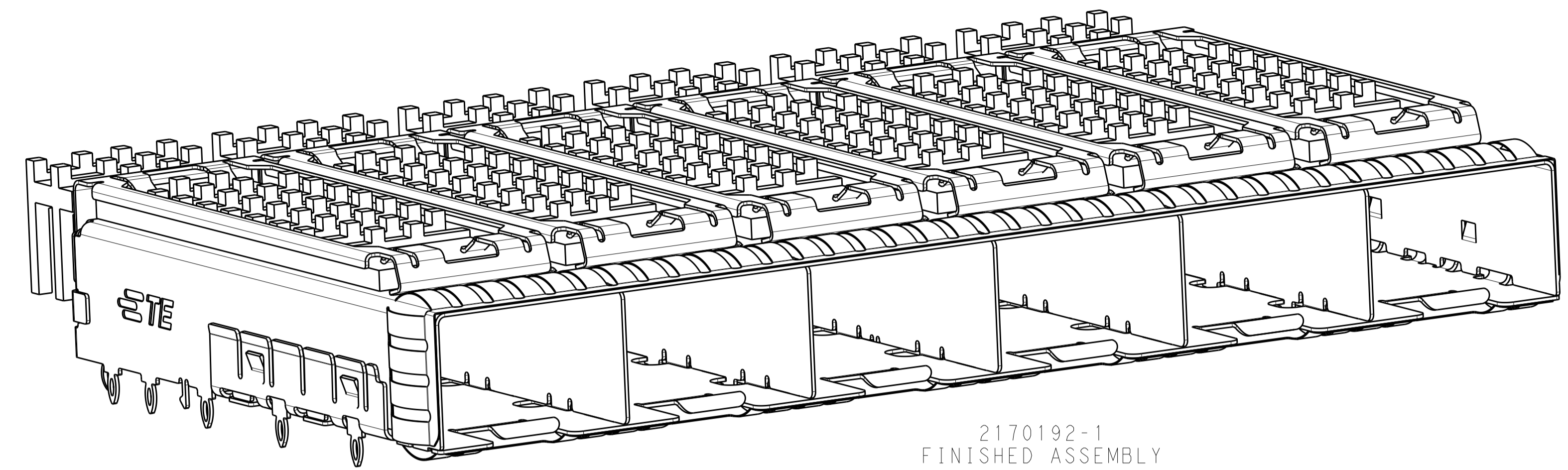
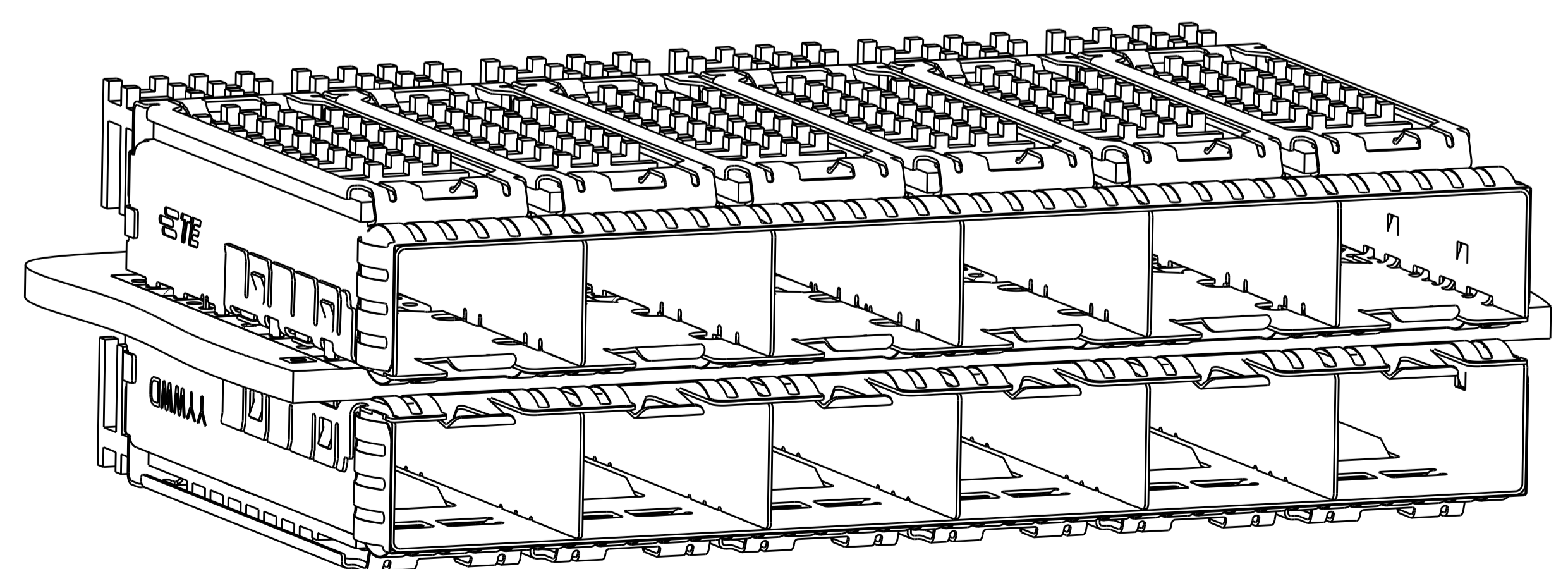
