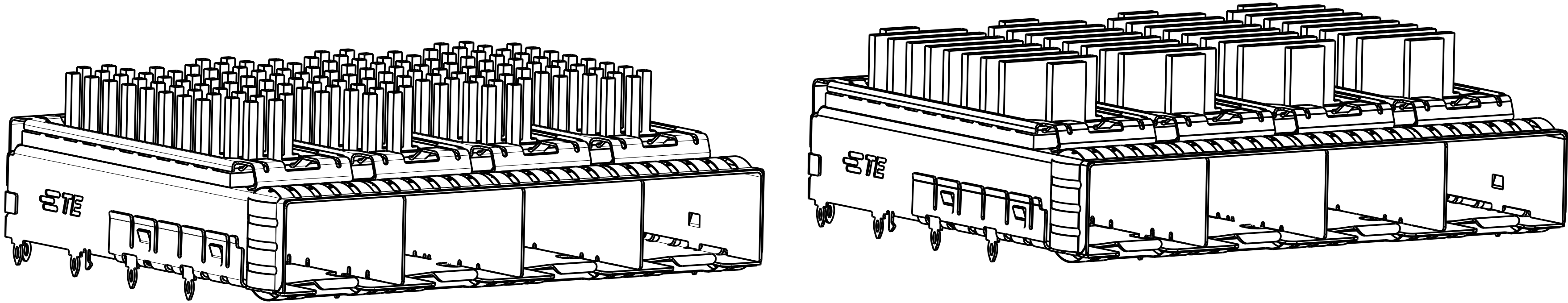


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A3	RELEASED PER ECO-15-006578	20APR2015	PP	SH	
			A4	REVISED PER ECR-19-006709	10APR2019	IT	SH	
			A5	REVISED PER ECO-20-000404	09JAN2020	IT	SH	
			A6	REVISED PER ECR-20-015251	28OCT2020	IT	SH	

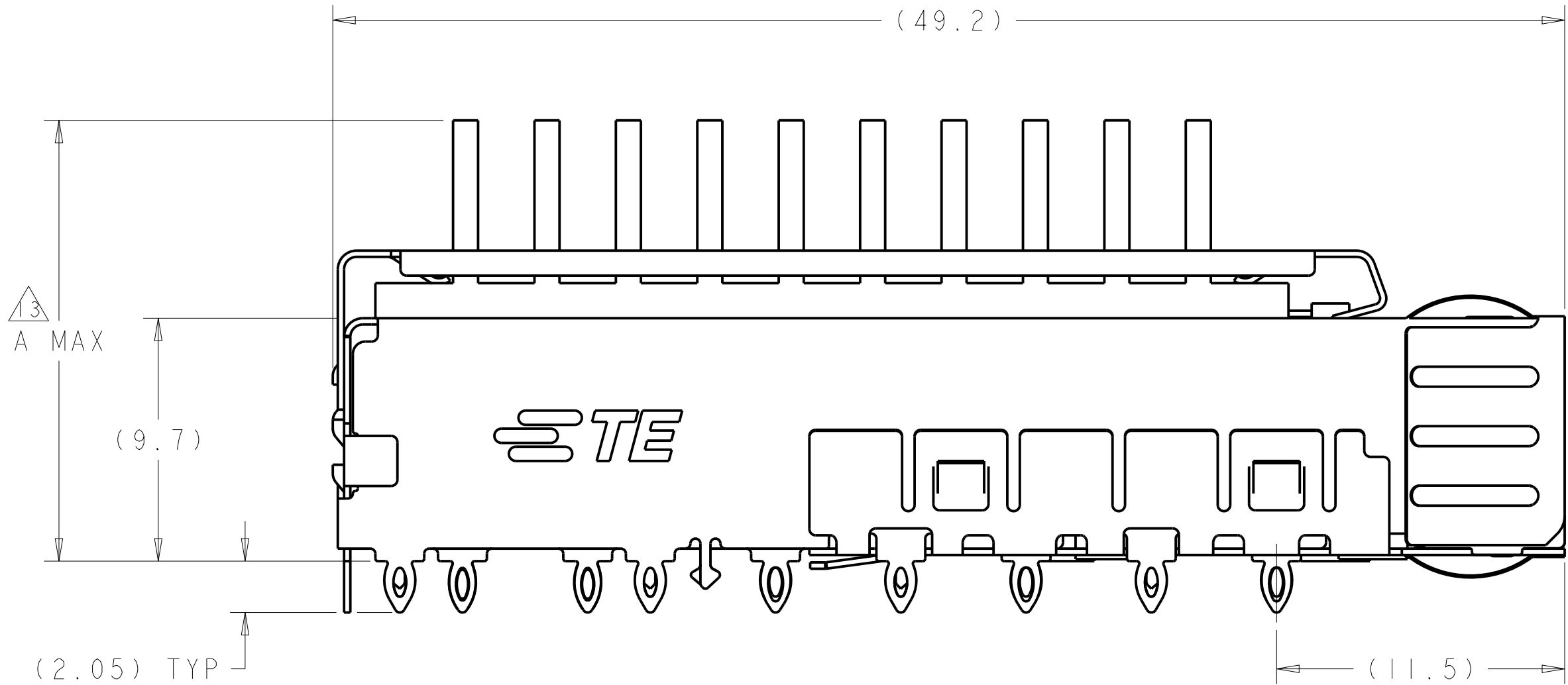
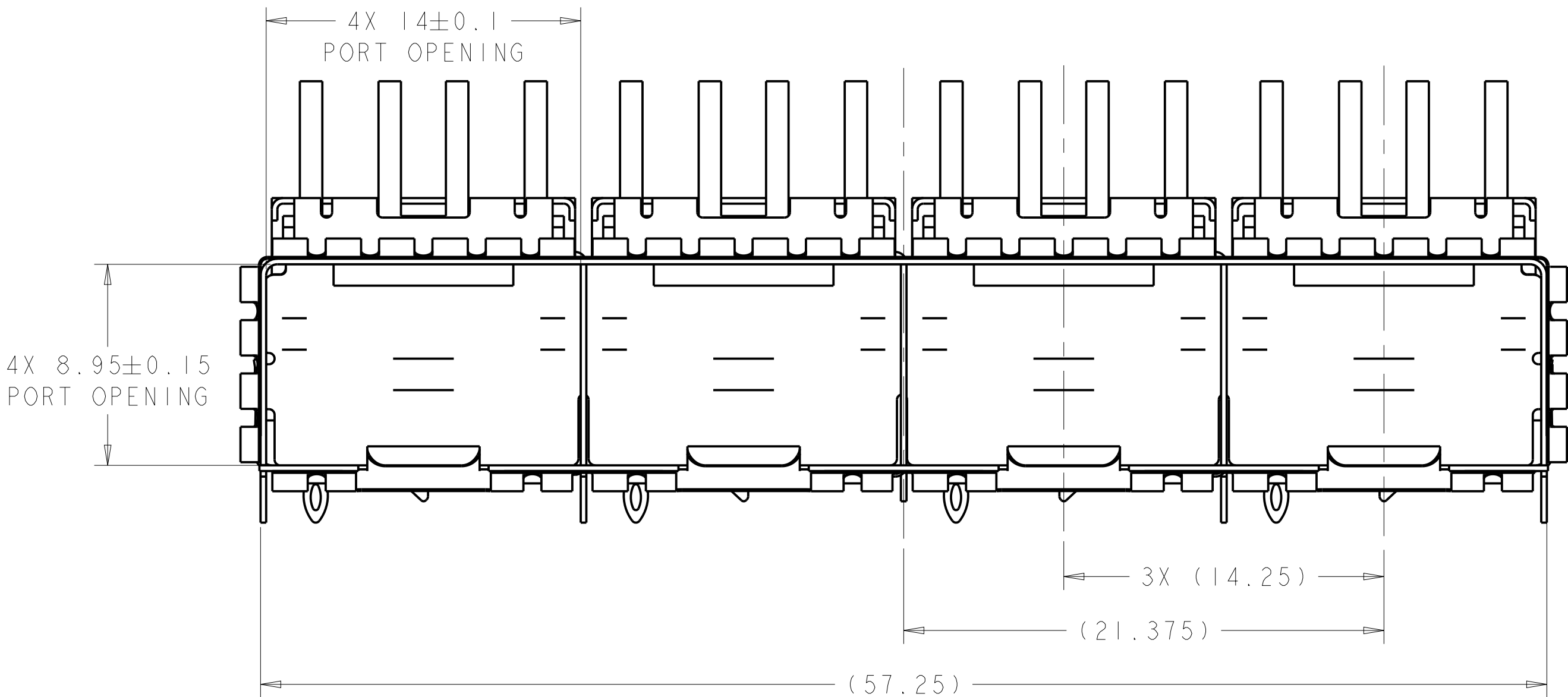


