

2340033-1

1. MATERIALS:
 CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122
 CONNECTOR HOUSING - LCP, BLACK, UL 94V-0 RATED
 CHICKLET - LCP, BLACK, UL 94V-0 RATED
 CHICKLET ALIGNMENT CLIP - LCP, BLACK, UL 94V-0 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

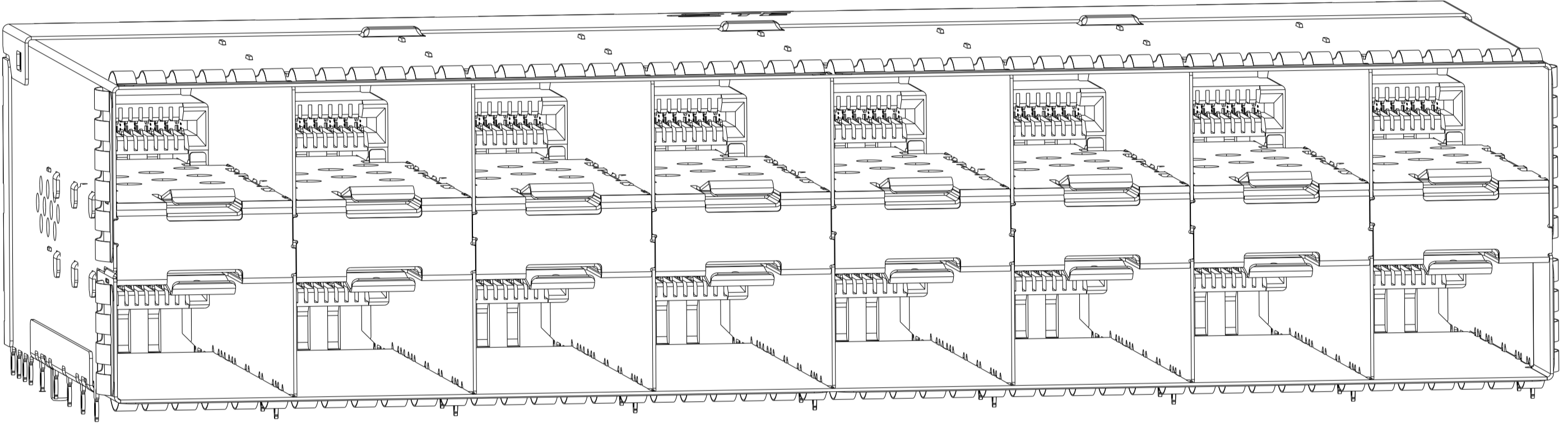
△ FOR HOLE SIZE AND PLATINGS,
 SEE APPLICATION SPECIFICATION 114-13319

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

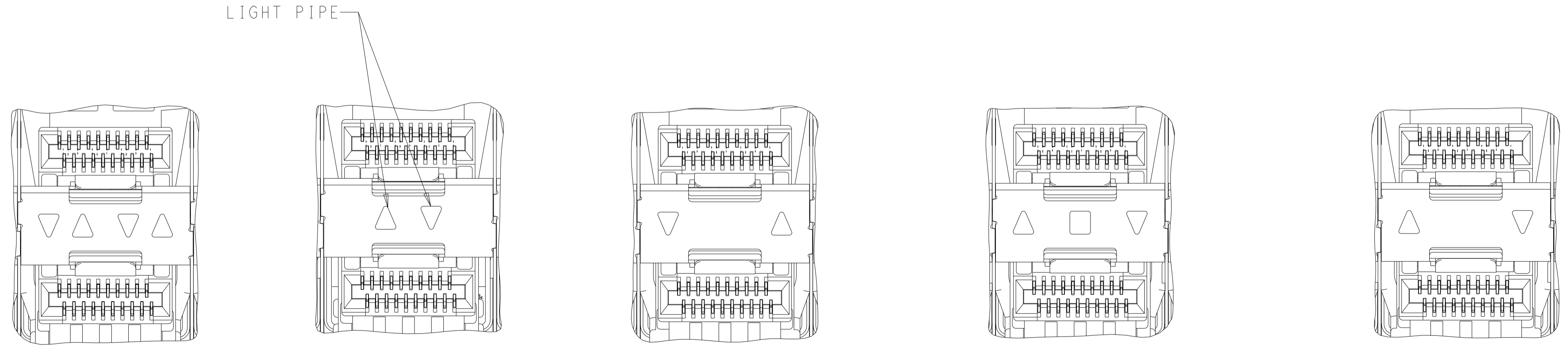
△ DIMENSIONS APPLY FOR EMI SPRINGS ONLY

△ 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

△ THE DIMENSIONS APPLY TO 4-2340033-0 ONLY.



2340033-5



INNER/OUTER LIGHT PIPE
 2340033-2, 2340033-6
 SCALE 4:1

INNER LIGHT PIPE
 2340033-3, 2340033-7
 4-2340033-0
 SCALE 4:1

OUTER LIGHT PIPES
 2340033-4, 2340033-8
 SCALE 4:1

CENTER/REVERSED OUTER LIGHT PIPES
 1-2340033-7, 1-2340033-9
 SCALE 4:1

REVERSED OUTER LIGHT PIPES
 1-2340033-8, 2-2340033-0
 SCALE 4:1

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	CHK
		C	REVISED PER ECO-20-014521	13OCT2020	JY SH
		D	ECO-20-017955	26OCT2020	JY SH
		D1	ADD NEW DASH NUMBER 3-2340033-6/7	22APR2021	SZ SZ

DESCRIPTION	INNER/OUTER	PART NUMBER
116.5 THERMAL HOLE TOP SURFACE	INNER	4-2340033-0
116.5 EMI SPRINGS, CUSTOMIZED VENT HOLES	NONE	3-2340033-7
116.5 EMI SPRINGS, CUSTOMIZED VENT HOLES	INNER	3-2340033-6
116.5 EMI SPRING AIRFLOW ENHANCE TYPE	REVERSED OUTER	3-2340033-5
116.5 EMI SPRINGS, CUSTOMIZED THERMAL ENHANCE	INNER	3-2340033-4
116.5 EMI SPRINGS, TAPE AIRFLOW ENHANCE TYPE	NONE	3-2340033-3
119.25 EMI GASKET LOW PROFILE FLANGE	INNER	3-2340033-2
116.5 EMI SPRINGS AIRFLOW ENHANCE TYPE	NONE	3-2340033-1
119.25 EMI GASKET AIRFLOW ENHANCE TYPE	NONE	3-2340033-0
116.5 EMI SPRINGS	REVERSED OUTER CENTER/REVERSED OUTER	2-2340033-0 1-2340033-9
119.25 EMI GASKET	REVERSED OUTER CENTER/REVERSED OUTER	1-2340033-8 1-2340033-7
116.5 EMI SPRING WITH NICKEL PLATING ONLY	OUTER INNER INNER/OUTER	1-2340033-2 1-2340033-1 1-2340033-0
116.5 EMI SPRINGS	NONE OUTER INNER INNER/OUTER	2340033-9 2340033-8 2340033-7 2340033-6
119.25 EMI GASKET	NONE OUTER INNER INNER/OUTER	2340033-5 2340033-4 2340033-3 2340033-2
(E) CAGE TYPE	NONE	2340033-1
	LIGHT PIPE CONFIGURATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN: J. WANG 26 JUL 2018
 CHK: S. HAN 26 JUL 2018
 APVD: S. HAN 26 JUL 2018