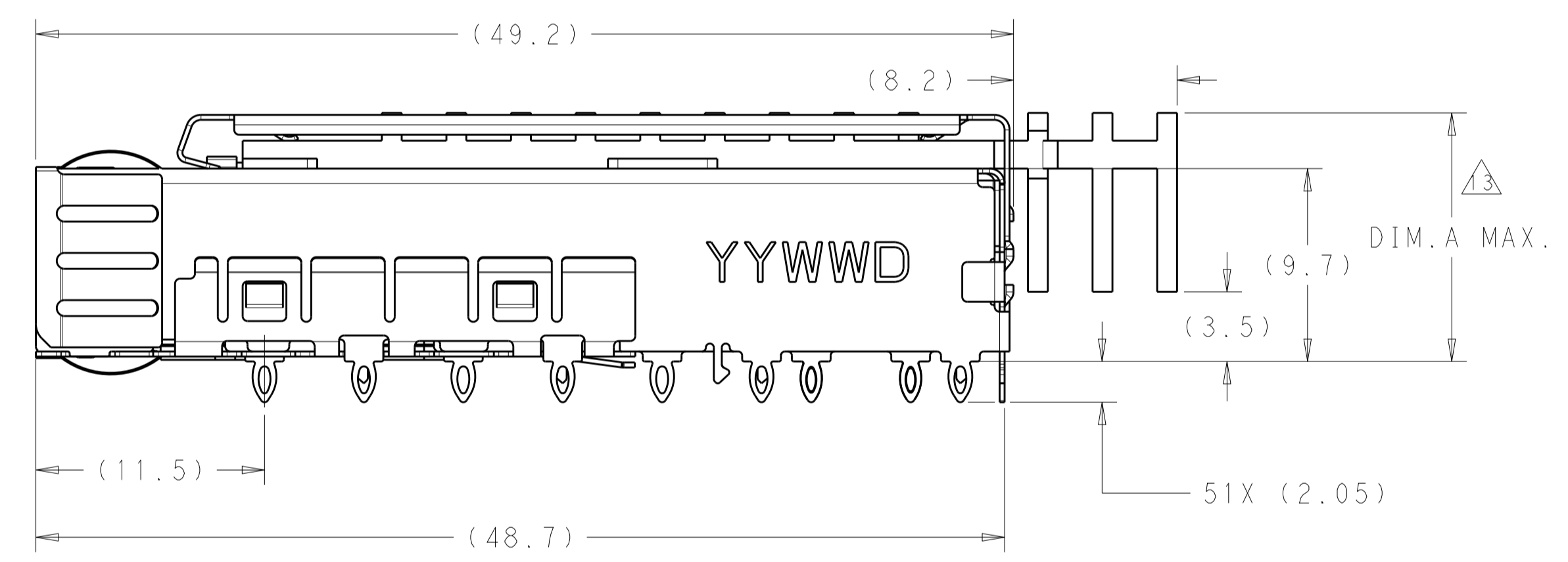
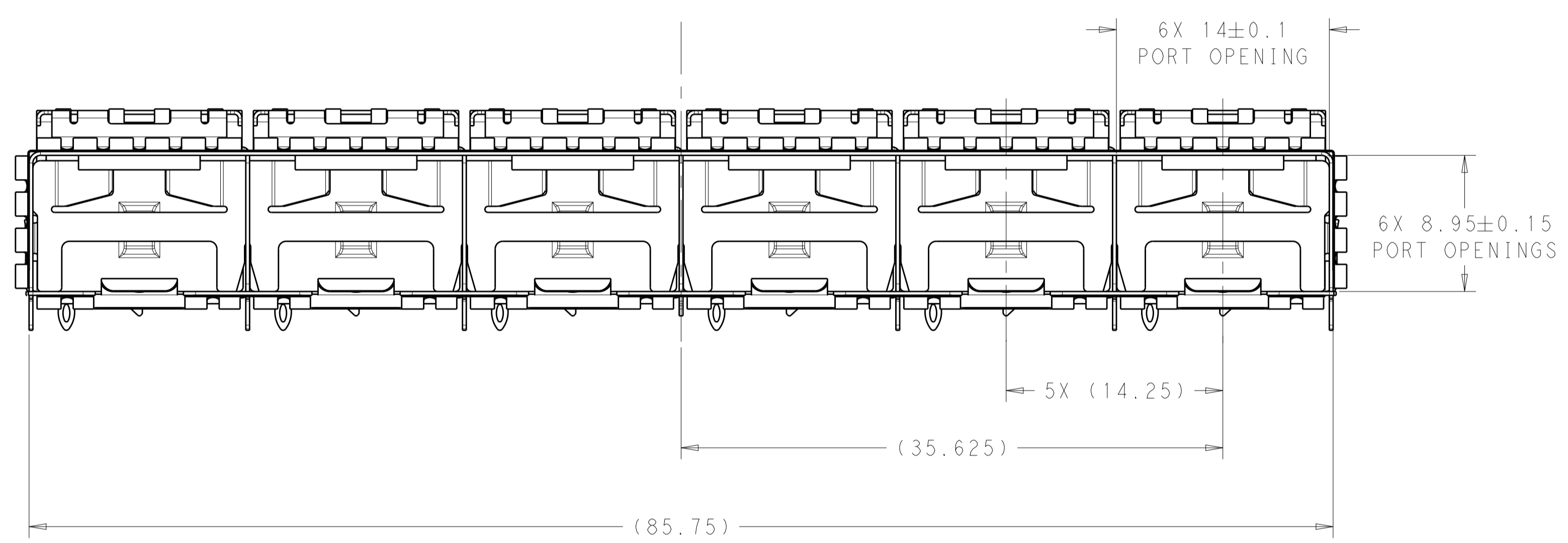