2149730-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK

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

- 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. 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 = 1.50mm
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 FORM FACTOR FOR SFP+ GANGED CAGES.

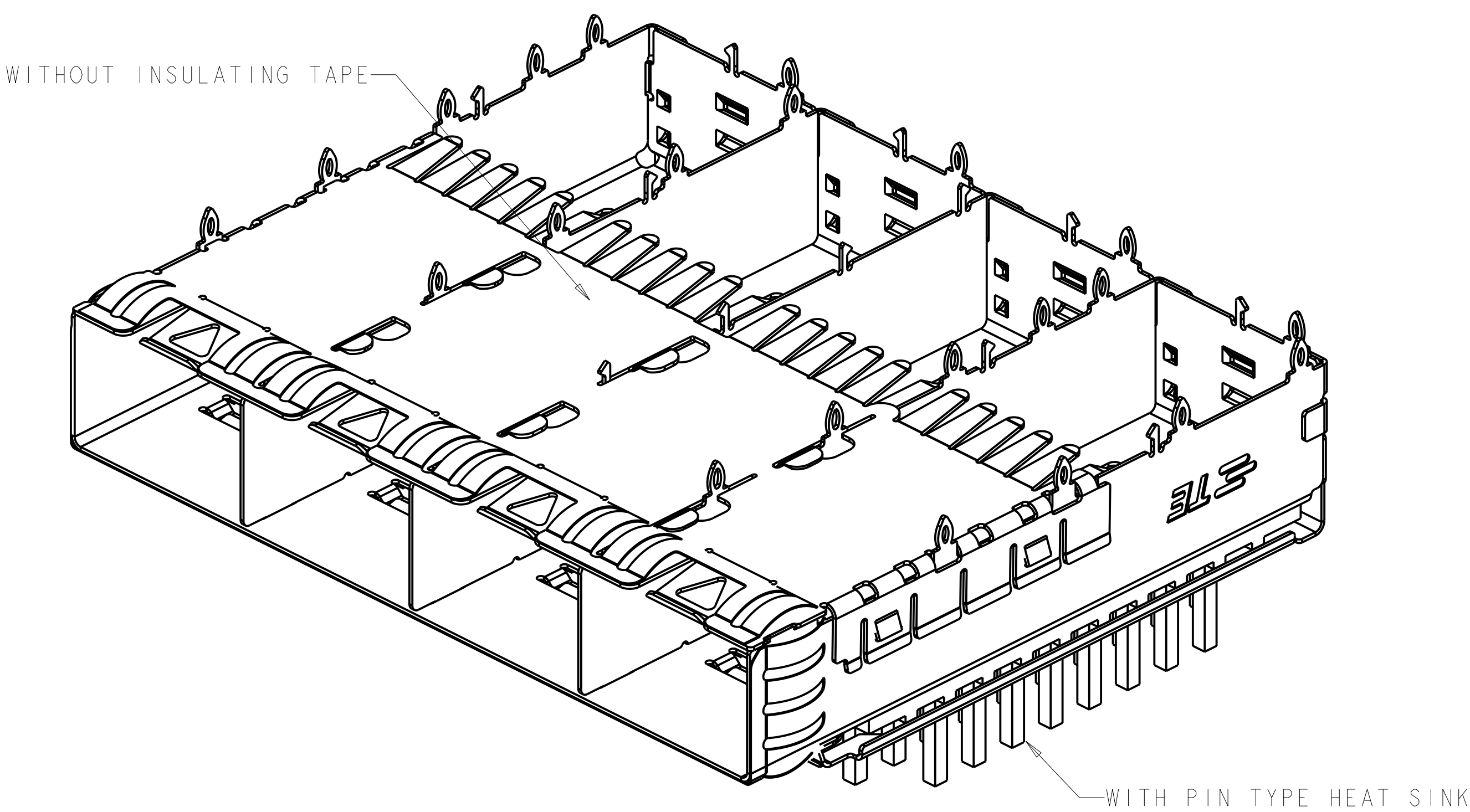
13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



