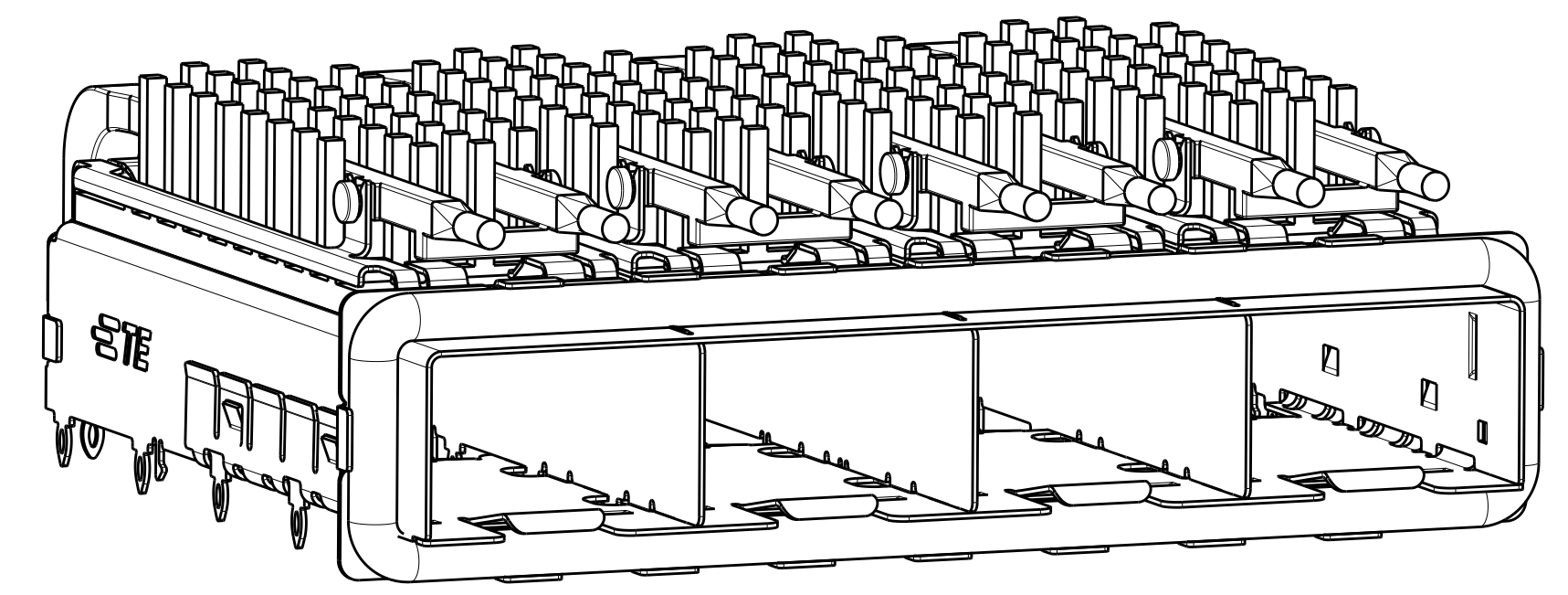


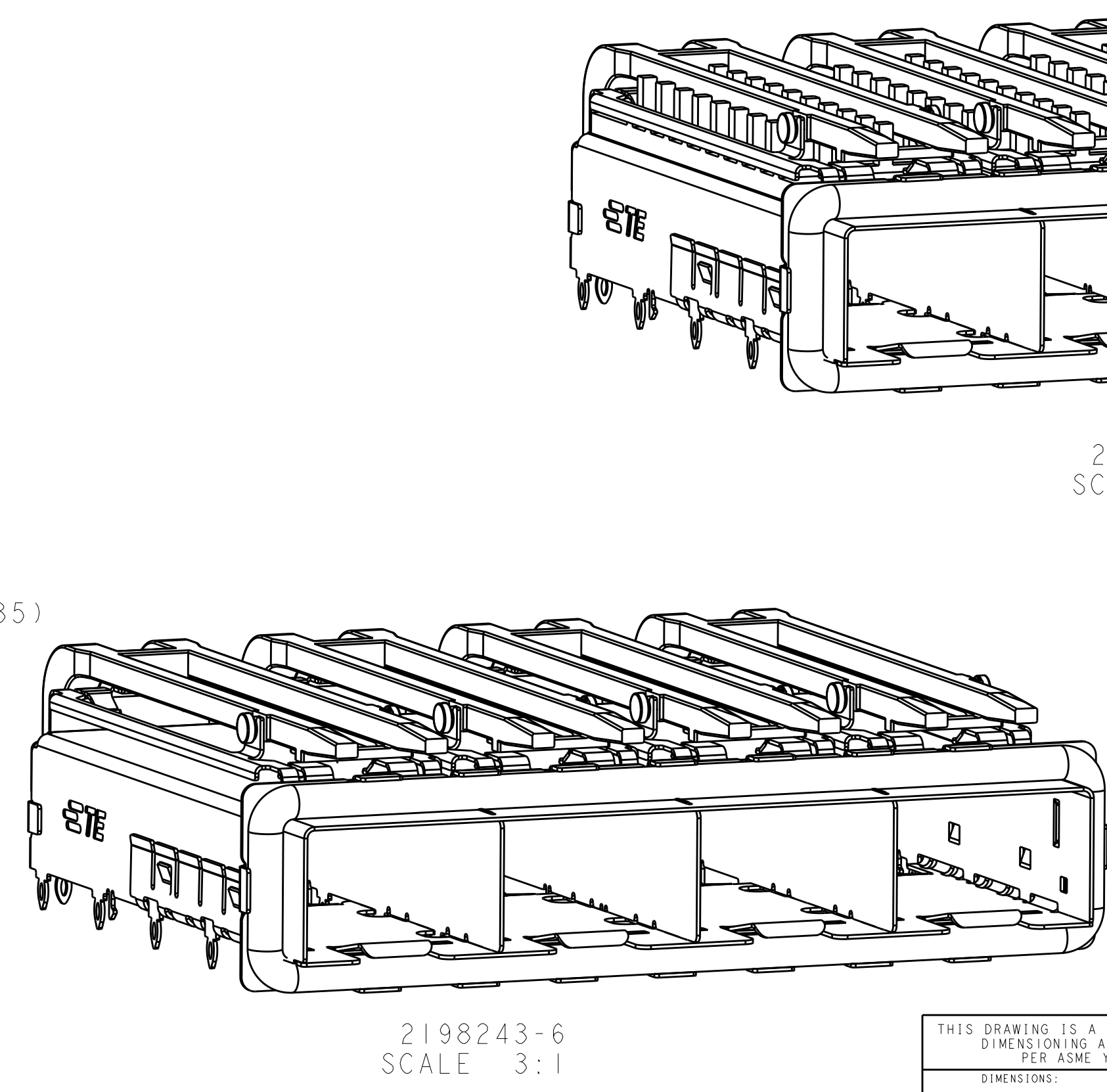
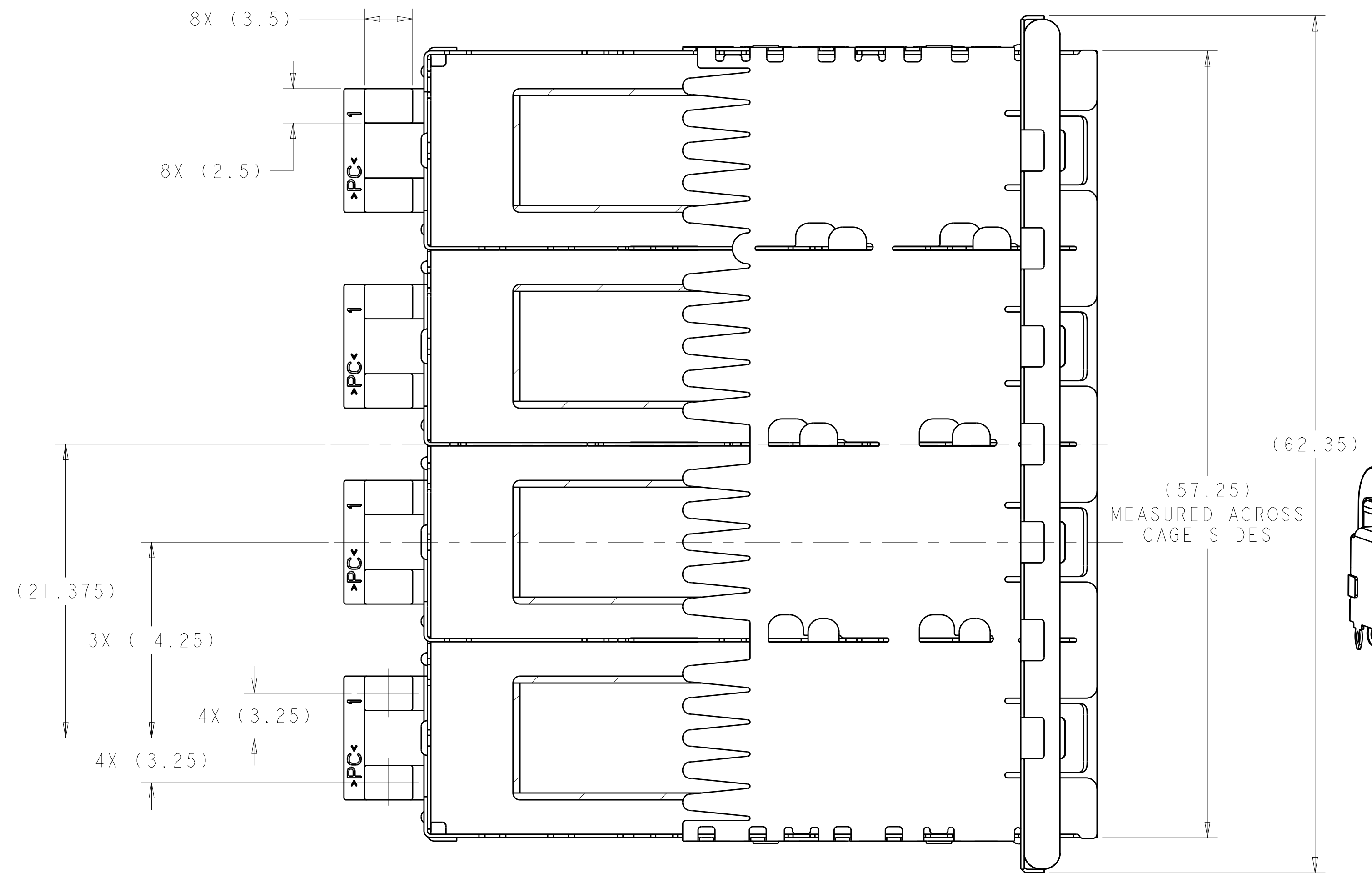
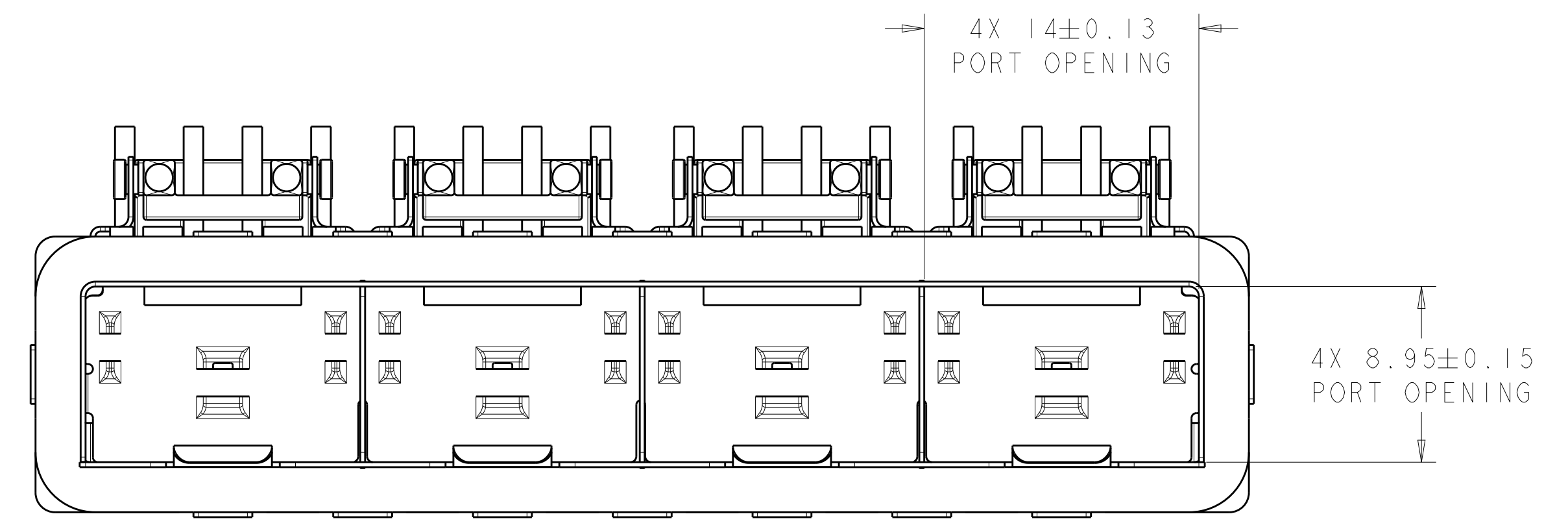