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		INITIAL RELEASE	10AUG2015	JW	SH



2170192-1
 FINISHED ASSEMBLY
 SCALE 4:1

- 1 MATERIAL:
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.
 HEATSINK CLIP: STAINLESS STEEL
 HEATSINK: ALUMINUM
- 2 FINISH:
 SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE. NON-PLATED EDGES PERMISSIBLE.
 HEATSINK CLIP: PASSIVATE
 2170192-1/-2 HEATSINK: HARD ANODIC COATING
 2170192-3 HEATSINK: BLACK ANODIZE
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4 PADS AND VIAS CHASSIS GROUND.
- 5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
- 6 MINIMUM PCB BOARD THICKNESS:
 SINGLE SIDED = 1.50
 DOUBLE SIDED = 2.25
- 7 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 8 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 9 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 10 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 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



2170192-1
 MOUNTED BELLY TO BELLY ON PCB
 SCALE 3:1

PRELIMINARY

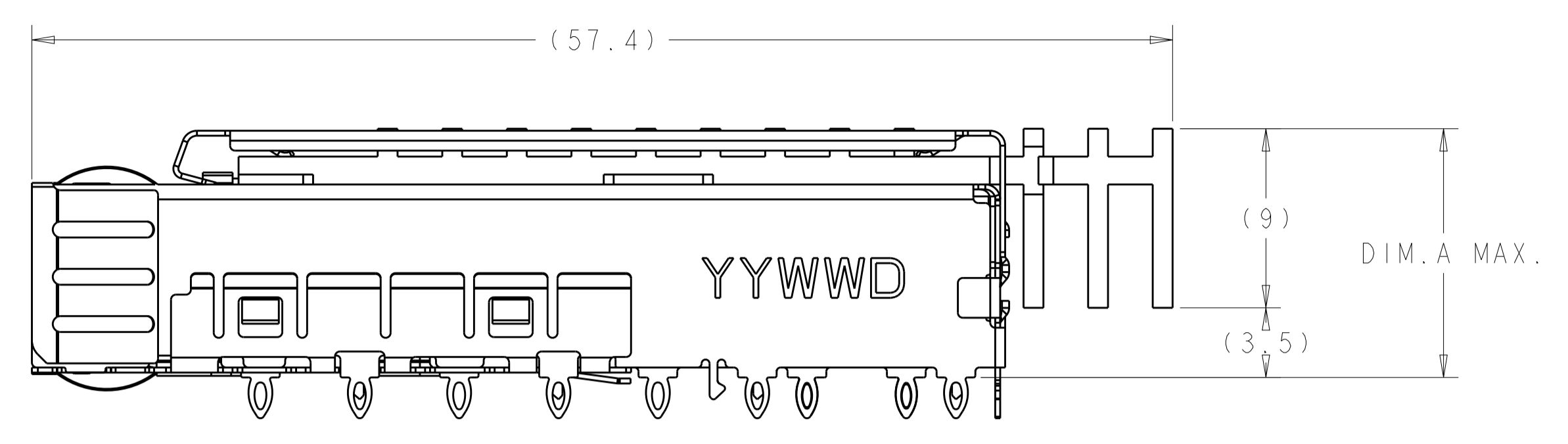
DESCRIPTION	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
HEAT SINK W/ THE FIRST ROW PIN	13.10 MAX.(WORKING)		22NOV2011	2170192-3
HEAT SINK W/ THE FIRST ROW PIN	20.2 MAX		22NOV2011	2170192-2
HEAT SINK W/O THE FIRST ROW PIN	13 MAX		22NOV2011	2170192-1
HEAT SINK	A			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

