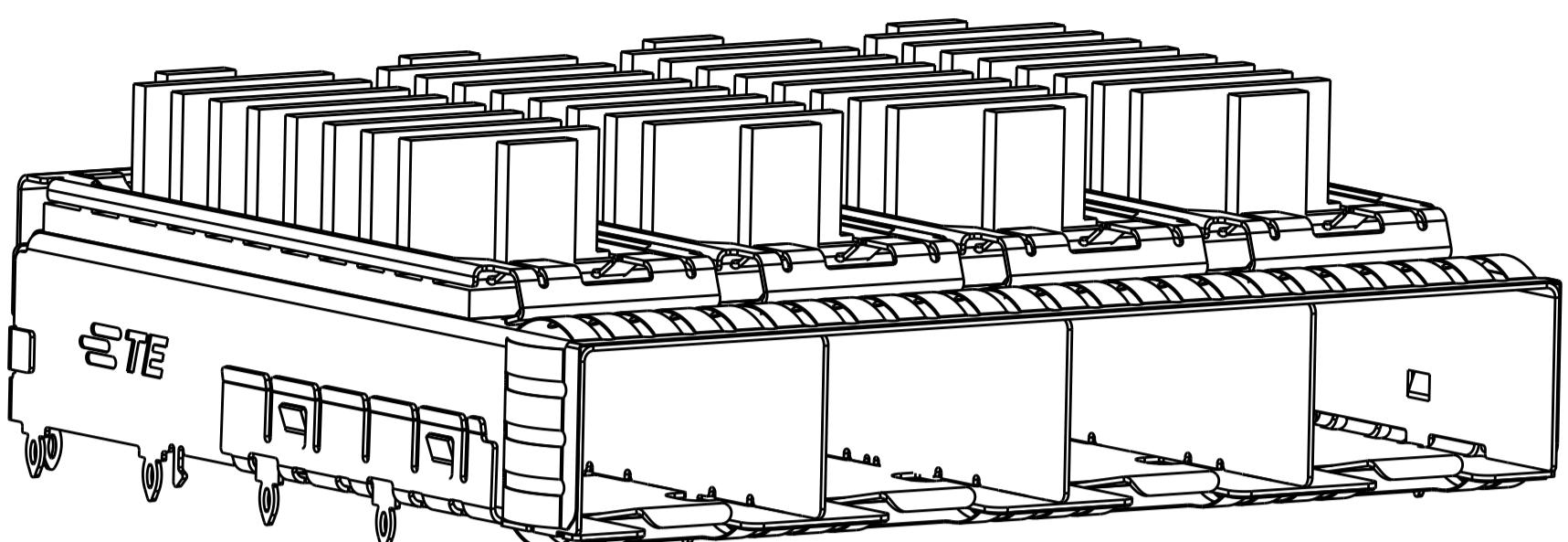