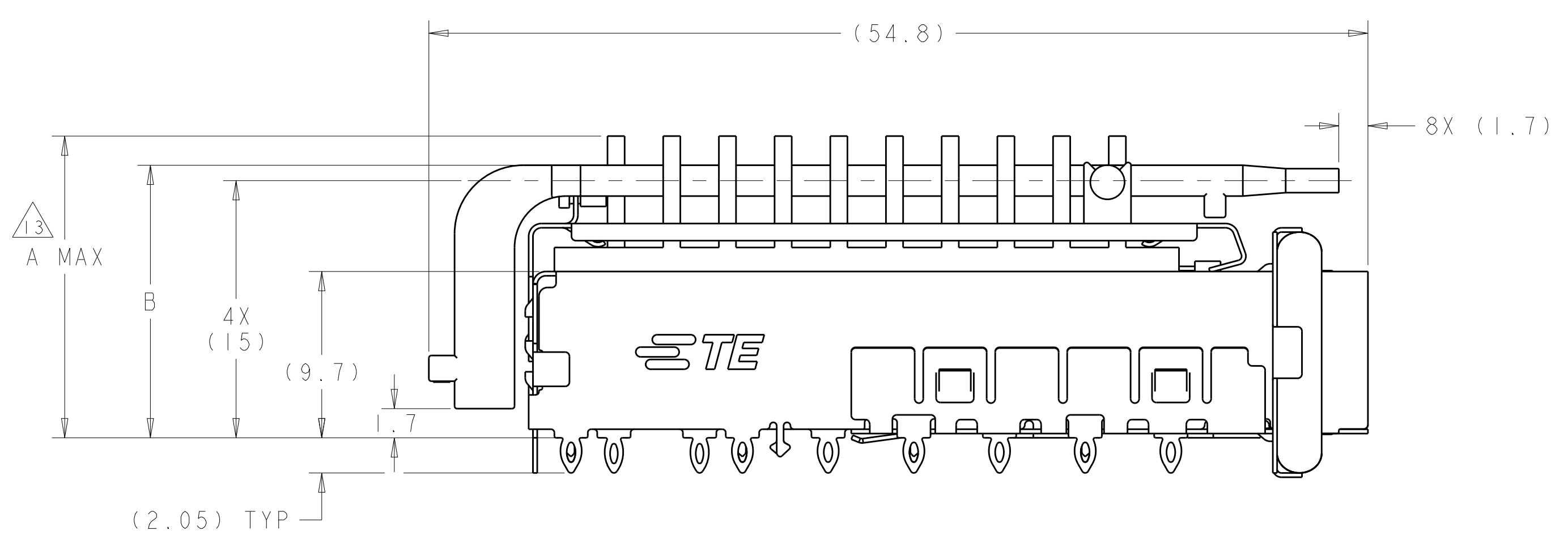
LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		B		REVISED PER ECO-13-003777	18MAR2013	CJV	MRS
		B1		ADD 2198243-5	4JUN2015	RG	SH
		B2		UPDATE TOTAL HEIGHT OF -5	9JUN2015	RG	SH
		B3		REVISED PER ECO-15-009468	17JUN2015	RG	SH



