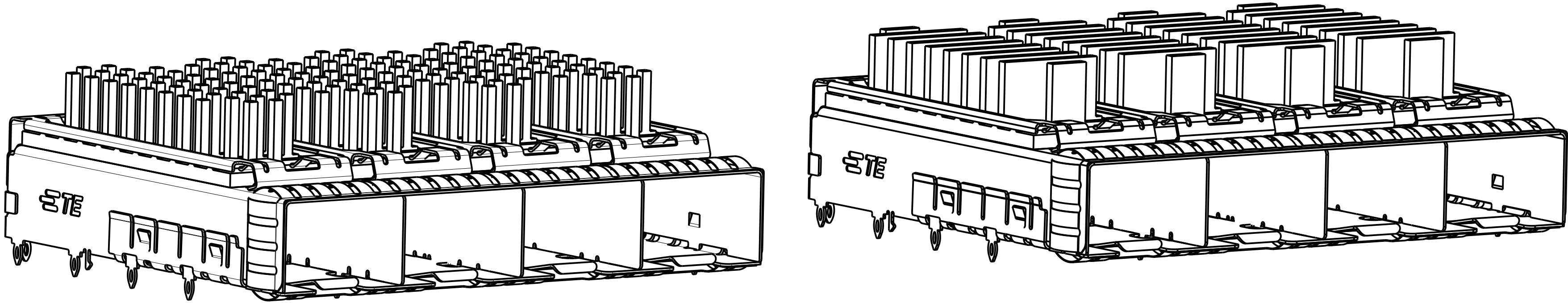


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A3	RELEASED PER ECO-15-006578	20APR2015	PP	SH	
			A4	REVISED PER ECR-19-006709	10APR2019	IT	SH	
			A5	REVISED PER ECO-20-000404	09JAN2020	IT	SH	
			A6	REVISED PER ECR-20-015251	28OCT2020	IT	SH	

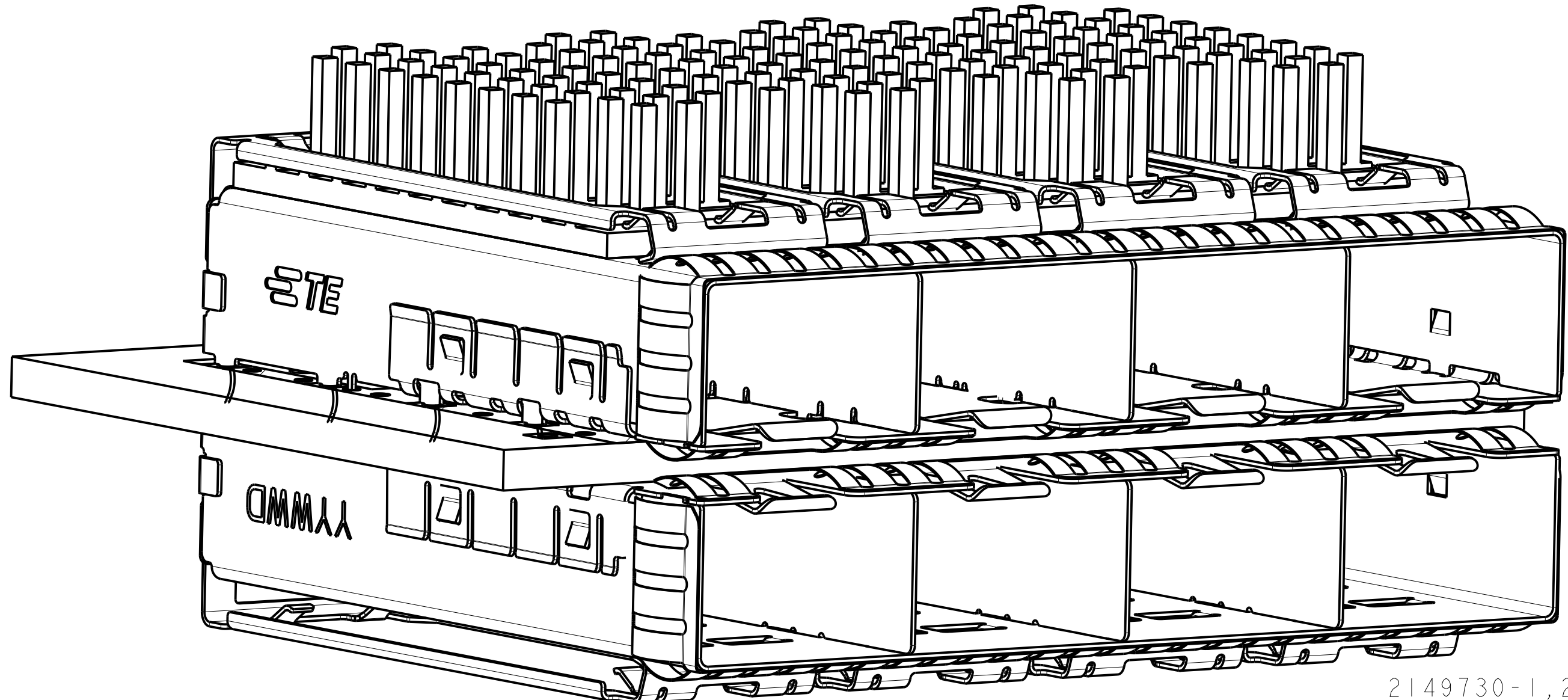
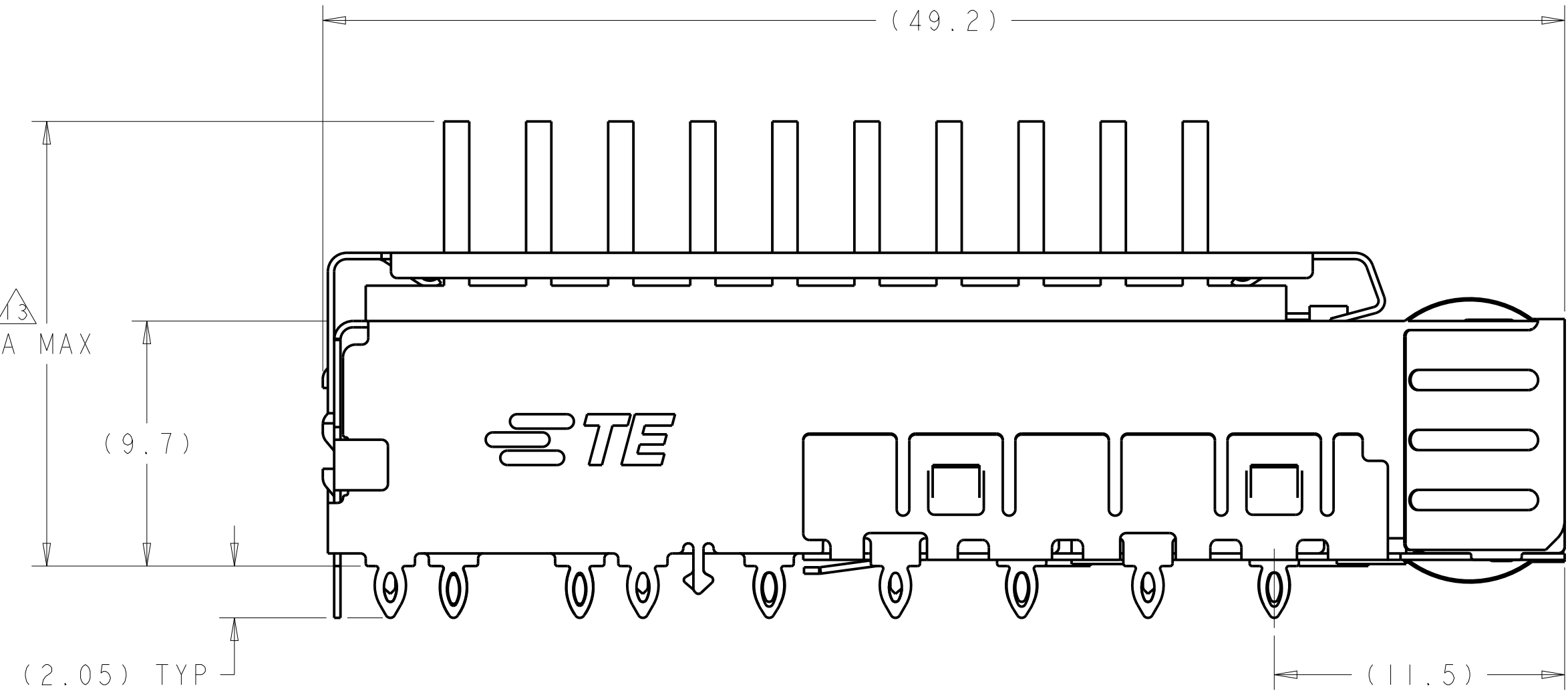
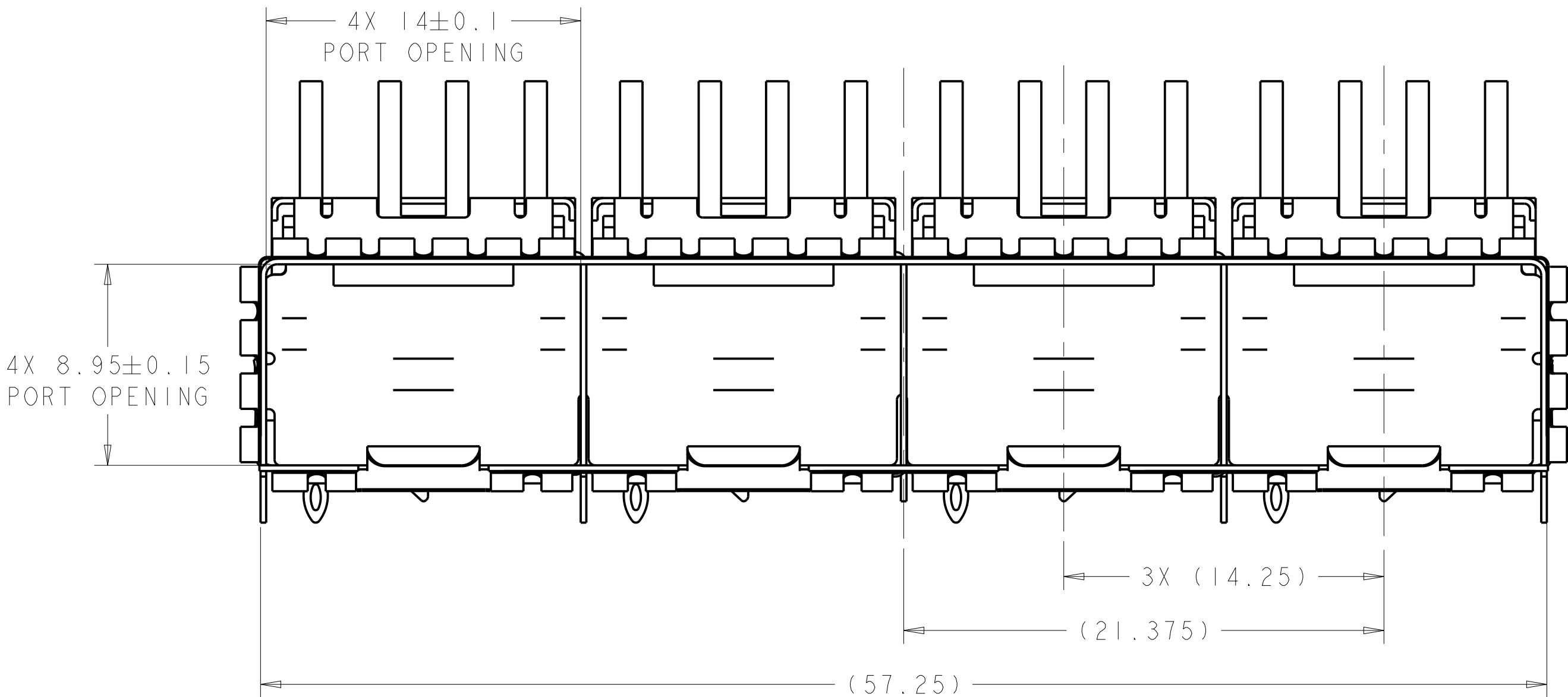