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

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2340033
 SHEET 1 OF 8

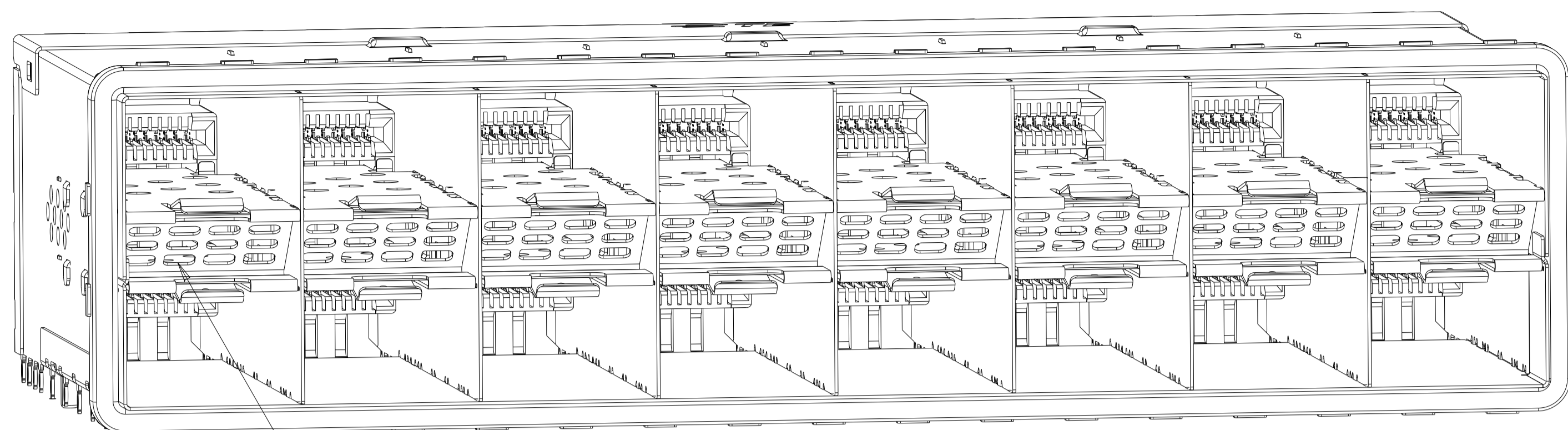
RESTRICTED TO: CUSTOMER DRAWING

SCALE: 1:1

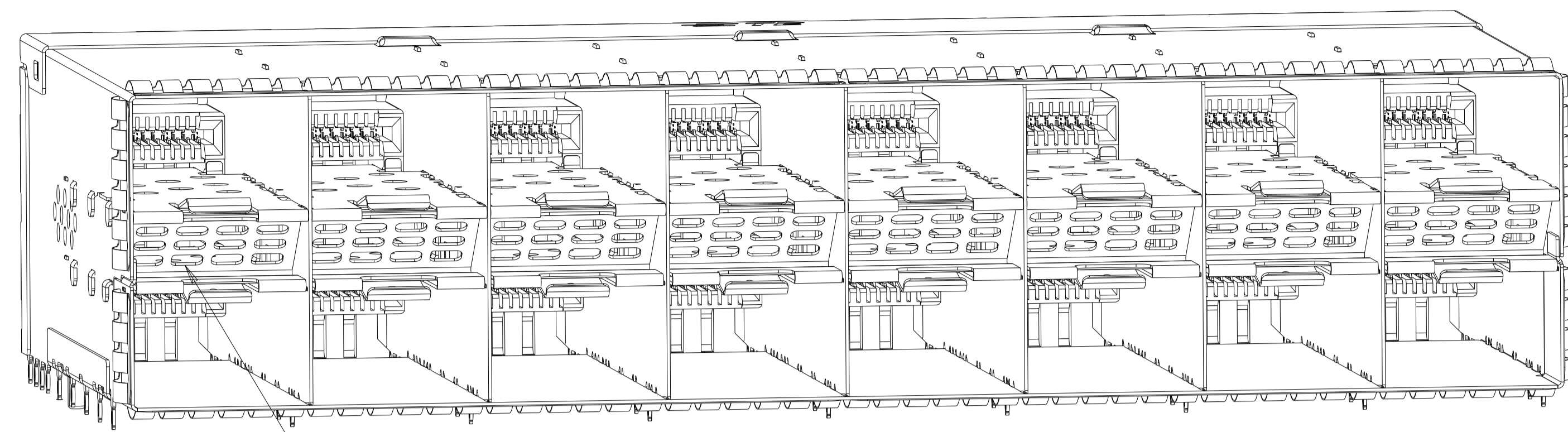
REV: D1

LOC		DIST		REVISIONS			
GP	00	P	LYR	DESCRIPTION	DATE	OWN	APVD
				SEE SHEET 1			

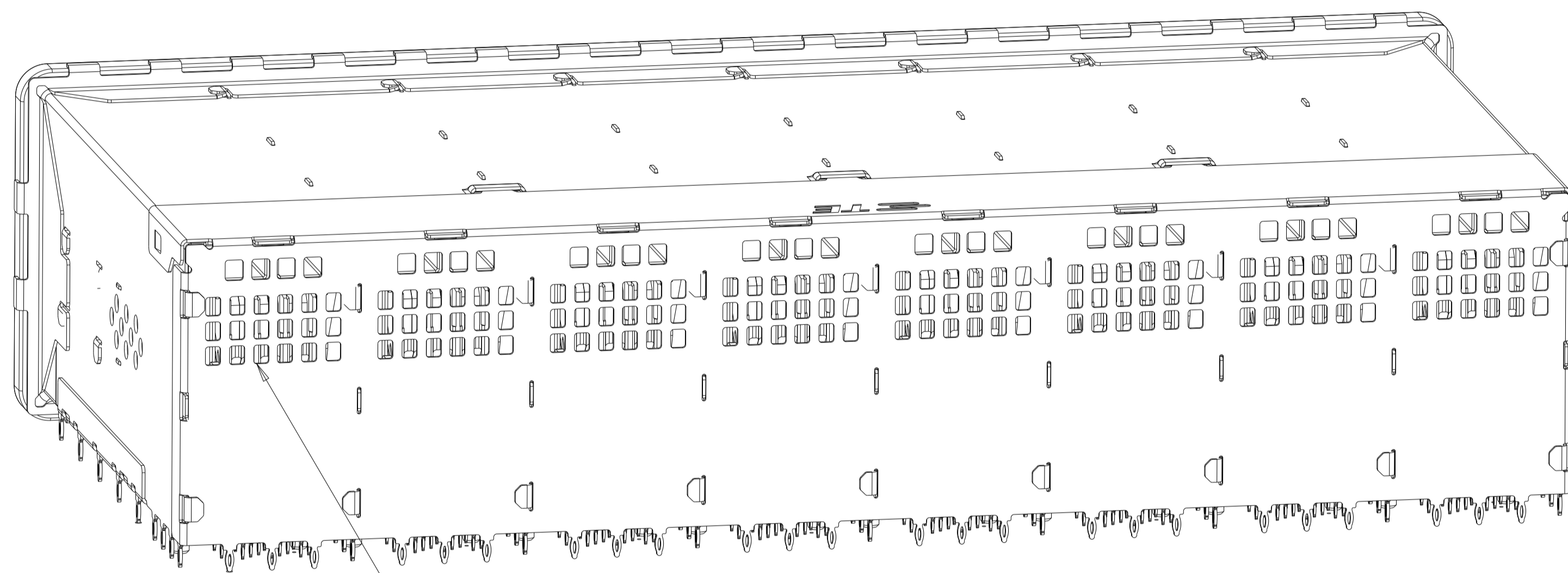
AIRFLOW ENHANCE TYPE



AIR VENTS

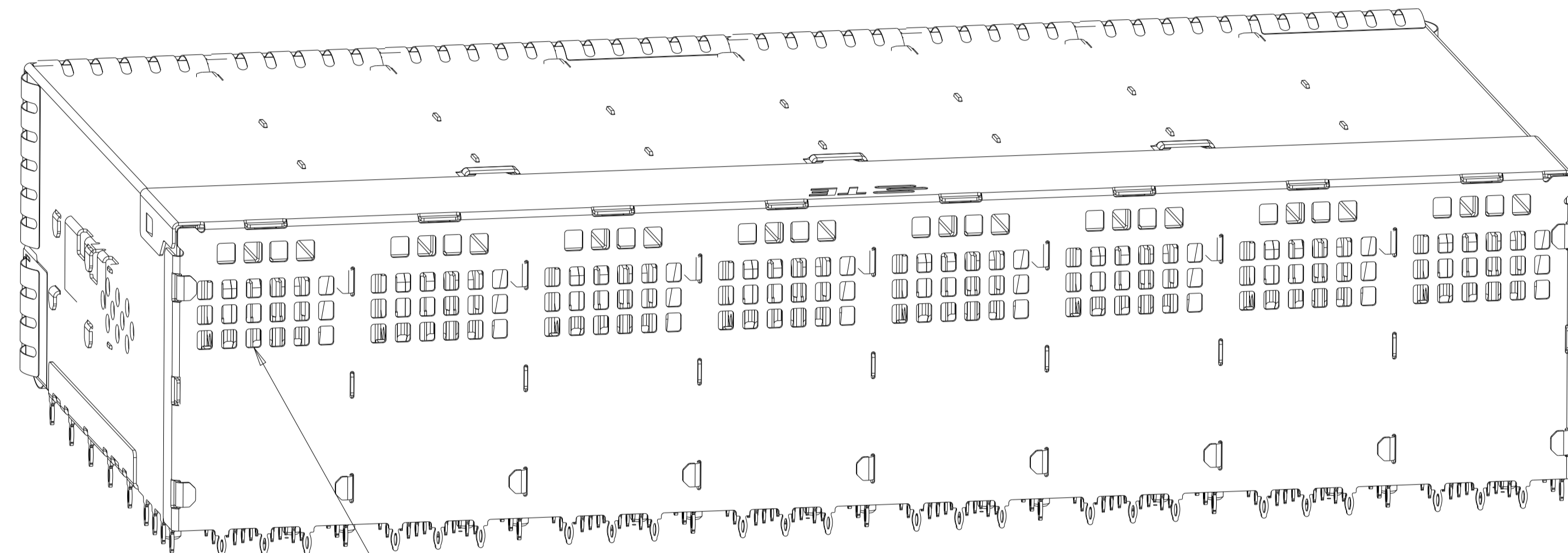


AIR VENTS



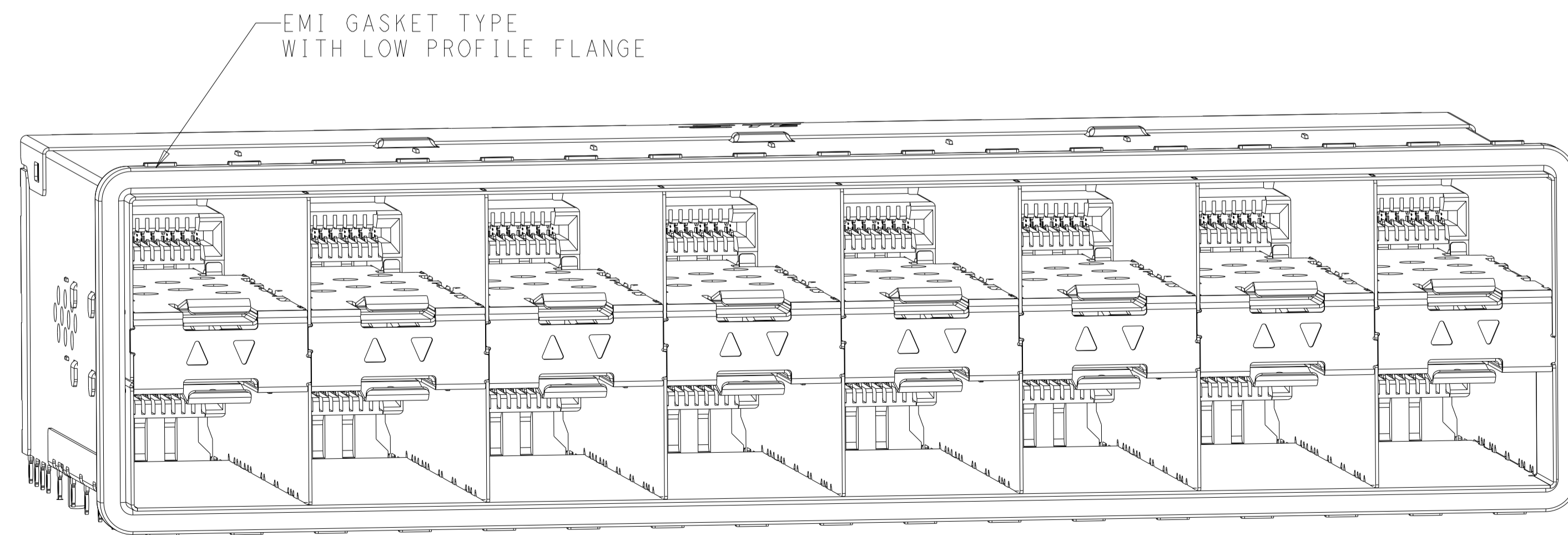
AIR VENTS

3-2340033-0
EMI GASKET TYPE

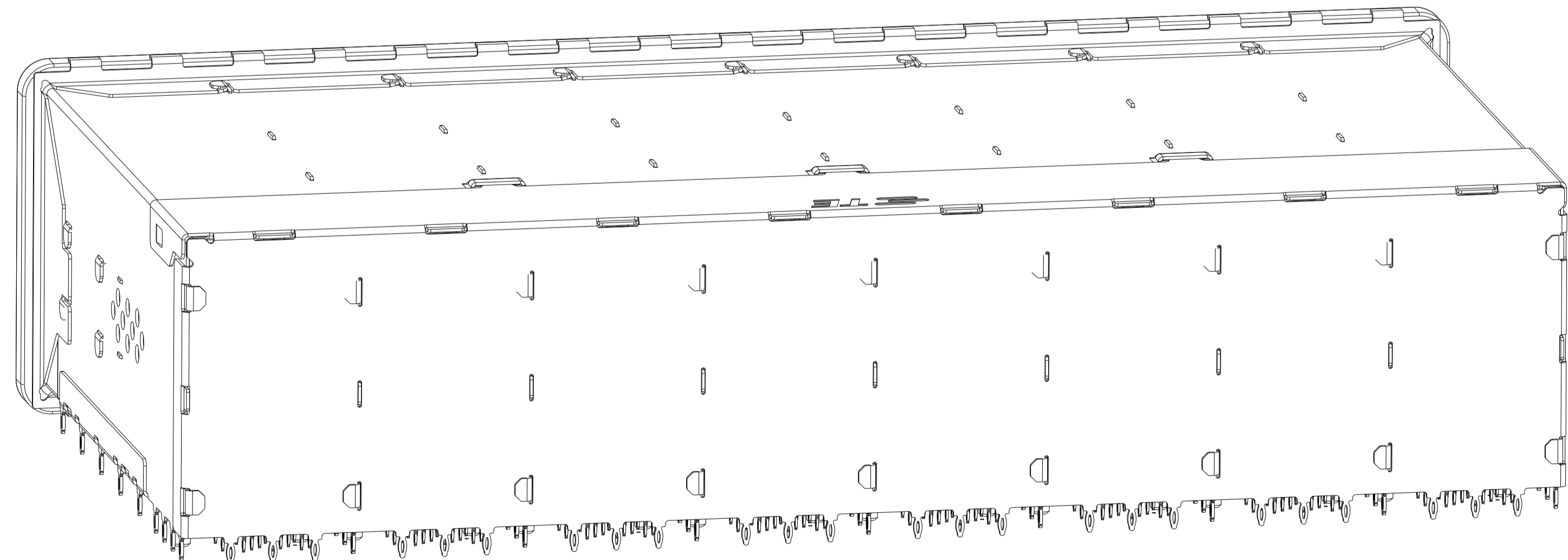


AIR VENTS

3-2340033-1
EMI SPRING TYPE



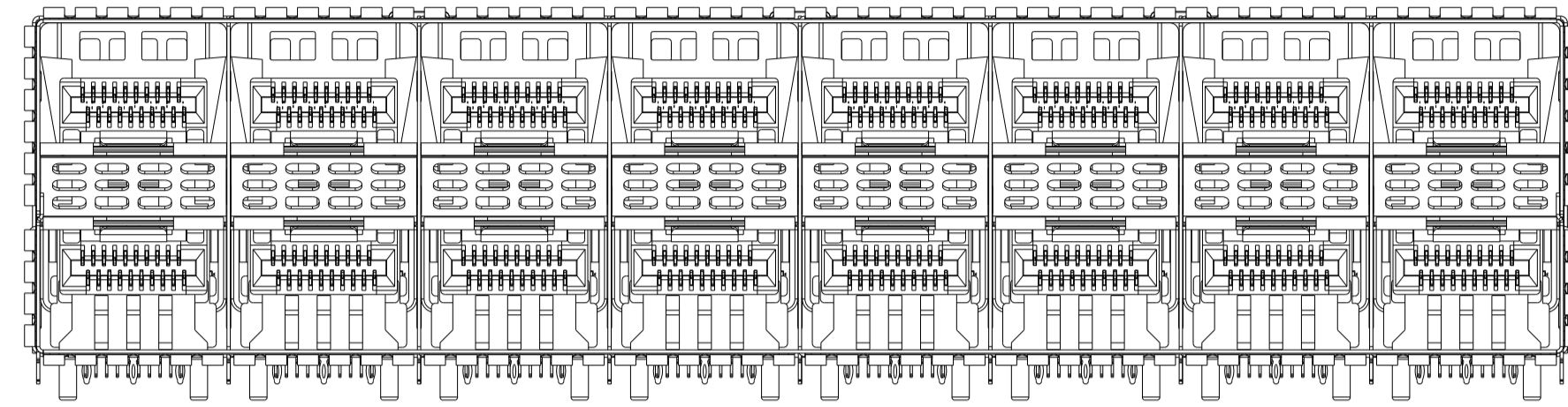
EMI GASKET TYPE
WITH LOW PROFILE FLANGE



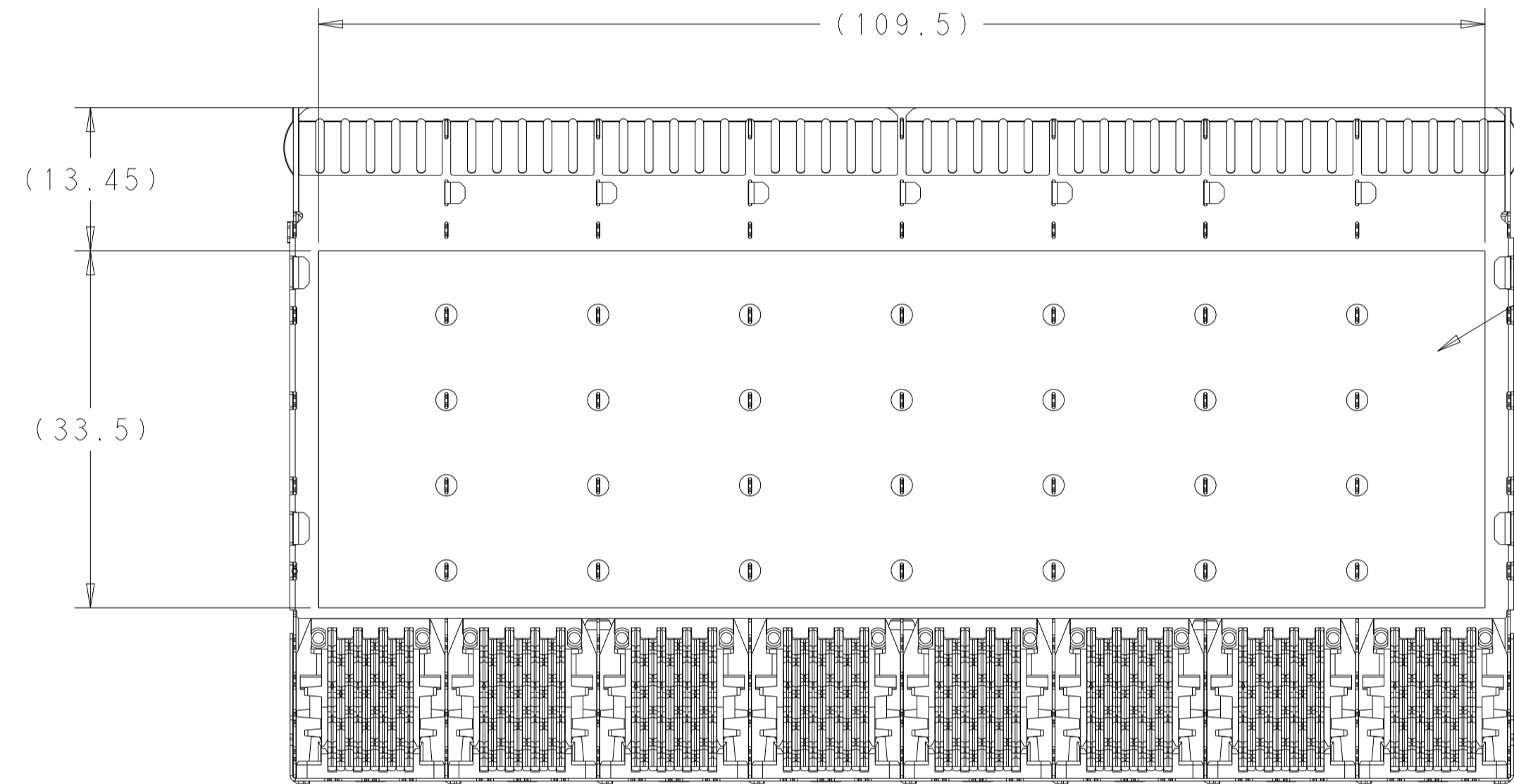
3-2340033-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. WANG 26 JUL 2018	
		CHK S. HAN 26 JUL 2018	
DIMENSIONS:		APVD S. HAN 26 JUL 2018	NAME
mm		PRODUCT SPEC	RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
		108-2481	SIZE
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±° FINISH ±°		APPLICATION SPEC	CAGE CODE DRAWING NO
MATERIAL SEE NOTES		114-13319	A100779C=2340033
		WEIGHT	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 1:1 SHEET 2 OF 8 REV D1