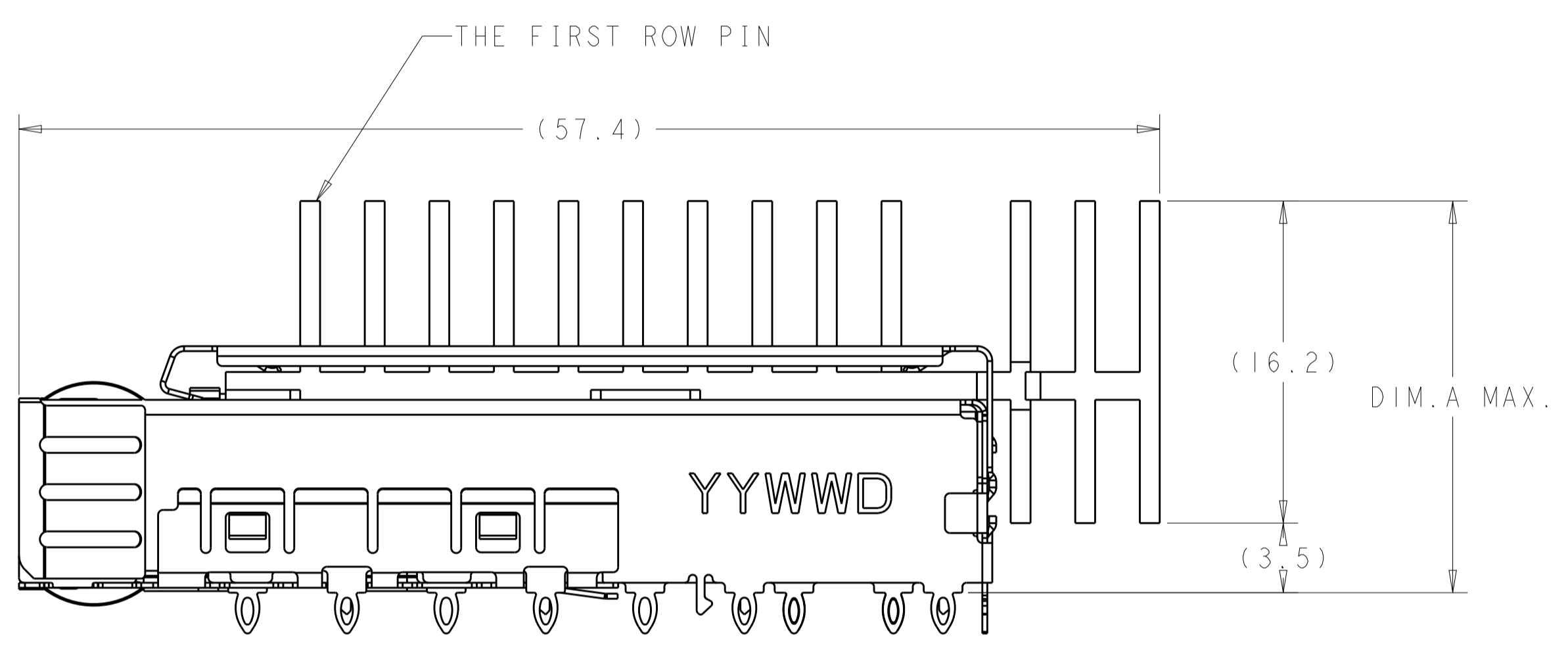
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: TIM XUE 22NOV2011	TE Connectivity NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: - Customer Drawing
mm	0 PLC ±0.25 1 PLC ±0.20 2 PLC ±0.15 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1*	CHK: ALEX CAI 22NOV2011	
		APVD: ALEX CAI 22NOV2011	
MATERIAL:		FINISH:	

SCALE 4:1 SHEET 1 OF 5 REV A

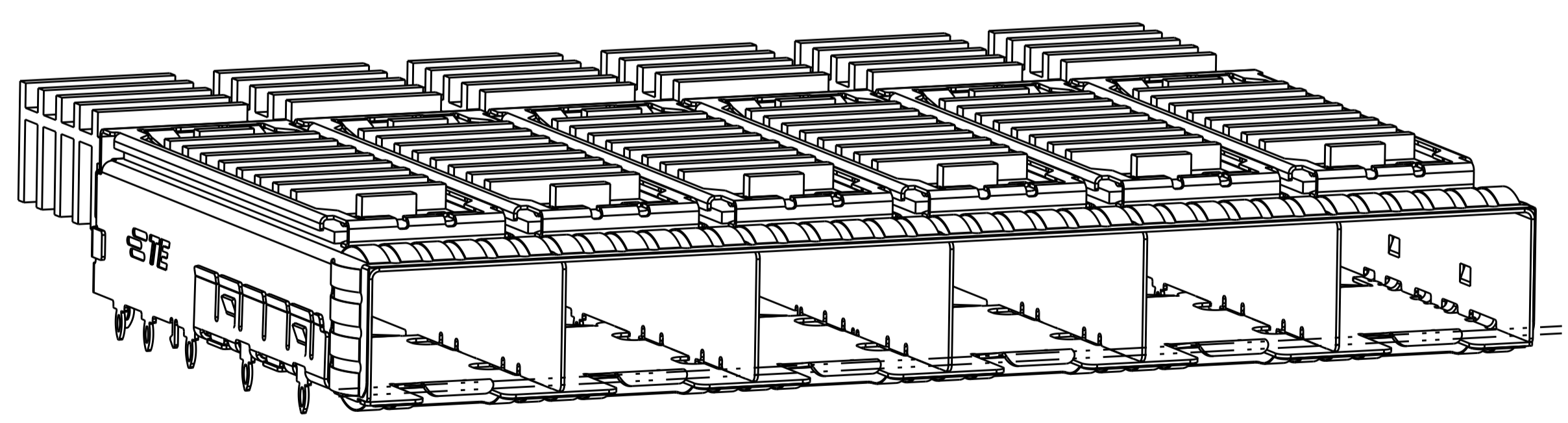
LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