2149730-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK

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 FROM FACTOR FOR SFP+ GANGED CAGES.

13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



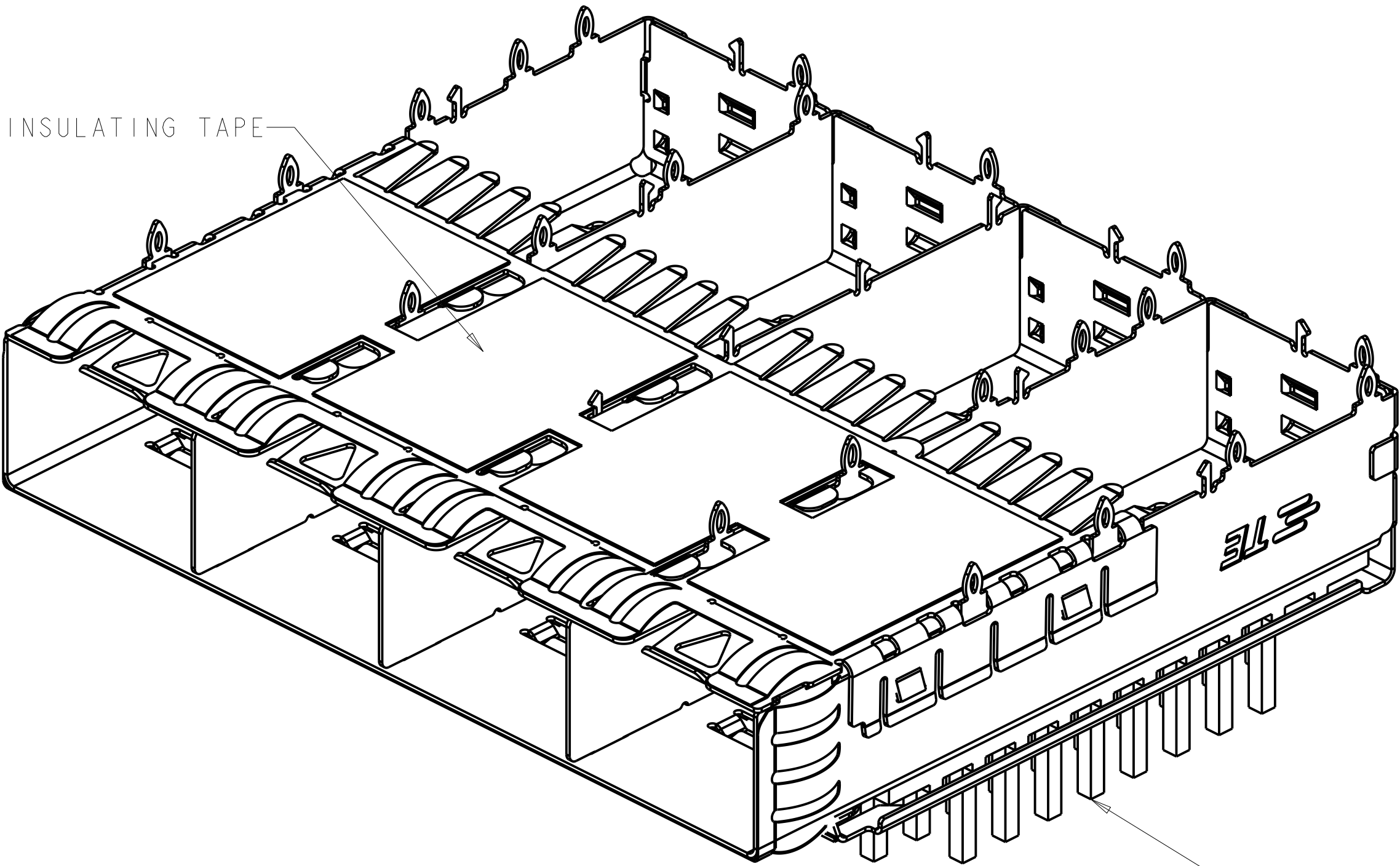
2149730-1,2,3,4,5
MOUNTED BELLY TO BELLY ON PCB
SCALE 4:1

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	RESTRICTED TO -	
		PRODUCT SPEC 108-2364			
MATERIAL		APPLICATION SPEC 114-13120	SIZE A1	CAGE CODE 00779	
		WEIGHT -			
Customer Drawing		SCALE 5:1	SHEET 1	OF 8	
			REV A6		