3-2340033-3
 UNMARKED DIMENSIONS
 SAME AS 3-2340033-1

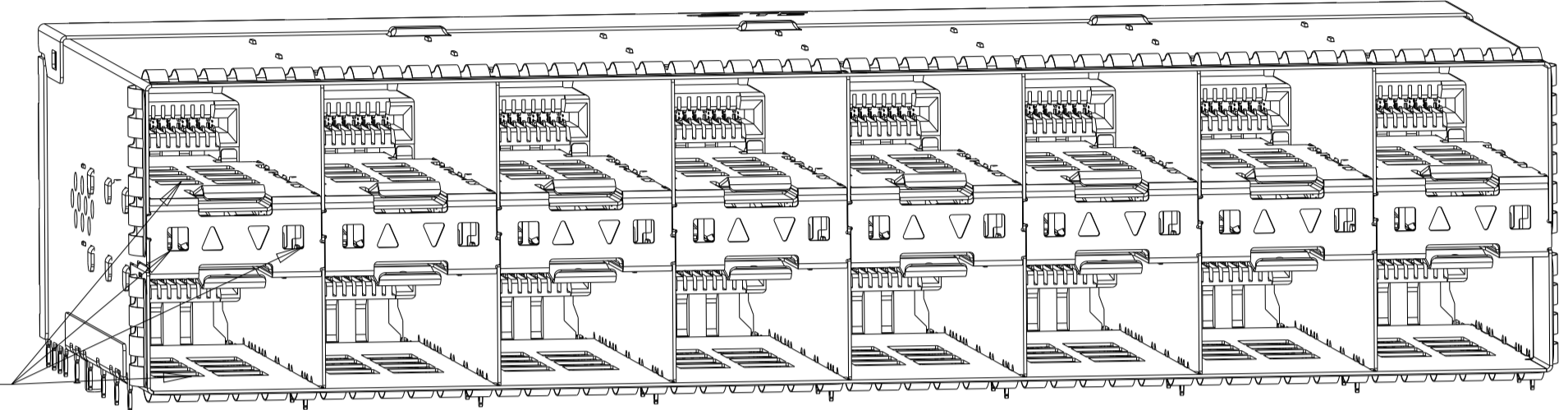


SCALE 2:1



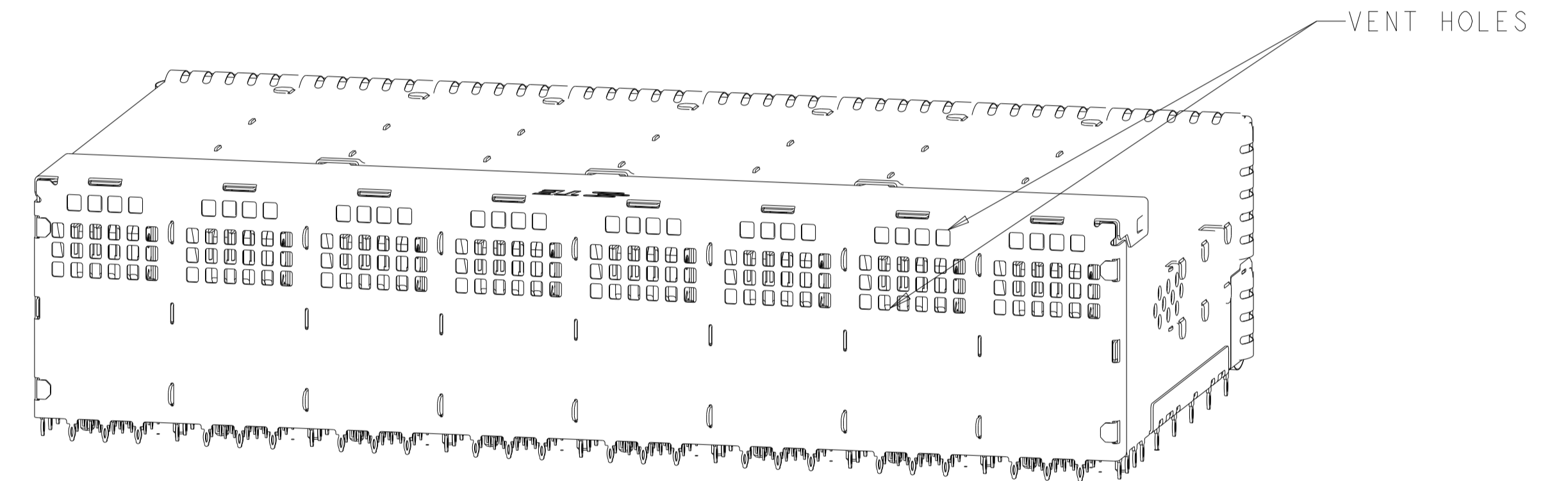
INSULATION TAPE

3-2340033-4
 UNMARKED DIMENSIONS
 SAME AS 3-2340033-1



VENT HOLES

SCALE 2:1



VENT HOLES

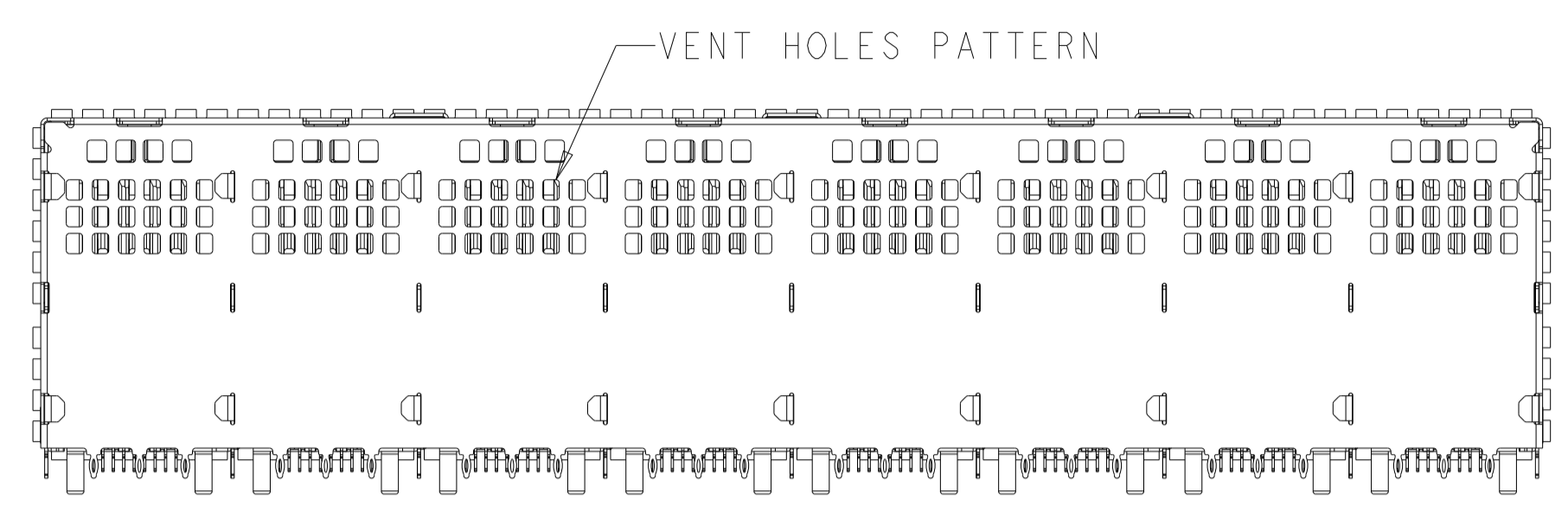
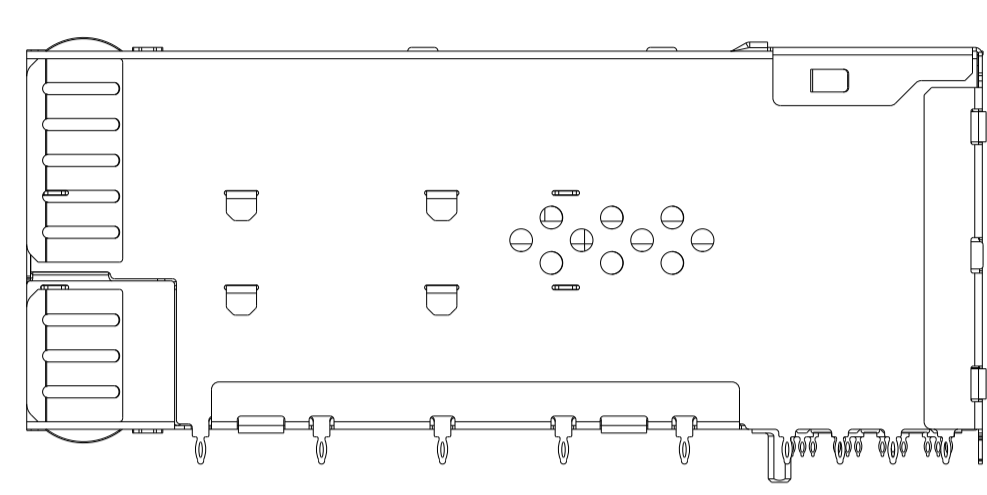
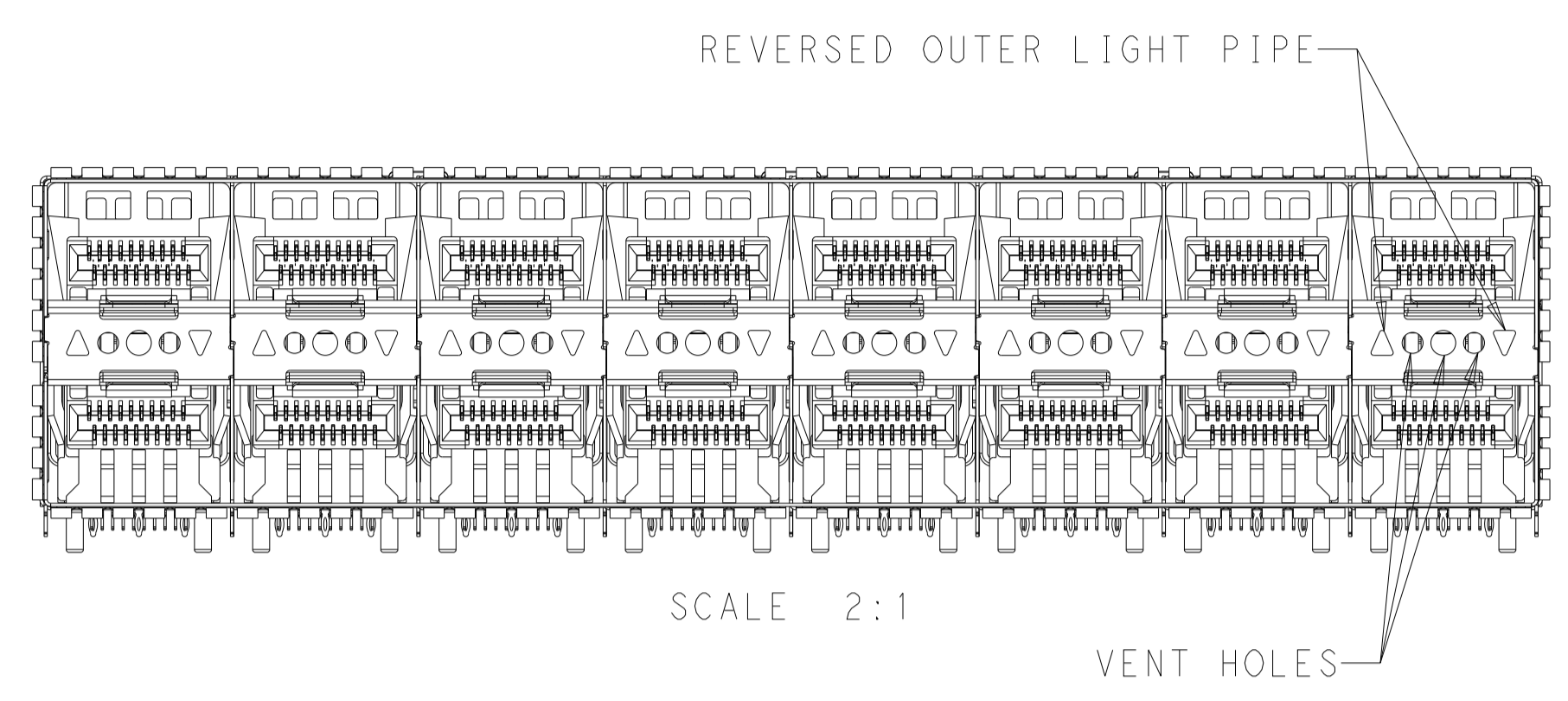
SCALE 2:1