2198243-3  
 FINISHED ASSEMBLY  
 SCALE 3:1

- 1 MATERIAL:  
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY  
 GASKET RETENTION PLATE: STAINLESS STEEL  
 EMI GASKET: PLATED FILLED SILICONE  
 HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL  
 HEATSINK: ALUMINUM  
 LIGHTPIPE: POLYCARBONATE, CLEAR
- 2 FINISH:  
 HEATSINK: ELECTROLEISS NICKEL  
 HEATSINK/LIGHTPIPE CLIP: PASSIVATE
- 3 PADS AND VIAS CHASSIS GROUND.
- 4 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 5 MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 6 INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

- 10 MINIMUM PC BOARD THICKNESS:  
 SINGLE SIDED: 1.5mm
- 11 CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.
- 12 PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 14 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.
- 15 PACKAGED AS A COMPLETE ASSEMBLY.



2198243-6  
 SCALE 3:1

B	A MAX	APPLICATION	PART NUMBER
15.3	N/A	NO HEAT SINK	2198243-6
15.3	14.9	SAN	2198243-5
15.9	22.5	NETWORKING, TALL	2198243-4
15.9	18.1	NETWORKING, SHORT	2198243-3
15.9	15.5	SAN	2198243-2
15.9	13.2	PCI	2198243-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009. TOLERANCES UNLESS OTHERWISE SPECIFIED:

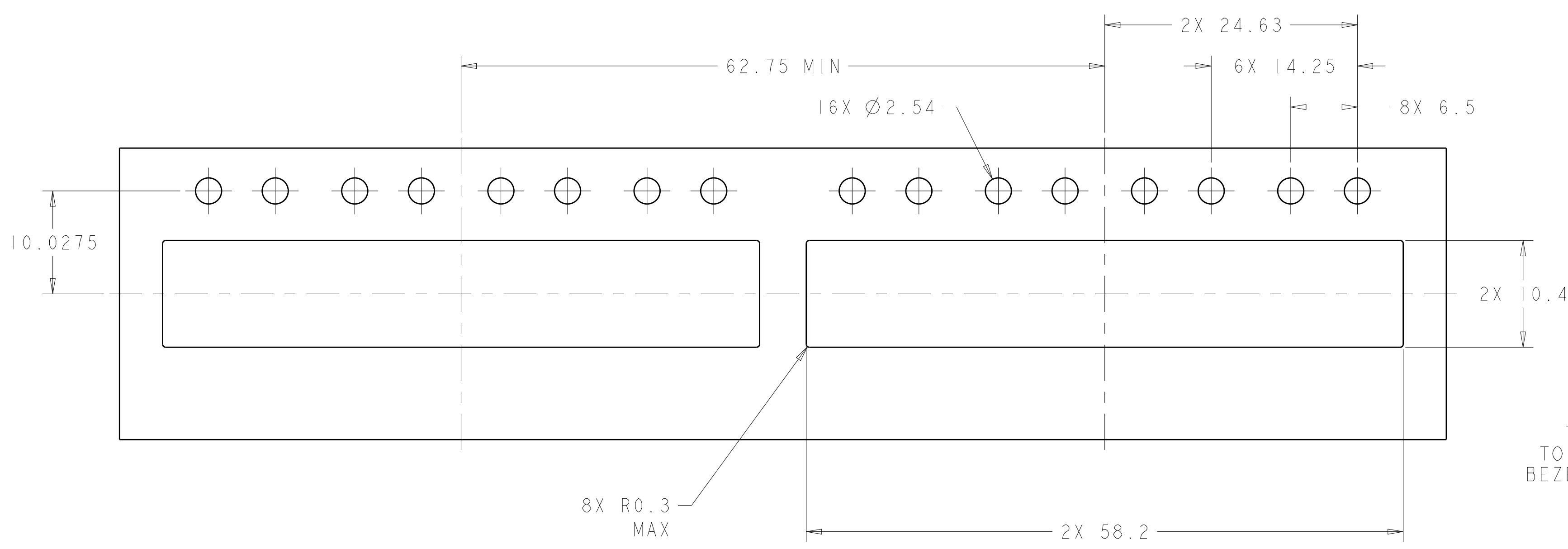
DIMENSIONS:	mm	0 PLC ±0.1	1 PLC ±0.1	2 PLC ±0.1	3 PLC ±0.1	4 PLC ±0.1	ANGLES ±0.1	FINISH ±1°
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MATERIAL: FINISH:

DWN	B. MATTHEWS	20OCT2011
CHK	M. SCHMITT	20OCT2011
APVD	M. SCHMITT	20OCT2011
NAME	SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
PRODUCT SPEC	108-2364	
APPLICATION SPEC	114-13120	
SIZE	CAGE CODE	DRAWING NO
A1	00779	2198243
Customer Drawing	SCALE 4:1	SHEET 1 OF 4

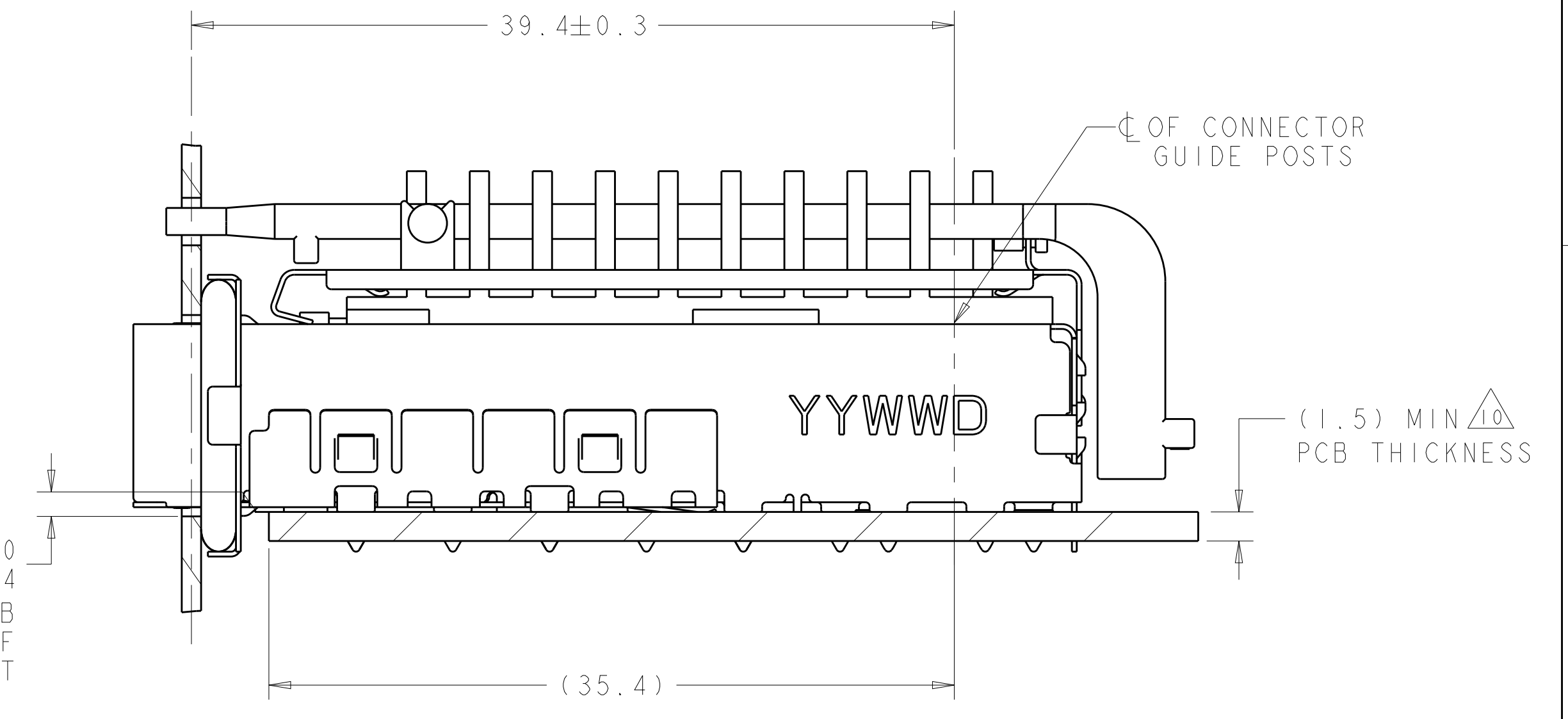
Customer Drawing SCALE 4:1 SHEET 1 OF 4 REV B3