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

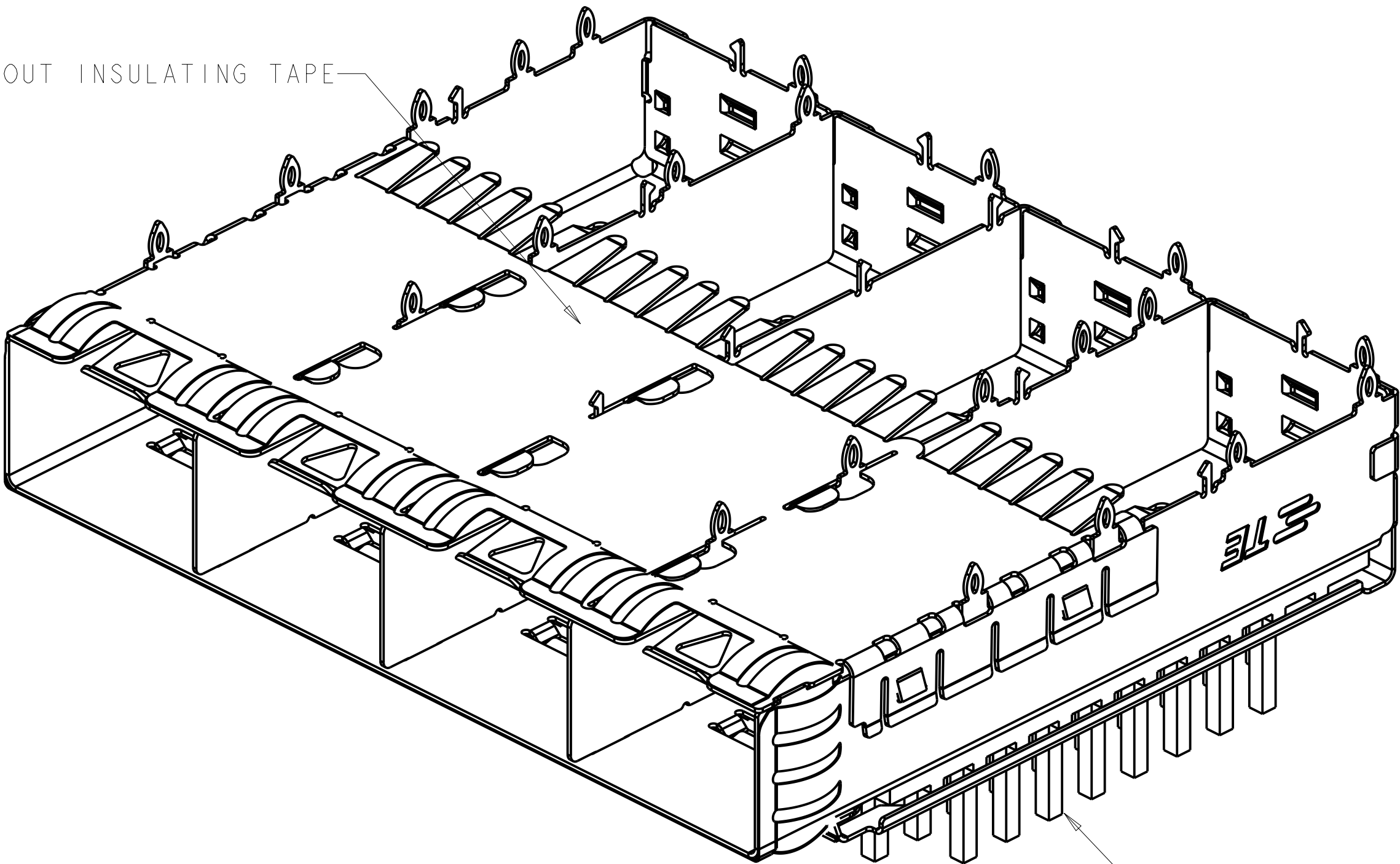
WITH INSULATING TAPE



WITH PIN TYPE HEAT SINK

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

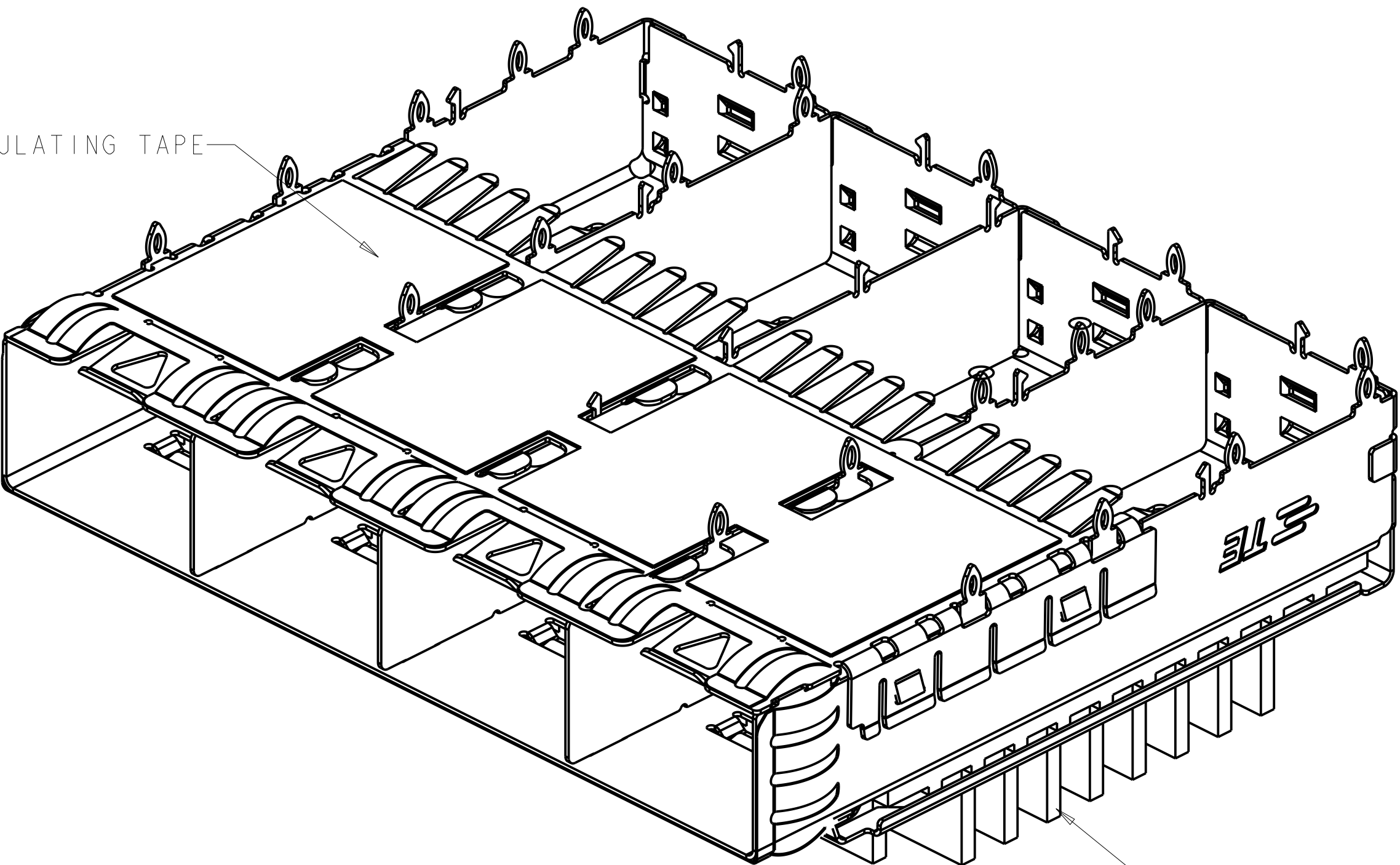
WITHOUT INSULATING TAPE



WITH PIN TYPE HEAT SINK

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

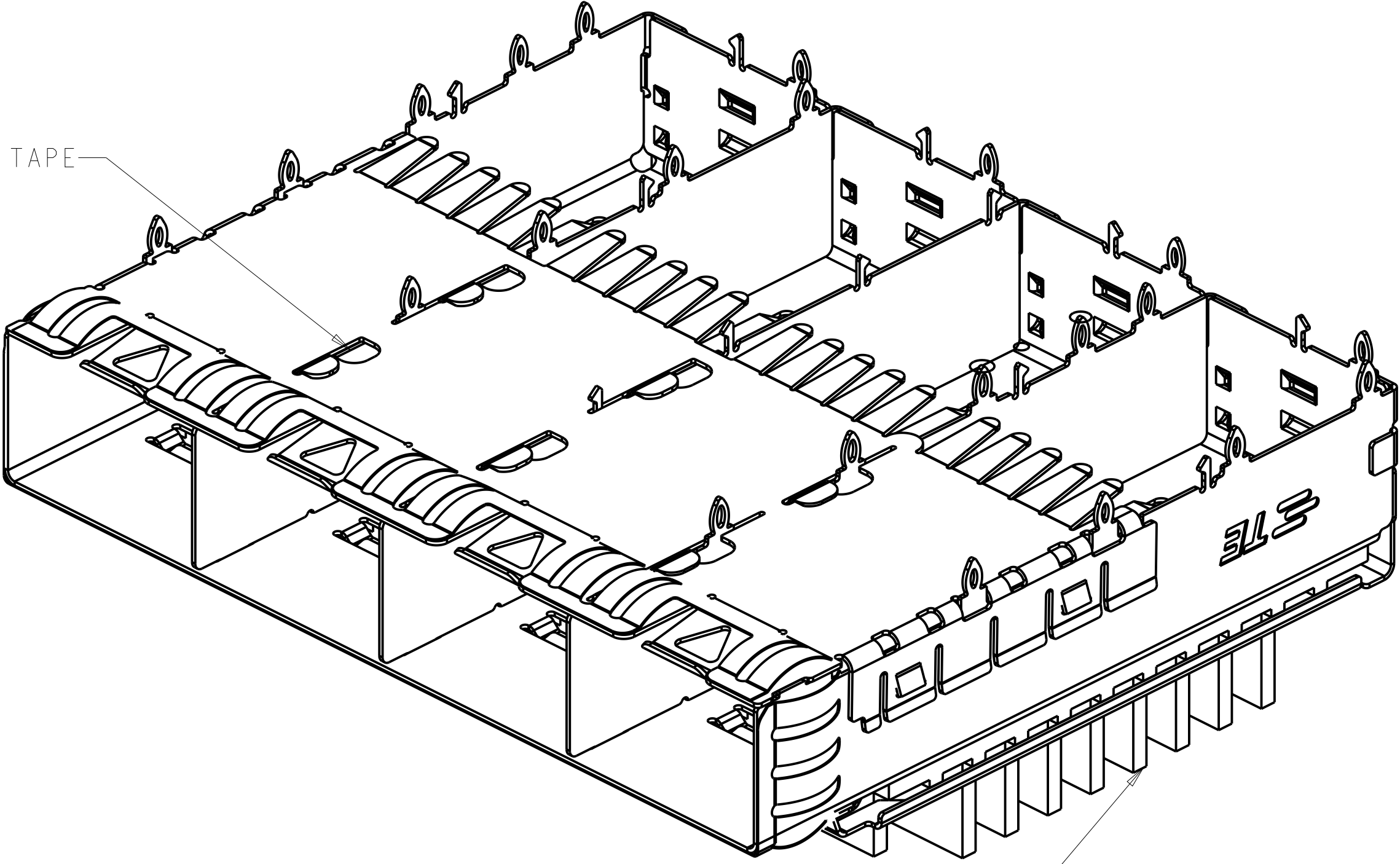
WITH INSULATING TAPE



WITH FIN TYPE HEAT SINK

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

WITHOUT INSULATING TAPE



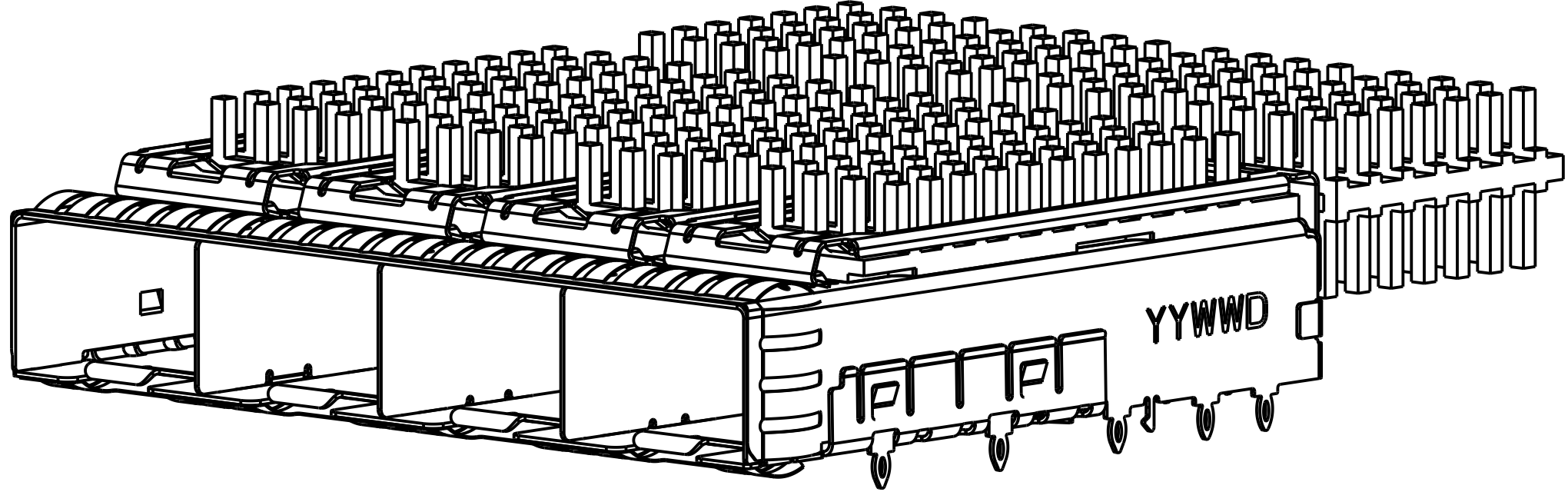
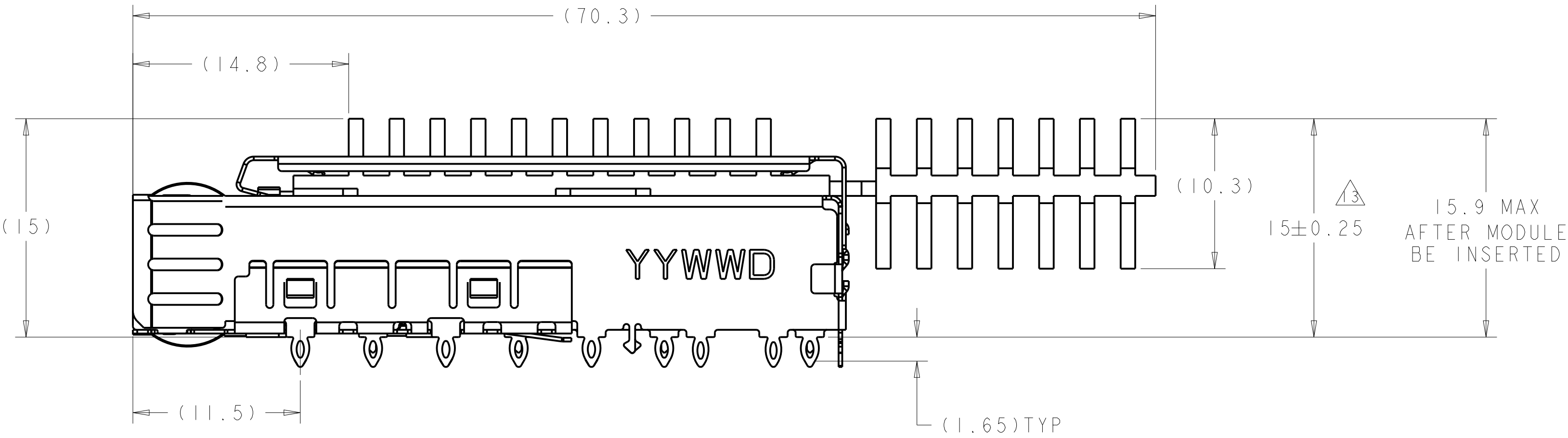
WITH FIN TYPE HEAT SINK