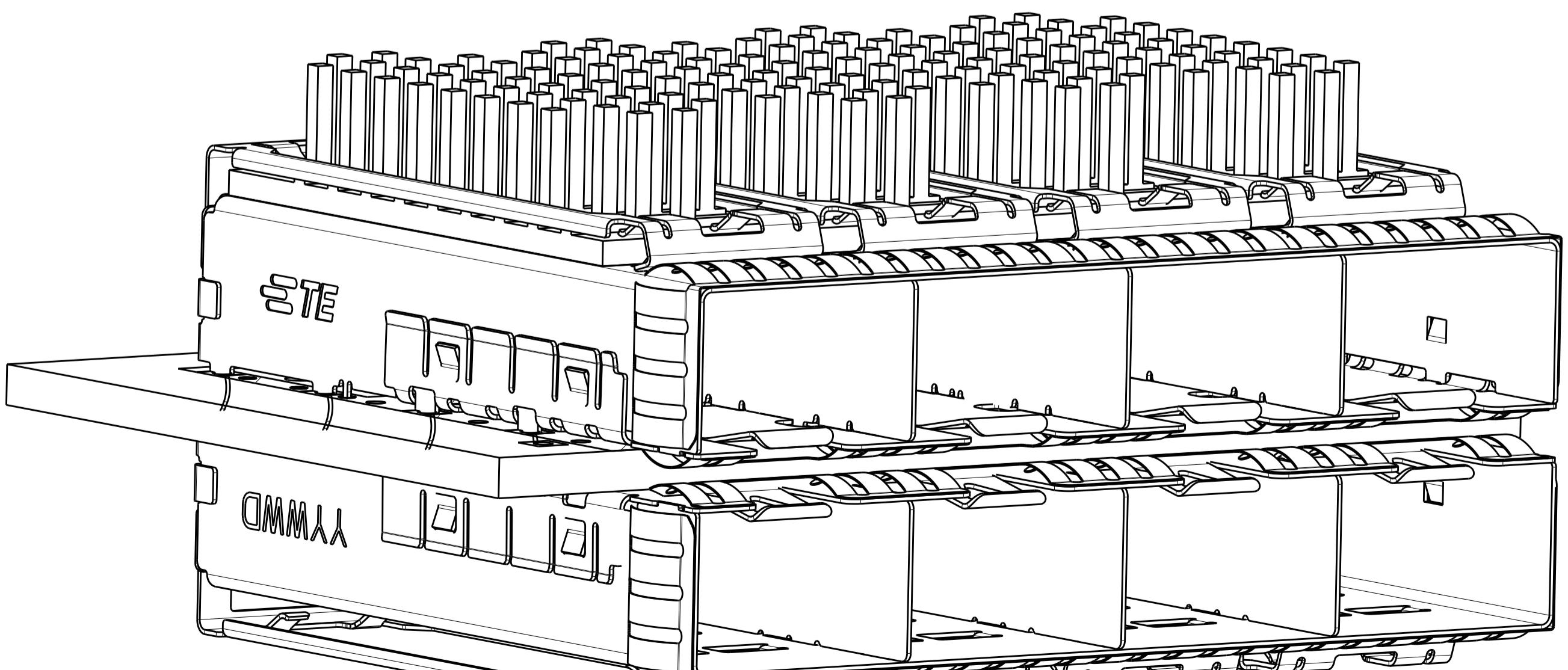