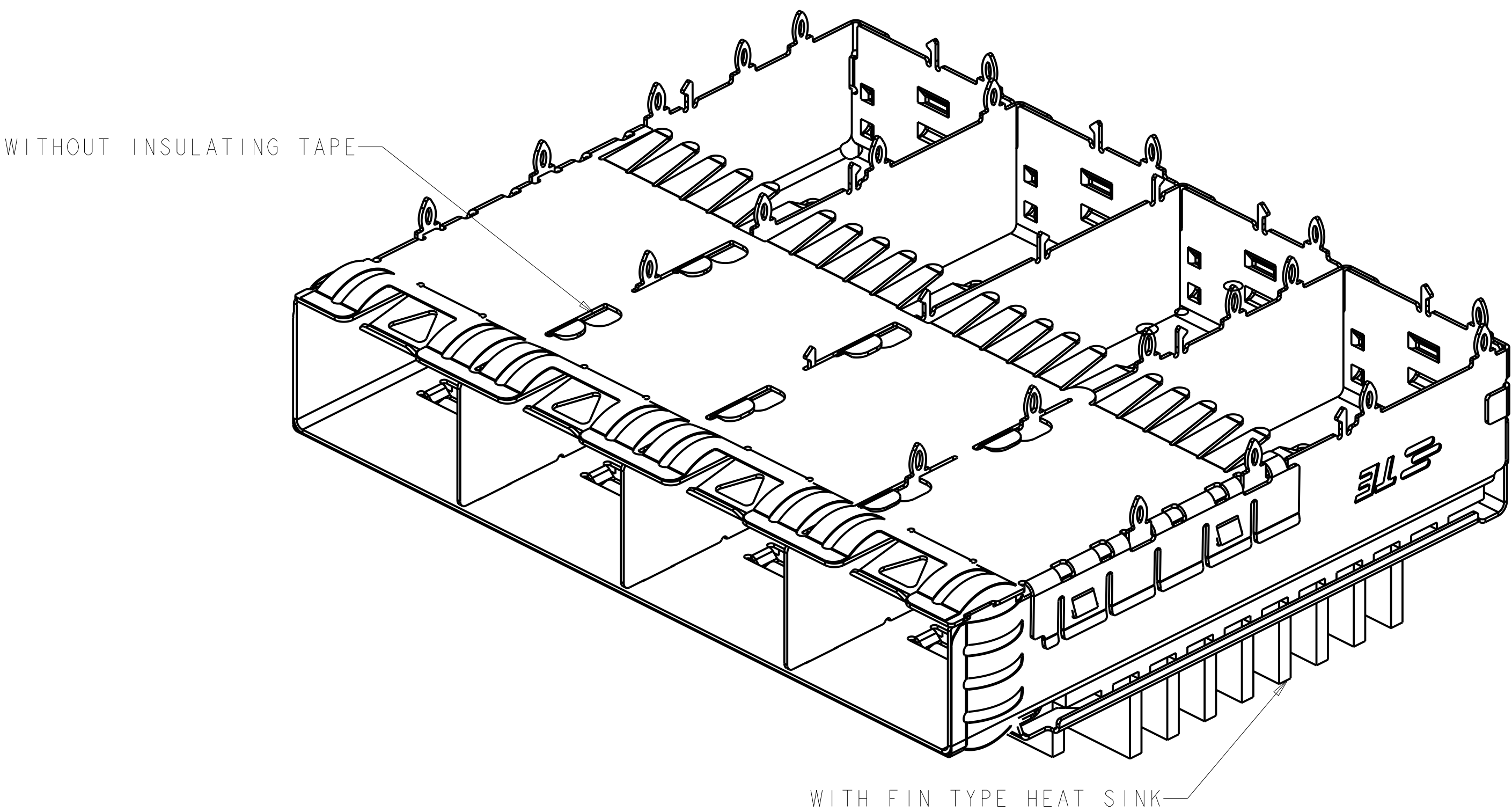
FIN TYPE	W/O INSULATING TAPE	N/A	CUSTOMIZED	1-2149730-3
PIN TYPE	W/O INSULATING TAPE	N/A	CUSTOMIZED	1-2149730-2
PIN TYPE	W/O INSULATING TAPE	N/A	CUSTOMIZED	1-2149730-1
FIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2149730-10
FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2149730-9
FIN TYPE	W/O 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	 TE Connectivity								
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M. SCHMITT 23AUG2010									
DIMENSIONS: mm		APVD B. WERTZ 23AUG2010	NAME	SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK							
		PRODUCT SPEC									
MATERIAL		1 P/LC ±0.1	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO					
		2 P/LC ±0.1					APPLICATION SPEC				
		3 P/LC ±0.1						114-13120			
ANGLES		4 P/LC ±0.1	WEIGHT		-						
FINISH		Customer Drawing		SCALE	5:1	SHEET	1	OF	8	REV	A6
											

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



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

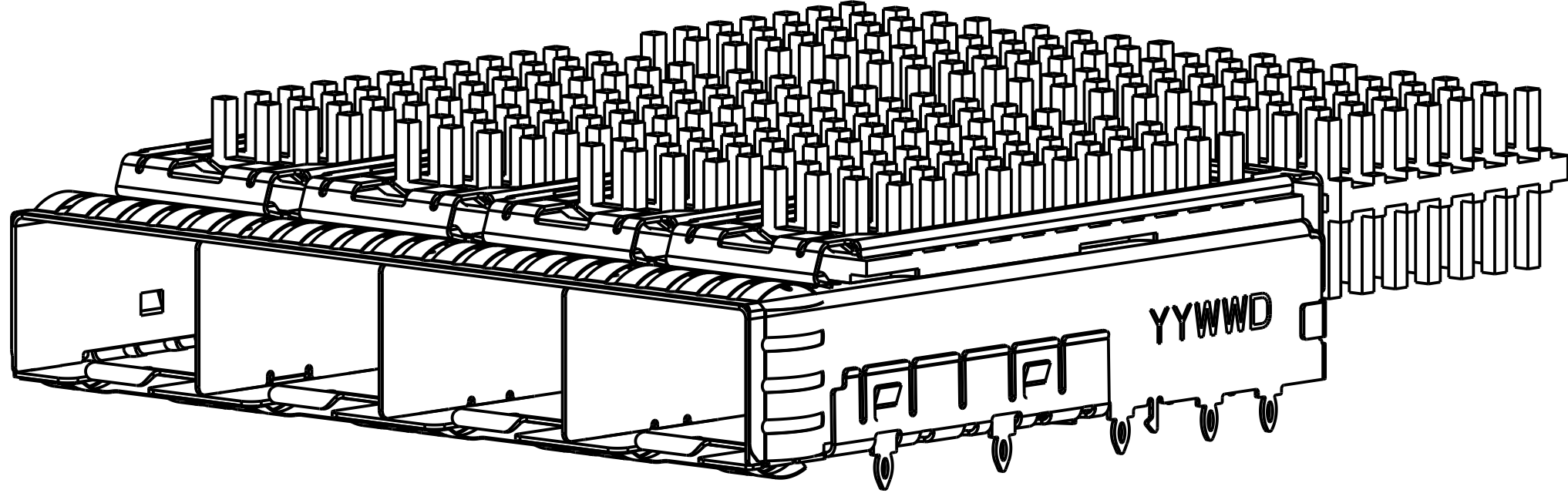
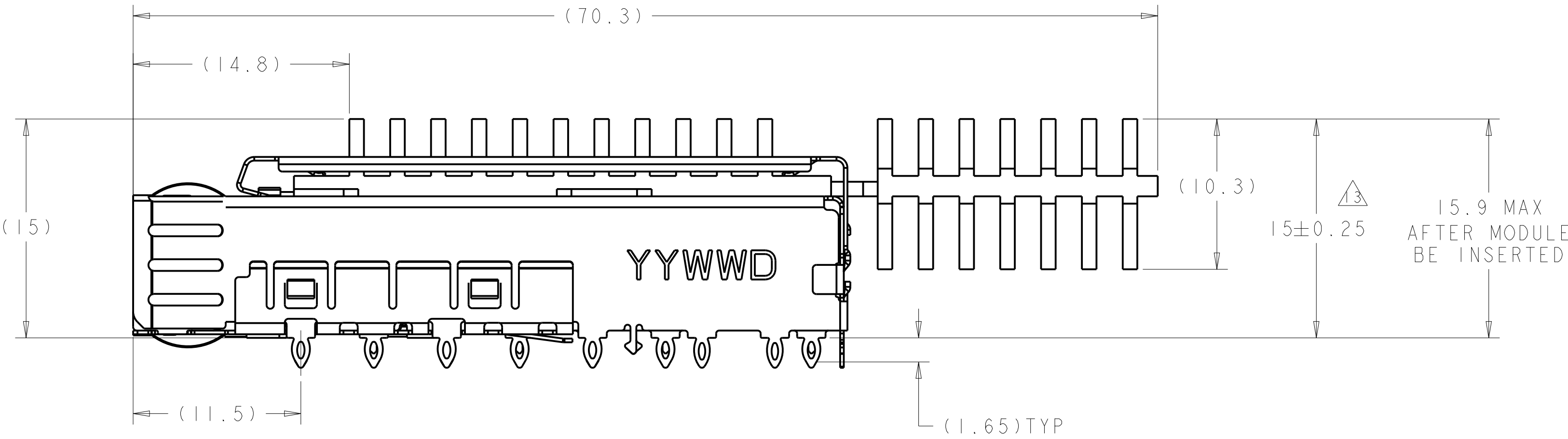