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. SCHMITT 23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 23AUG2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD B. WERTZ 23AUG2010	NAME SFP+ ENHANCED IX4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC	±0.1	SIZE	
	1 PLC	±0.1	CAGE CODE	
	2 PLC	±0.1	DRAWING NO	
	3 PLC	±0.1	RESTRICTED TO	
	4 PLC	±0.1	A100779C=2149730	
	ANGLES	±1°	REV	
MATERIAL	FINISH	WEIGHT	Customer Drawing	
		SCALE	5:1	SHEET 2 OF 8

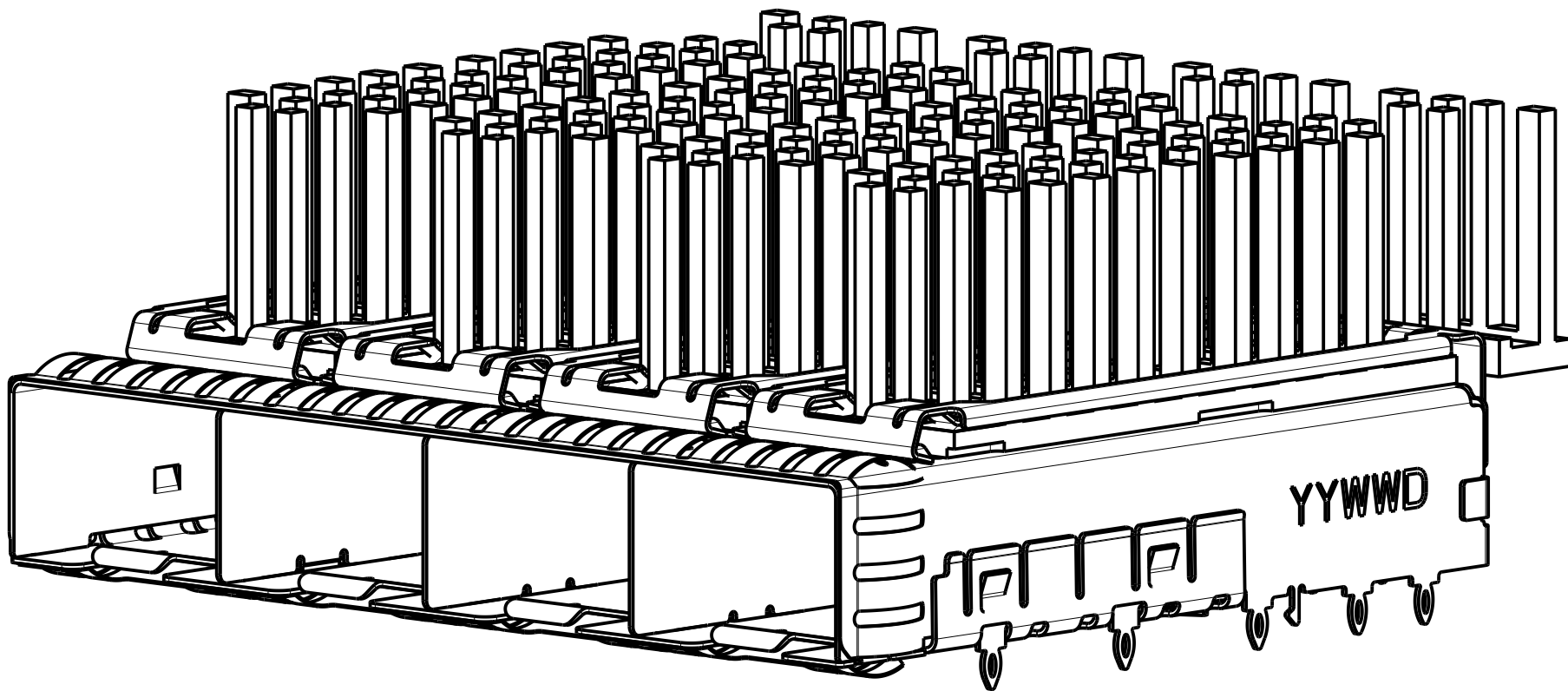
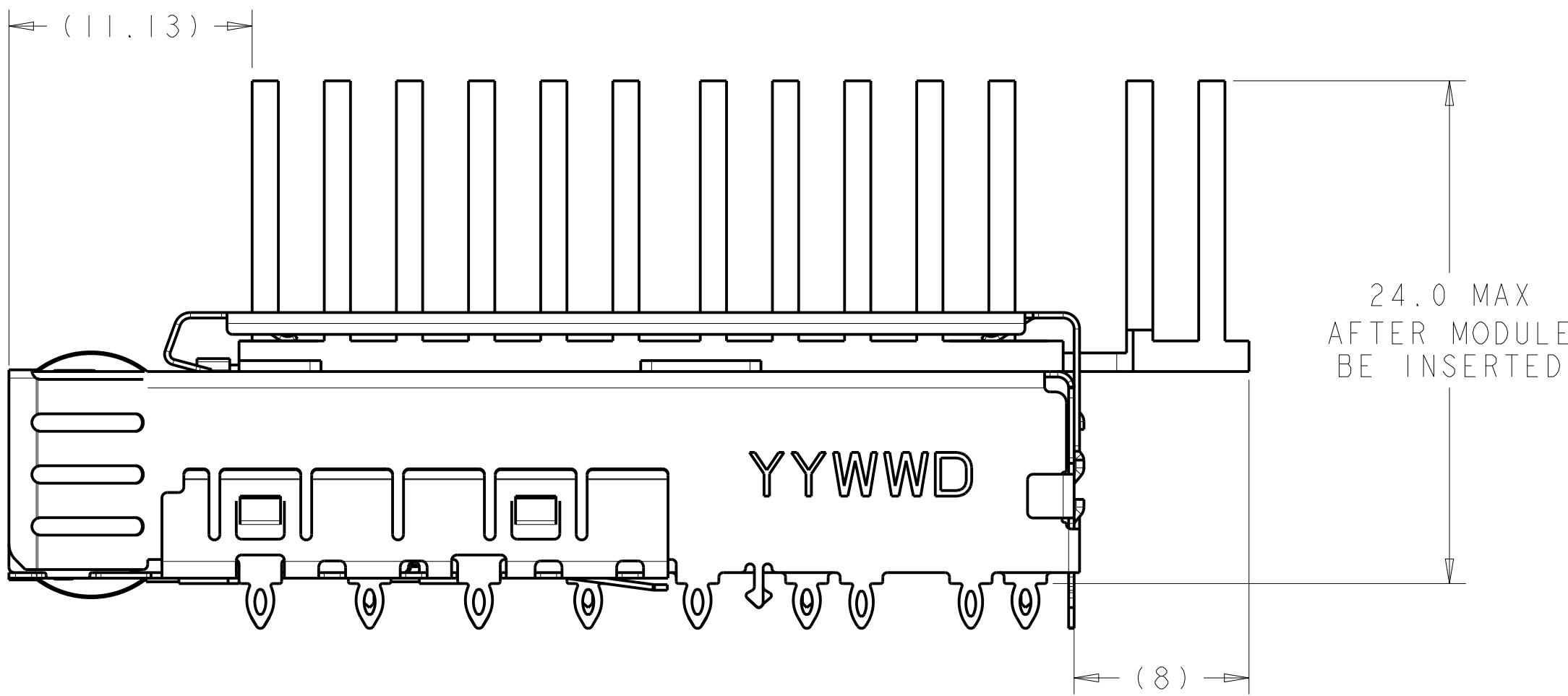
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-