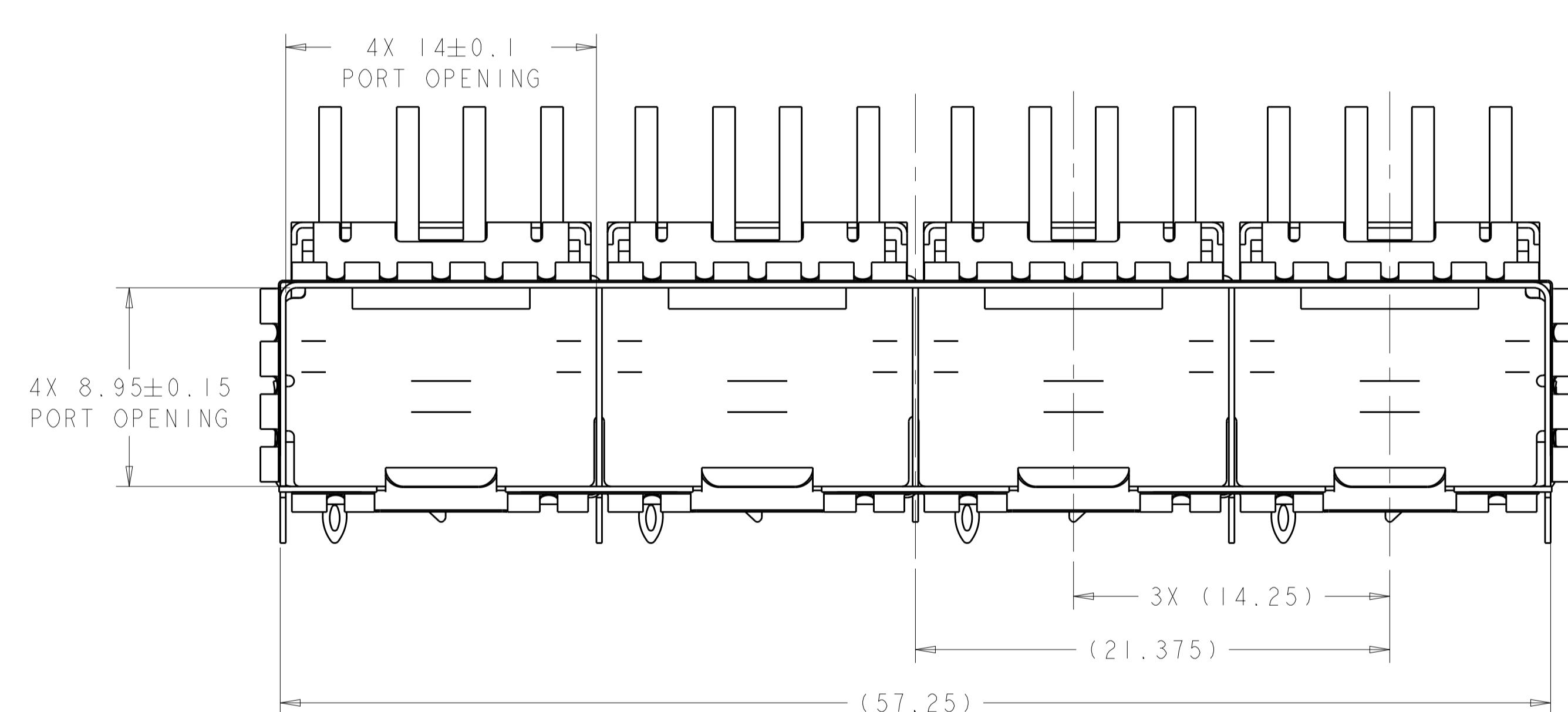
