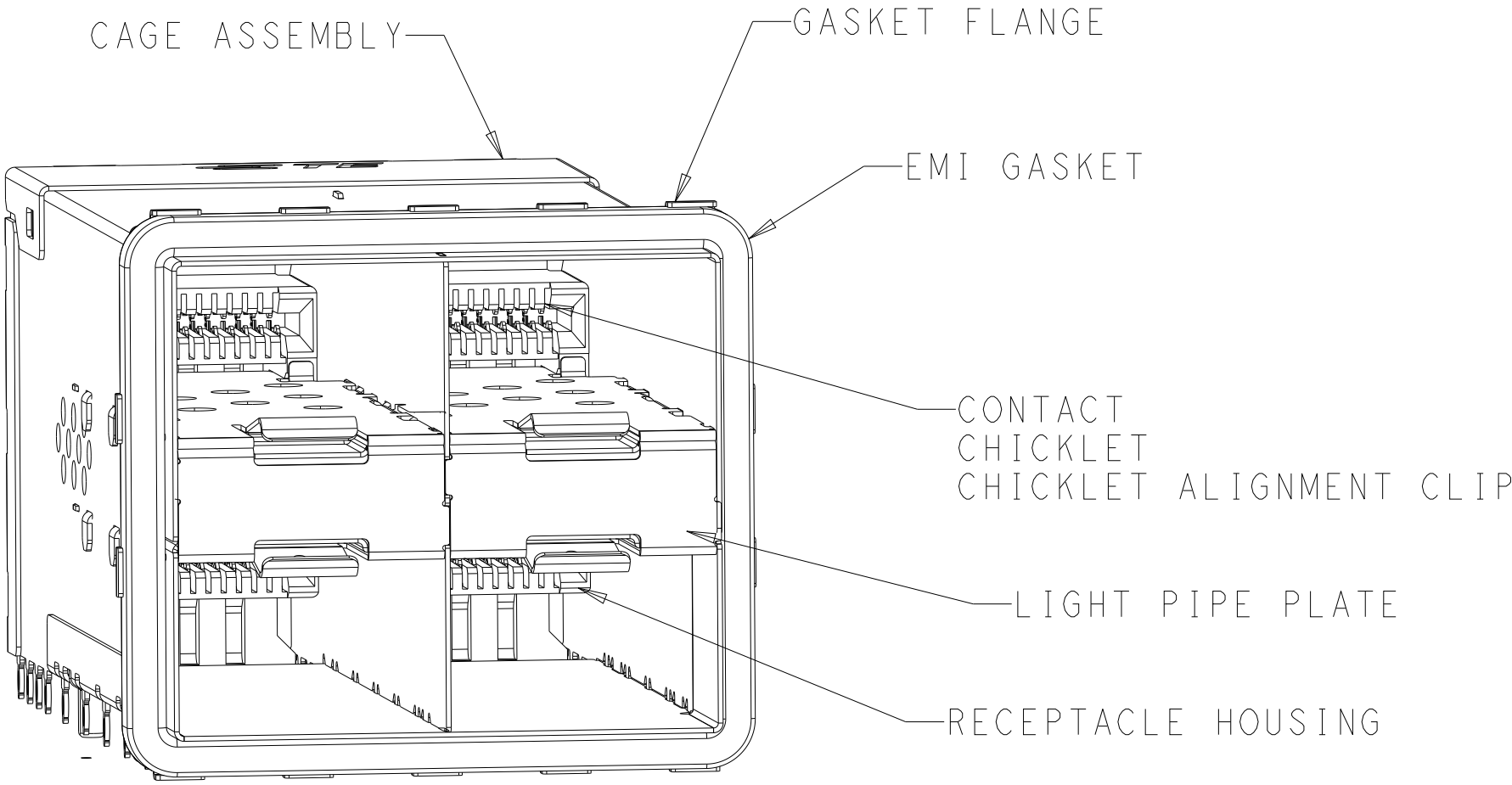
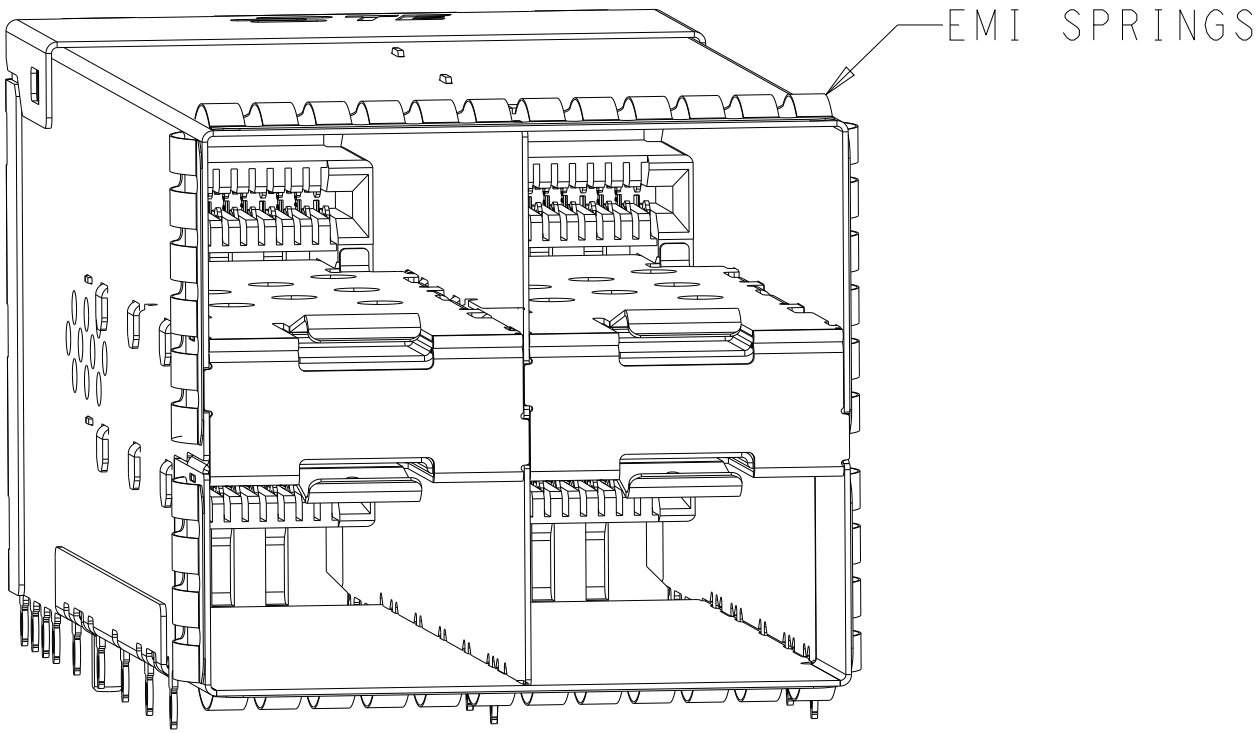


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION		DATE	OWN	APVD
GP	00		E	REVISED PER ECO-20-014521		13OCT2020	JY	SH
			E1	ADD NEW DASH NUMBER 3 - 4		17MAR2021	SZ	SZ
			E2	ADD 4-4 PER ECN-21-106868		09JUN2021	SZ	SZ



2343522-1
SCALE 3:1



2343522-5
SCALE 3:1

1. MATERIALS:
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
OR WITH NICKEL PLATED FOR CUSTOMIZED SPEC
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED
CHICKLET - LCP, BLACK, UL 94V-O RATED
CHICKLET ALIGNMENT CLIP - LCP, BLACK, UL 94V-O RATED
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 PLATE- STAINLESS STEEL

2. CONTACT FINISH:
0.76µm MIN GOLD PER ASTM B 844 AT MATING INTERFACE,
1.25µm MIN MATTE TIN PER ASTM B 545 AT PCB INTERFACE
ALLOVER 2.54µm MIN NICKEL PER QQ-N-290.

3. PCB MINIMUM THICKNESS = 1.5mm

4. FOR HOLE SIZE AND PLATINGS,
SEE APPLICATION SPECIFICATION 114-13319

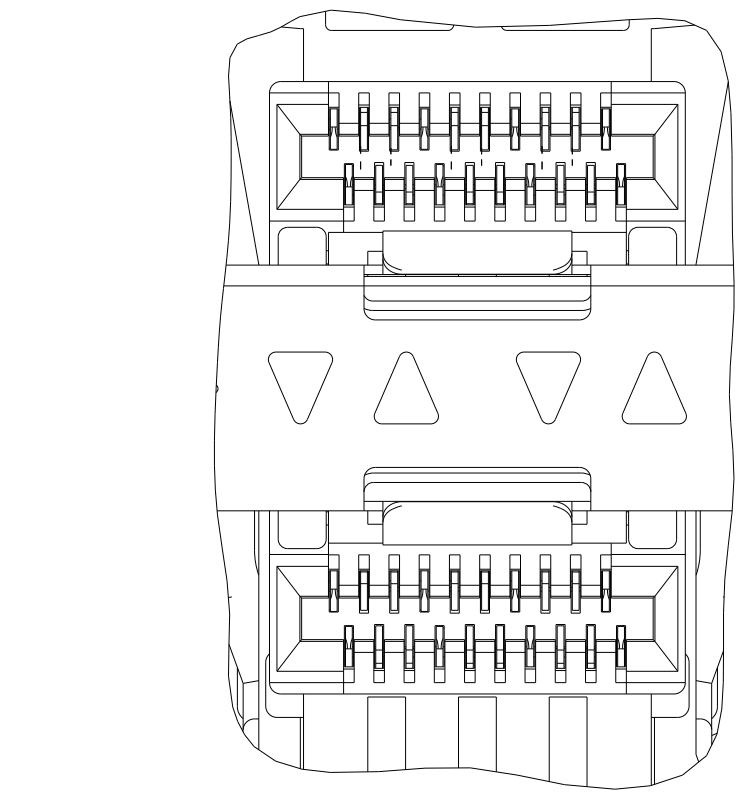
5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE
LED PACKAGE WITH A HEIGHT OF 0.8mm