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



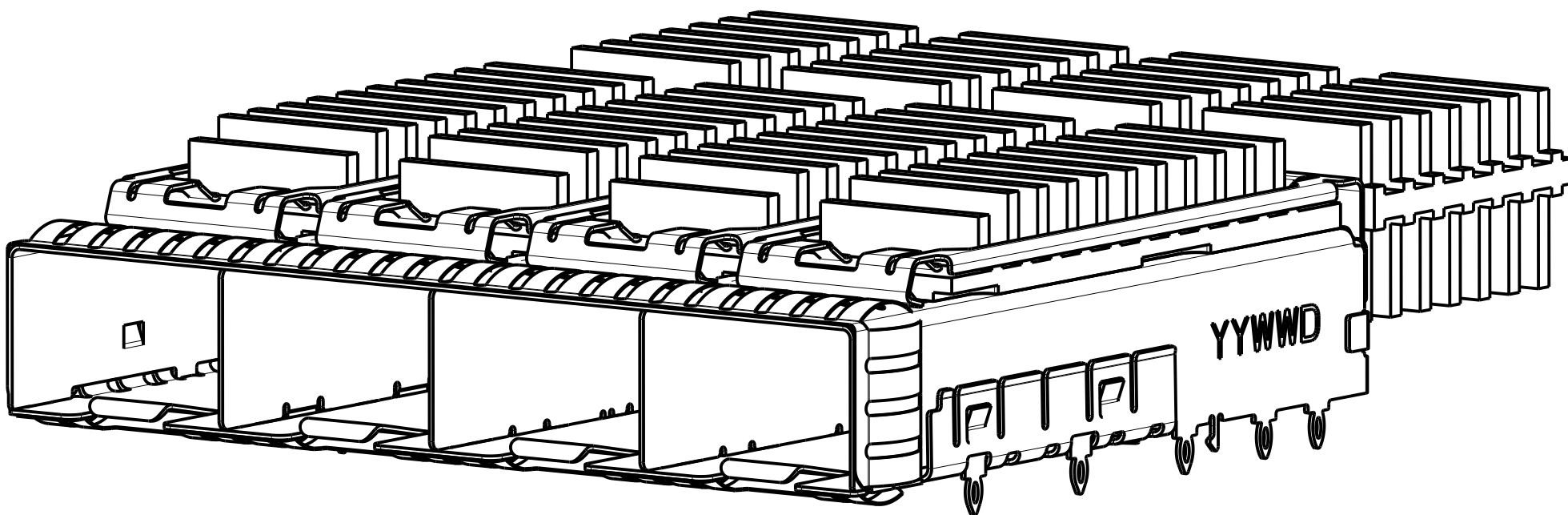
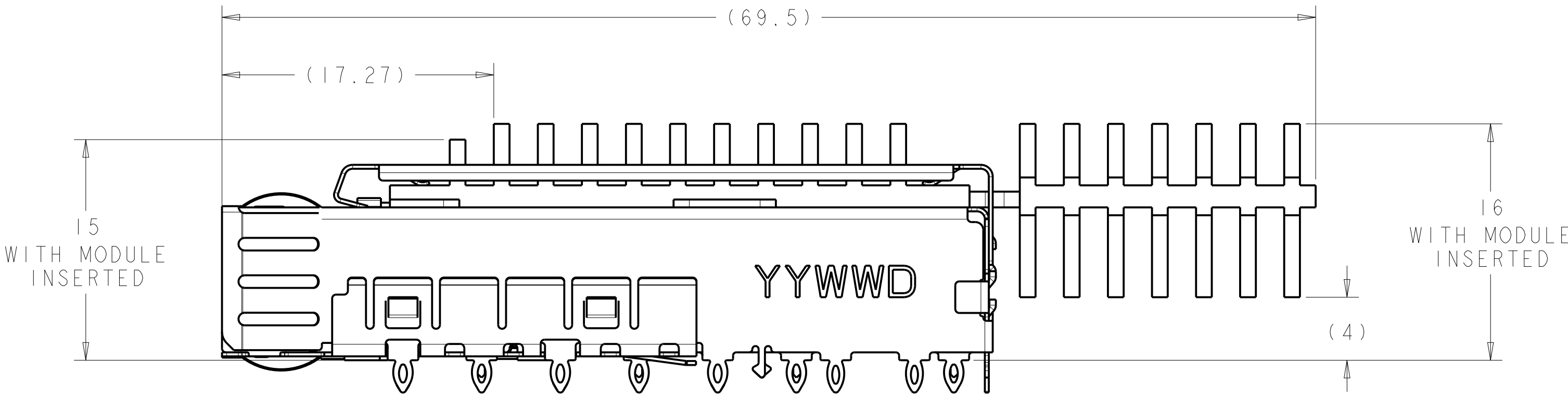
1-2149730-1 3D VIEW
SCALE 3:1