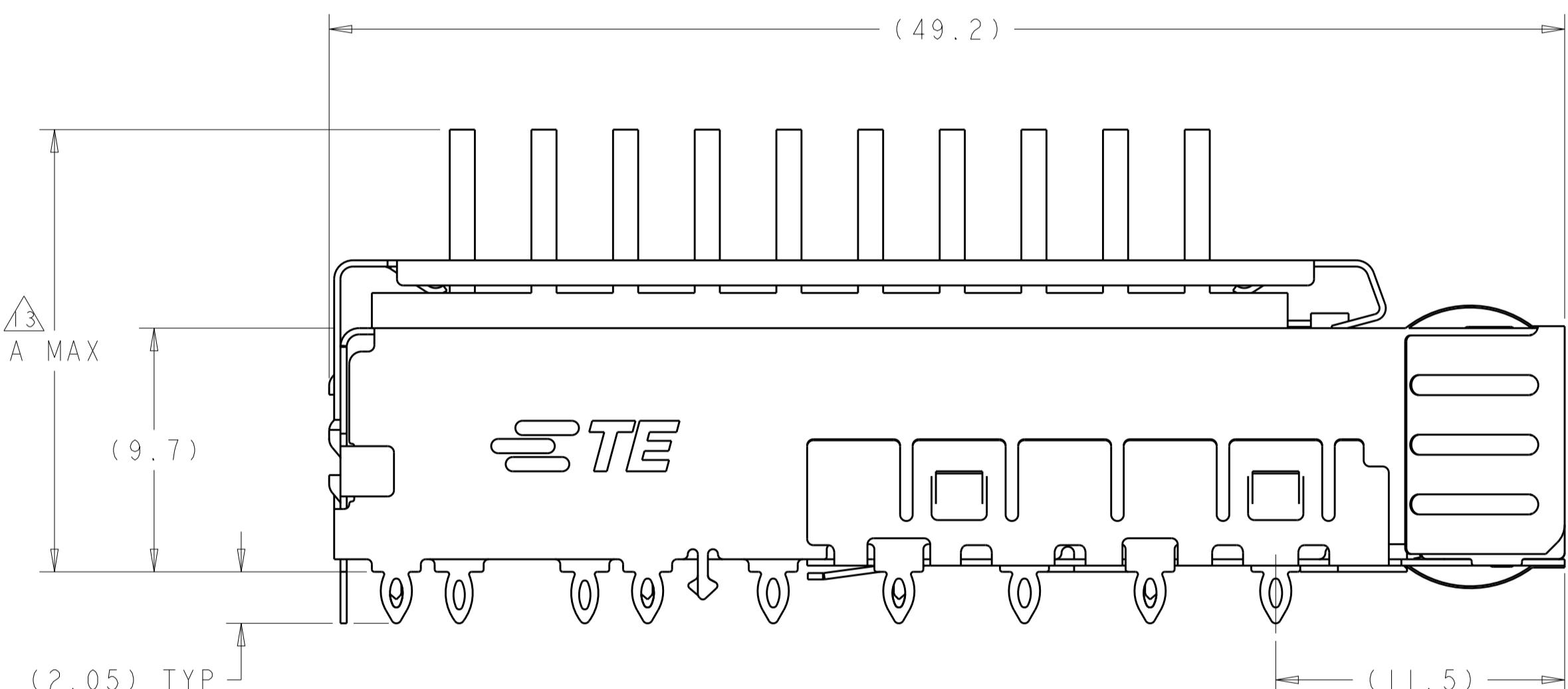