6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY

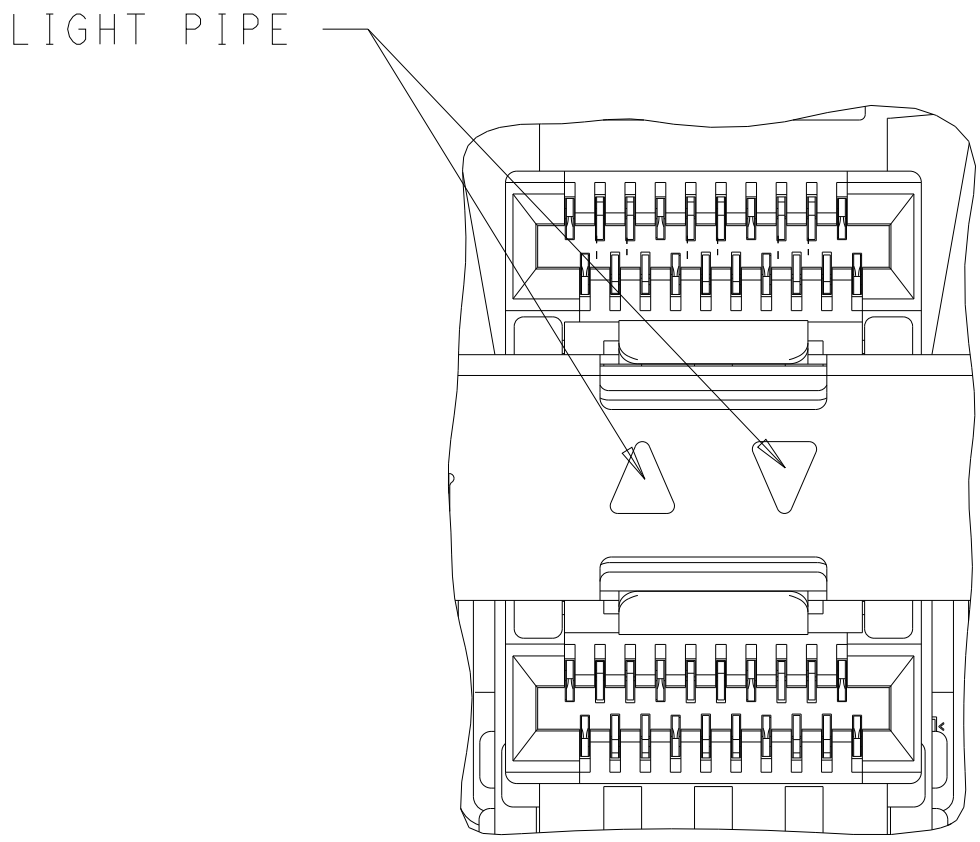
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE
DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS
AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED
WITHIN CONNECTOR HOLE PATTERN

8. LOW Br/Ci AS DEFINED IN TEC-138-702.

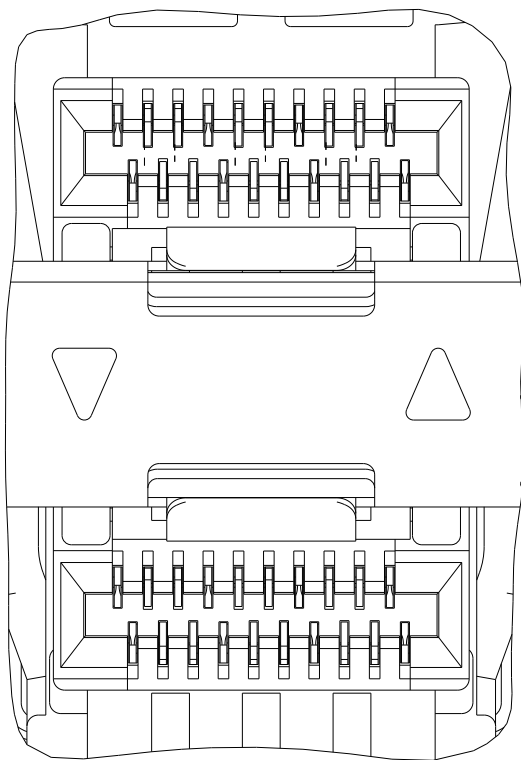
9. LIGHT PIPE COATED VERSION



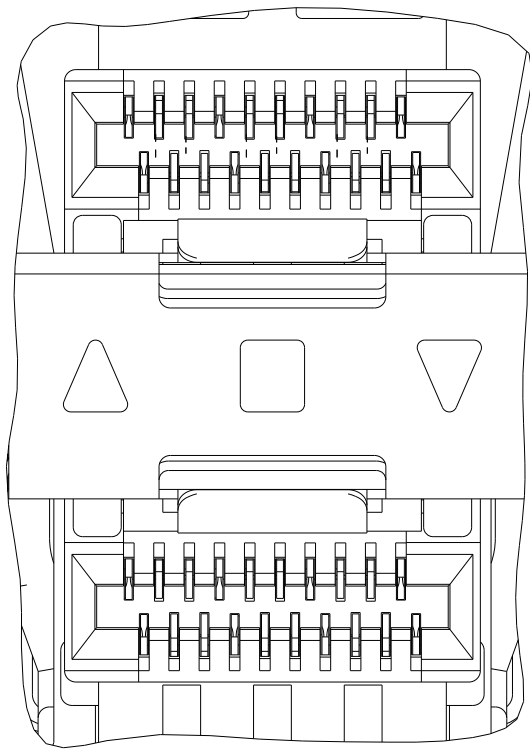
INNER/OUTER LIGHT PIPES
2343522-2, 2343522-6, 5-2343522-6
SCALE 5:1



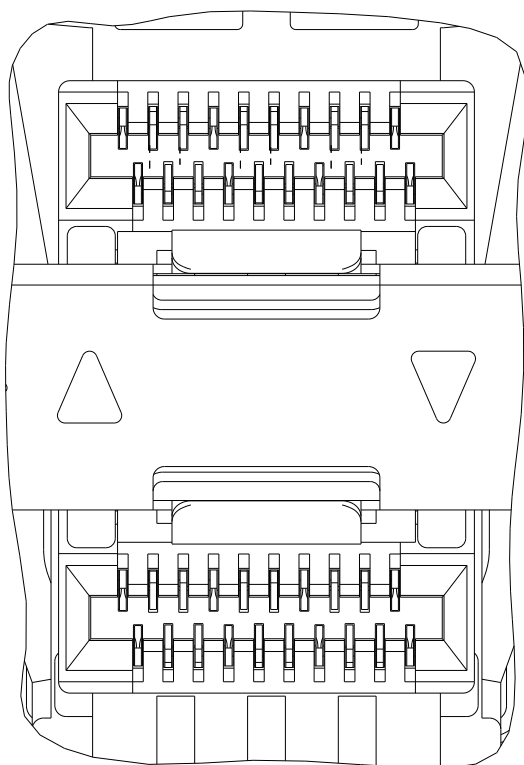
INNER LIGHT PIPES
2343522-3, 2343522-7
SCALE 5:1



OUTER LIGHT PIPES
2343522-4, 2343522-8, 5-2343522-8
SCALE 5:1



CENTER/REVERSED OUTER LIGHT PIPES
1-2343522-7, 1-2343522-9
SCALE 5:1

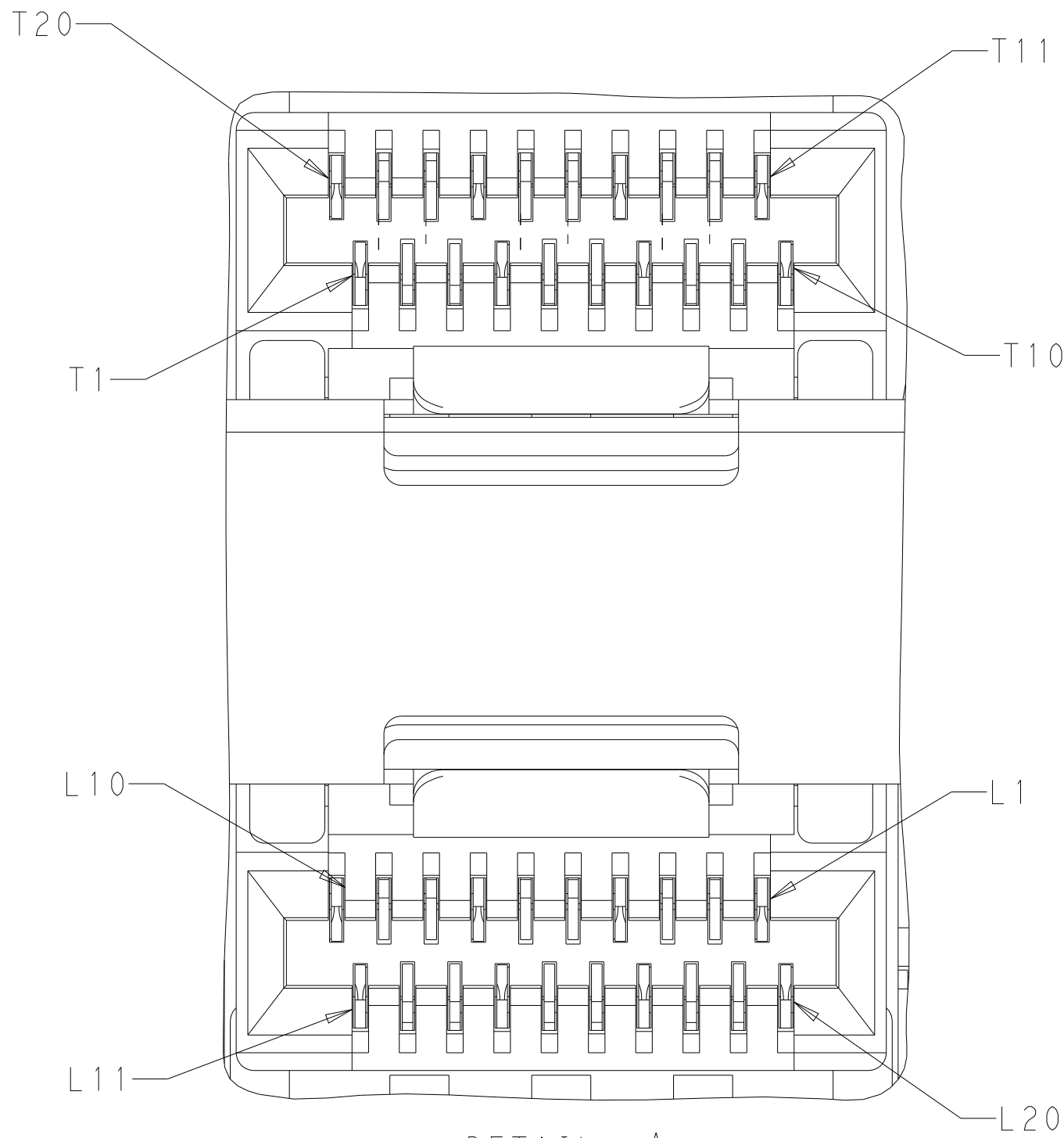
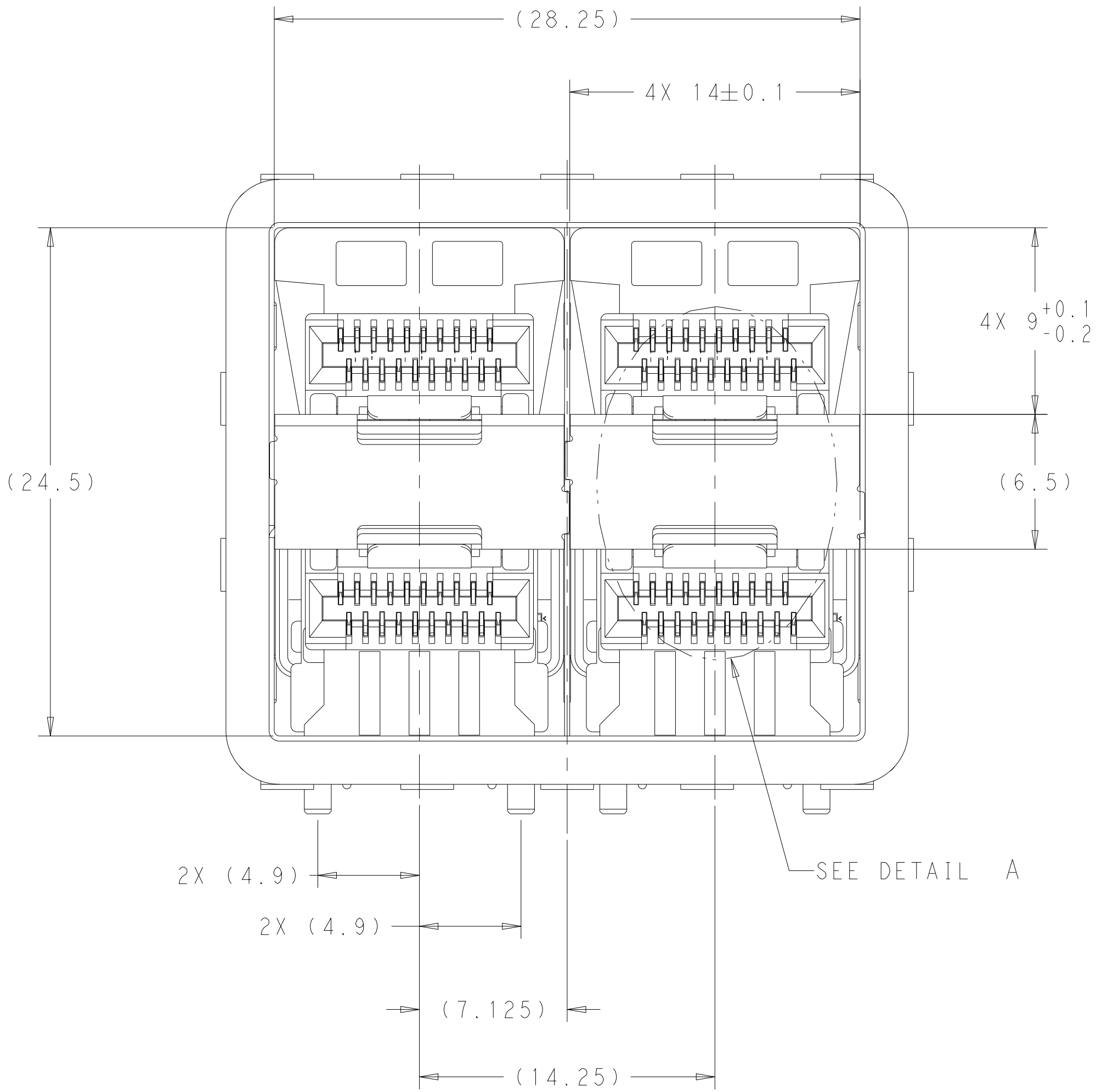