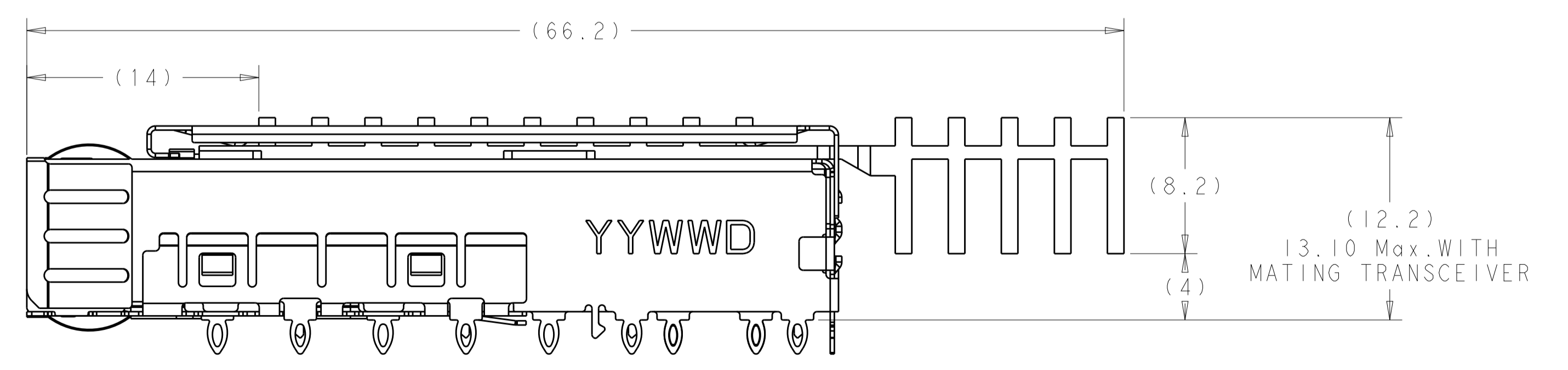
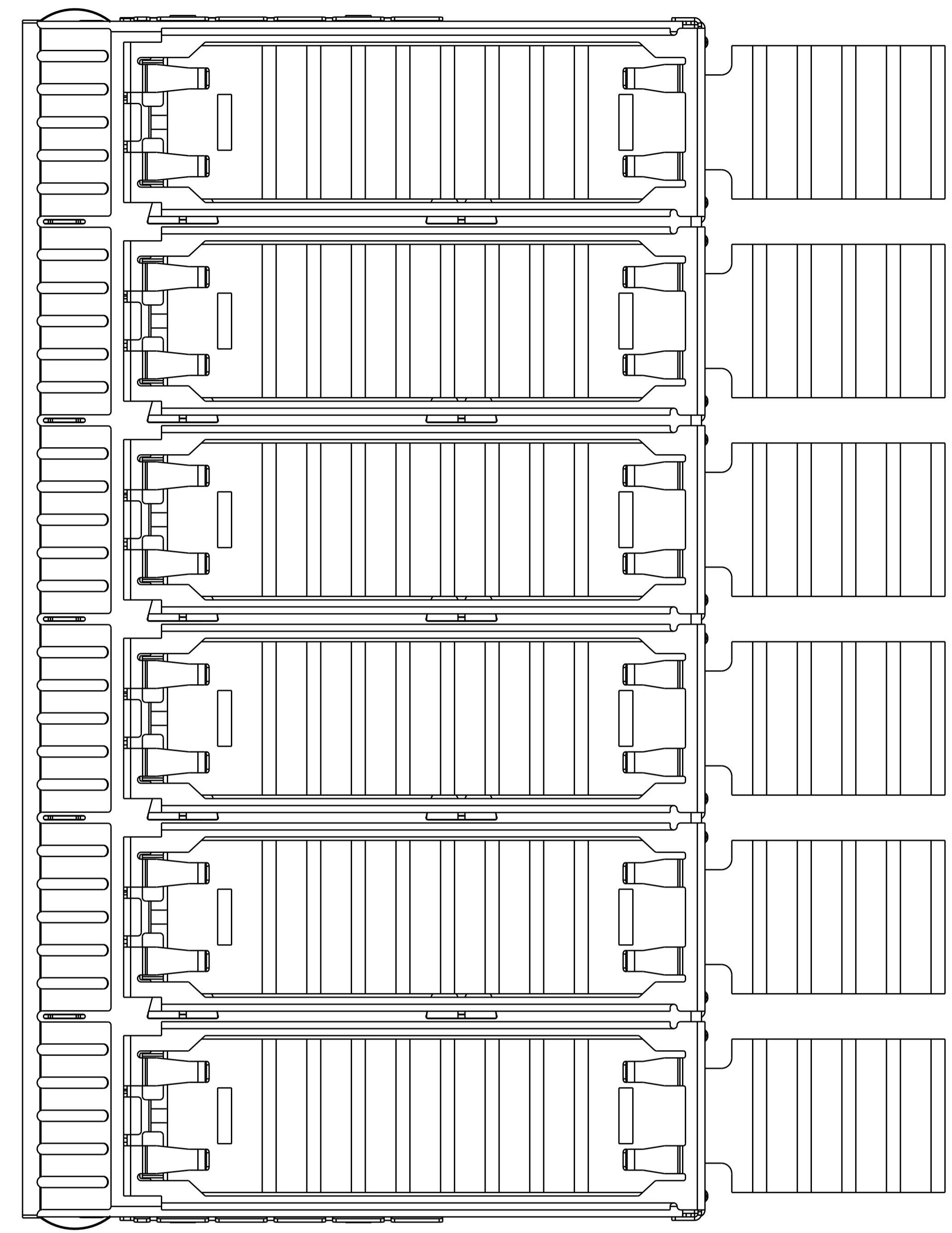
2170192-1 AS SHOWN
HEAT SINK W/O THE FIRST ROW PIN