2149730-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



2149730-6,7,8,9,10
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK



2149730-1,2,3,4,5
MOUNTED BELLY TO BELLY ON PCB
SCALE 4:1

1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM

2 FINISH:
EMI SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK 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. I14-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

8. REFERENCE APPLICATION SPEC. I14-13120, 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 = 1.50mm
DOUBLE SIDED = 2.25mm

11. CERTAIN MATING TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.

12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FROM FACTORY FOR SFP+ GANGED CAGES.

13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE

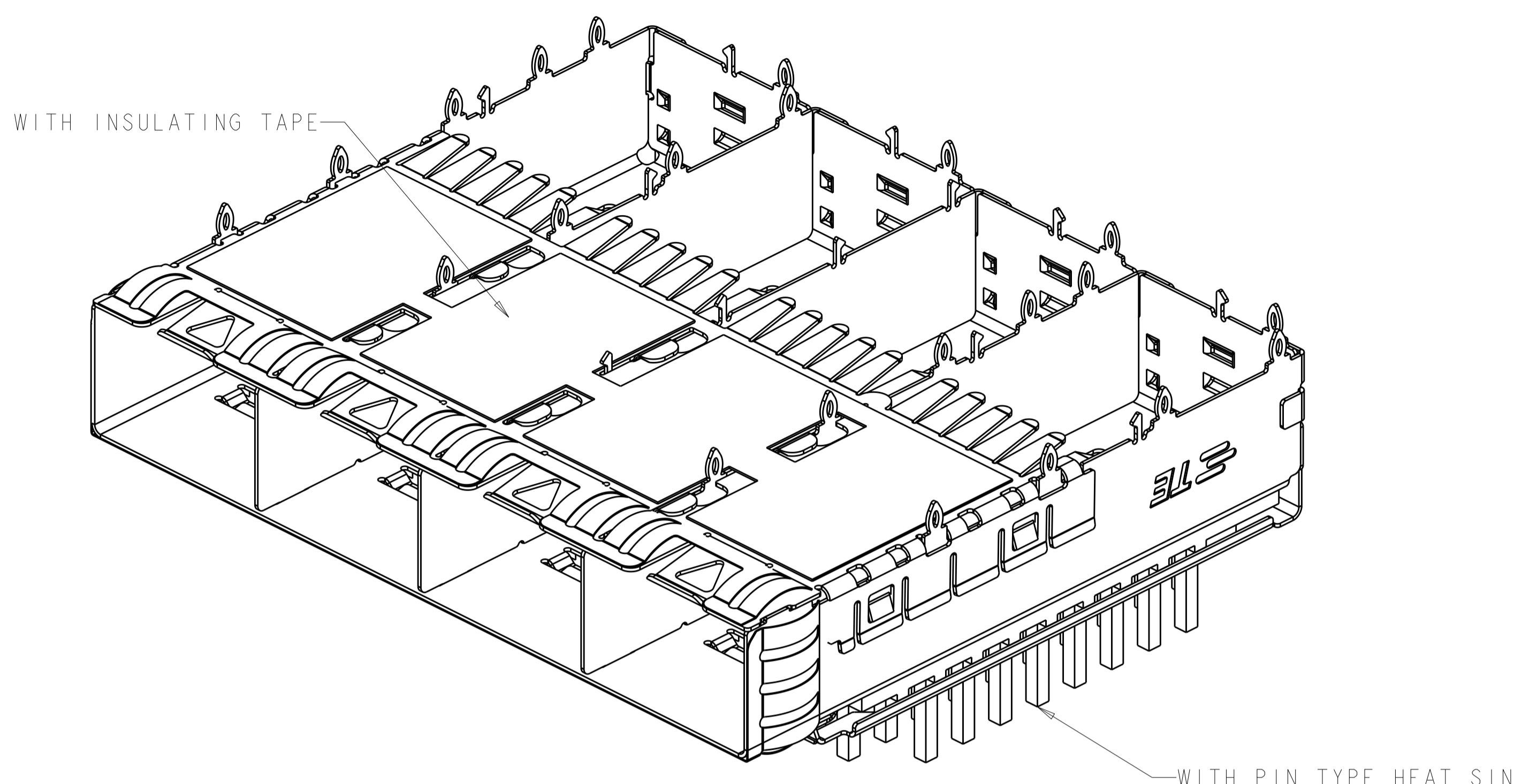
FIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2149730-10
FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2149730-9
FIN TYPE	W/O INSULATING TAPE	15.5	SAN	2149730-8
FIN TYPE	W/O INSULATING TAPE	13.2	PCI	2149730-7
FIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2149730-6
PIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2149730-5
PIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2149730-4
PIN TYPE	W/O INSULATING TAPE	15.5	SAN	2149730-3
PIN TYPE	W/O INSULATING TAPE	13.2	PCI	2149730-2
PIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2149730-1
HEAT SINK TYPE	DESCRIPTION	A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.
DWN M. SCHMITT 23AUG2010
CHG M. SCHMITT 23AUG2010
APVD B. WERTZ 23AUG2010
NAME SFP+ ENHANCED IX4 CAGE ASSEMBLY
PRESS FIT, EXTERNAL EMI SPRINGS
WITH HEATSINK