REVERSED OUTER LIGHT PIPES
1-2343522-8, 2-2343522-0
SCALE 5:1

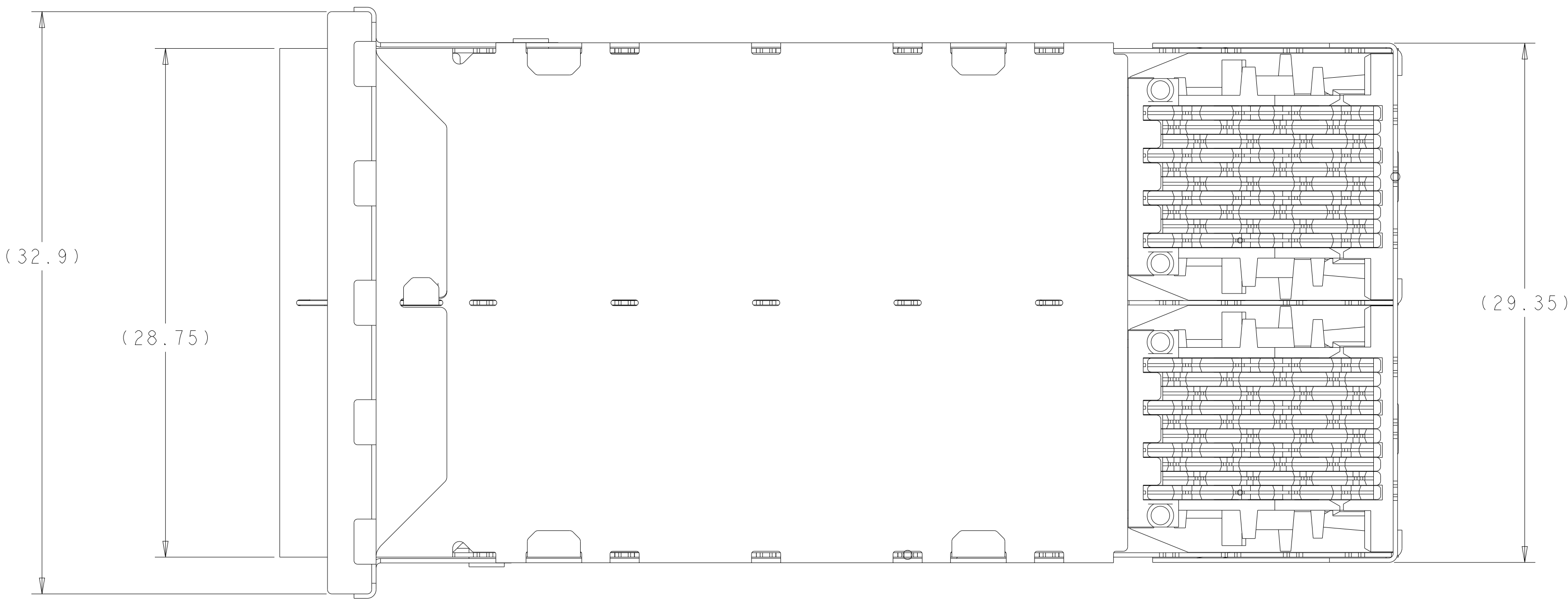
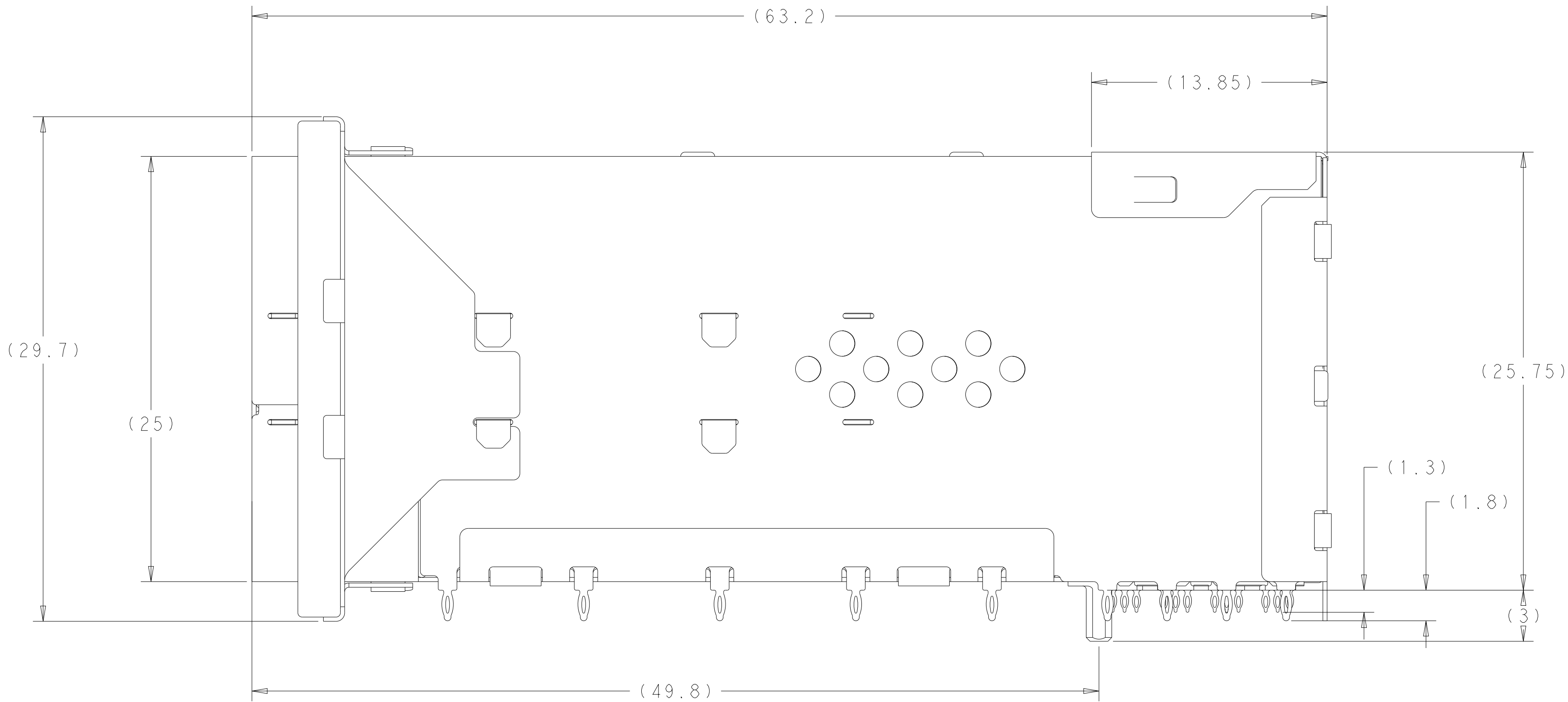
31	EMI SPRINGS AND CAGE W Ni PLATED	OUTER	5-2343522-8 8
31	EMI SPRINGS AND CAGE W Ni PLATED	INNER/OUTER	5-2343522-6 8
31	EMI SPRINGS AND CAGE W Ni PLATED	REVERSED OUTER	5-2343522-3
31	EMI SPRINGS W Ni PLATED	REVERSED OUTER	4-2343522-4 9
31	EMI SPRINGS W Ni PLATED	REVERSED OUTER	4-2343522-3
31	EMI SPRINGS	CENTER/REVERSED OUTER	3-2343522-4
31	EMI SPRINGS	REVERSED OUTER	3-2343522-3
31	EMI SPRINGS	REVERSED OUTER	2-2343522-0
31	EMI SPRINGS	CENTER/REVERSED OUTER	1-2343522-9
33.75	EMI GASKET	REVERSED OUTER	1-2343522-8
31	EMI SPRINGS	CENTER/REVERSED OUTER	1-2343522-7
31	EMI SPRINGS	OUTER	2343522-8
31	EMI SPRINGS	INNER	2343522-7
31	EMI SPRINGS	INNER/OUTER	2343522-6
31	EMI SPRINGS	NONE	2343522-5
33.75	EMI GASKET	OUTER	2343522-4
33.75	EMI GASKET	INNER	2343522-3
33.75	EMI GASKET	INNER/OUTER	2343522-2
33.75	EMI GASKET	NONE	2343522-1
(E)	CAGE TYPE	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	LEO LI	04SEP2018	 TE Connectivity		
DIMENSIONS:		CHK	SEAN HAN	04SEP2018			
mm		APVD	SEAN HAN	04SEP2018	NAME		