2149730-6,7,8,9 AS SHOWN WITHOUT INSULATING TAPE, WITH FIN TYPE HEAT SINK

THIS DRAWING IS A CONTROLLED DOCUMENT		DWG. M. SCHMITT 23AUG2010 CHA. M. SCHMITT 23AUG2010 APPR. R. WERTZ 23AUG2010		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLOC ±0.1 2 PLOC ±0.1 2 PLOC ±0.1 4 PLOC ±0.1 4 PLOC ±0.1 ANGLES ±10°		NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120 WEIGHT -		SIZE CASE CODE DRAWING NO A1 00779 C-2149730	
MATERIAL		FINISH		RESTRICTED TO -	
Customer Drawing					
				SCALE 5:1 SHEET 2 OF 8 REV A6	

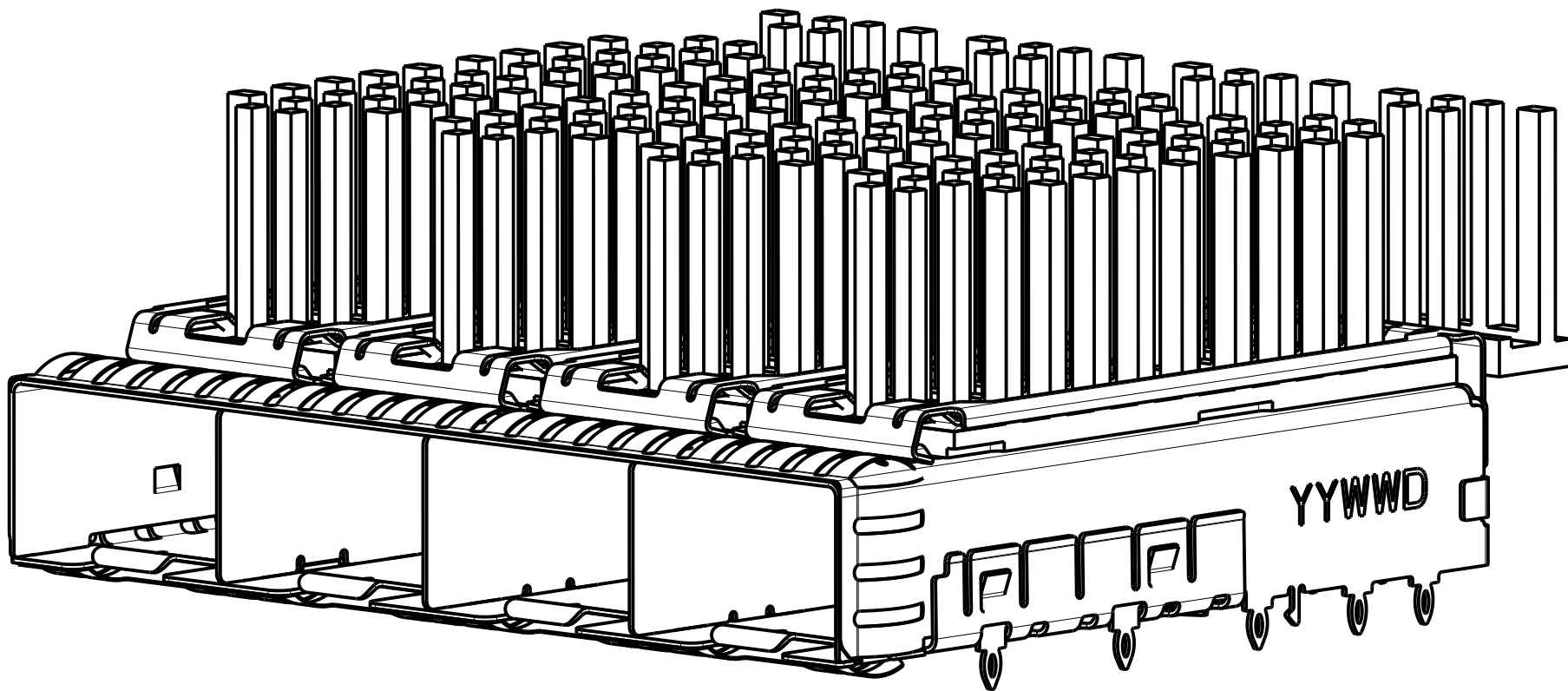
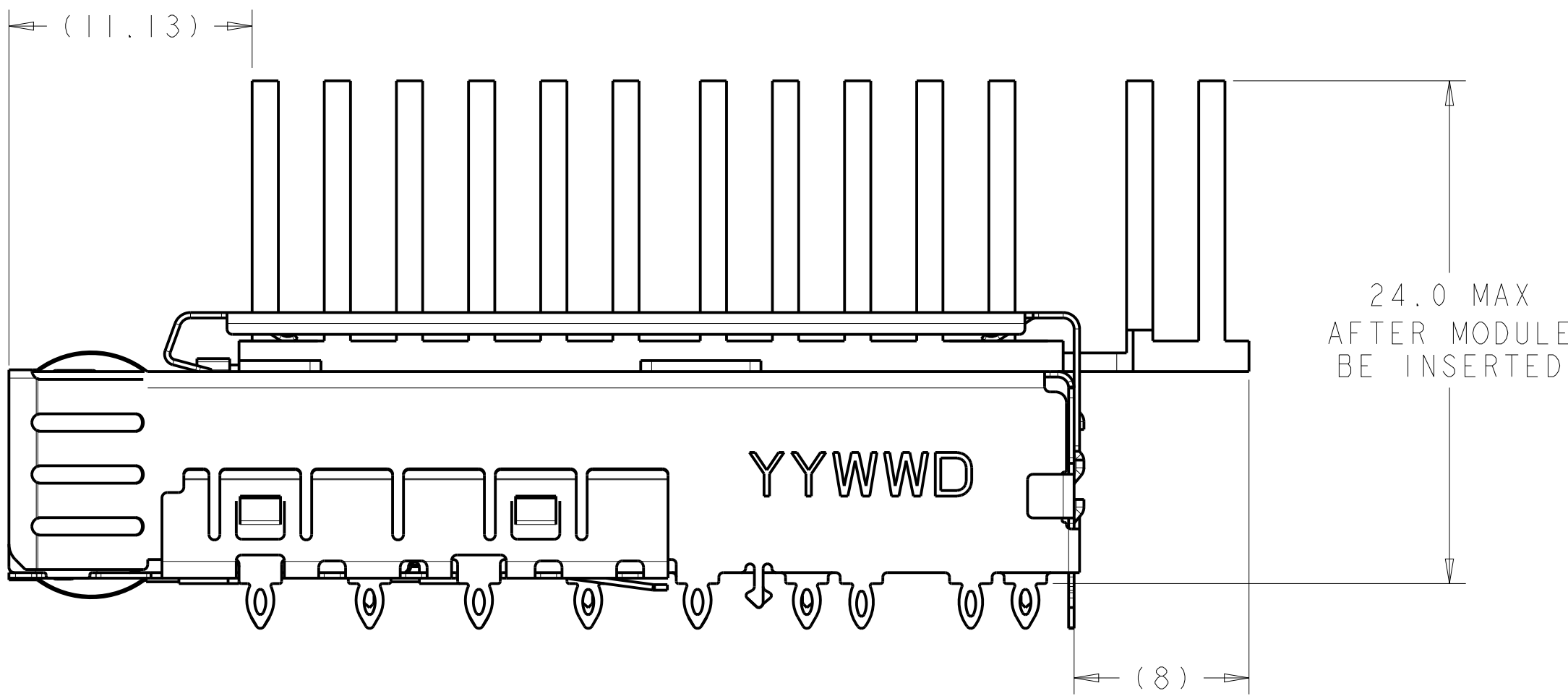
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-