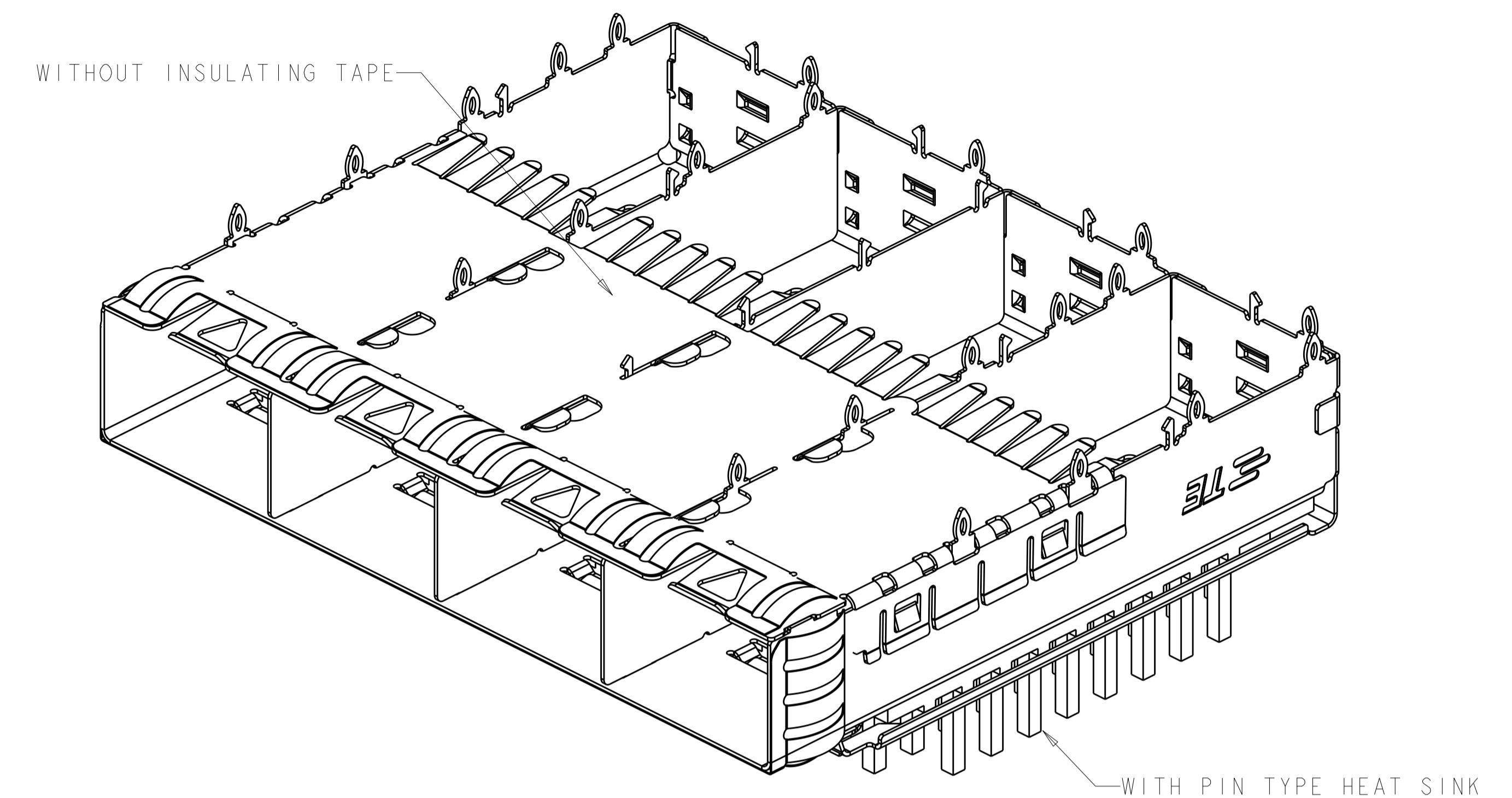
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC	±0.1
1 PLC	±0.1
2 PLC	±0.1
3 PLC	±0.1
4 PLC	±0.1
MATERIAL	FINISH
△	2

PRODUCT SPEC
I108-2364
APPLICATION SPEC
I14-13120
WEIGHT
Customer Drawing
SIZE CAGE CODE DRAWING NO
A100779C=2149730
RESTRICTED TO
-
SCALE 5:1 SHEET 1 OF 7 REV A3