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

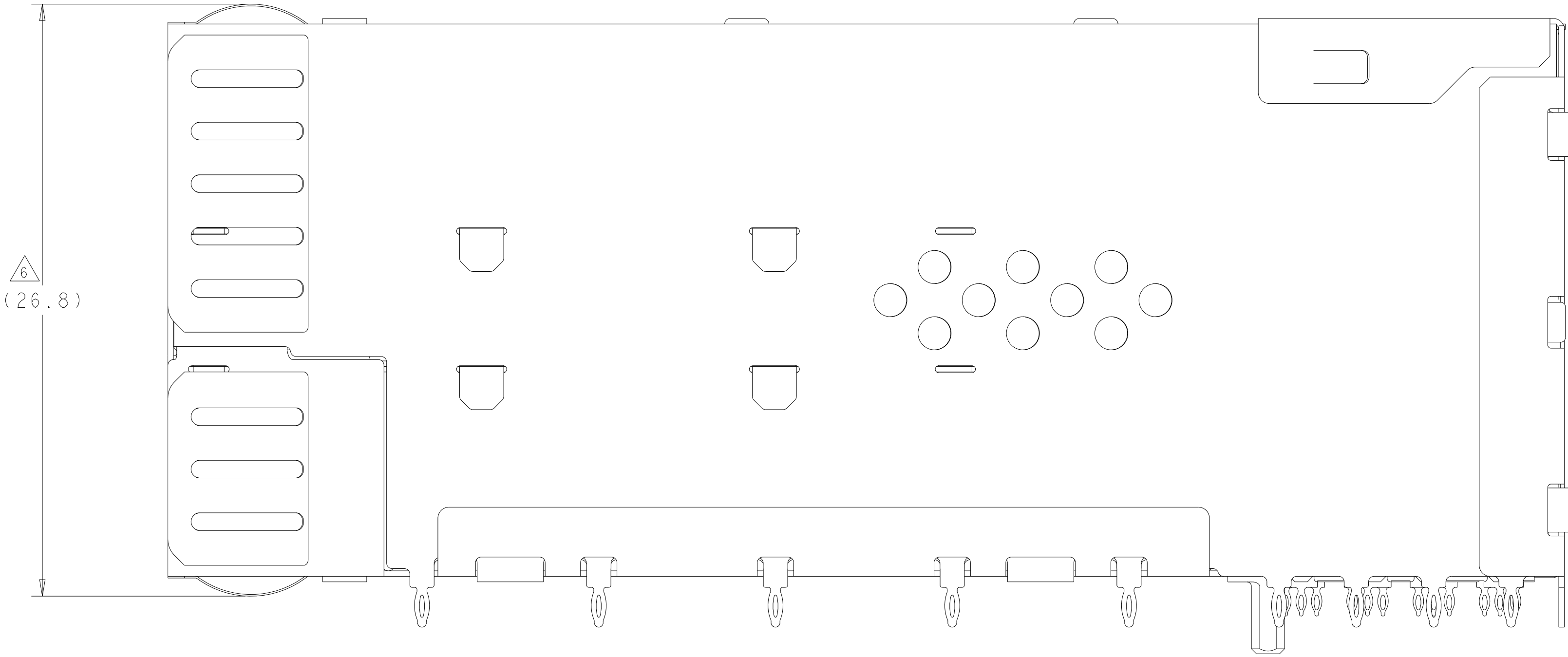
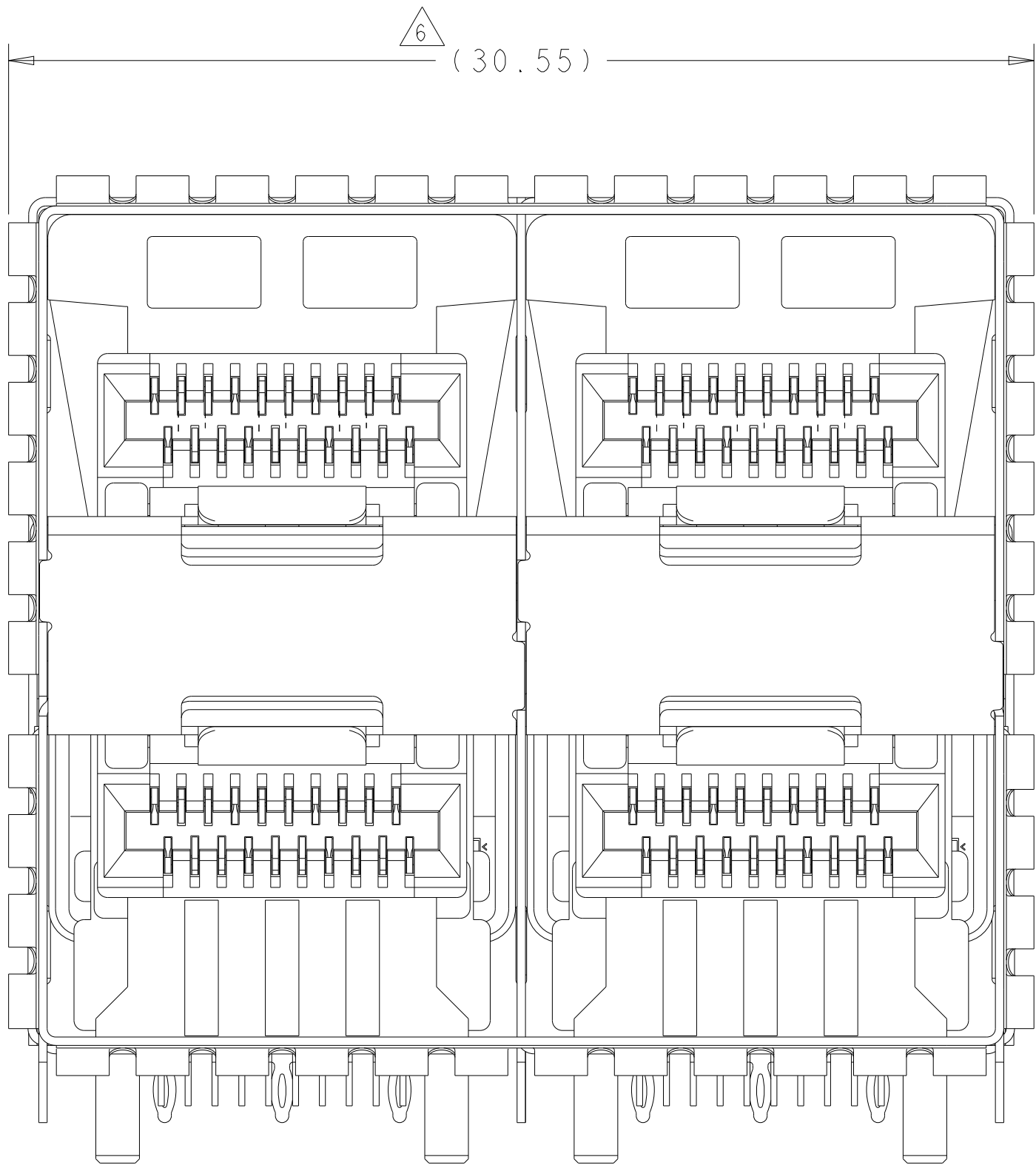


DETAIL A
2 PLACES
SCALE 10:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04SEP2018		 TE Connectivity	
		CHK	LEO LI 04SEP2018			
		APVD	SEAN HAN 04SEP2018		NAME	
		APVD	SEAN HAN 04SEP2018			
		PRODUCT SPEC			RECEPTACLE ASSEMBLY, 2X2, STACKED, SFP56	
		108-2481				
		APPLICATION SPEC			-	
		114-13319				
		WEIGHT			A100779C=2343522	
		CUSTOMER DRAWING			SCALE 5:1 SHEET 2 OF 6 REV E2	