1-2149730-1 AS SHOWN
UNMARKED SAME AS 2149730-1



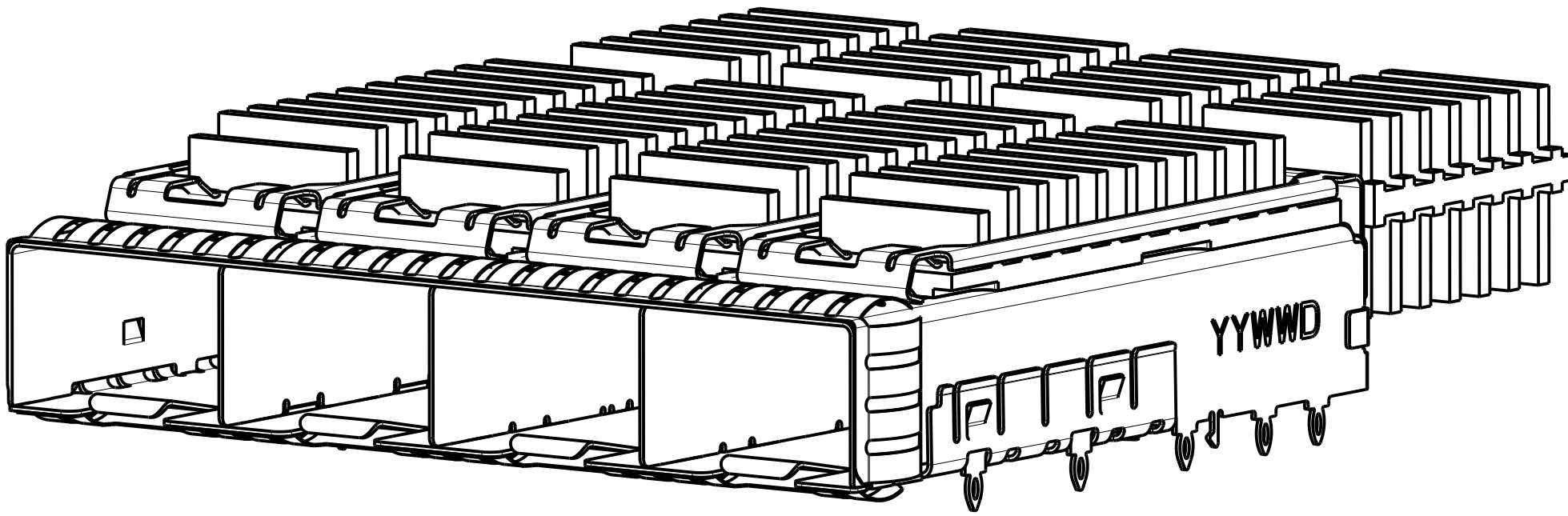
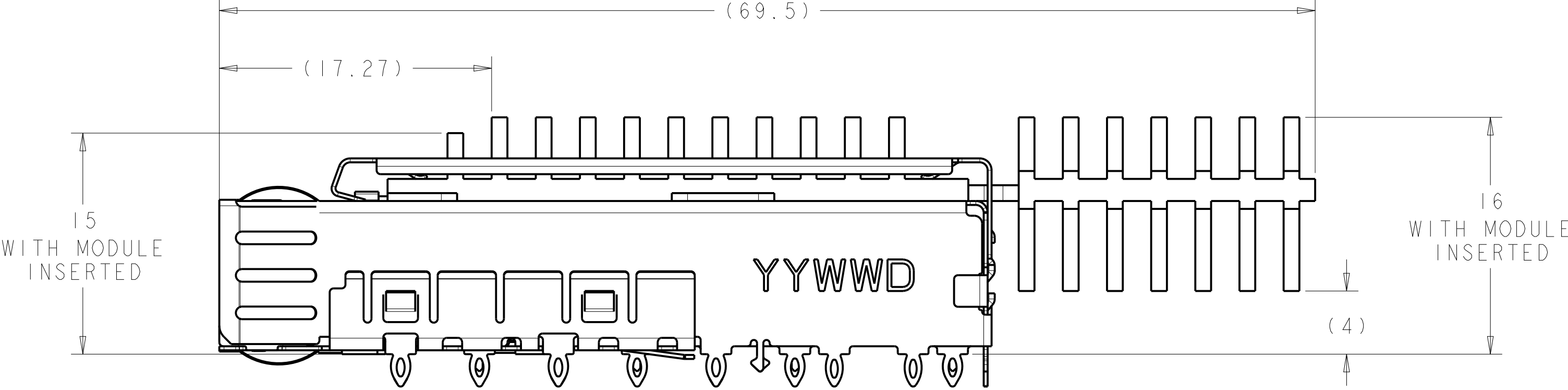
1-2149730-1 3D VIEW
SCALE 3:1