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

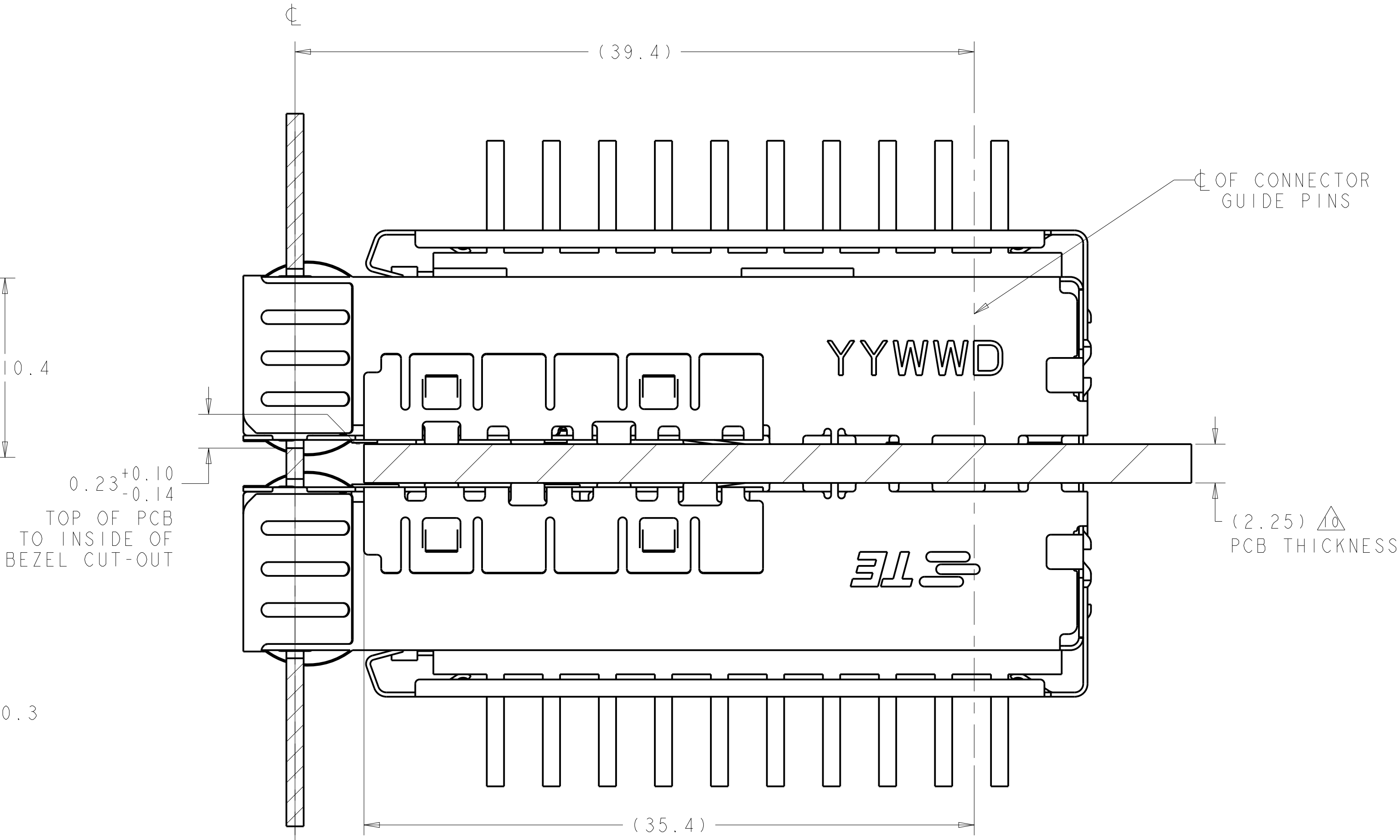
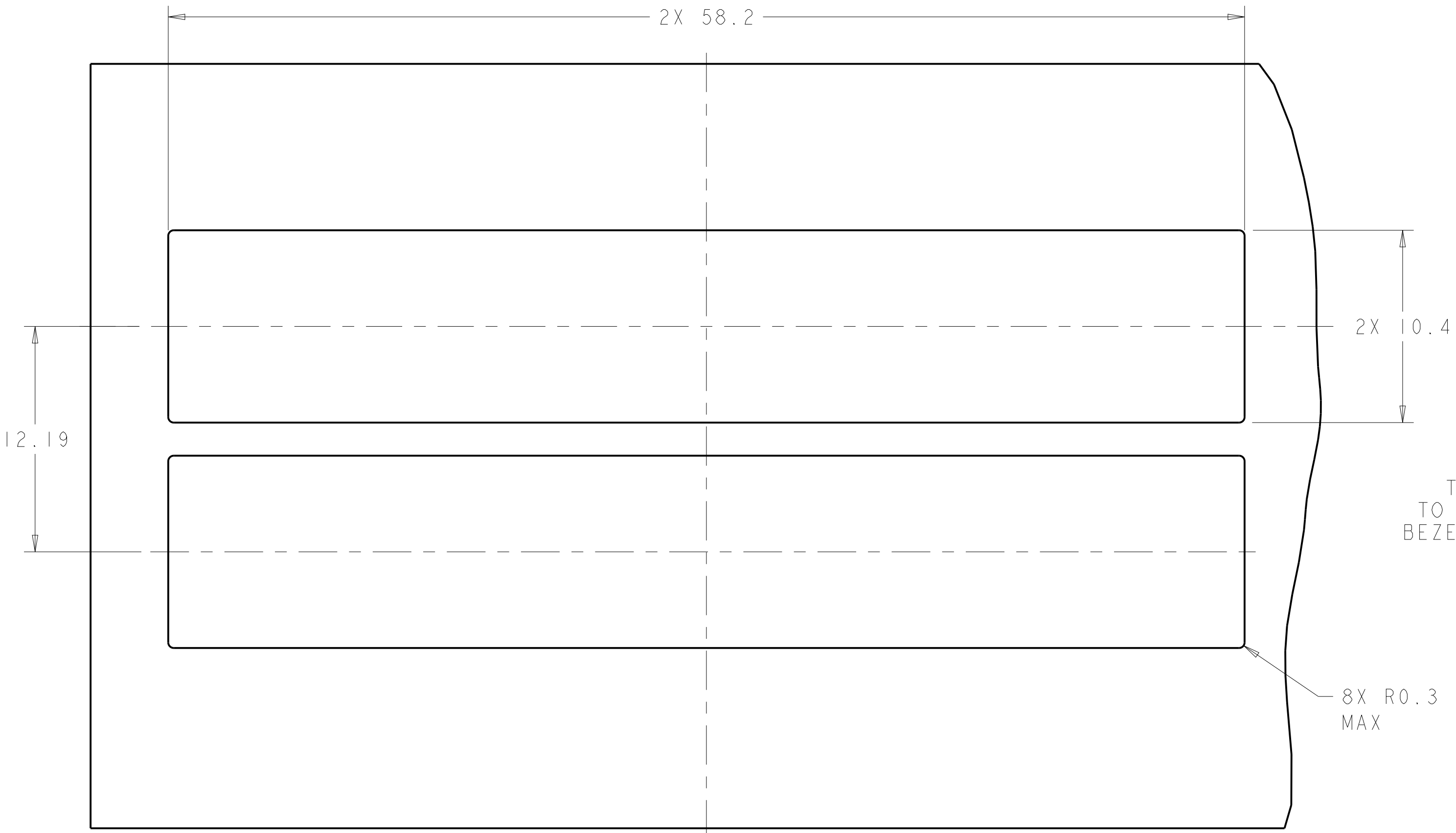
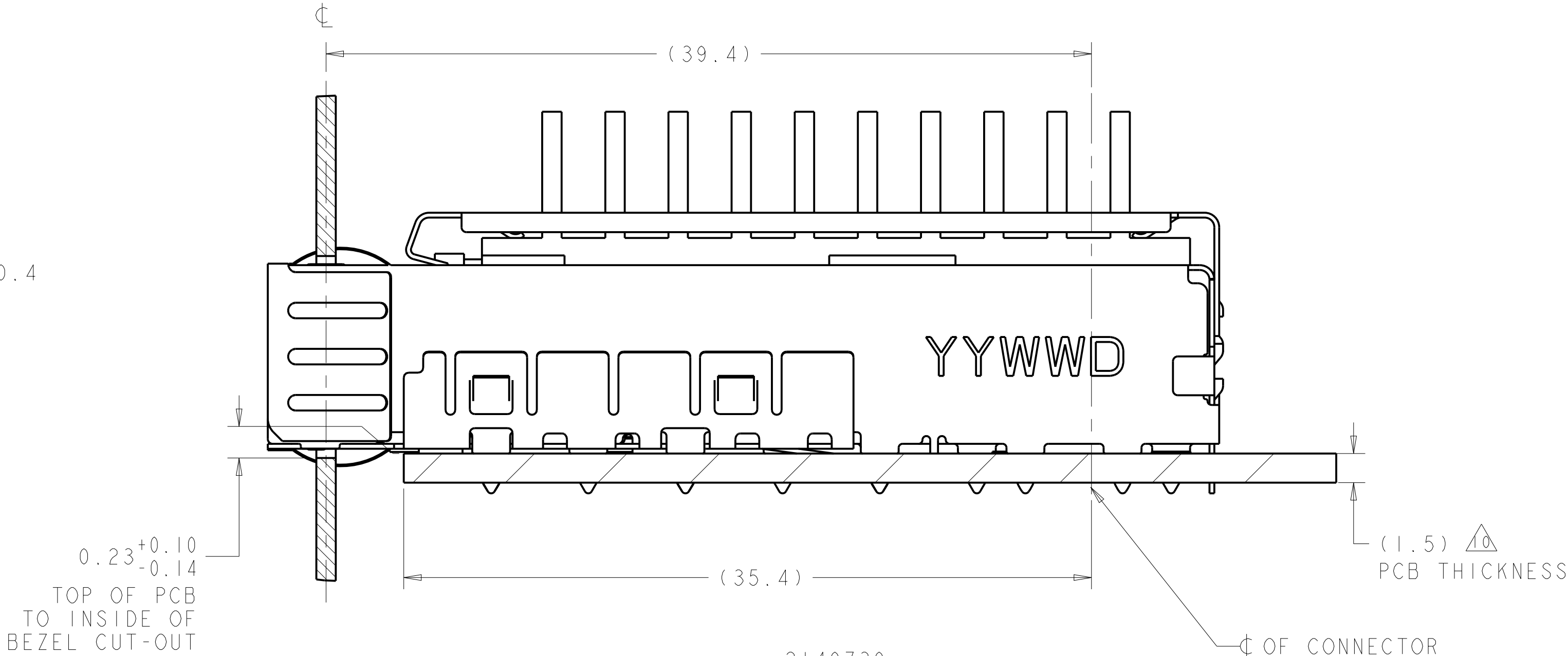
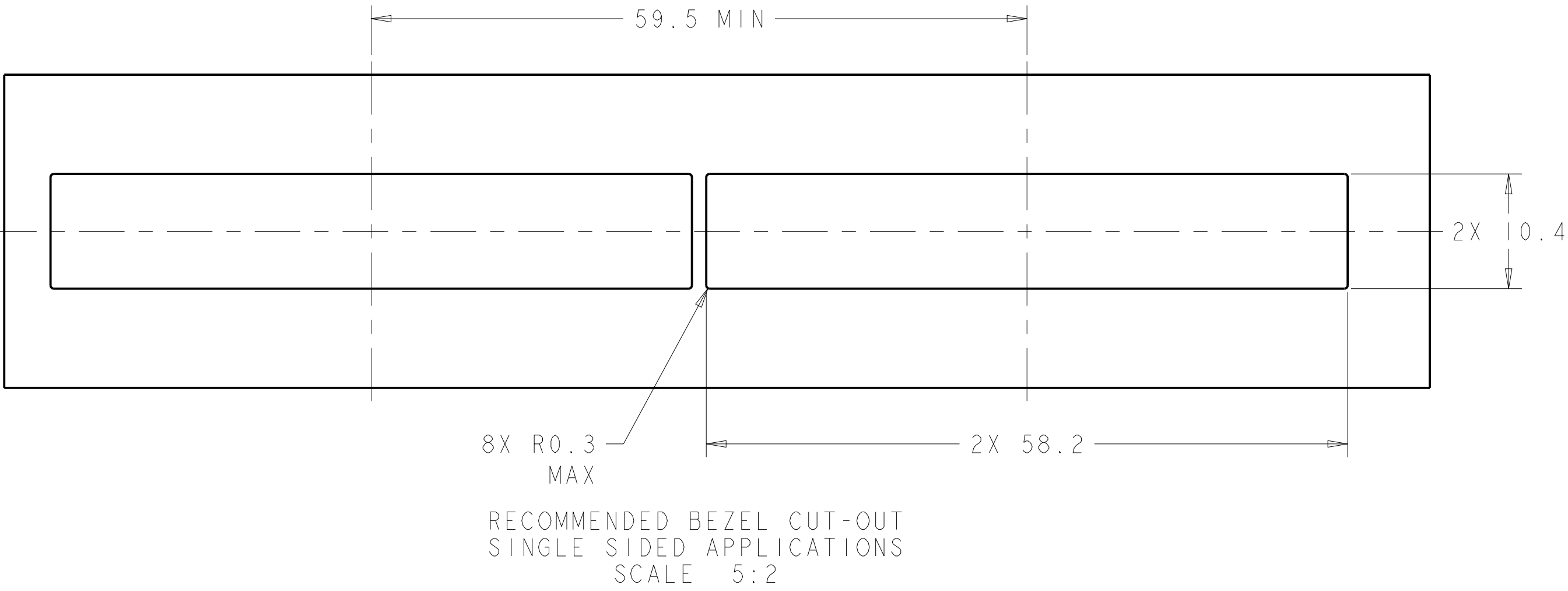