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



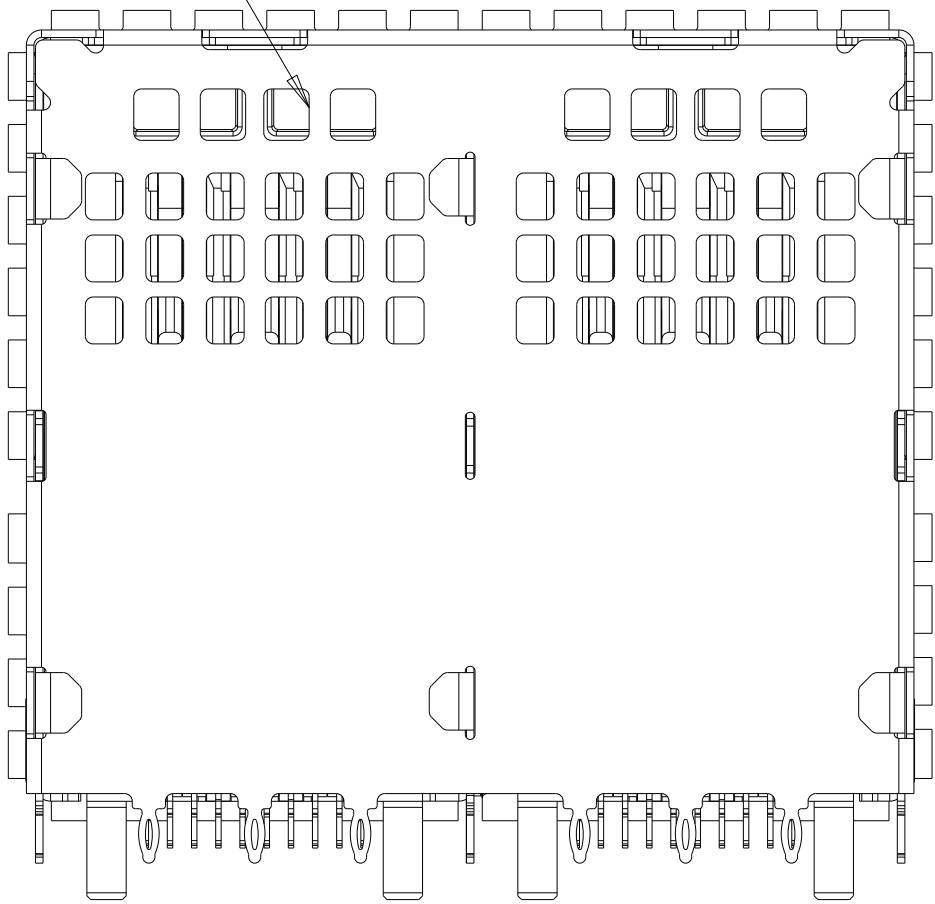
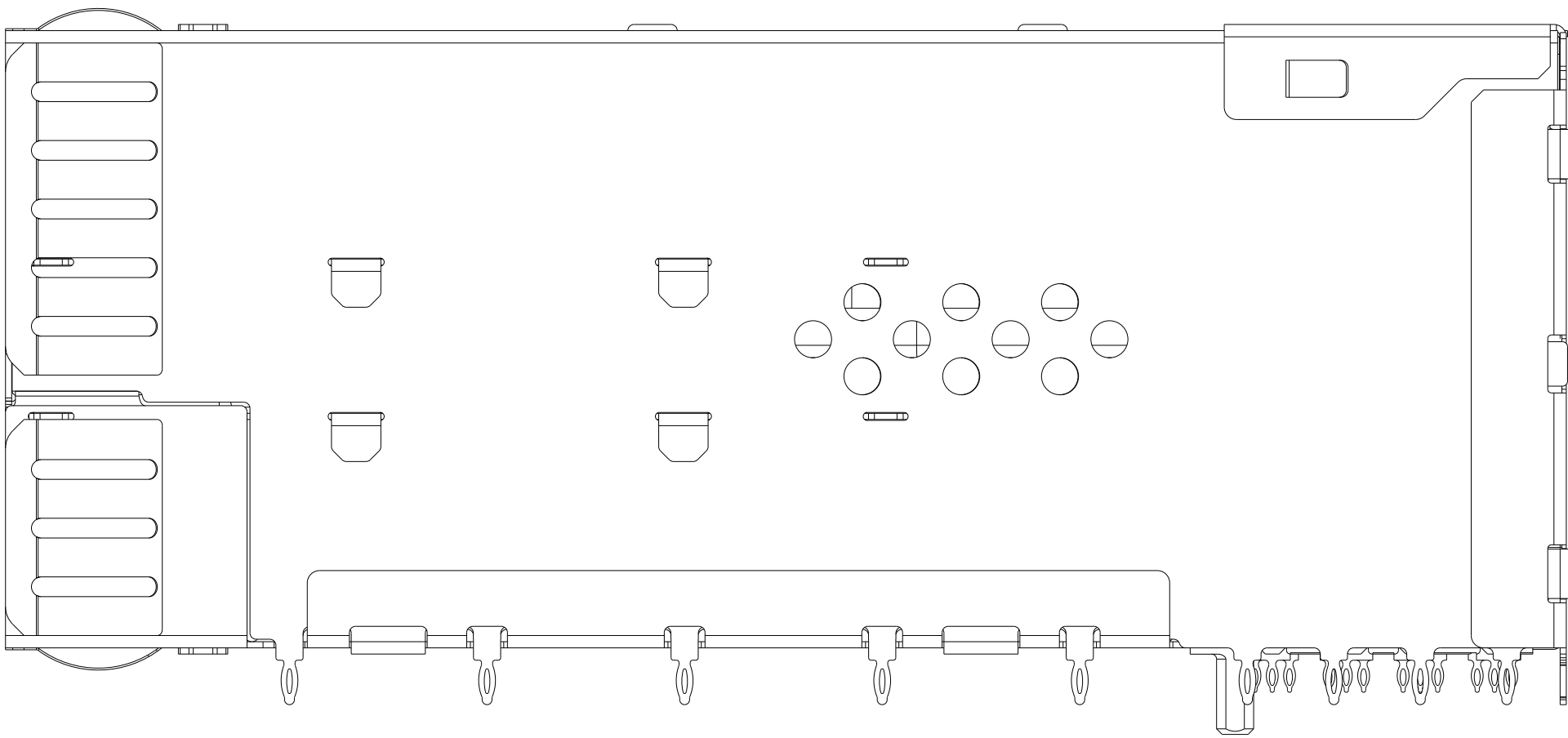
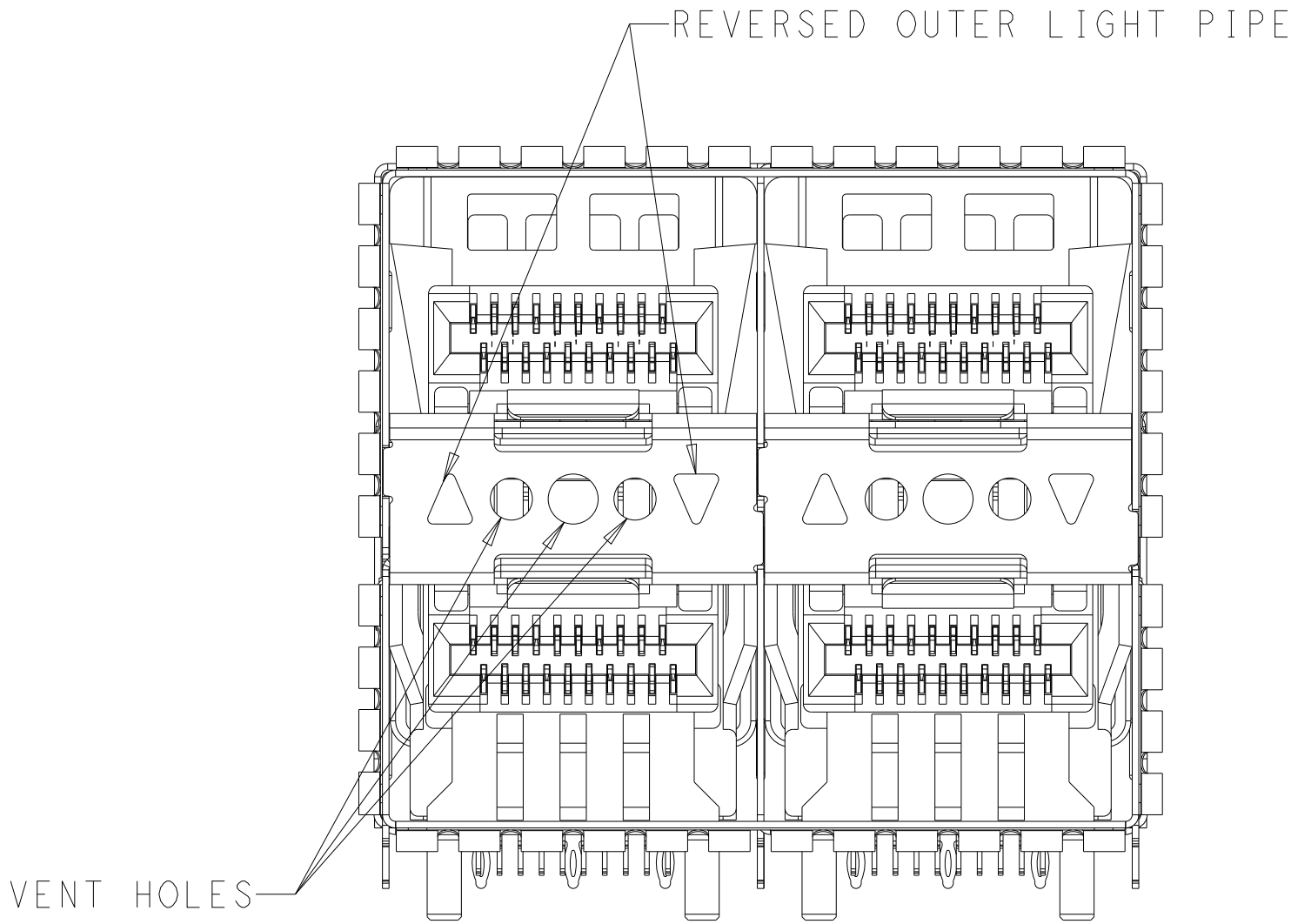
2343522-5 THRU 2343522-8, 1-2343522-9, 2-2343522-0,
5-2343522-6, 5-2343522-8
EMI SPRINGS ONLY
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	LEO LI	04SEP2018	 TE Connectivity			
				CHK	SEAN HAN	04SEP2018				
				APVD	SEAN HAN	04SEP2018	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, SFP56			
							SIZE A1			
							CAGE CODE 00779			
							DRAWING NO 2343522			
							RESTRICTED TO -			
							SCALE 4:1			
							SHEET 3			
							OF 6			
							REV E2			
							CUSTOMER DRAWING			