2170192-2 AS SHOWN



2170192-3 AS SHOWN

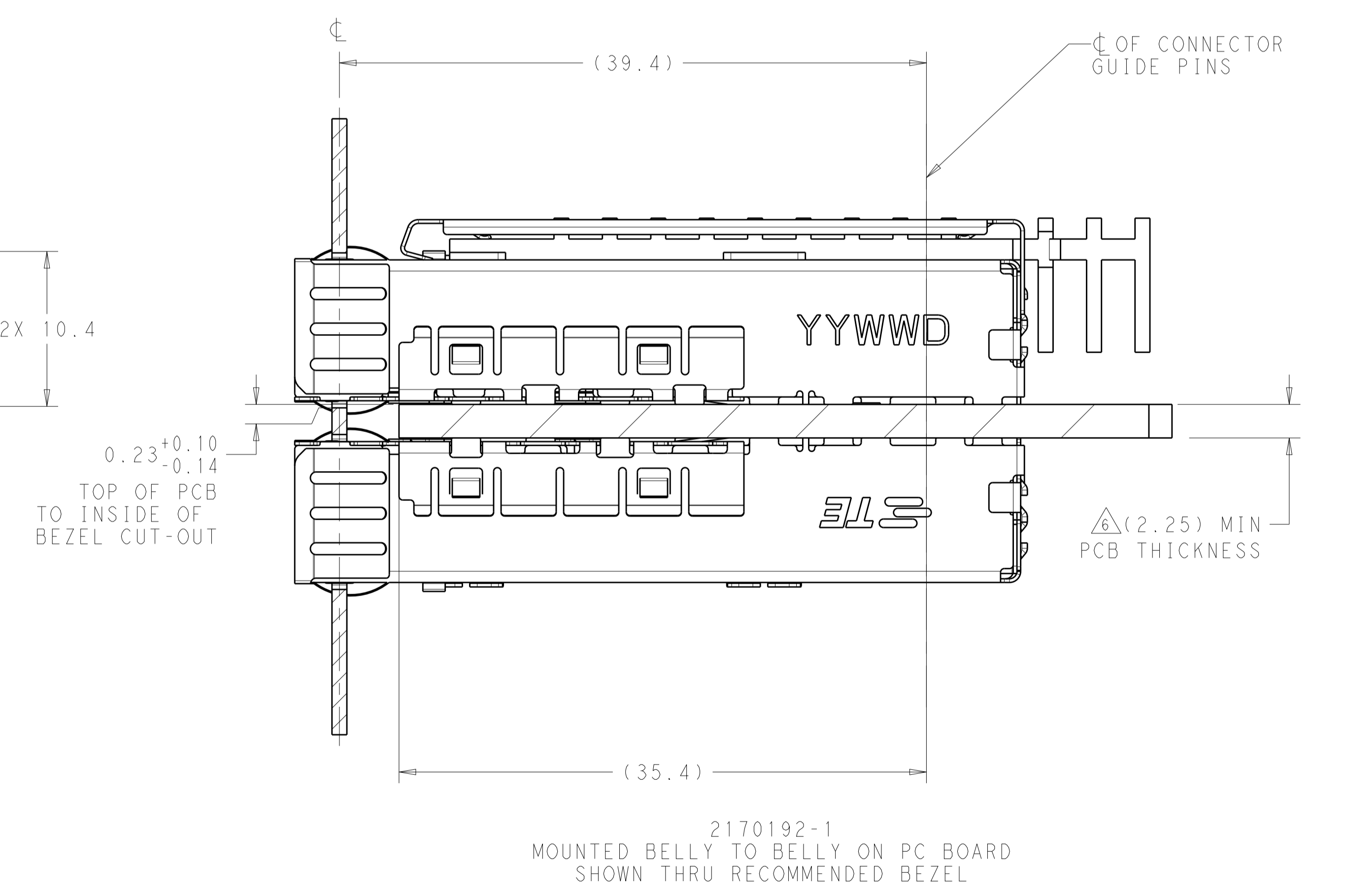
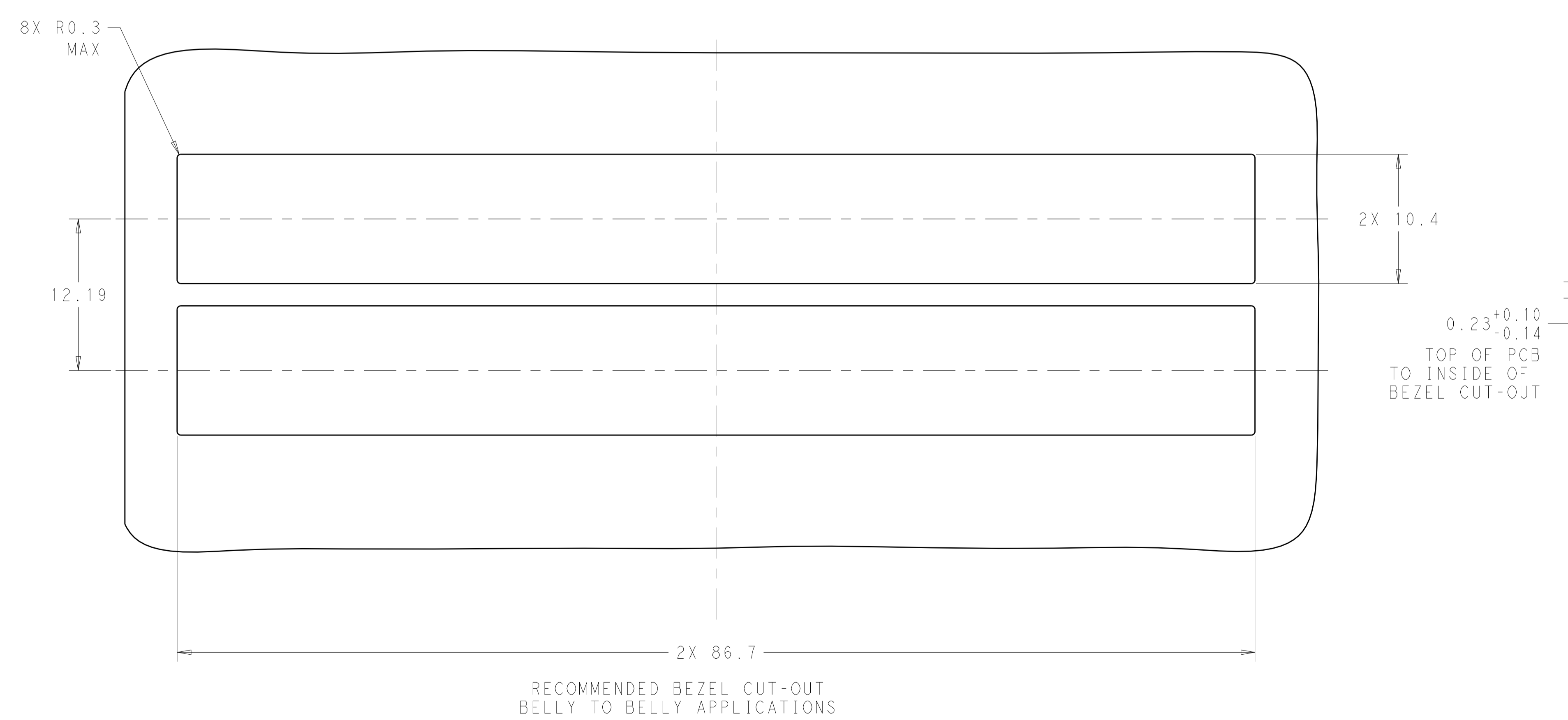