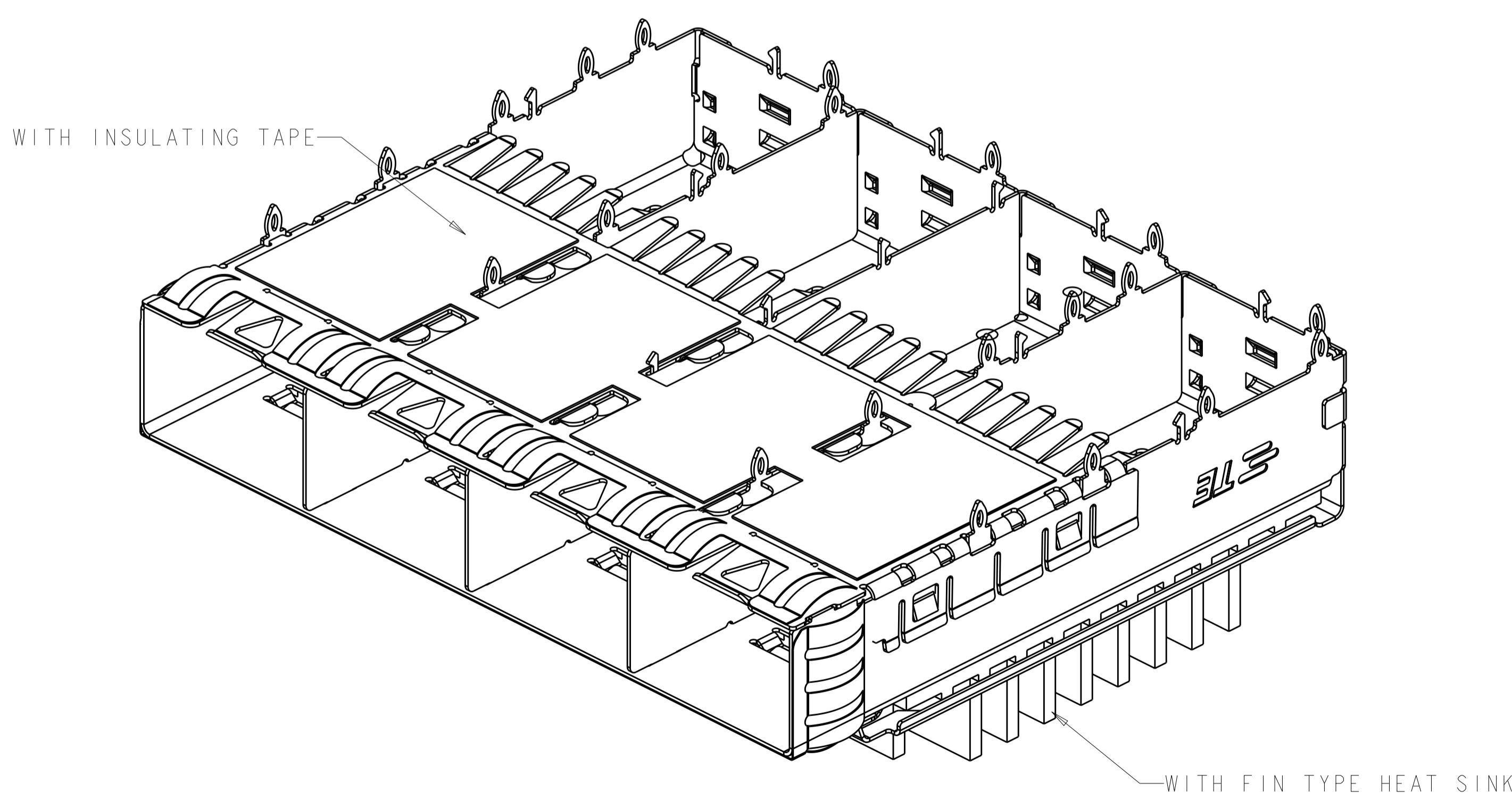
LOC	DIST	REVISIONS						
		GP	00	P LTR	DESCRIPTION	DATE	DNW	APVD
		-	SEE SHEET 1	-	-	-	-	-