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

3-2343522-3, 4-2343522-3, 4-2343522-4, 5-2343522-3 AIR FLOW ENHANCED VERSION
UNMARKED DIMENSION SAME AS 2343522-5

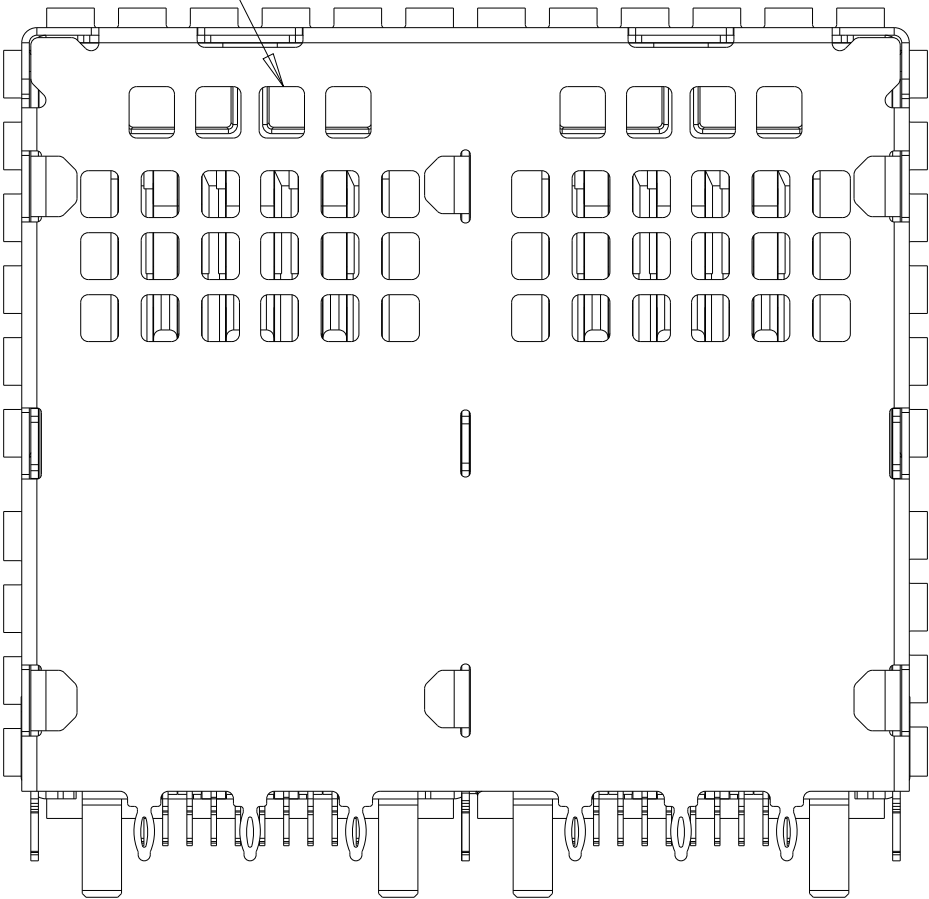
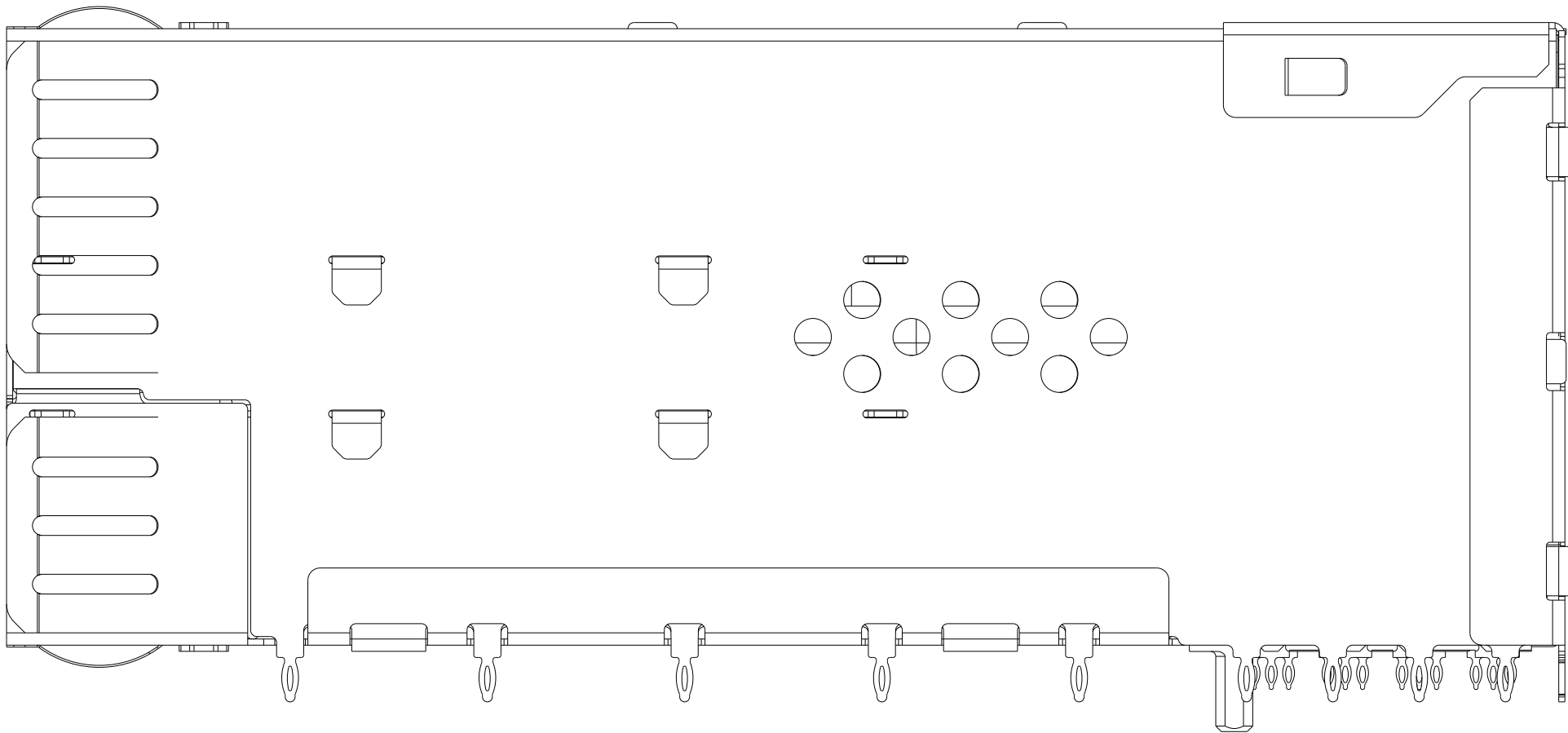
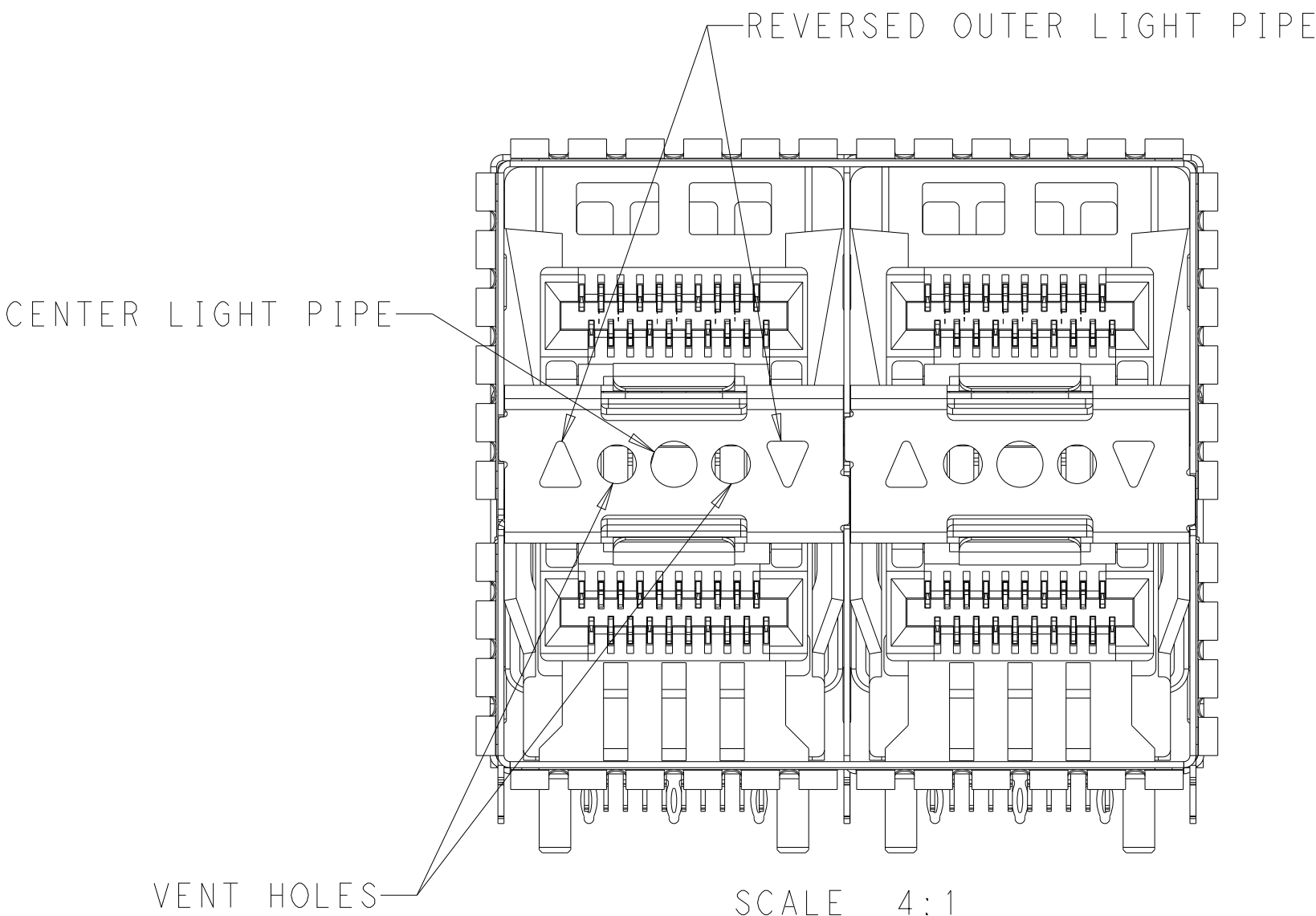
VENT HOLES PATTERN