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

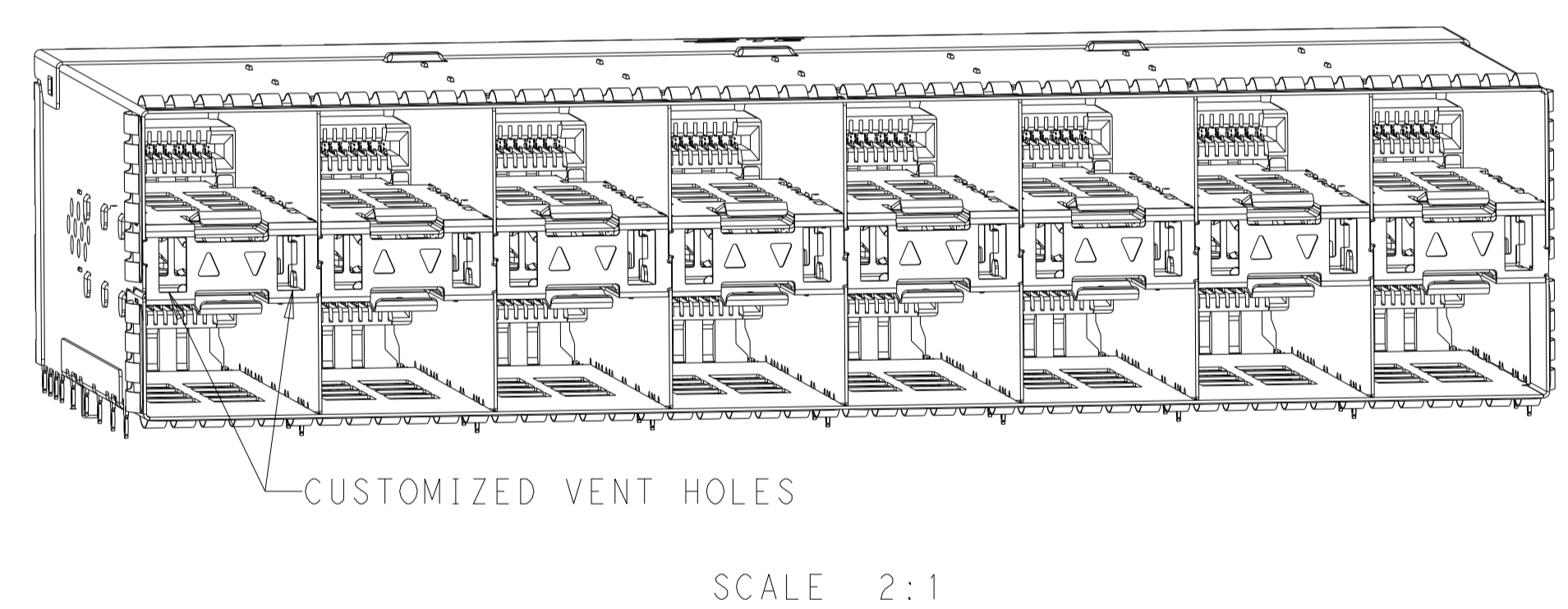
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG 26 JUL 2018	
DIMENSIONS: mm		CHK S. HAN 26 JUL 2018	
		APVD S. HAN 26 JUL 2018	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE A1
0 PLC ±0.25		108-2481	CAGE CODE C=2340033
1 PLC ±0.25		APPLICATION SPEC	DRAWING NO 114-13319
2 PLC ±0.25		RESTRICTED TO	SCALE 1:1
3 PLC ±0.25			SHEET 3 OF 8
4 PLC ±			REV D1
ANGLES ±°		WEIGHT	
FINISH		CUSTOMER DRAWING	
MATERIAL SEE NOTES			

LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		

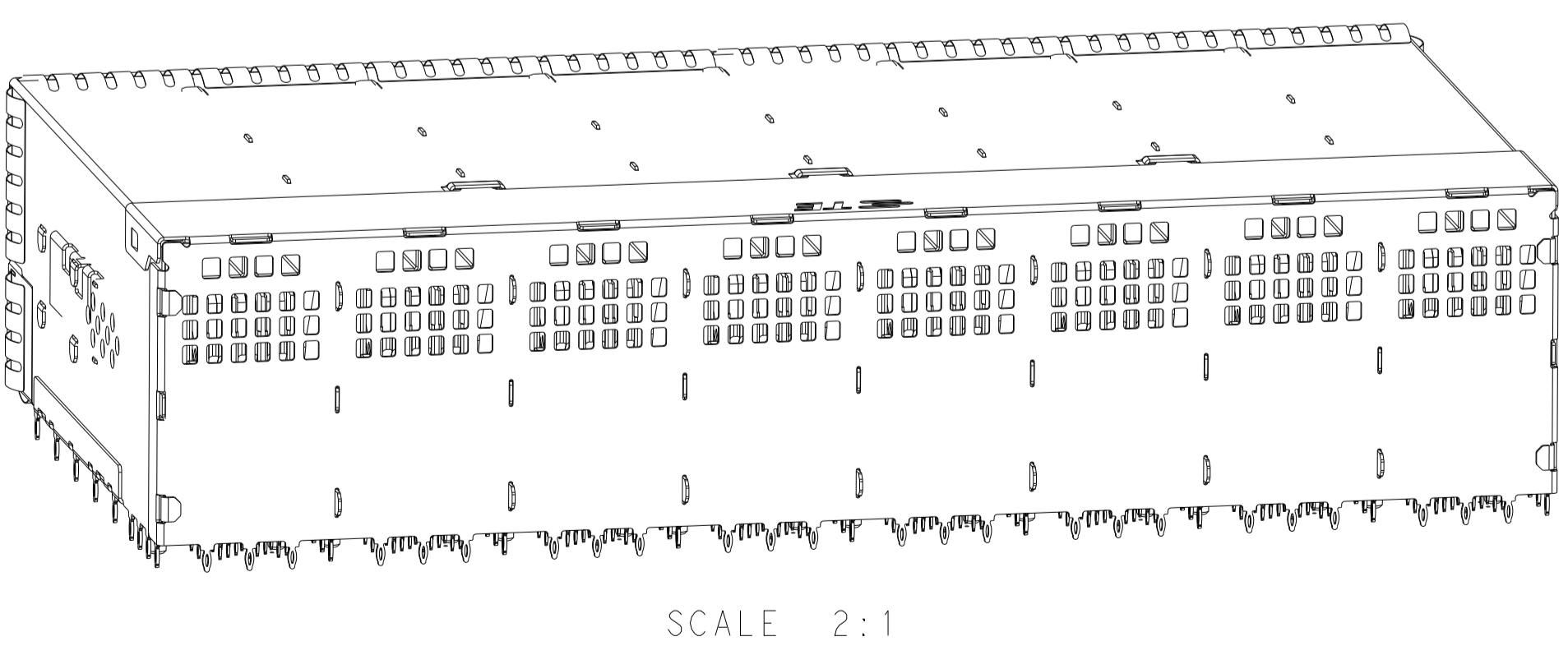
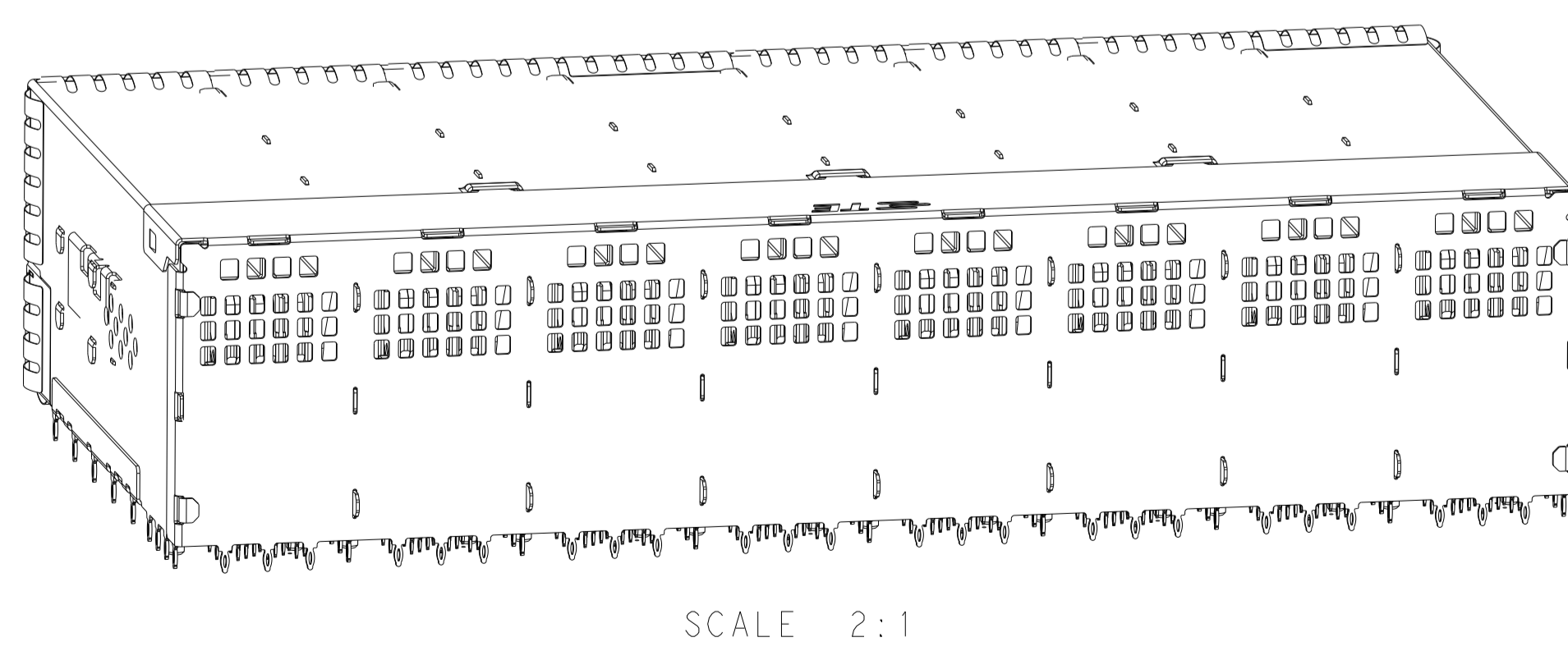
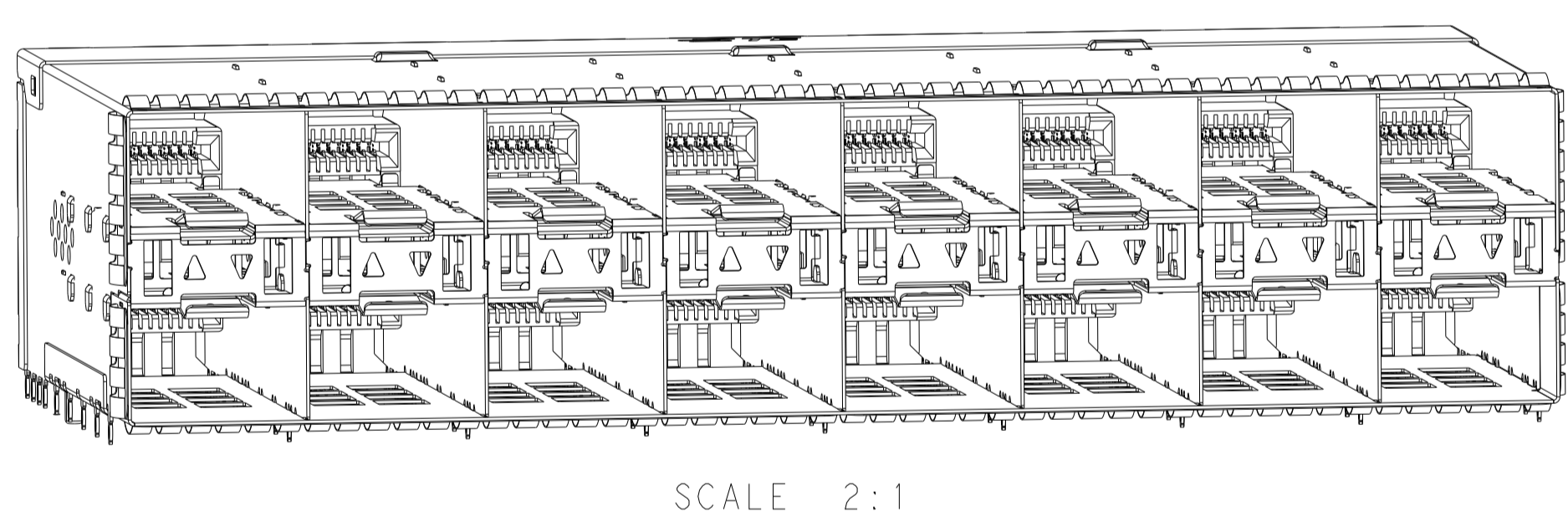
3-2340033-5 AIR FLOW ENHANCED VERSION
 UNMARKED DIMENSION SAME AS 2340033-5