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

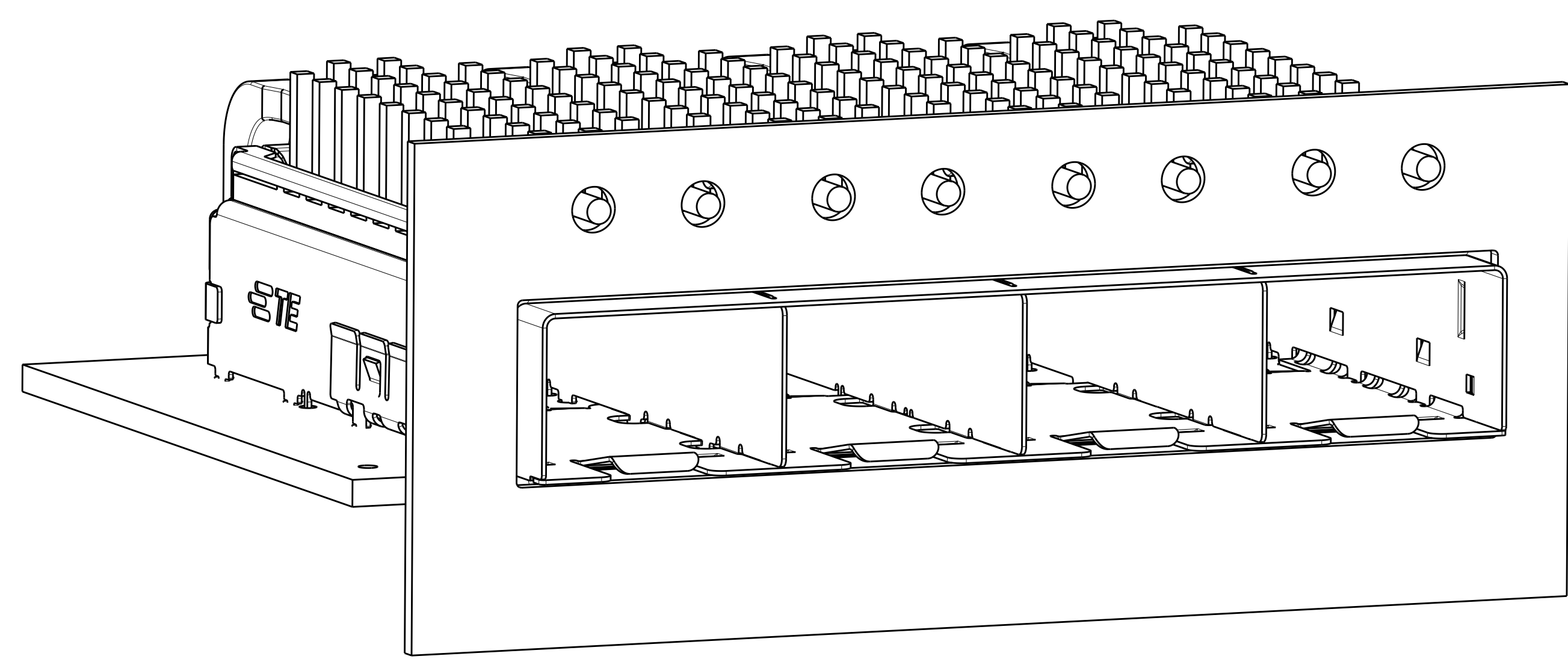


RECOMMENDED BEZEL CUT-OUT  
 SINGLE SIDED APPLICATIONS  
 SCALE 3:1

0.23<sup>+0.10</sup><sub>-0.14</sub>  
 TOP OF PCB  
 TO INSIDE OF  
 BEZEL CUT-OUT