1-2149730-2 AS SHOWN
UNMARKED SAME AS 2149730-1



1-2149730-2 3D VIEW
SCALE 3:1

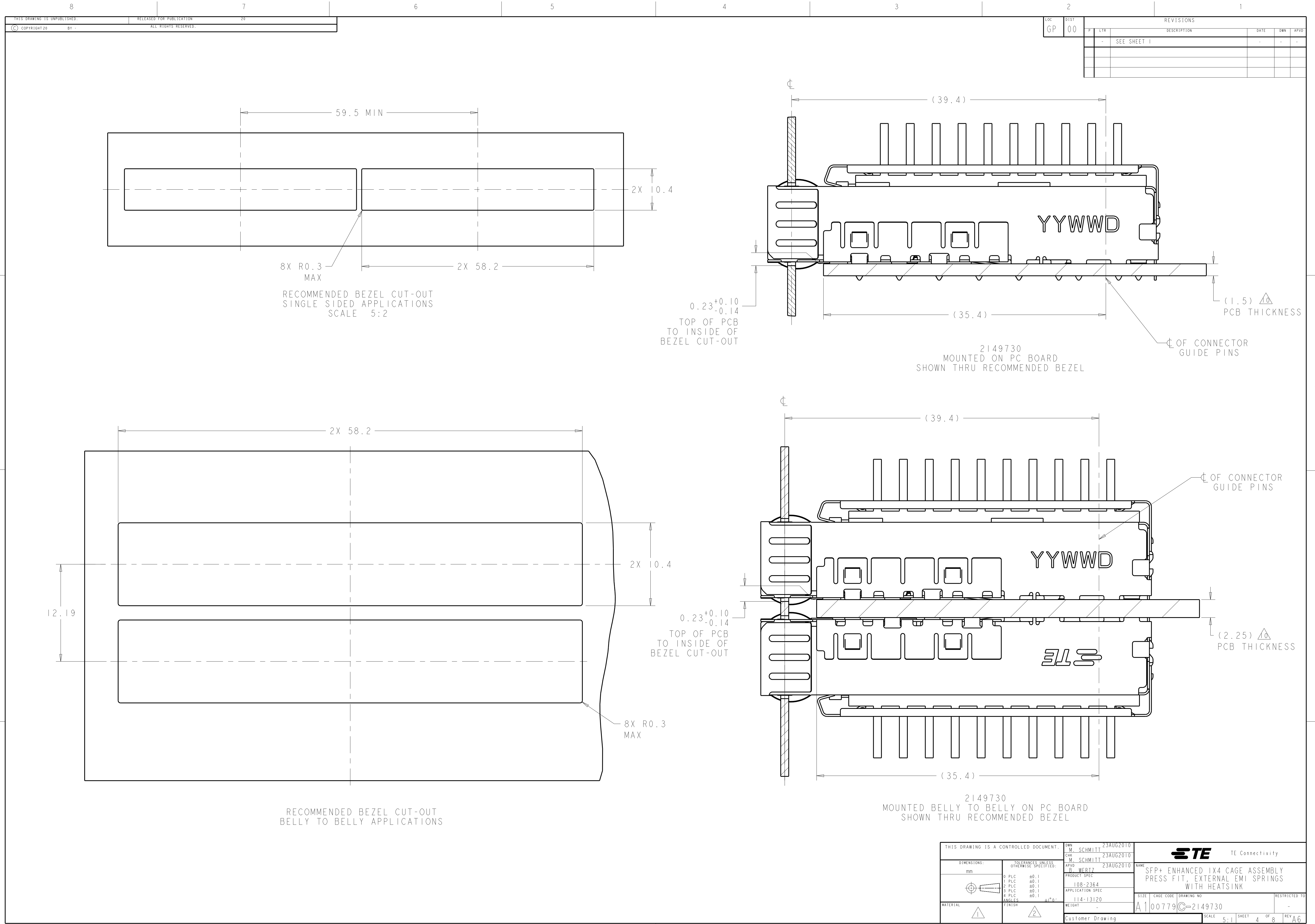
1-2149730-3 AS SHOWN
UNMARKED SAME AS 2149730-1