3-2340033-6
 UNMARKED DIMENSIONS
 SAME AS 3-2340033-4



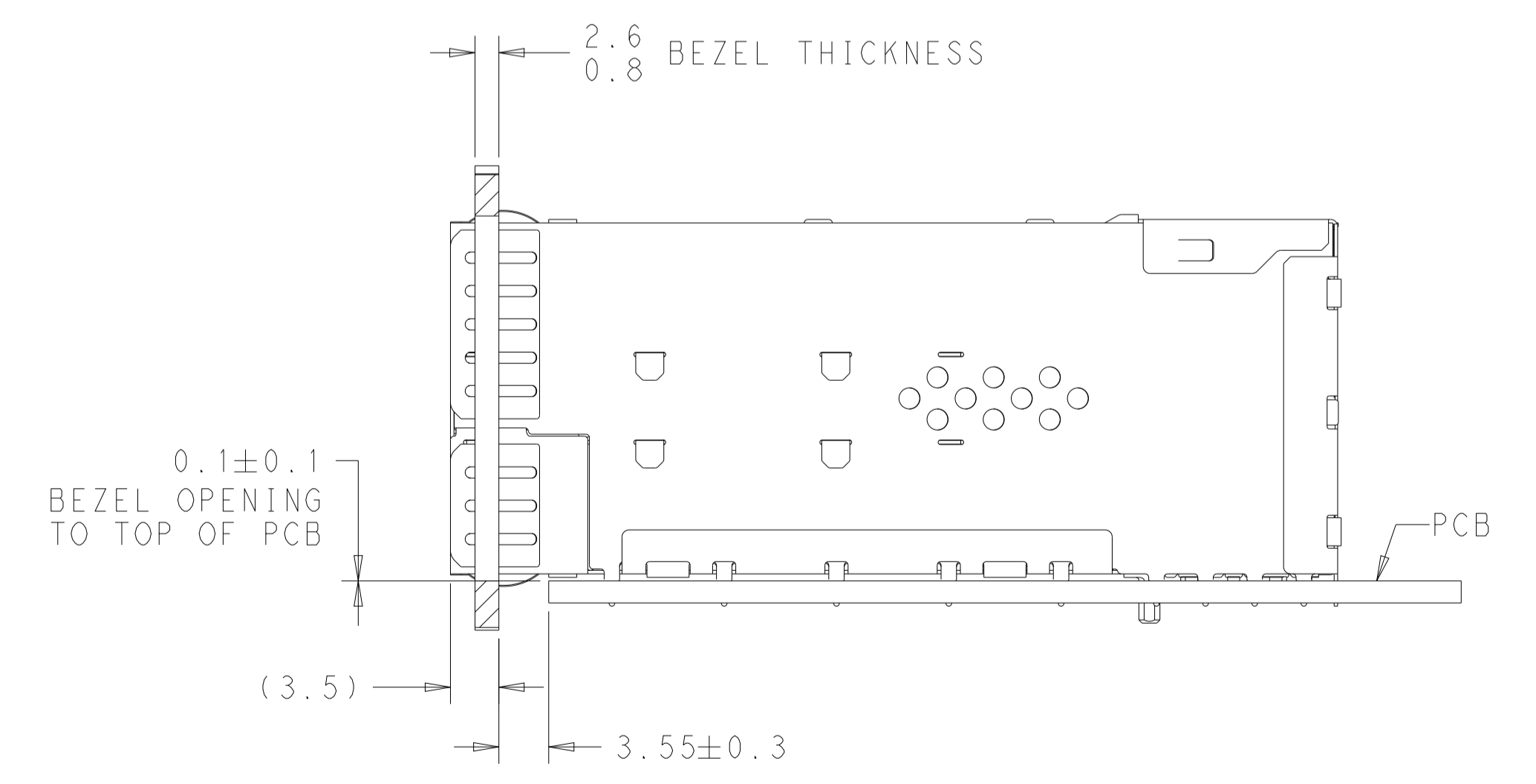
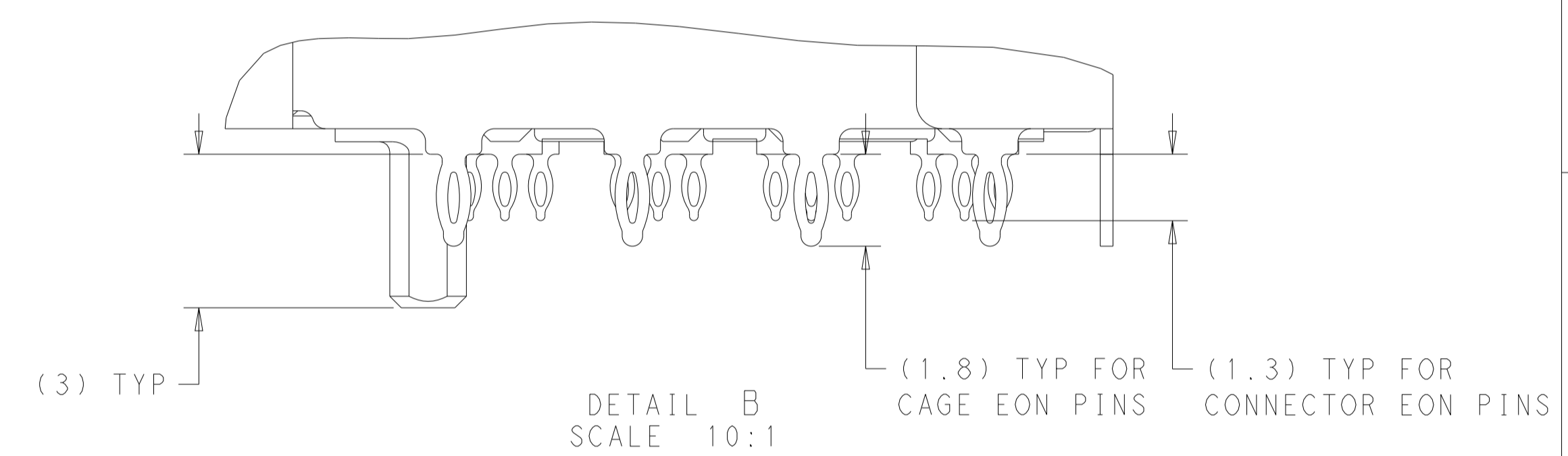
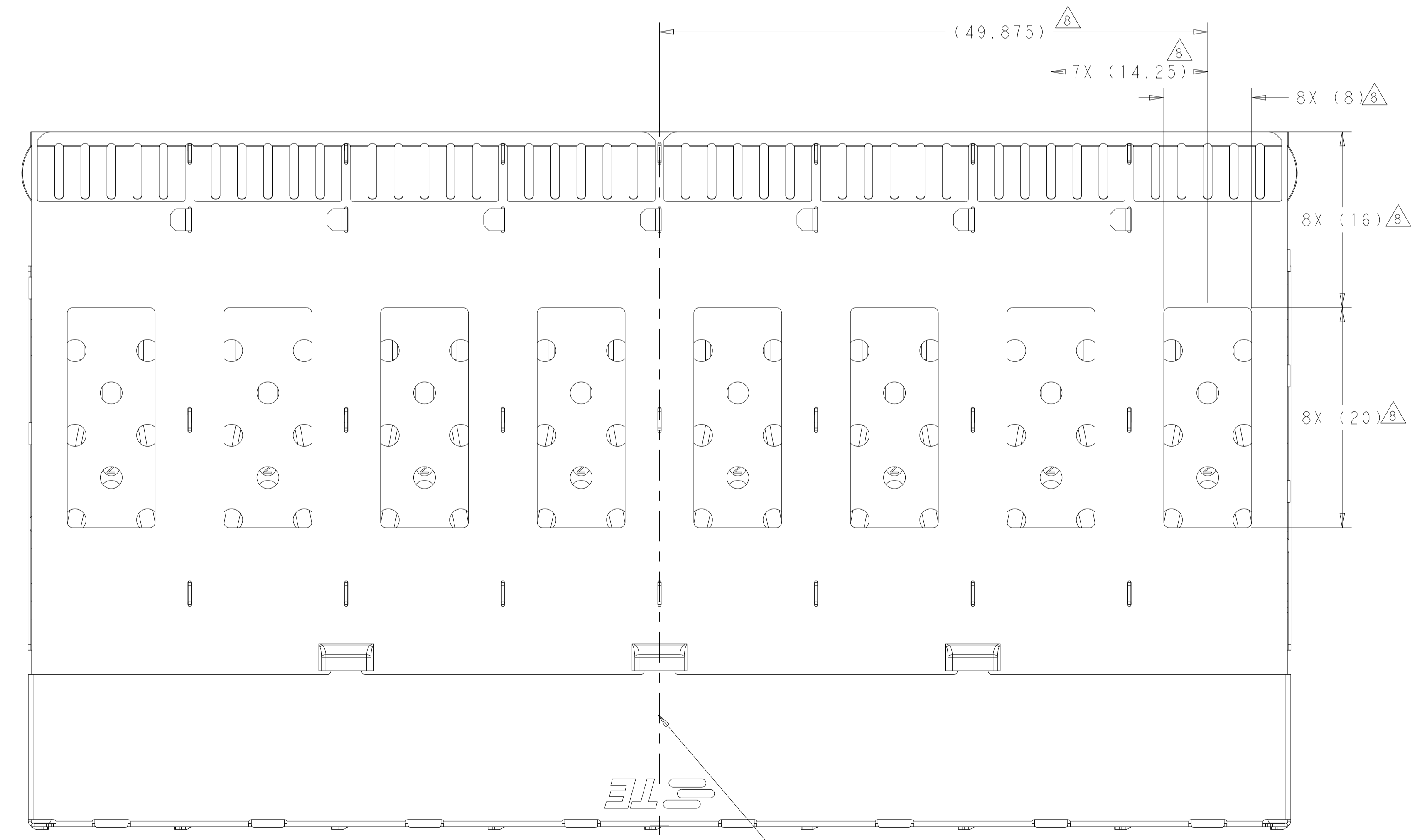
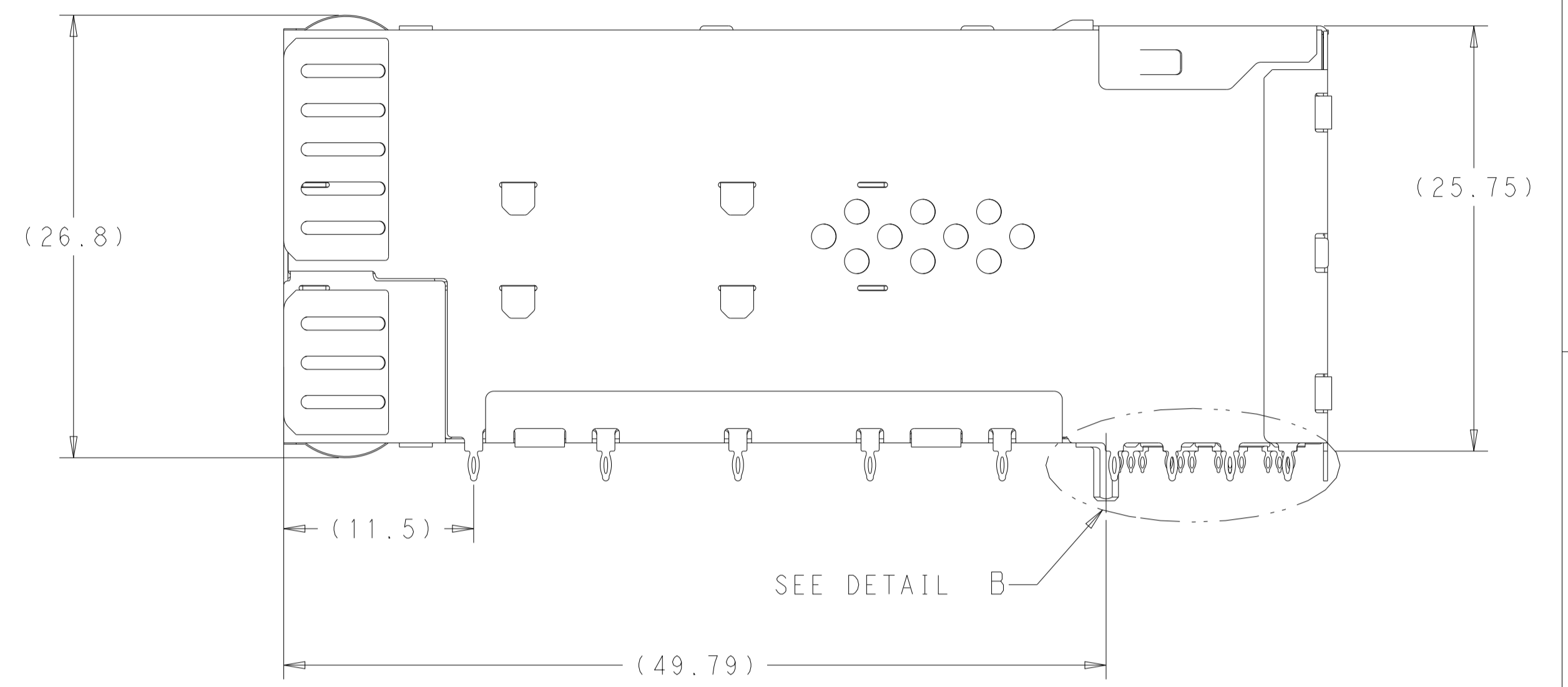
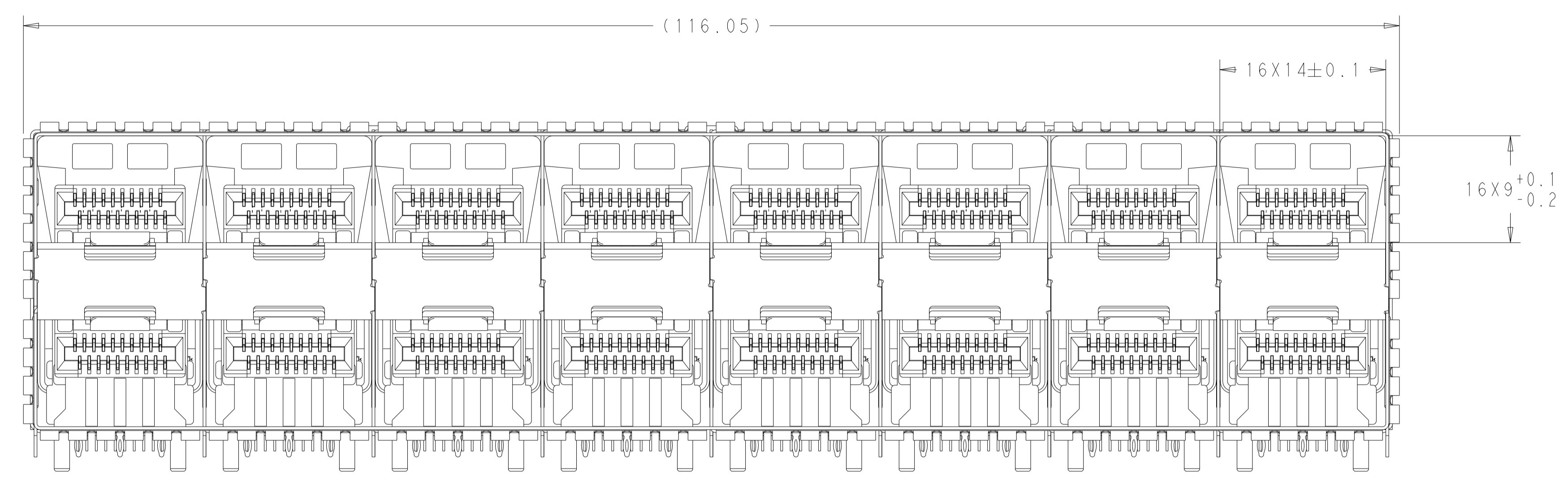
3-2340033-7
 UNMARKED DIMENSIONS
 SAME AS 3-2340033-6