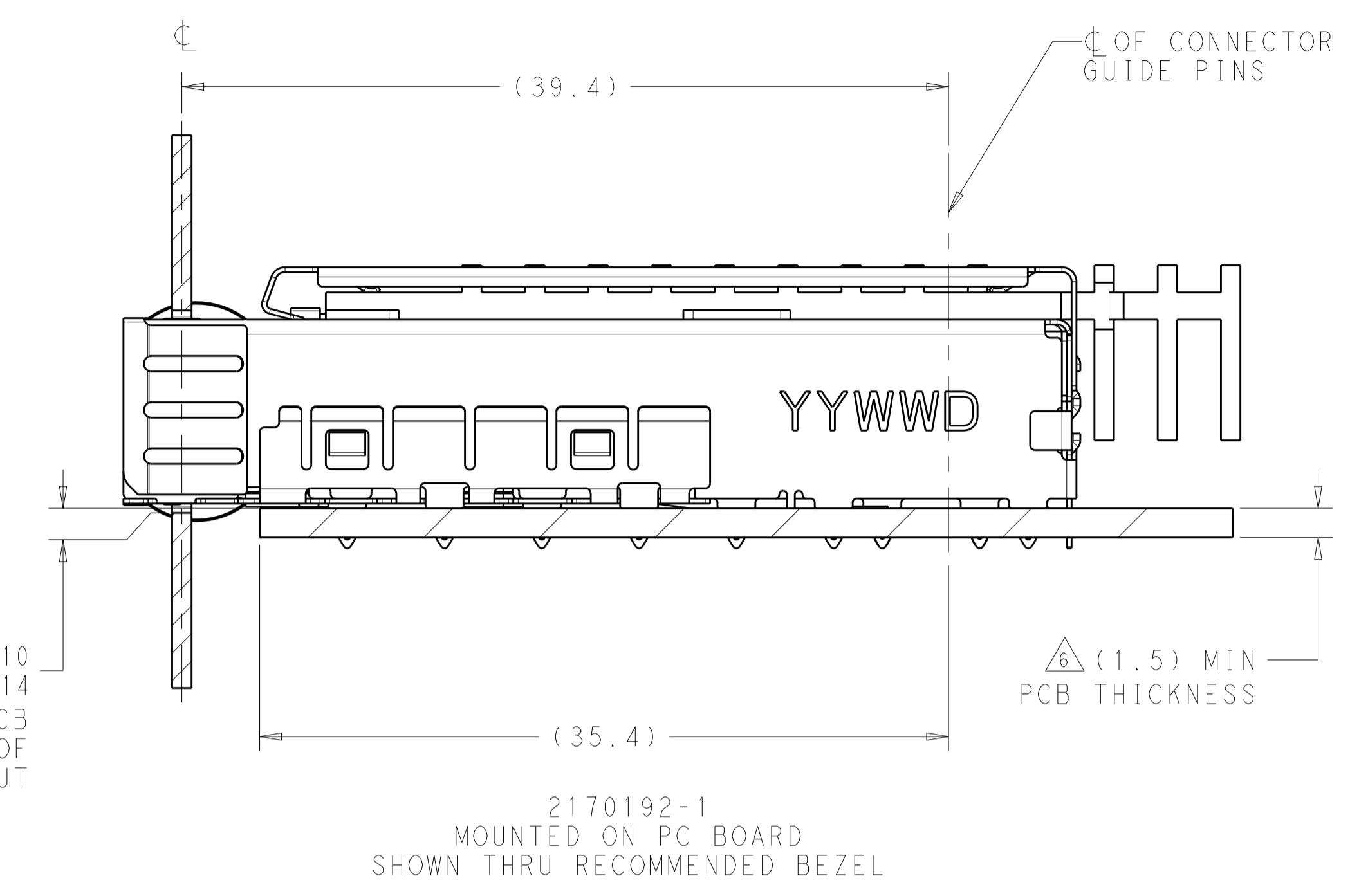
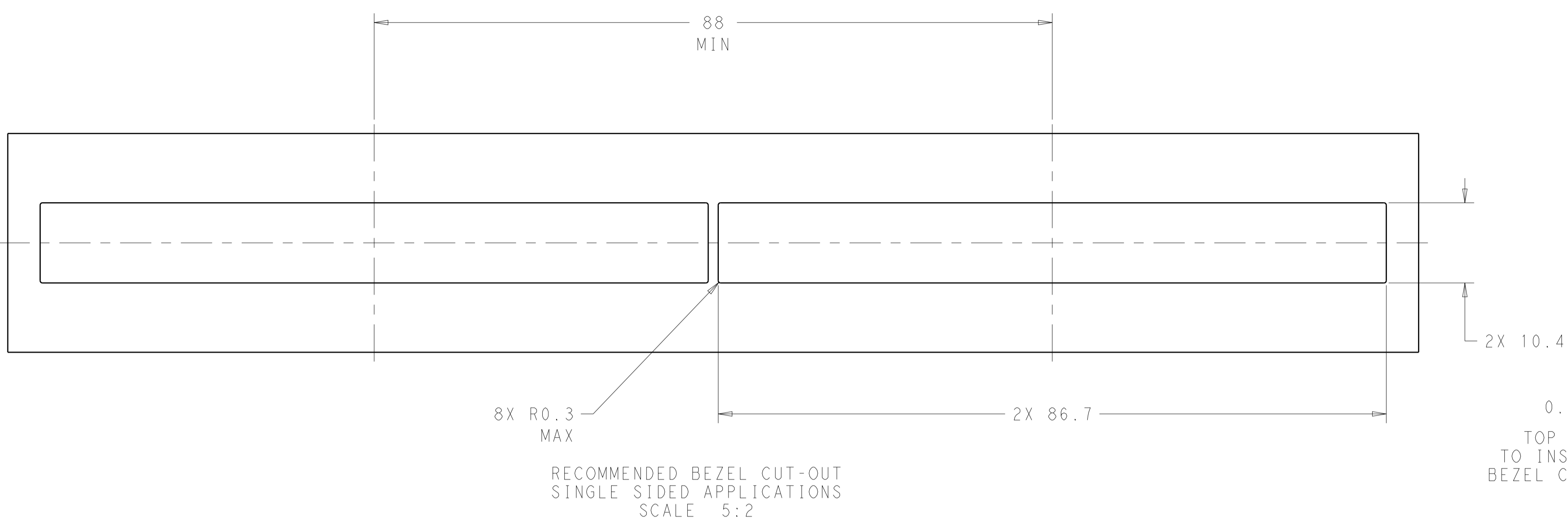