SCALE 4:1

3-2343522-4 AIR FLOW ENHANCED VERSION
UNMARKED DIMENSION SAME AS 2343522-5

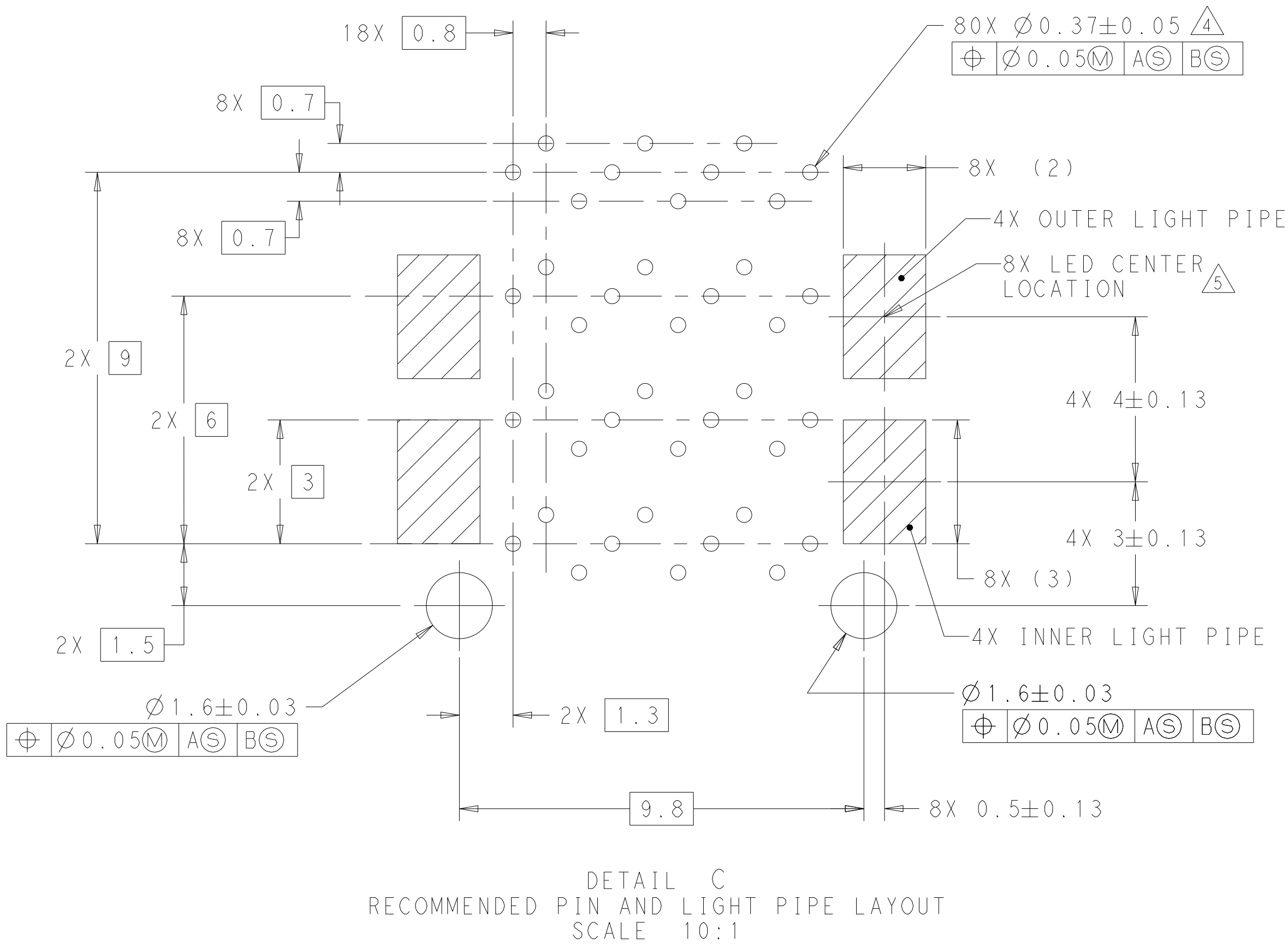
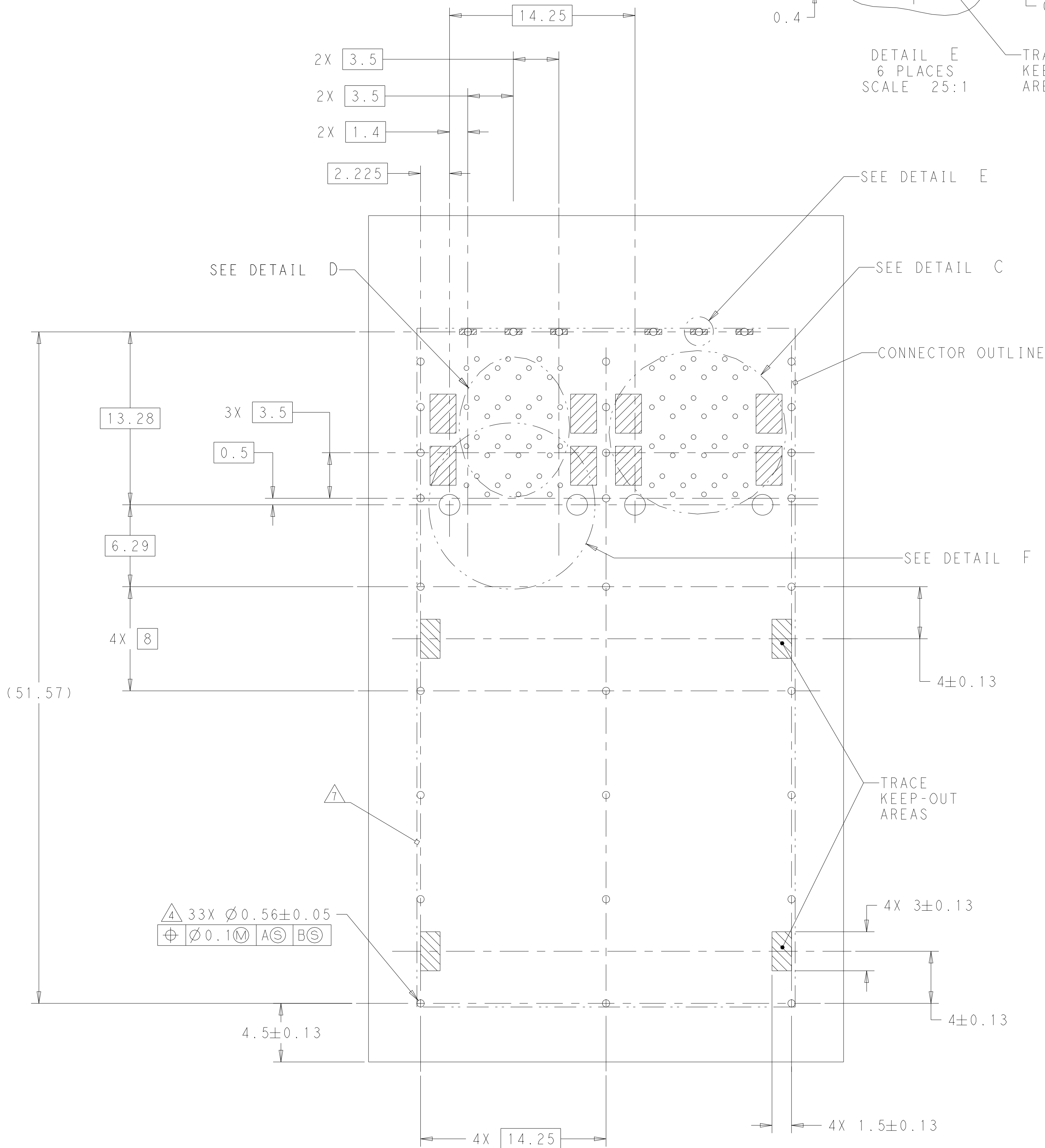
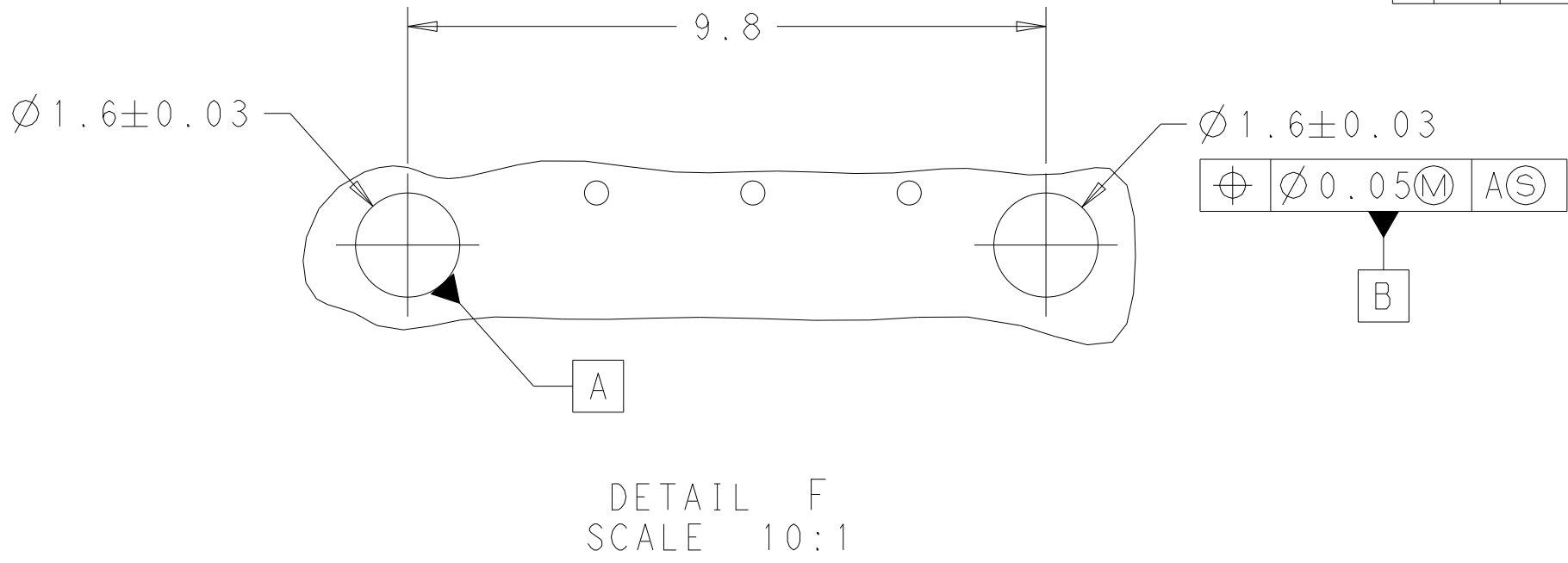
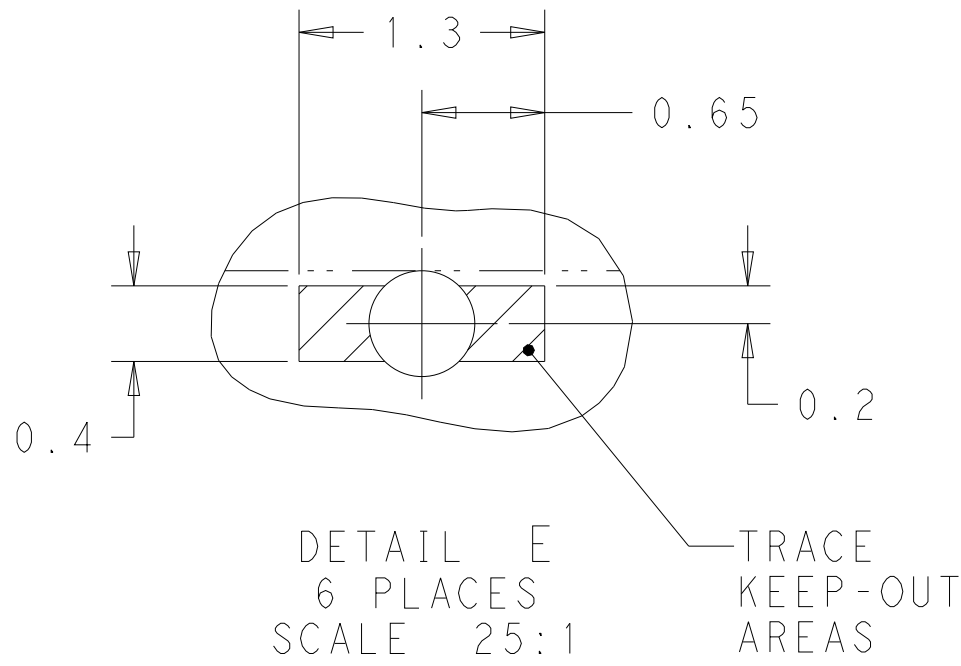
VENT HOLES PATTERN



SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LEO LI	04SEP2018	 TE Connectivity	
		CHK SEAN HAN	04SEP2018		
DIMENSIONS:		APVD SEAN HAN	04SEP2018	NAME RECEPTACLE ASSEMBLY, 2X2, STACKED, SFP56	
mm		PRODUCT SPEC			
		108-2481		SIZE A1	
		APPLICATION SPEC			
		114-13319		CAGE CODE 00779	
		WEIGHT -			
MATERIAL SEE NOTES		CUSTOMER DRAWING		DRAWING NO C=2343522	
				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 4	
				OF 6	
				REV E2	

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



33X $\varnothing 0.56 \pm 0.05$
 $\varnothing 0.1$ 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: LEO LI 04SEP2018	TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 04SEP2018		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 04SEP2018	NAME: RECEPTACLE ASSEMBLY, 2X2, STACKED, SFP56	
	0 PLC ± 0.25	PRODUCT SPEC	SIZE: A100779C=2343522	
	1 PLC ± 0.25	108-2481		
	2 PLC ± 0.25	APPLICATION SPEC		
	3 PLC ± 0.25	114-13319		
MATERIAL: SEE NOTES	ANGLES: $\pm 5^\circ$	WEIGHT: -	CUSTOMER DRAWING	
		SCALE: 4:1	SHEET: 5 OF 6	REV: E2