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. WANG 26 JUL 2018	TE Connectivity NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
DIMENSIONS:		CHK S. HAN 26 JUL 2018	
mm		APVD S. HAN 26 JUL 2018	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±° FINISH ±5°		PRODUCT SPEC 108-2481 APPLICATION SPEC 114-13319 WEIGHT -	
MATERIAL SEE NOTES		SIZE CAGE CODE DRAWING NO A1 00779 C=2340033 CUSTOMER DRAWING	
		SCALE 1:1	RESTRICTED TO SHEET 4 OF 8 REV D1

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

SPRING VERSION DIMENSIONS AND SPEC

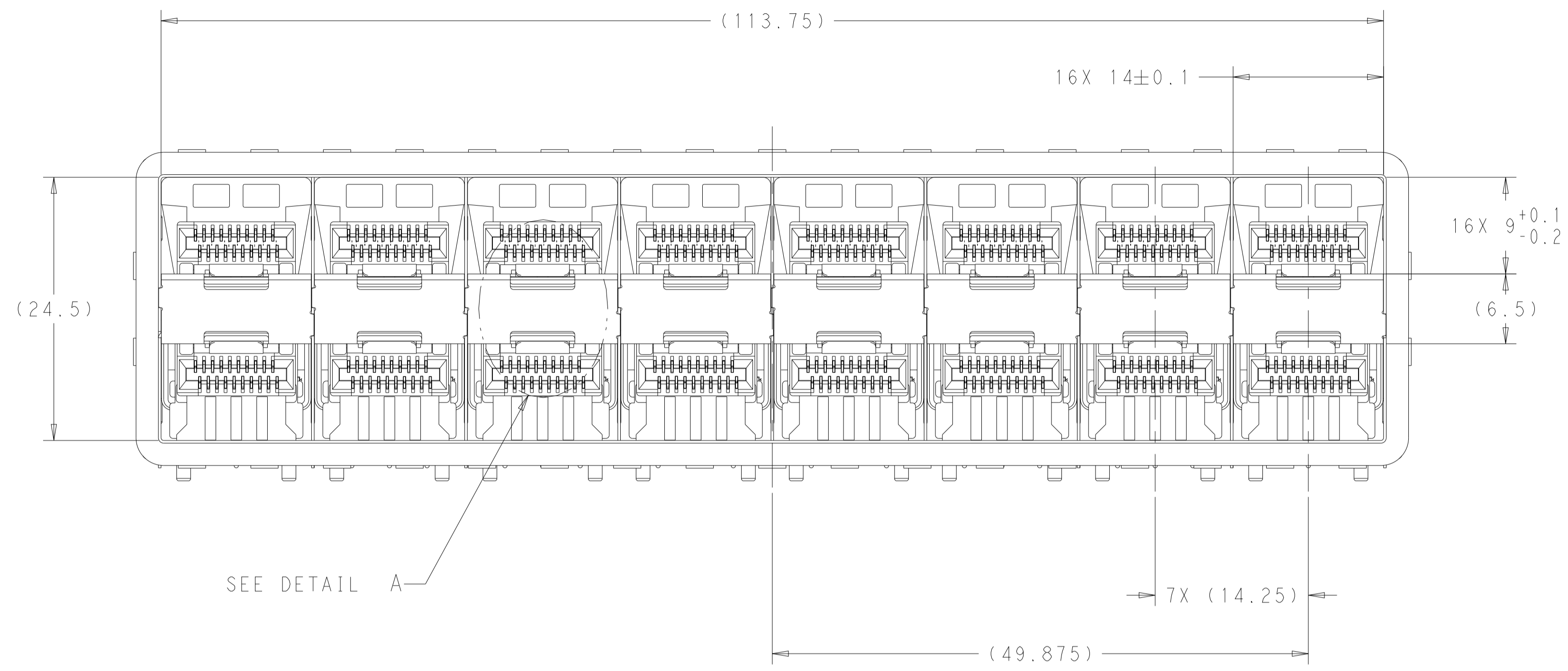


PN 4-2340033-0 ONLY LASER MARK DATE CODE AND PART NUMBER IN APPROXIMATE LOCATION SHOWN

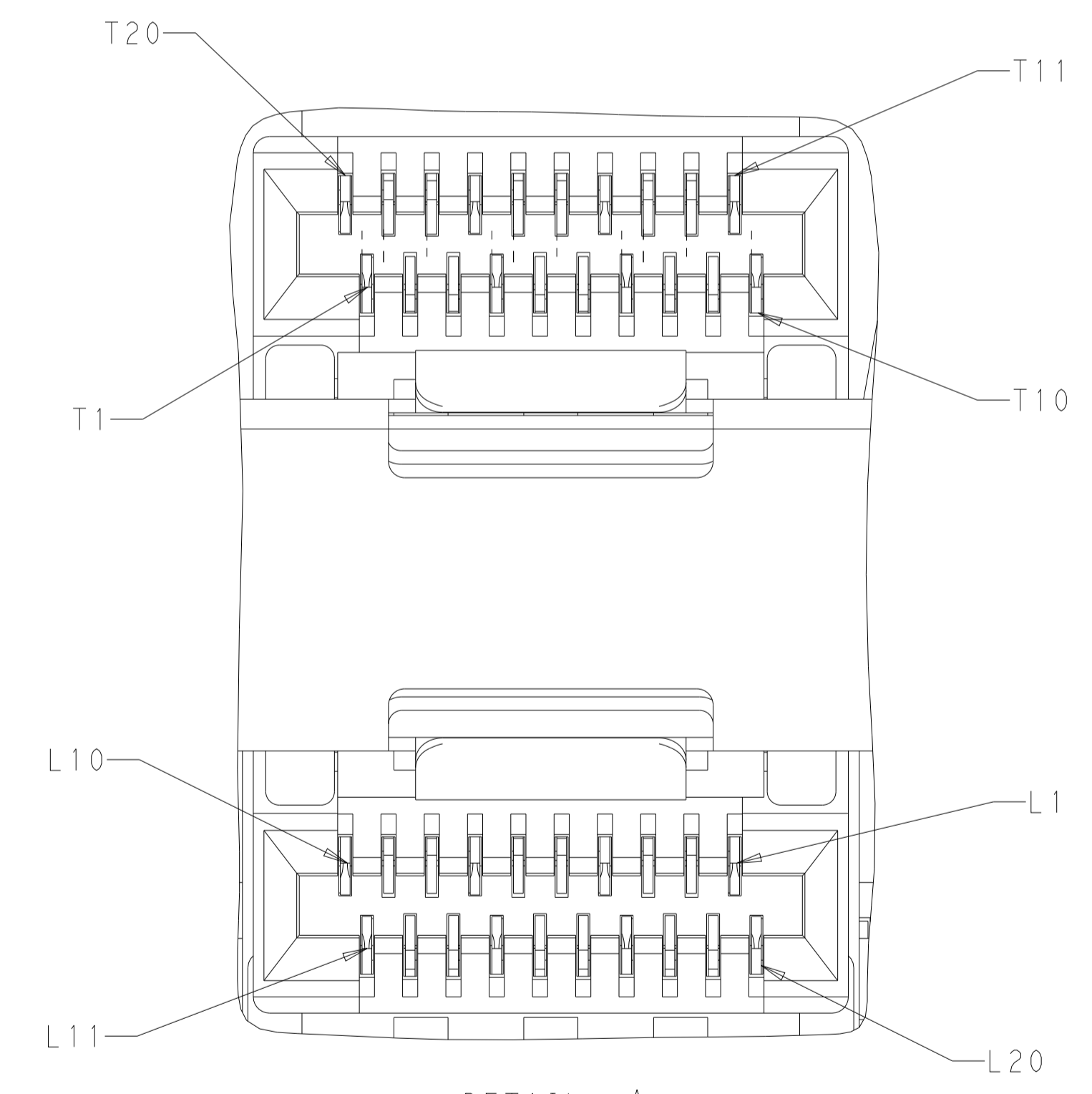
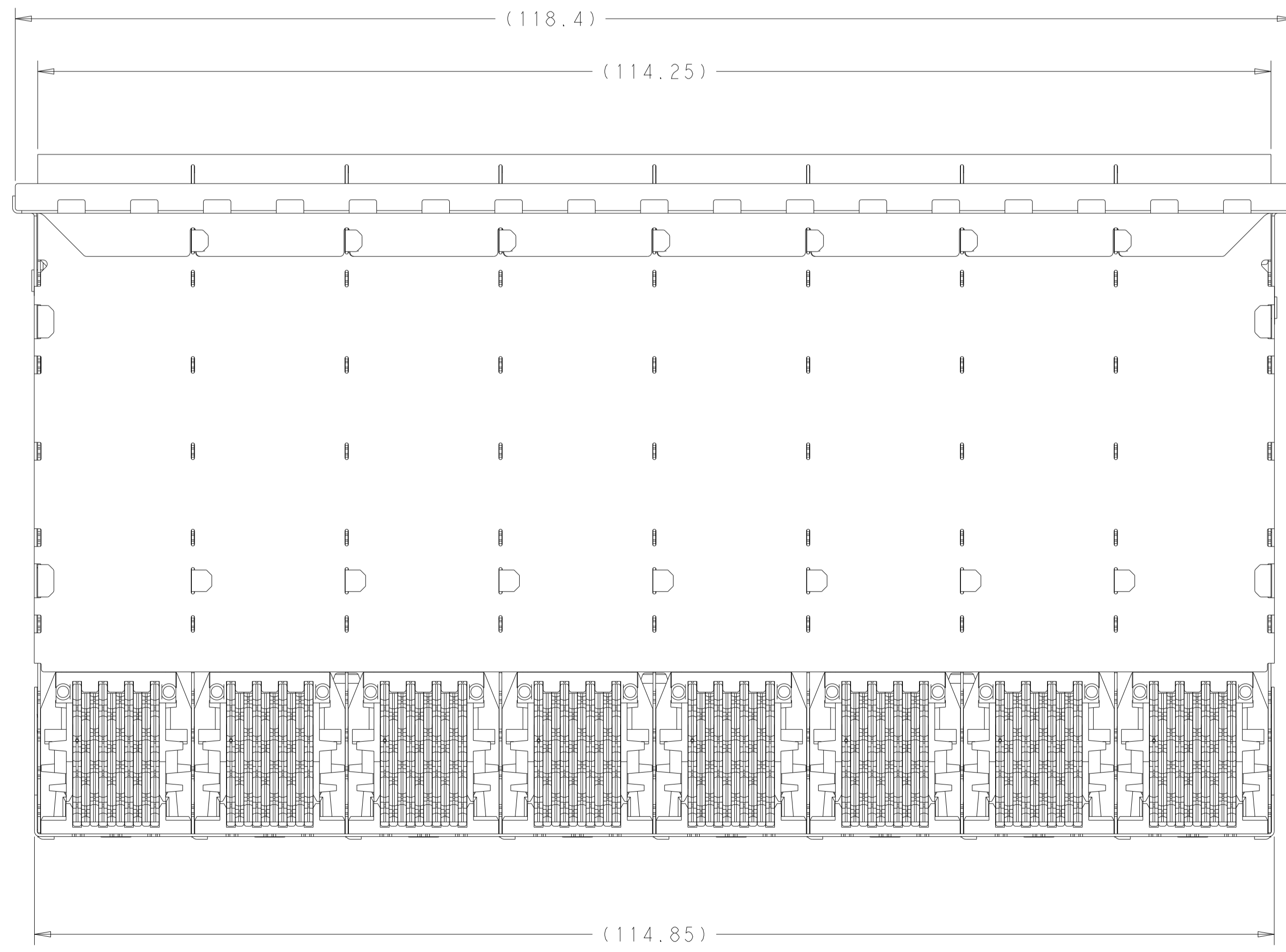
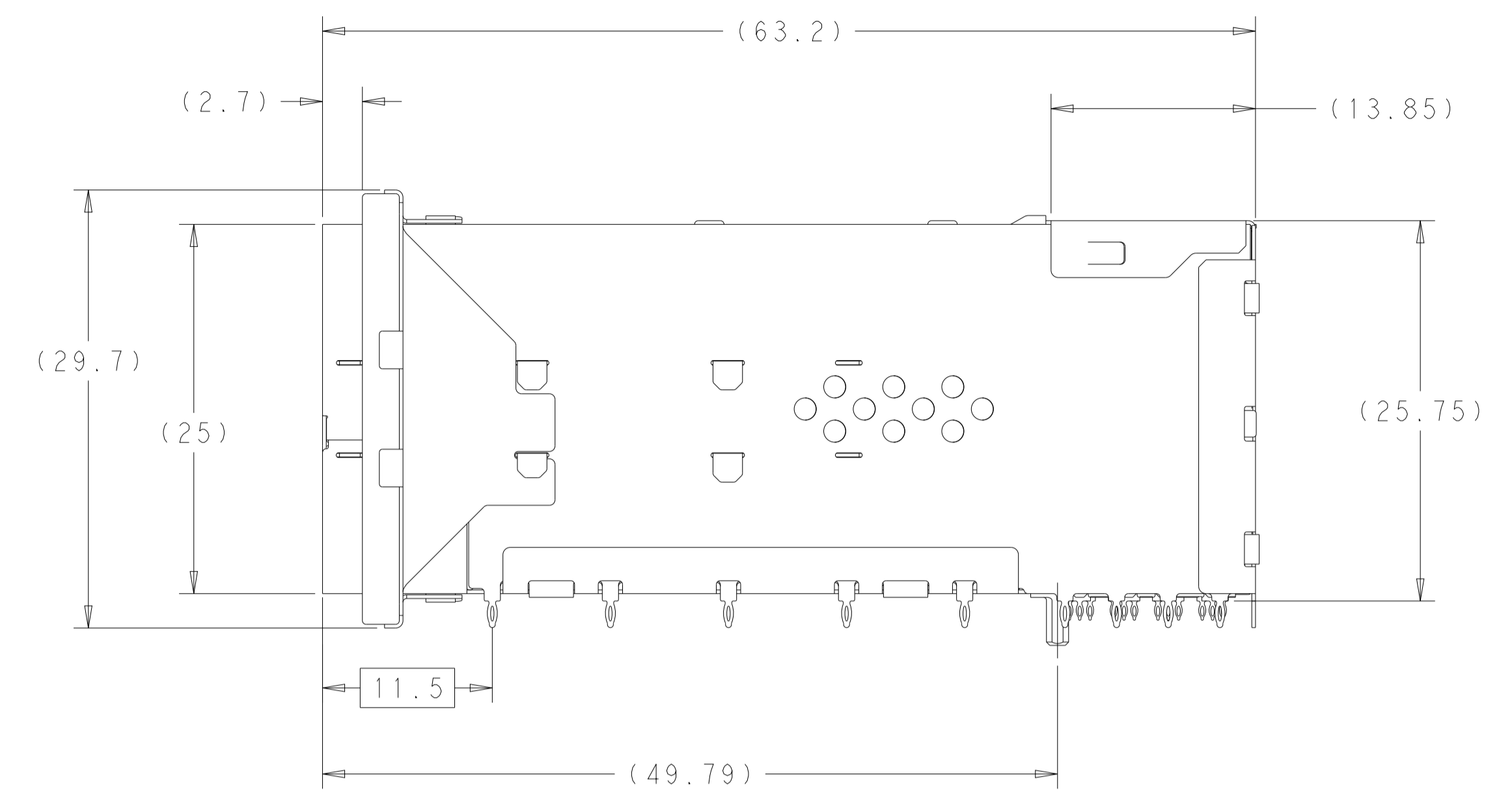
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: J. WANG 26 JUL 2018	TE Connectivity
DIMENSIONS: mm		CHK: S. HAN 26 JUL 2018	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. HAN 26 JUL 2018	NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±° FINISH ±°		PRODUCT SPEC: 108-2481 APPLICATION SPEC: 114-13319	
MATERIAL: SEE NOTES		WEIGHT: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2340033 CUSTOMER DRAWING
		SCALE: 1:1	SHEET: 5 OF 8 REV: D1