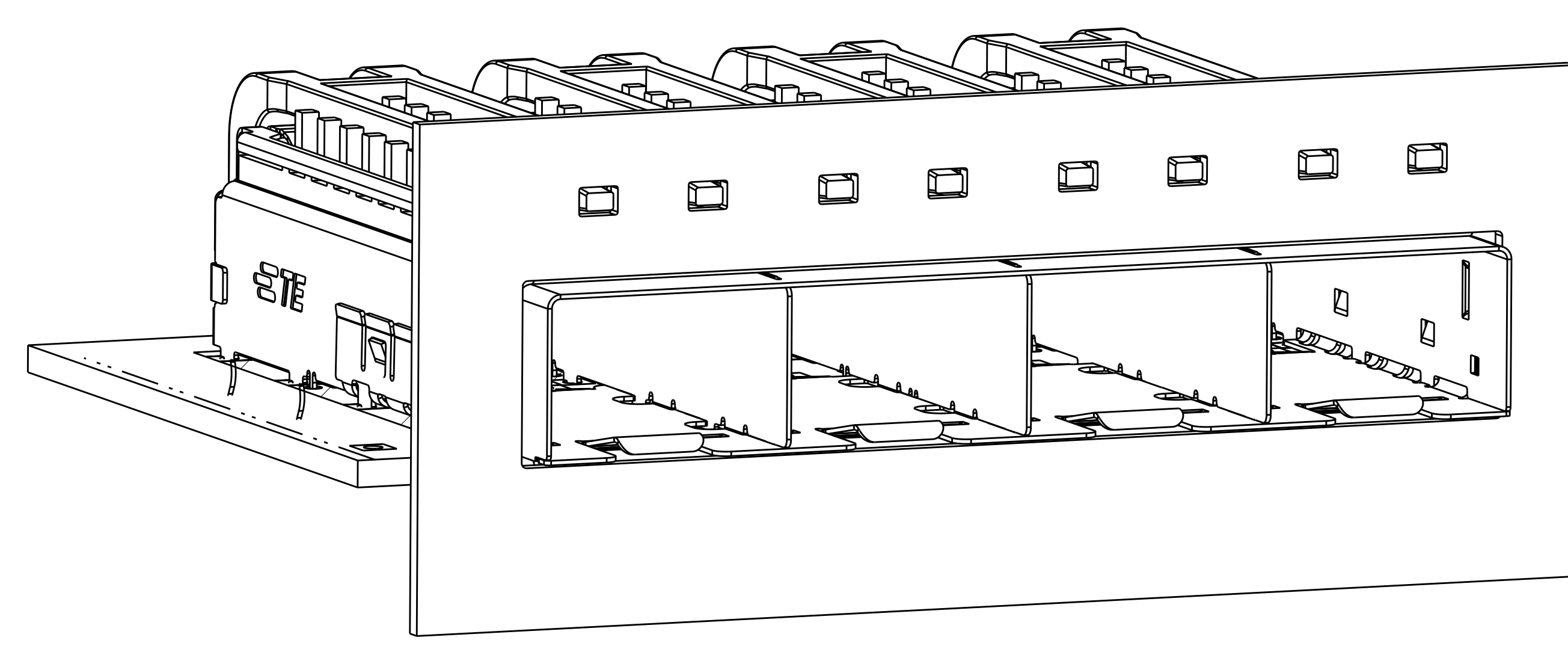
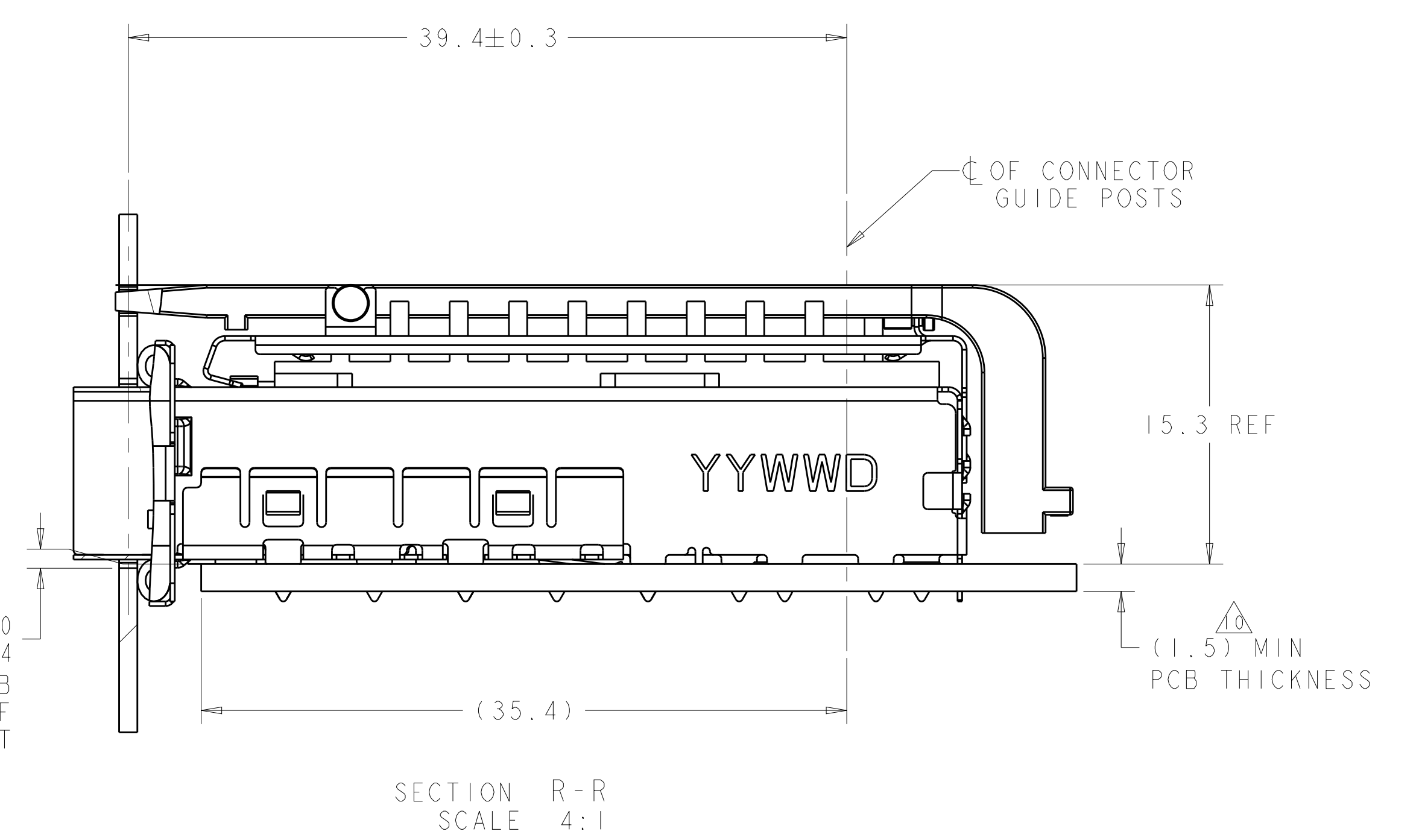
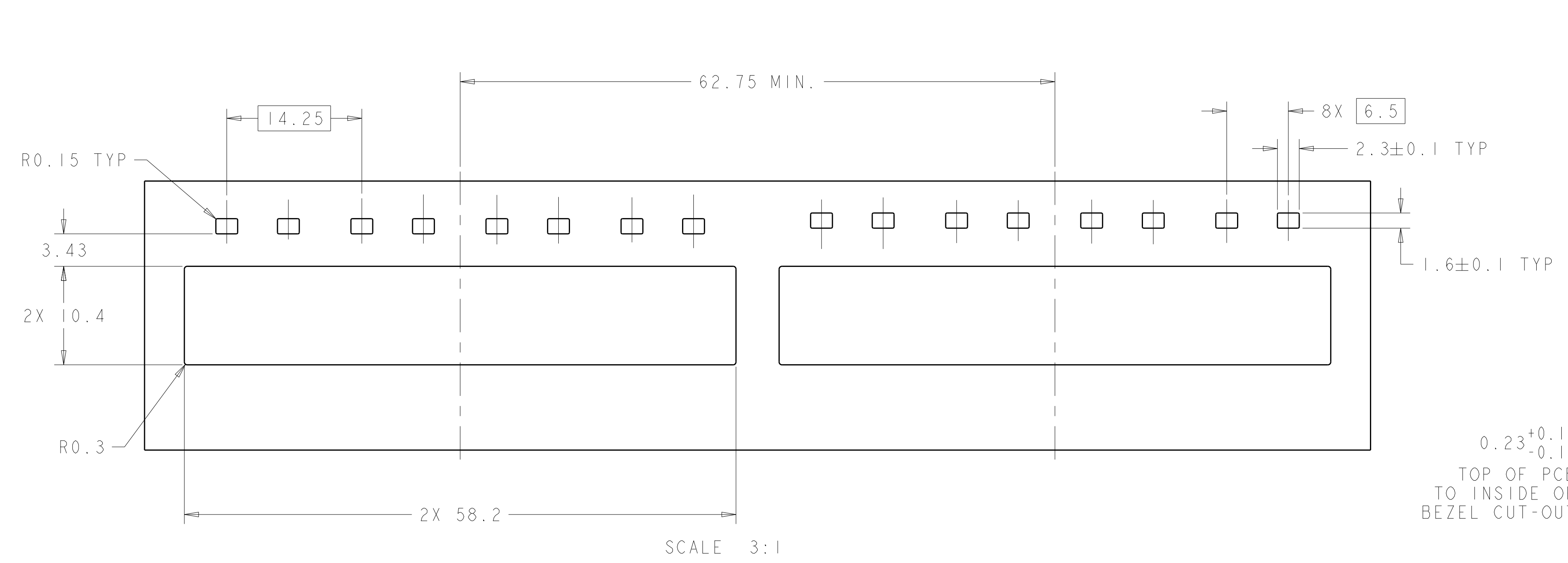
2198243  
 MOUNTED ON PCB  
 SHOWN THRU RECOMMENDED BEZEL



2198243  
 MOUNTED ON PCB  
 SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DMN: B. MATTHEWS 20OCT2011 CHK: M. SCHMITT 20OCT2011 APVD: M. SCHMITT 20OCT2011	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC: 108-2364	NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°	APPLICATION SPEC: 114-13120	SIZE: A1	CAGE CODE: 00779
MATERIAL:	FINISH:	WEIGHT:	DRAWING NO: 2198243	
Customer Drawing		SCALE: 4:1	SHEET: 2 OF 4	REV: B3

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
-	-	SEE SHEET 1	-	-	-



2198243-5  
 MOUNTED ON PCB  
 SHOWN THRU RECOMMENDED BEZEL  
 SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 20OCT2011 CHK M. MATTHEWS 20OCT2011 APVD M. SCHMITT 20OCT2011	<b>STE</b> TE Connectivity	
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120	SIZE A1 CAGE CODE C=2198243	RESTRICTED TO SCALE 4:1 SHEET 3 OF 4 REV B3
MATERIAL FINISH		WEIGHT	Customer Drawing	