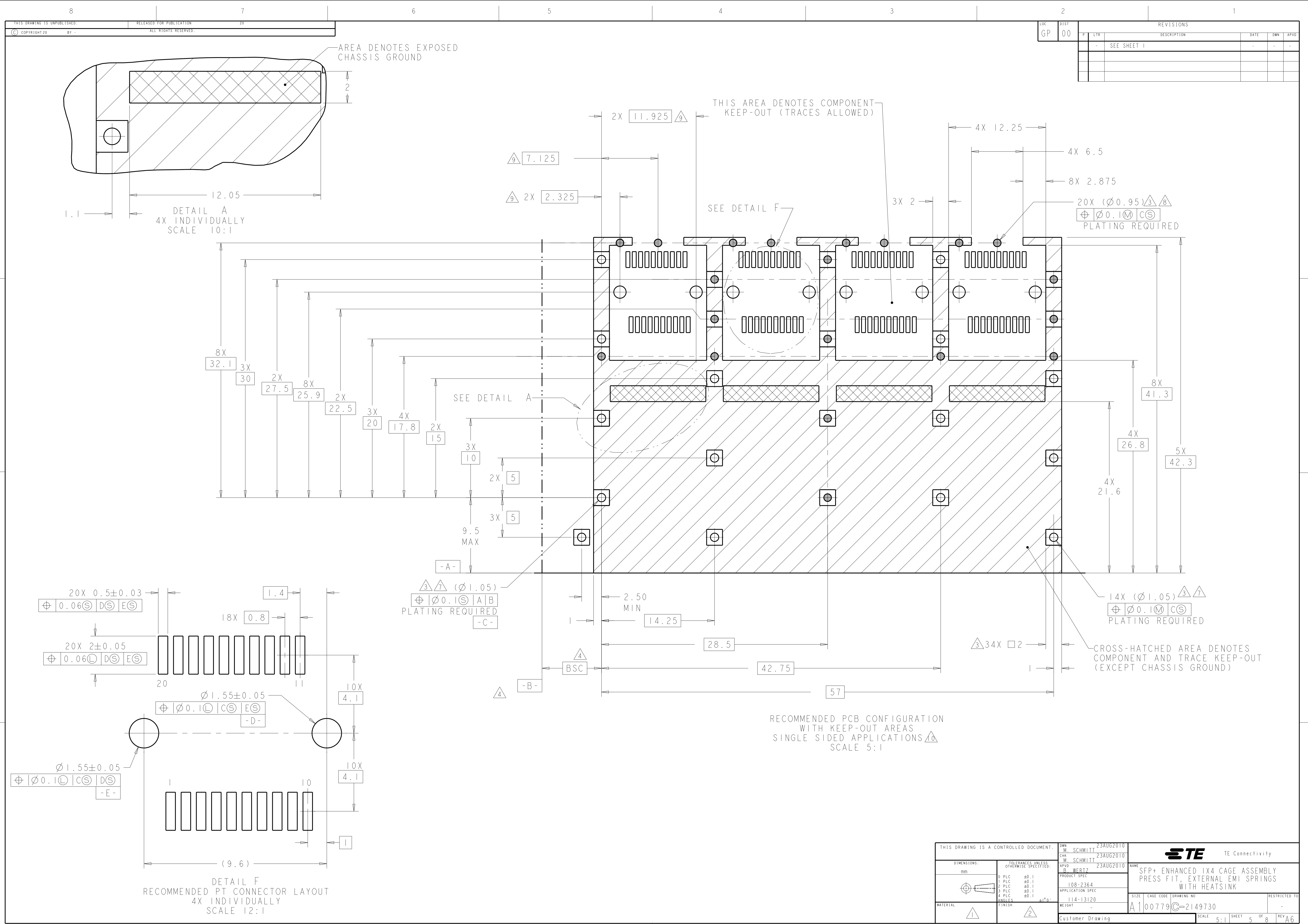


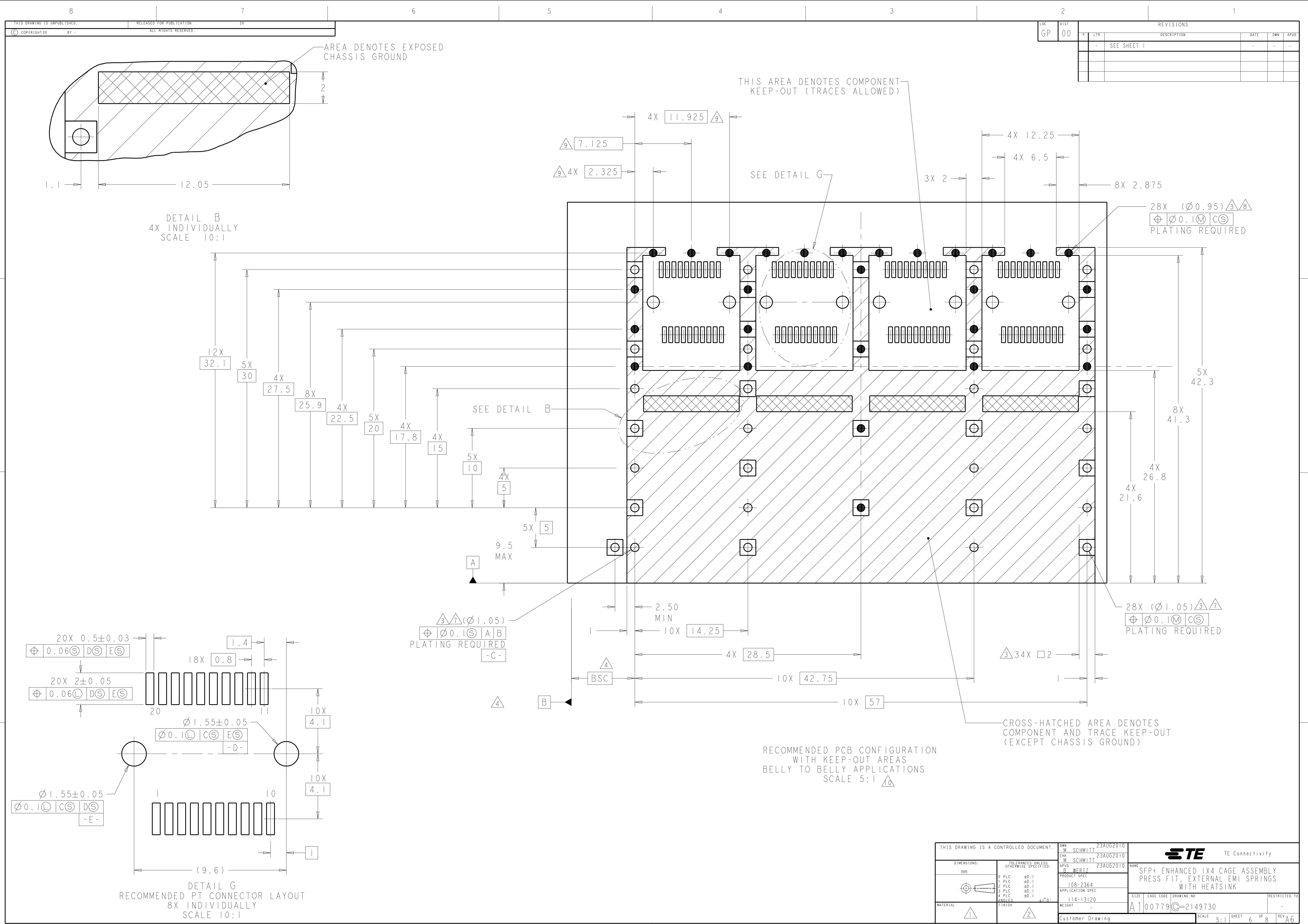
1-2149730-3 3D VIEW
SCALE 3:1

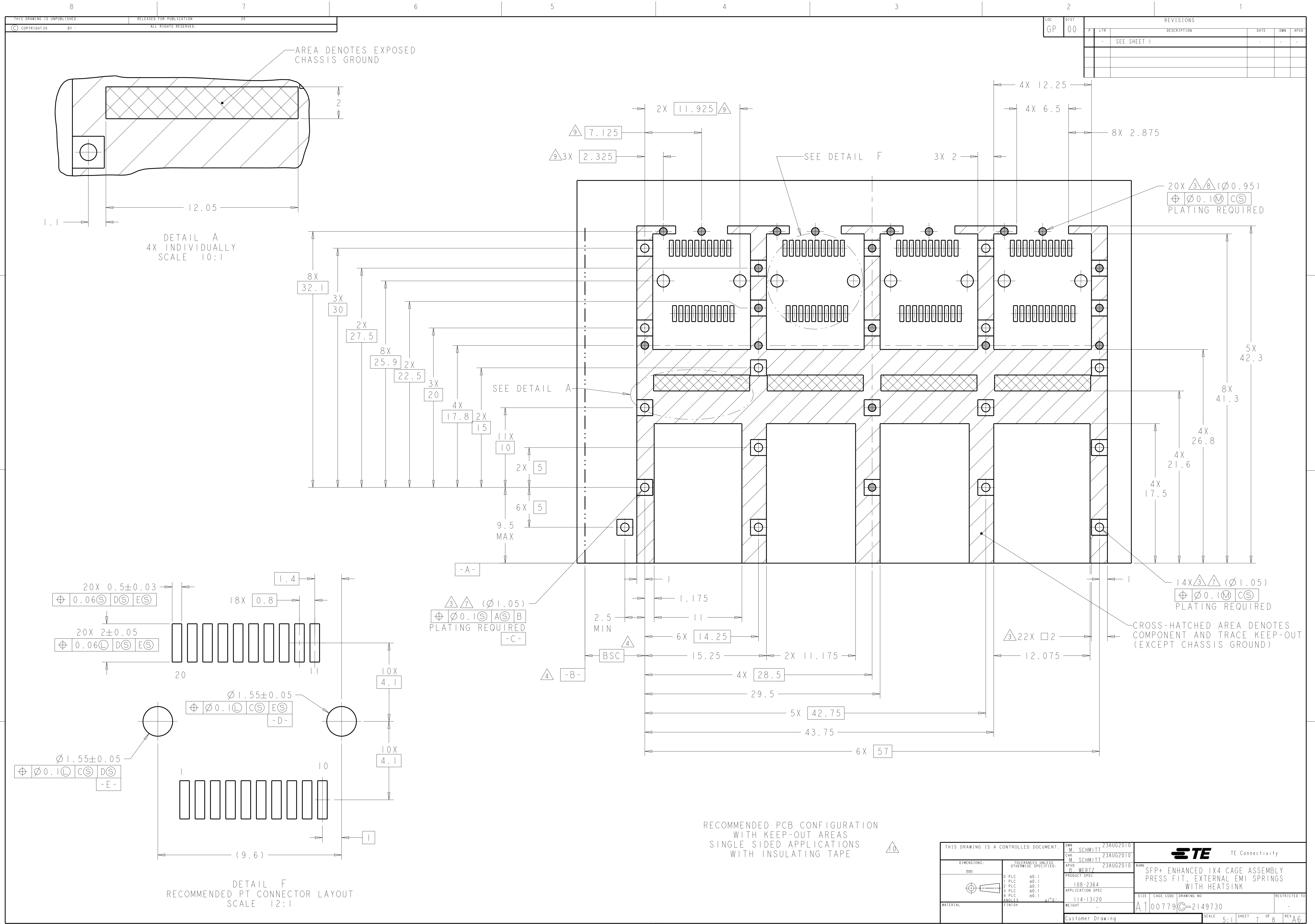
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. SCHMITT 23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 23AUG2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD B. WERTZ 23AUG2010	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC ±0.1	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±0.1	108-2364		