2170192-3 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN	TIM_XUE	22NOV2011	TE Connectivity NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
DIMENSIONS:		CHK	ALEX_CAI	22NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	ALEX_CAI	22NOV2011	
mm		PRODUCT SPEC	108-2364	APPLICATION SPEC	
0 PLC	±0.25	SIZE	114-13120	RESTRICTED TO	
1 PLC	±0.20	WEIGHT	-	A100779C=2170192	
2 PLC	±0.15	Customer Drawing	SCALE	4:1	
3 PLC	±0.1		SHEET	2 OF 5	
4 PLC	±0.1		REV	A	
ANGLES	±1°				
MATERIAL	FINISH				

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS		DATE	BY	APPD
1	SEE SHEET 1			



THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: TIM XUE 22NOV2011	STE TE Connectivity
DIMENSIONS: mm		CHK: ALEX CAI 22NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: ALEX CAI 22NOV2011	NAME: SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
0 PLC ±0.25		PRODUCT SPEC: 108-2364	
1 PLC ±0.20		APPLICATION SPEC: 114-13120	SIZE: A100779C=2170192
2 PLC ±0.15		WEIGHT: -	
3 PLC ±0.1		Customer Drawing	SCALE: 4:1
4 PLC ±0.1			SHEET 3 OF 5
ANGLES ±0.1			REV A
FINISH: #1*			