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

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

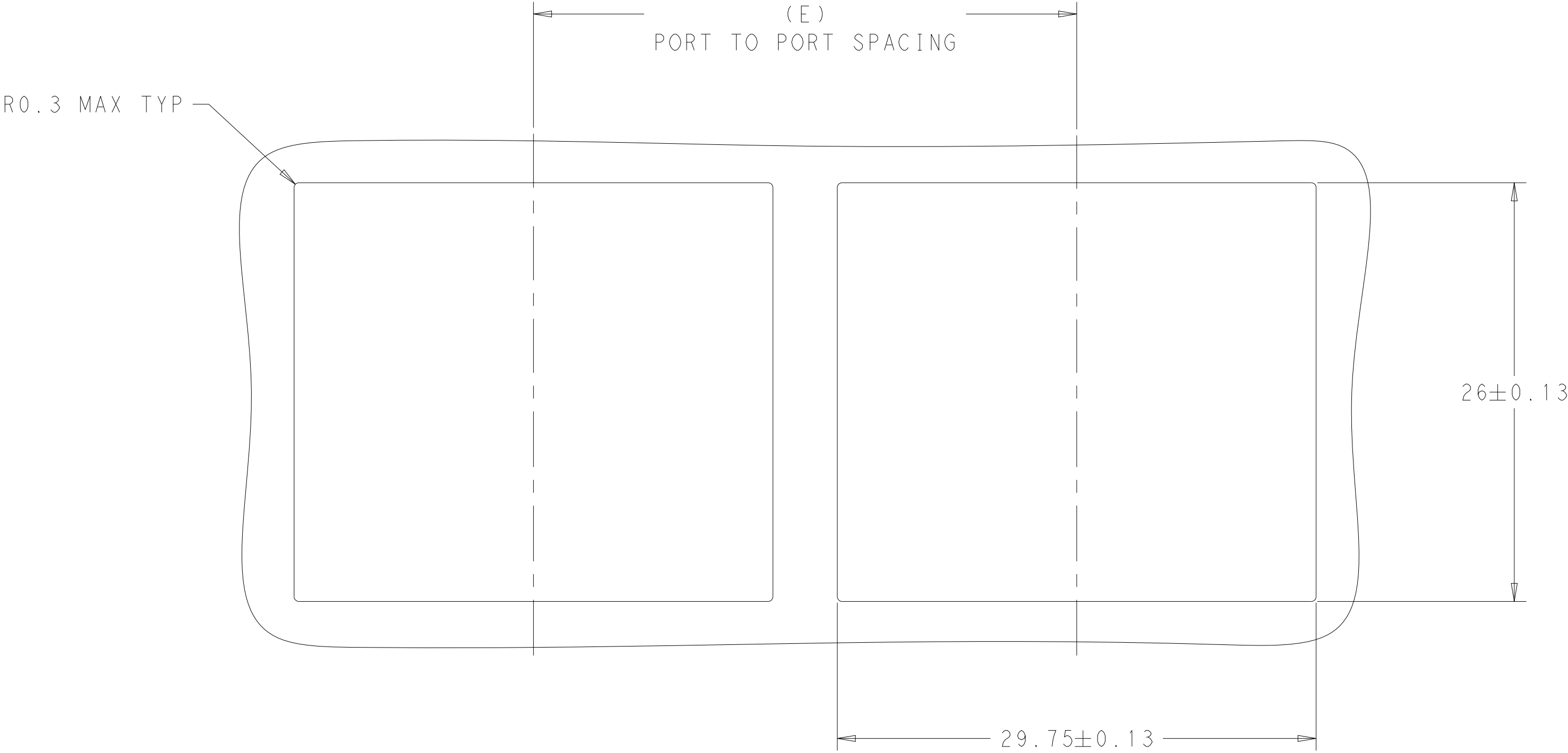
T2○ T5○ T8○
T1○ T4○ T7○ T10○
T3○ T6○ T9○

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

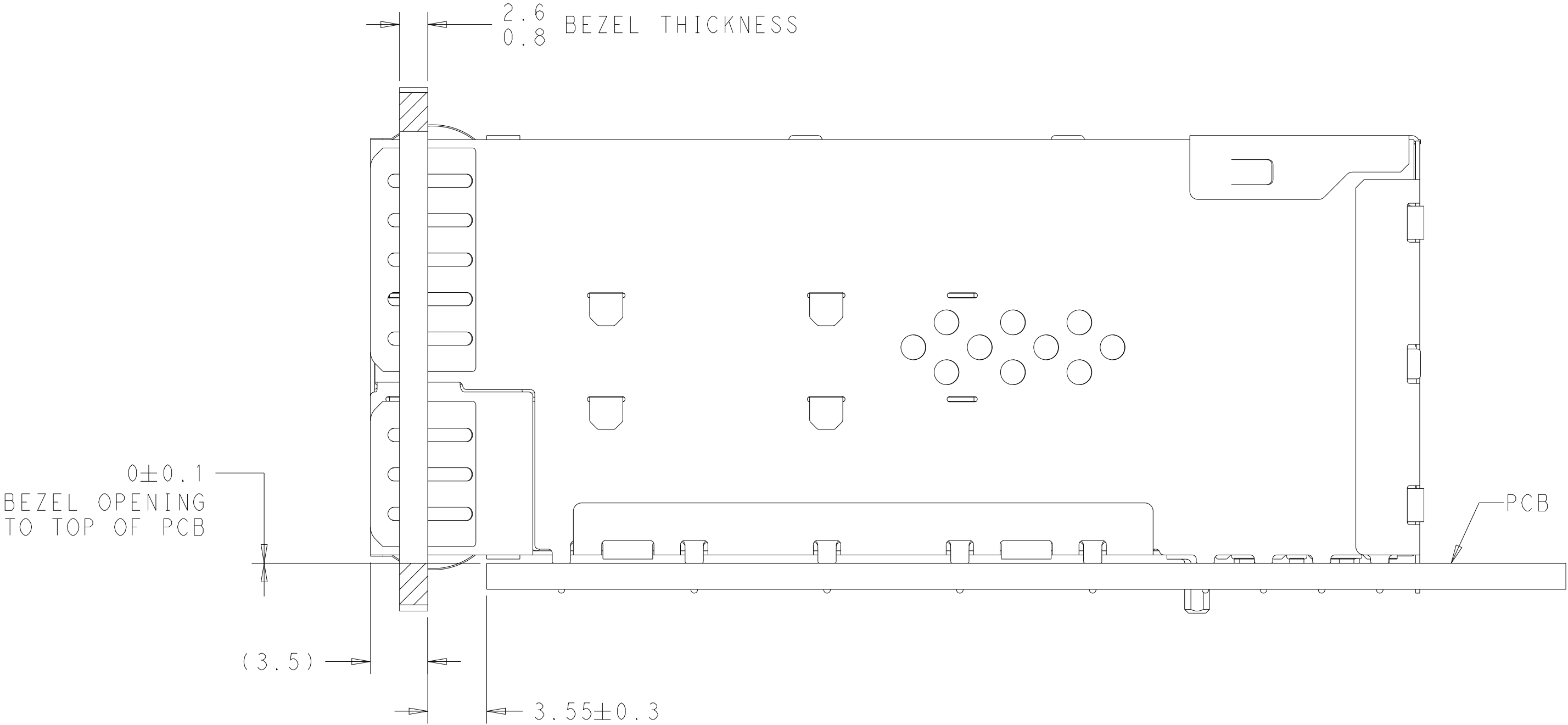
L12○ L15○ L18○
L11○ L14○ L17○ L20○
L13○ L16○ L19○

DETAIL D
PIN MAP
2 PLACES
SCALE 15:1

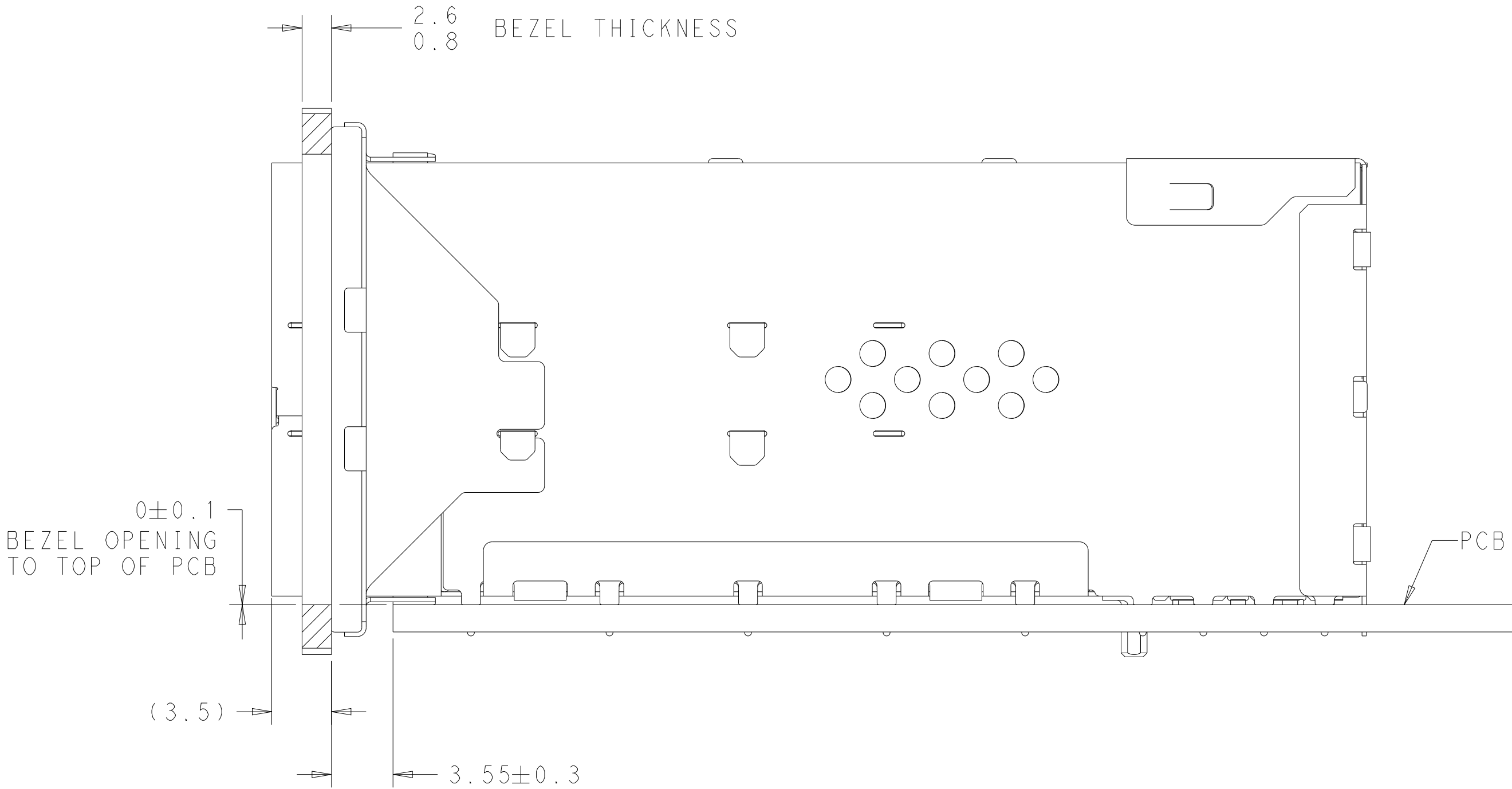
PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 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	LEO LI	04SEP2018	 TE Connectivity							
		CHK	SEAN HAN	04SEP2018								
DIMENSIONS:		APVD	SEAN HAN	04SEP2018	NAME	RECEPTACLE ASSEMBLY, 2X2, STACKED, SFP56						
mm	TOLERANCES UNLESS SPECIFIED:											
	0 P/LC	±0.25										
	1 P/LC	±0.25										
	2 P/LC	±0.25										
	3 P/LC	±0.25										
	4 P/LC	±0.25										
	ANGLES	±°5										
	FINISH	114-13319										
MATERIAL	SEE NOTES	WEIGHT	-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
					A1	00779	C=2343522	-				
CUSTOMER DRAWING					SCALE	4:1	SHEET	6	OF	6	REV	E2