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		

GASKET VERSION DIMENSIONS AND SPEC



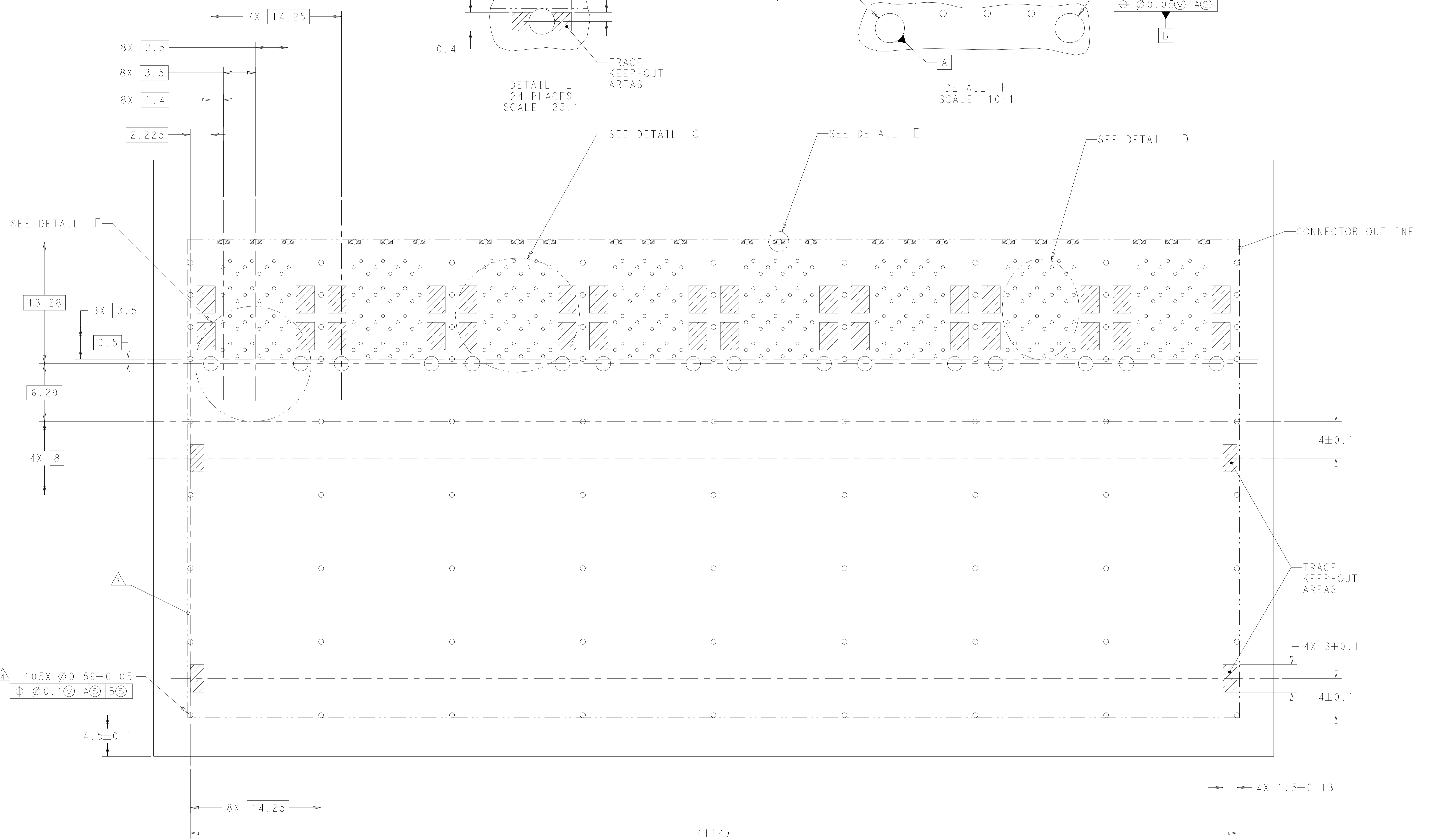
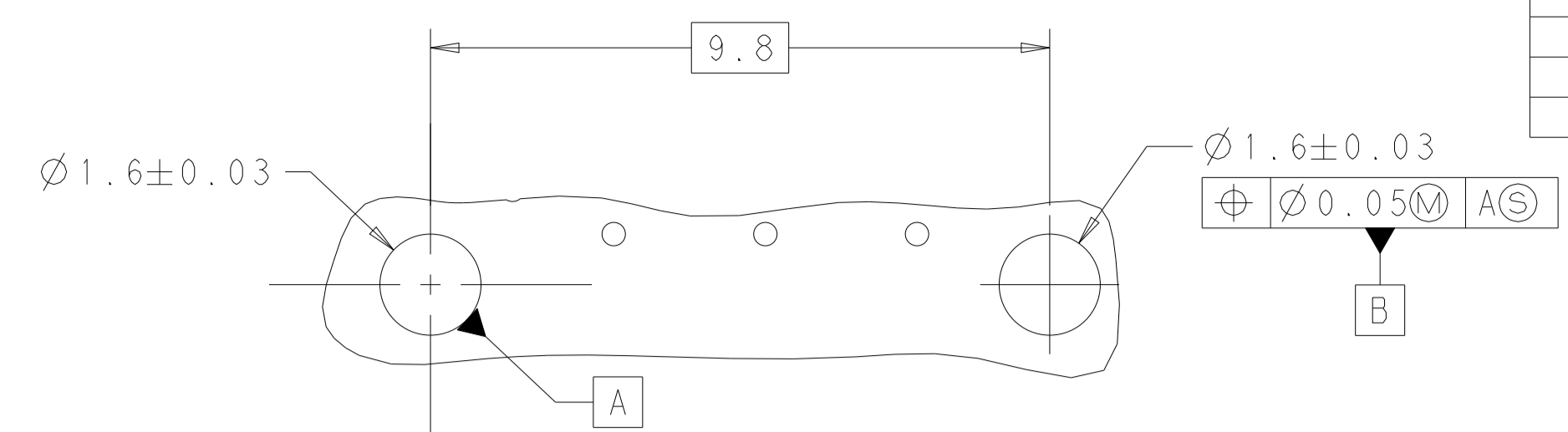
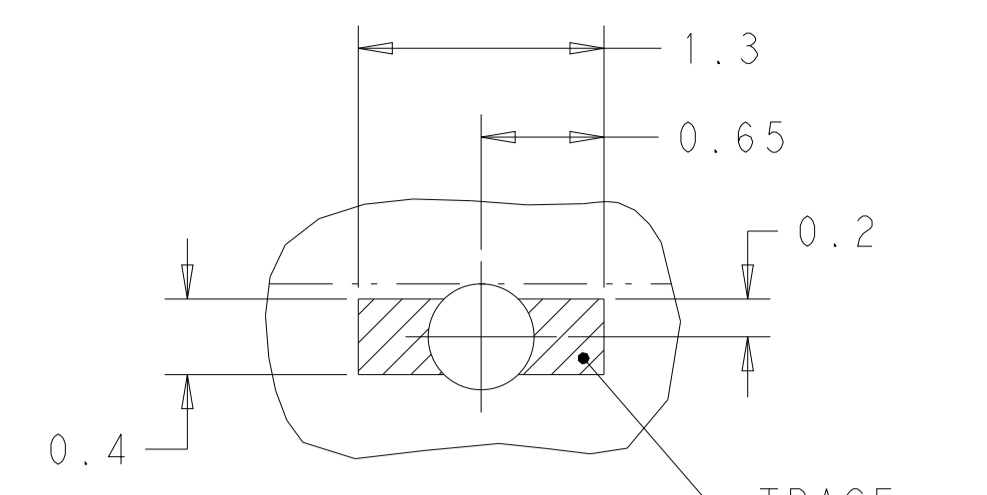
SEE DETAIL A



DETAIL A
 8X INDIVIDUALLY
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN J. WANG 26 JUL 2018	TE Connectivity NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
DIMENSIONS:		CHK S. HAN 26 JUL 2018	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD S. HAN 26 JUL 2018	PRODUCT SPEC
0 PLC	±0.25	108-2481	APPLICATION SPEC
1 PLC	±0.25	114-13319	SIZE
2 PLC	±0.25	WEIGHT	CAGE CODE
3 PLC	±0.25		DRAWING NO
4 PLC	±0.25		RESTRICTED TO
ANGLES	±°		A100779
FINISH	±5°		©=2340033
MATERIAL	SEE NOTES	CUSTOMER DRAWING	SCALE 1:1 SHEET 6 OF 8 REV D1

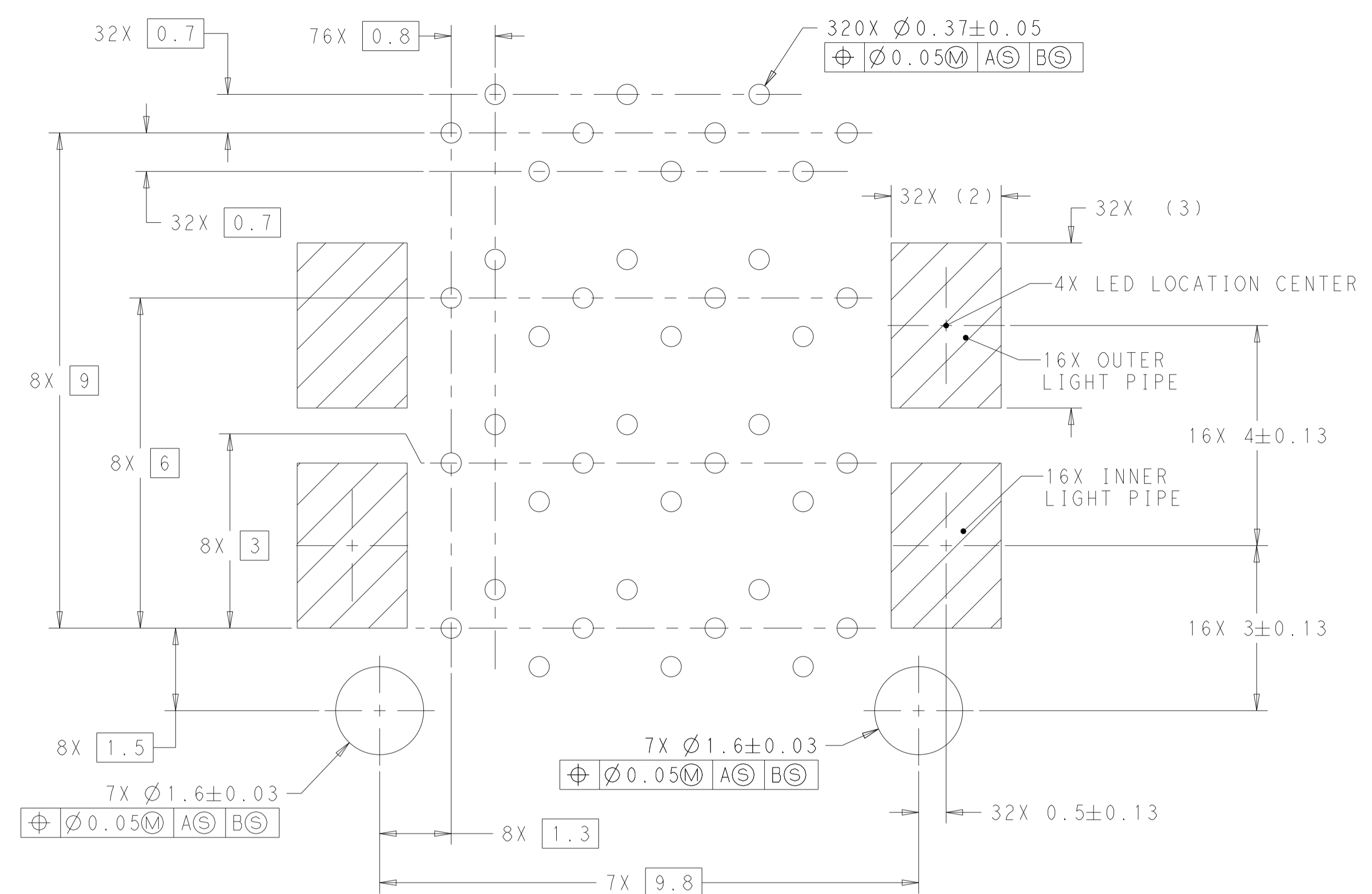
LOC	DIST	REVISIONS					
GP	00	P	LYN	DESCRIPTION	DATE	OWN	APVD
		-	-	SEE SHEET 1	-	-	-