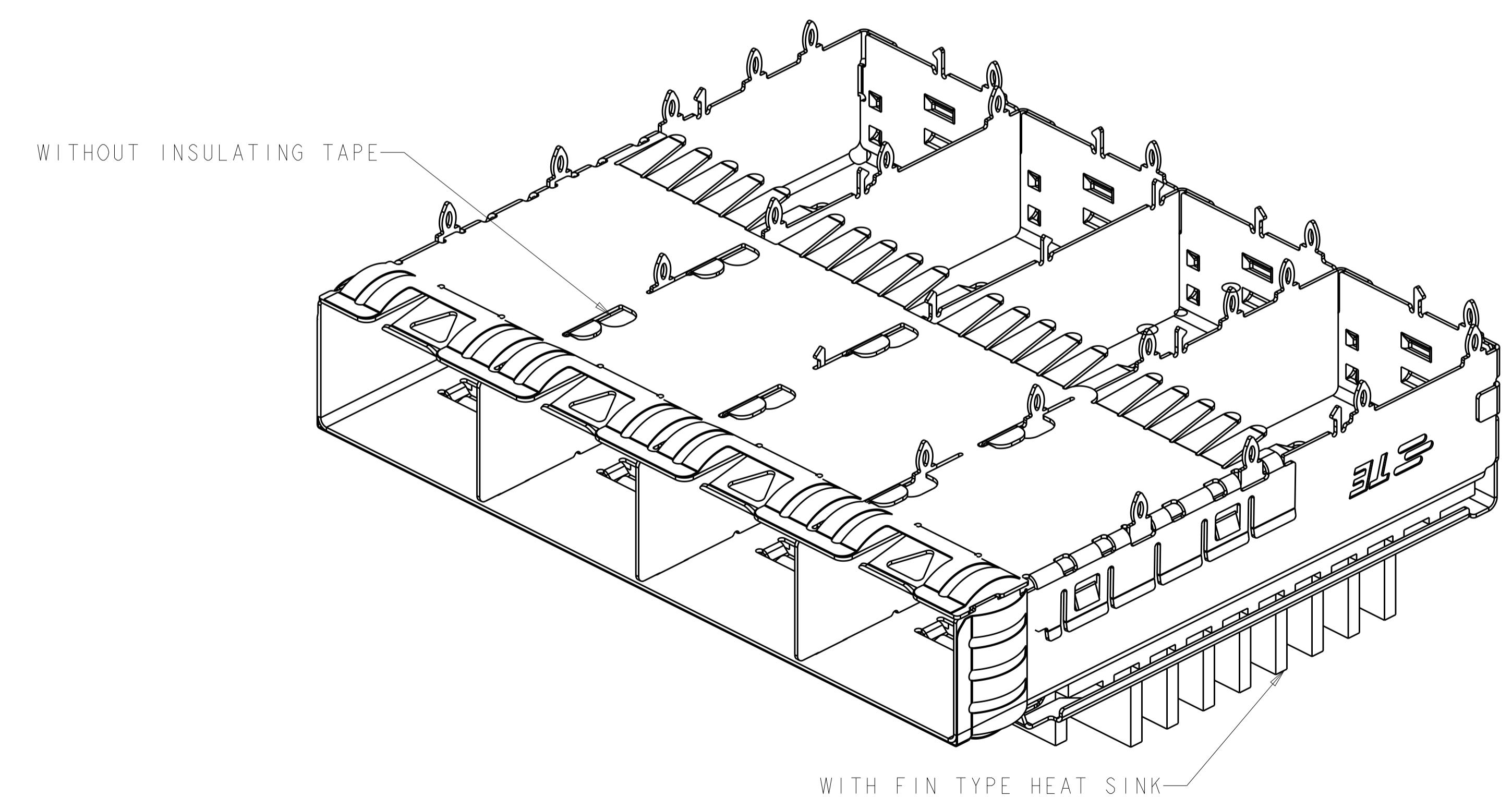
2149730-5 AS SHOWN WITH INSULATING TAPE, WITH PIN TYPE HEAT SINK



2149730-1, 2, 3, 4 AS SHOWN WITHOUT INSULATING TAPE, WITH PIN TYPE HEAT SINK



2149730-10 AS SHOWN WITH INSULATING TAPE, WITH FIN TYPE HEAT SINK



2149730-6, 7, 8, 9 AS SHOWN WITHOUT INSULATING TAPE, WITH FIN TYPE HEAT SINK

THIS DRAWING IS A CONTROLLED DOCUMENT.		DN: M. SCHMITT 23AUG2010	TE Connectivity
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	±0.1	0 PLC	23AUG2010
1 PLC	±0.1	1 PLC	M. SCHMITT 23AUG2010
2 PLC	±0.1	2 PLC	B. WERTZ 23AUG2010
3 PLC	±0.1	3 PLC	PRODUCT SPEC
4 PLC	±0.1	4 PLC	108-2364
MATERIAL	FINISH	APPLICATION SPEC	114-13120
		WEIGHT	Customer Drawing
			SCALE 5:1 SHEET 2 OF 7 REV A3