	2 PLC ±0.1	APPLICATION SPEC	A100779C=2149730	
	3 PLC ±0.1	114-13120		
MATERIAL	4 PLC ±0.1	WEIGHT	Customer Drawing	
	ANGLES ±1°	-		
FINISH	FINISH	SCALE 5:1	SHEET 3 OF 8	
	-	REV A6		

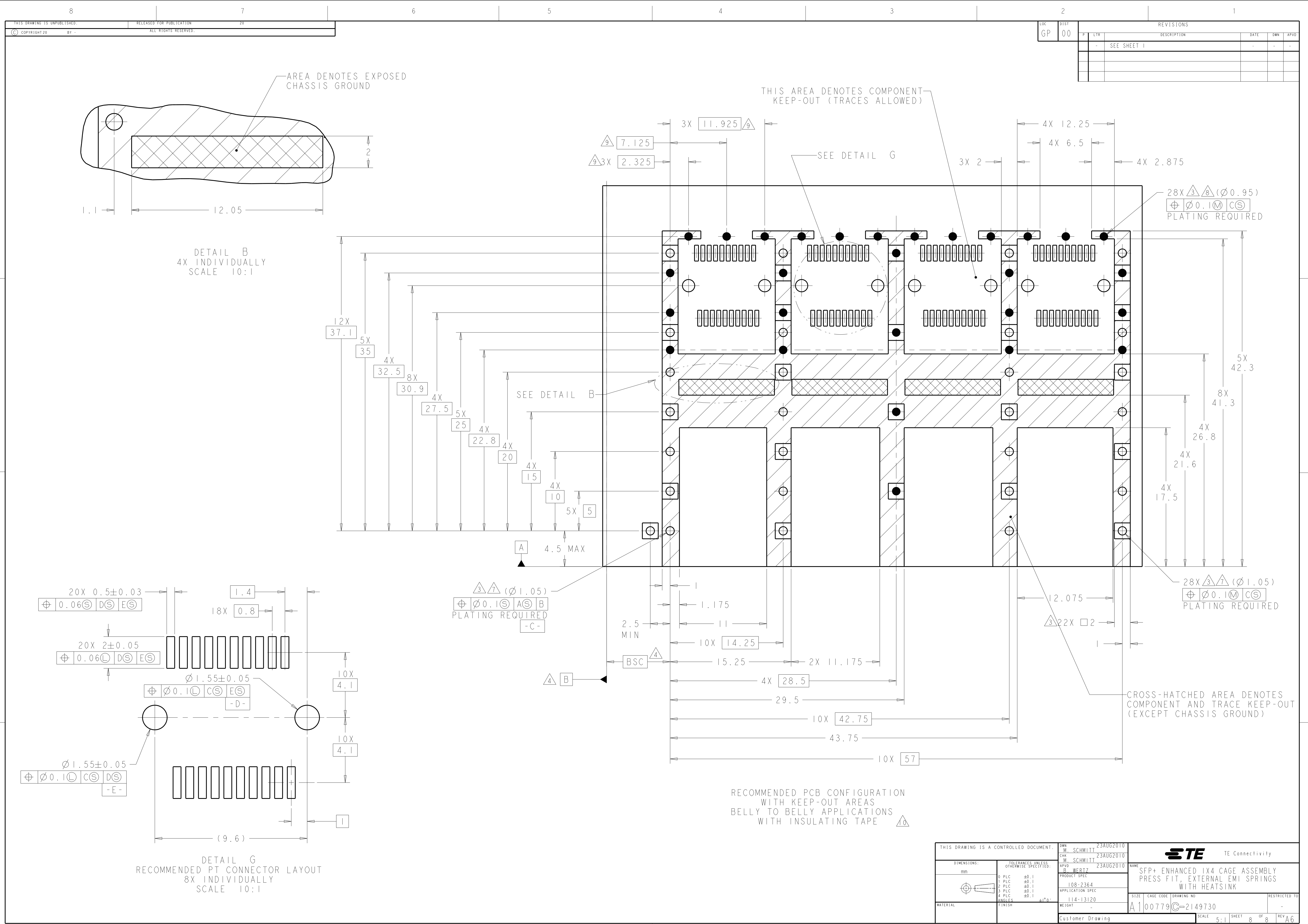








LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
				SEE SHEET 1			



Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2149730-3](#)