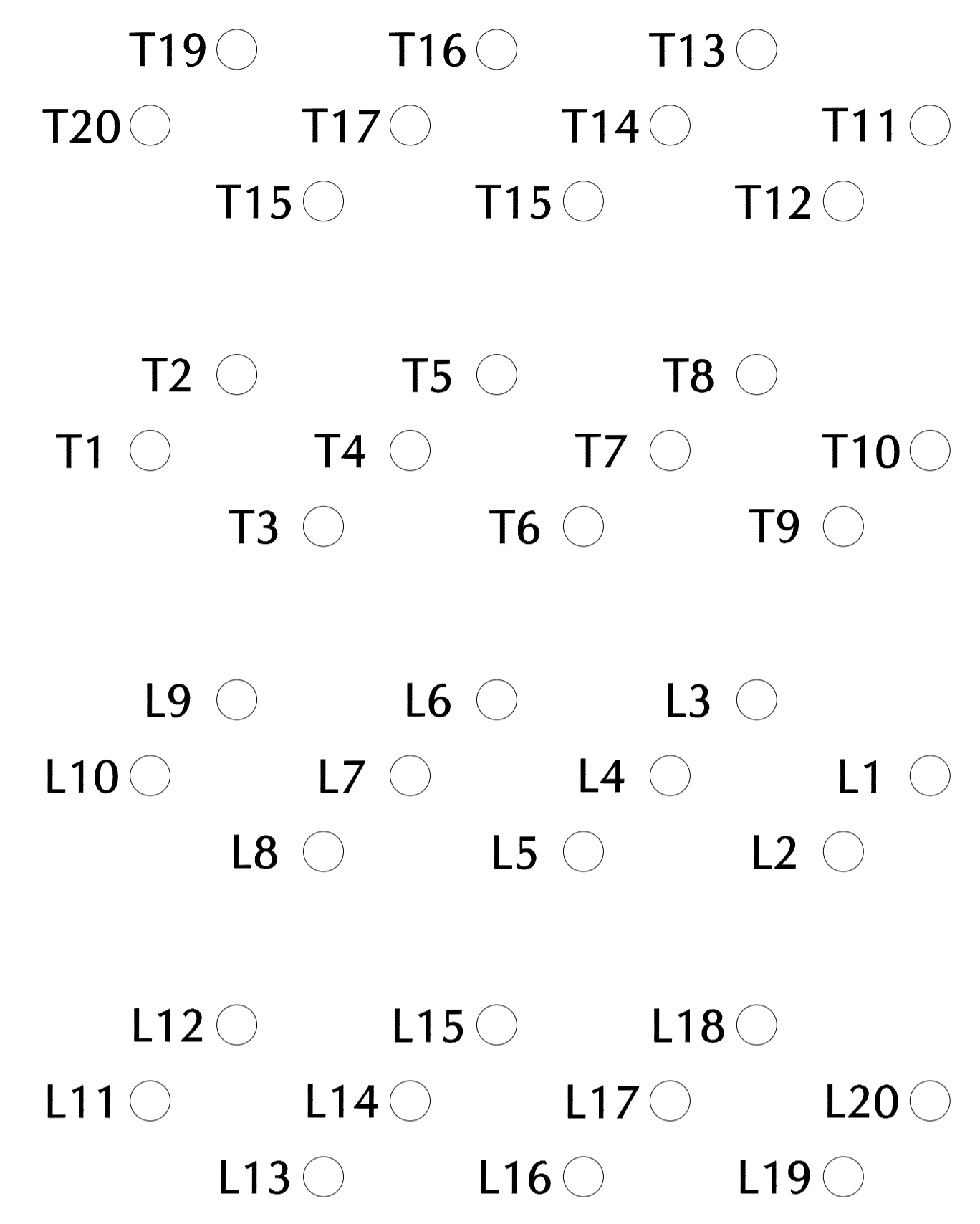
RECOMMENDED PCB LAYOUT
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. WANG	26 JUL 2018	TE Connectivity
DIMENSIONS: mm		CHK S. HAN	26 JUL 2018	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. HAN	26 JUL 2018	NAME RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56
0 PLC ±0.25		PRODUCT SPEC	108-2481	
1 PLC ±0.25		APPLICATION SPEC	114-13319	SIZE CAGE CODE DRAWING NO A1 00779 C=2340033
2 PLC ±0.25		RESTRICTED TO	-	
3 PLC ±0.25		WEIGHT	-	SCALE 1:1 SHEET 7 OF 8 REV D1
4 PLC ±0.25		CUSTOMER DRAWING	-	
ANGLES ±°				
FINISH SEE NOTES				

LOC	DIST	REV	DESCRIPTION	DATE	OWN	APVD
GP	00		SEE SHEET 1			

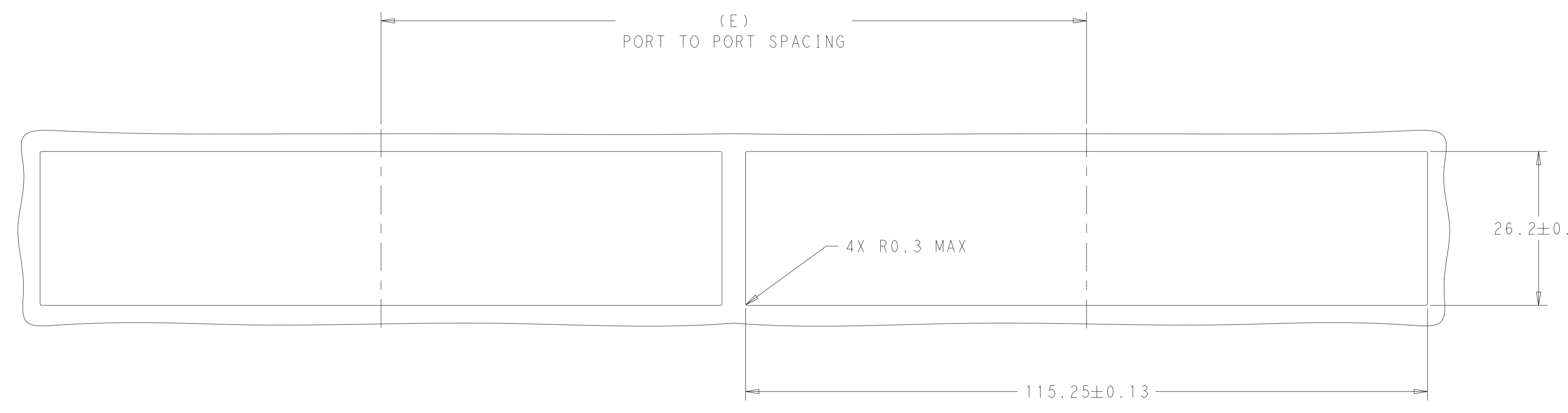


DETAIL C
RECOMMENDED PIN AND LIGHT PIPE LAYOUT
SCALE 15:1

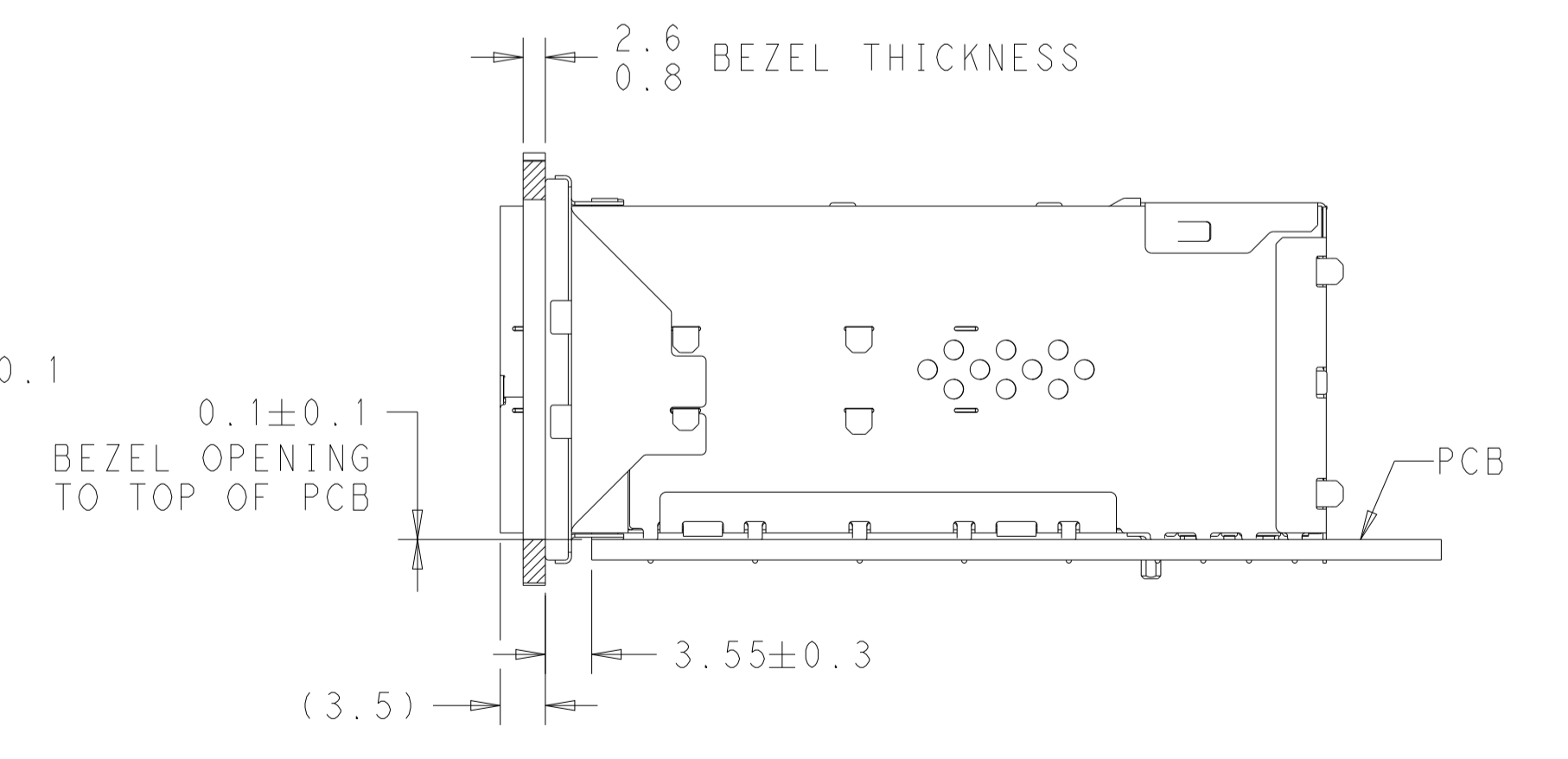


PIN MAP LEGEND	
PIN NUMBER	FUNCTION
L1/T1	VEET
L2/T2	TX-FAULT
L3/T3	TX-DISABLE
L4/T4	SDA
L5/T5	SCL
L6/T6	MOD_ABS
L7/T7	RSO
L8/T8	RX_LOS
L9/T9	RS1
L10/T10	VEER
L11/T11	VEER
L12/T12	RD-
L13/T13	RD+
L14/T14	VEER
L15/T15	VCCR
L16/T16	VCCT
L17/T17	VEET
L18/T18	TD+
L19/T19	TD-
L20/T20	VEET

DETAIL D
PIN MAP
8X PLACES
SCALE 20:1



RECOMMENDED BEZEL CUT-OUT DETAIL
SCALE 2:1



RECOMMENDED BEZEL LOCATION WITH EMI GASKET
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: J. WANG 26 JUL 2018	TE Connectivity
DIMENSIONS: mm		CHK: S. HAN 26 JUL 2018	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. HAN 26 JUL 2018	NAME: RECEPTACLE ASSEMBLY, 2X8, STACKED, SFP56 PRODUCT SPEC: 108-2481 APPLICATION SPEC: 114-13319
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±° FINISH ±#		SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2340033	
MATERIAL: SEE NOTES		WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 1:1	SHEET: 8 OF 8 REV: D1

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[E04-4020](#) [ZPF000000000097891](#) [557-262M2-06C](#) [747360449](#) [10099439-003C-TRLF](#) [10137239-0021LF](#) [E9320-001-01](#)