1-2149730-3 3D VIEW
SCALE 3:1

SCALE 4:1

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

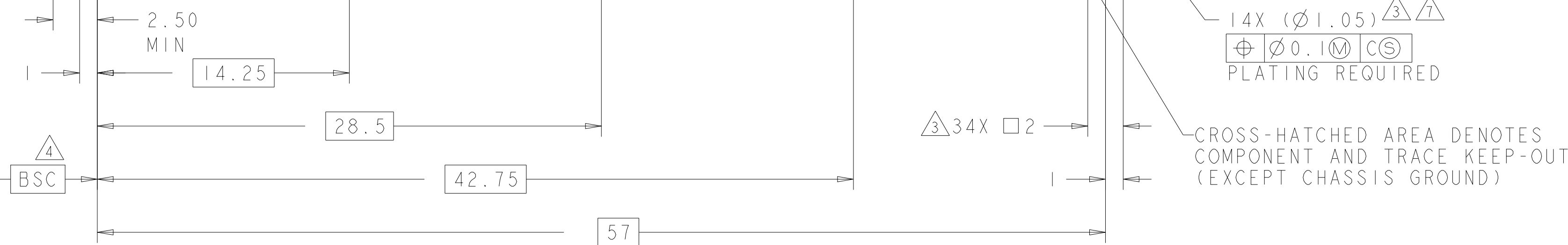
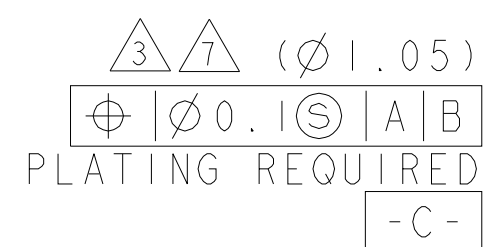
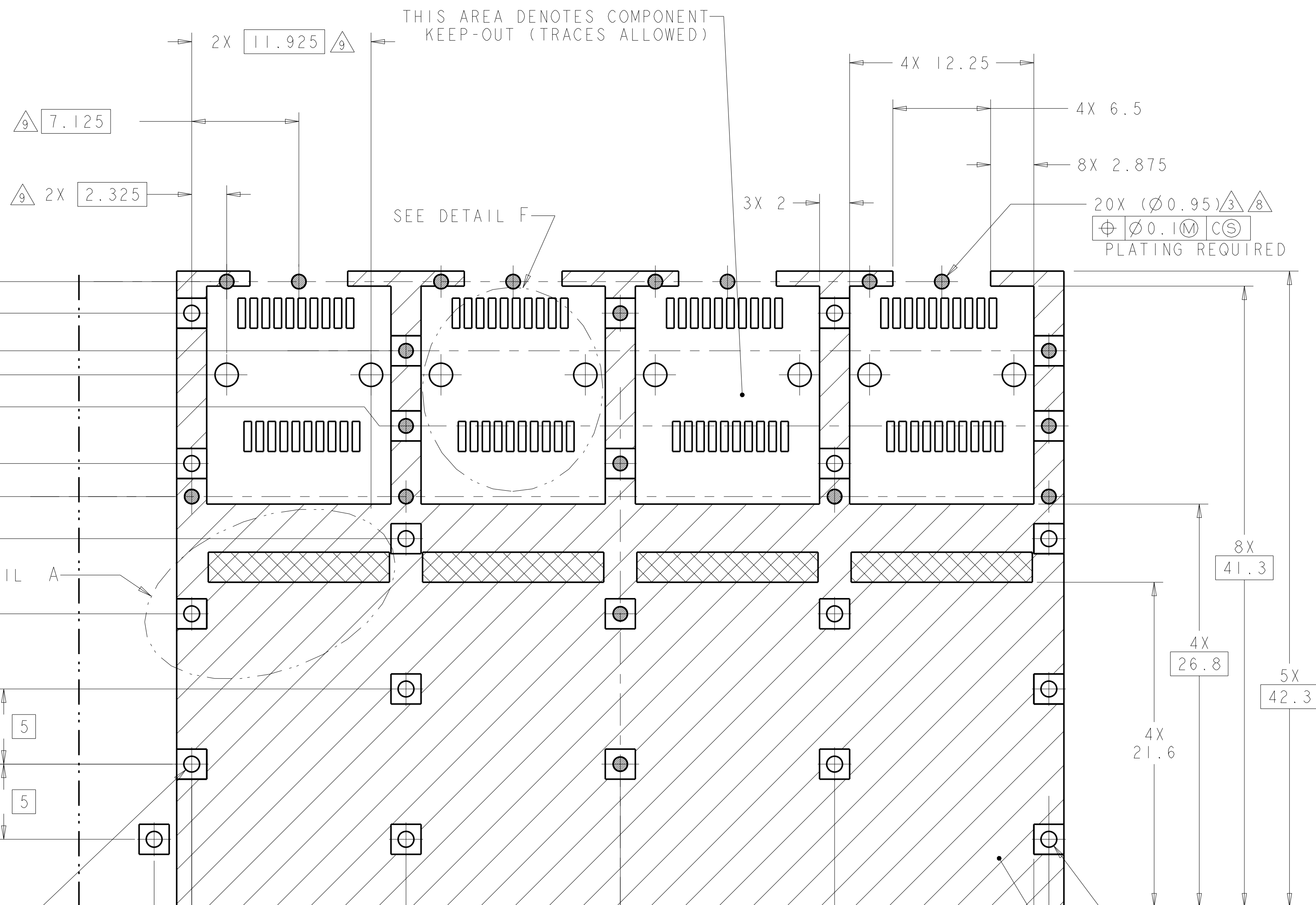
LOC		DIST		REVISIONS			
GP				P	LYR	DESCRIPTION	DATE
						SEE SHEET 1	



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

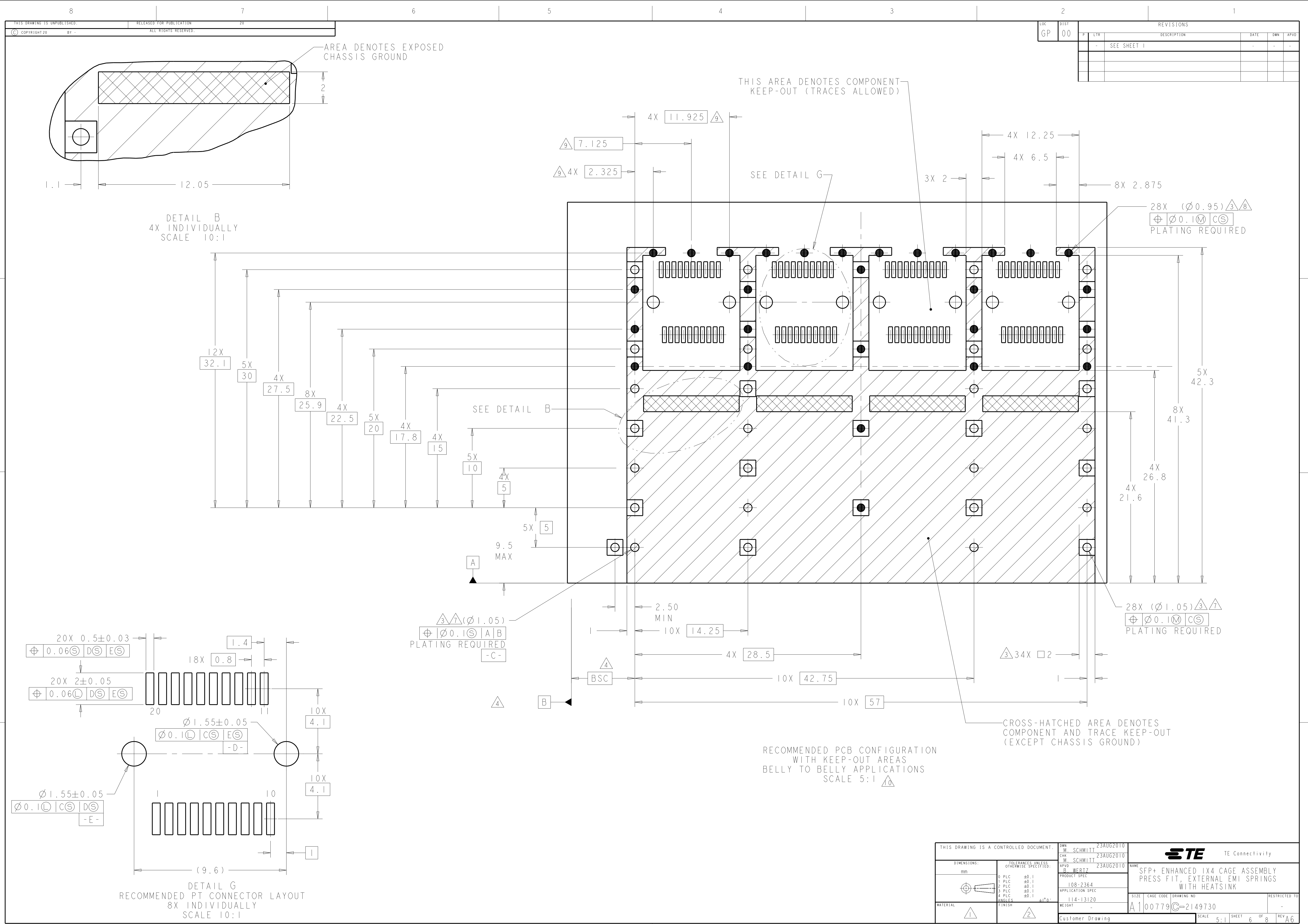
2149730
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

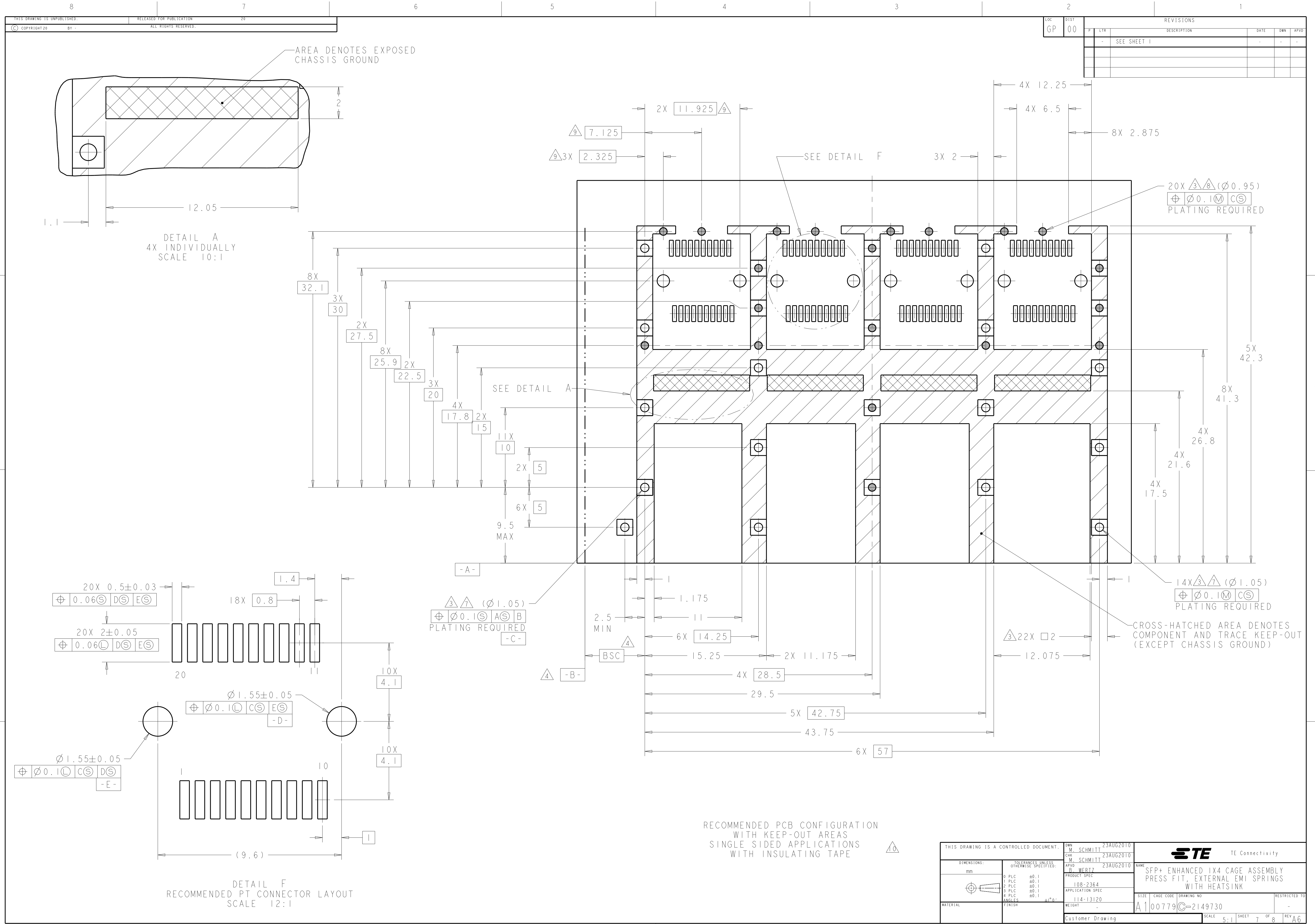
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN M. SCHMITT	23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT	23AUG2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD B. WERTZ	23AUG2010	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1	PRODUCT SPEC 108-2364	APPLICATION SPEC 114-13120	SIZE A100779	
MATERIAL	FINISH	WEIGHT	Customer Drawing	RESTRICTED TO -	
				SCALE 5:1 SHEET 4 OF 8 REV A6	



DETAIL F
RECOMMENDED PT CONNECTOR LAYOUT
4X INDIVIDUALLY
SCALE 12:1

THIS DRAWING IS A CONTROL DOCUMENT.		DWG 23AUG10 M SCHMITT CHK 23AUG10 M SCHMITT APPV B. WERTZ 23AUG10		 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 $\pm 0.1^\circ$		NAME SFP+ ENHANCED IXX4 GAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE A1	
MATERIAL 		FINISH 		CAGE CODE 100779	
WEIGHT -		DRAWING NO C=2149730		RESTRICTED TO -	
Customer Drawing		SCALE 5:1		SHEET 5 OF 8 REV A6	





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

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL		FINISH		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
mm		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1				+1°/0°						5:1		7		8	

NAME		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK		A1		00779		C=2149730			

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

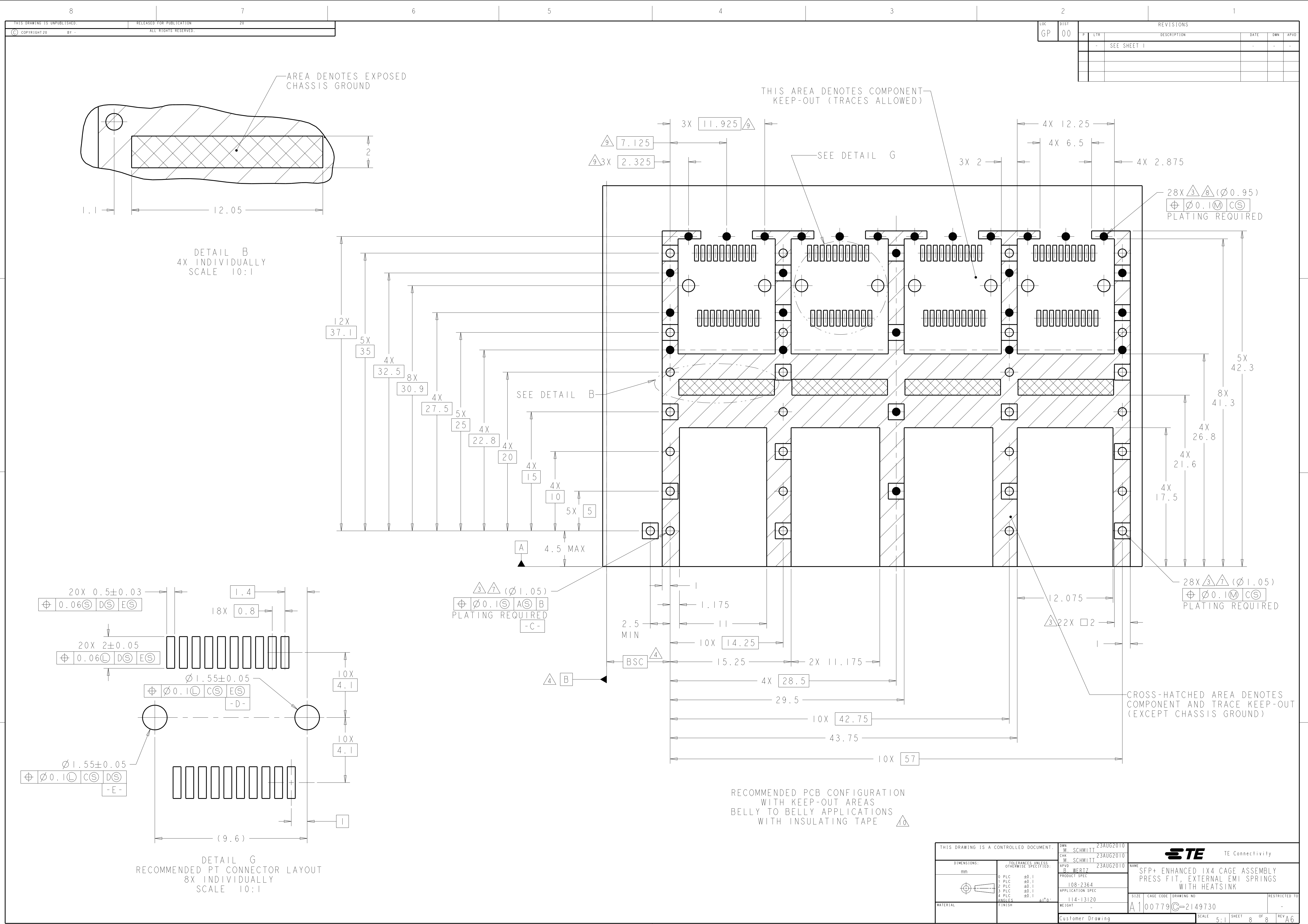
DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		Customer Drawing		SCALE		SHEET		REV	
M. SCHMITT		M. SCHMITT		B. WERTZ		108-2364		114-13120						5:1		7		8	
23AUG2010		23AUG2010		23AUG2010															

DWN		CHK		APVD	
-----	--	-----	--	------	--



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-2149730-0](#)