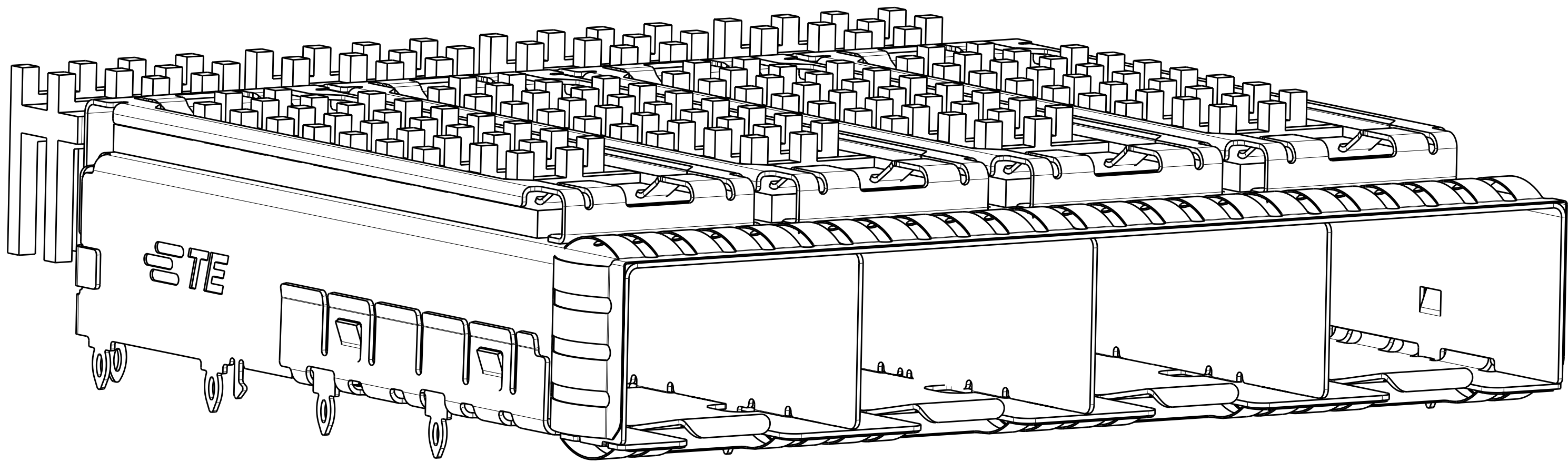
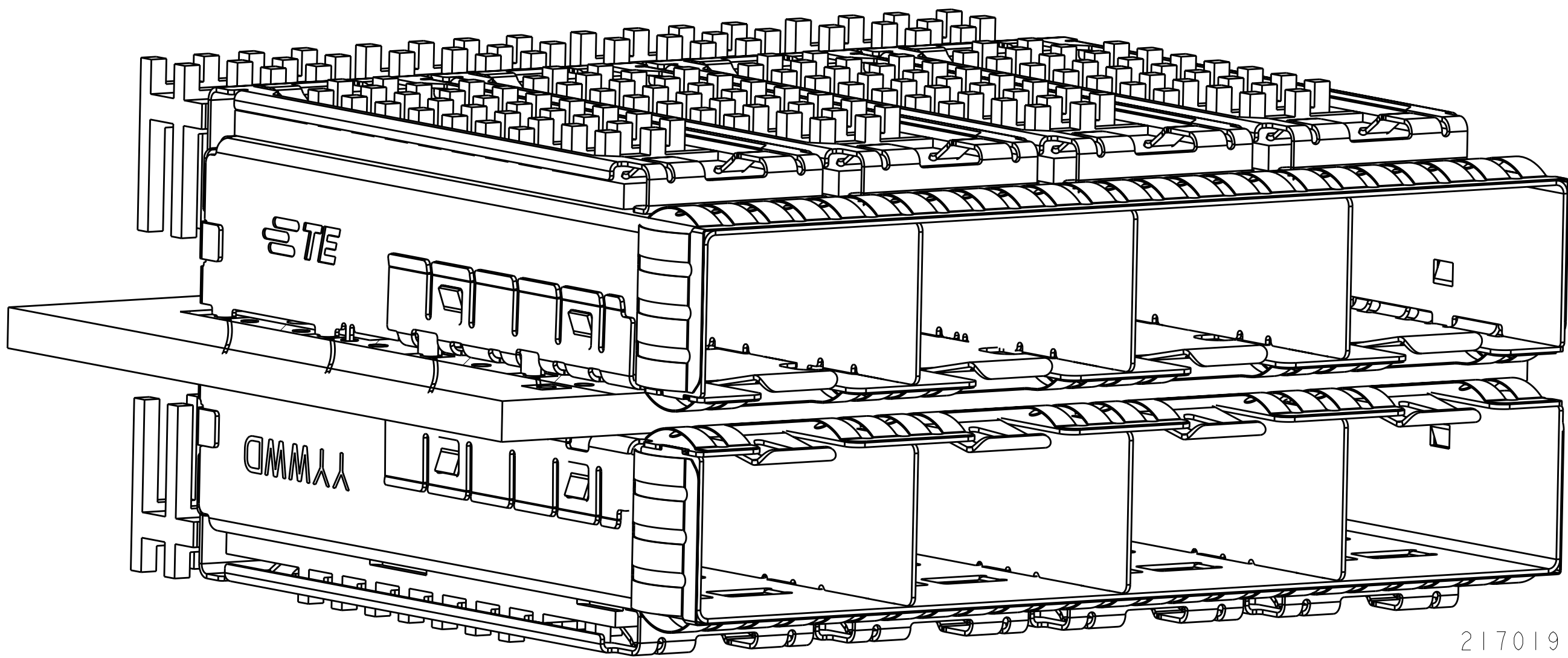
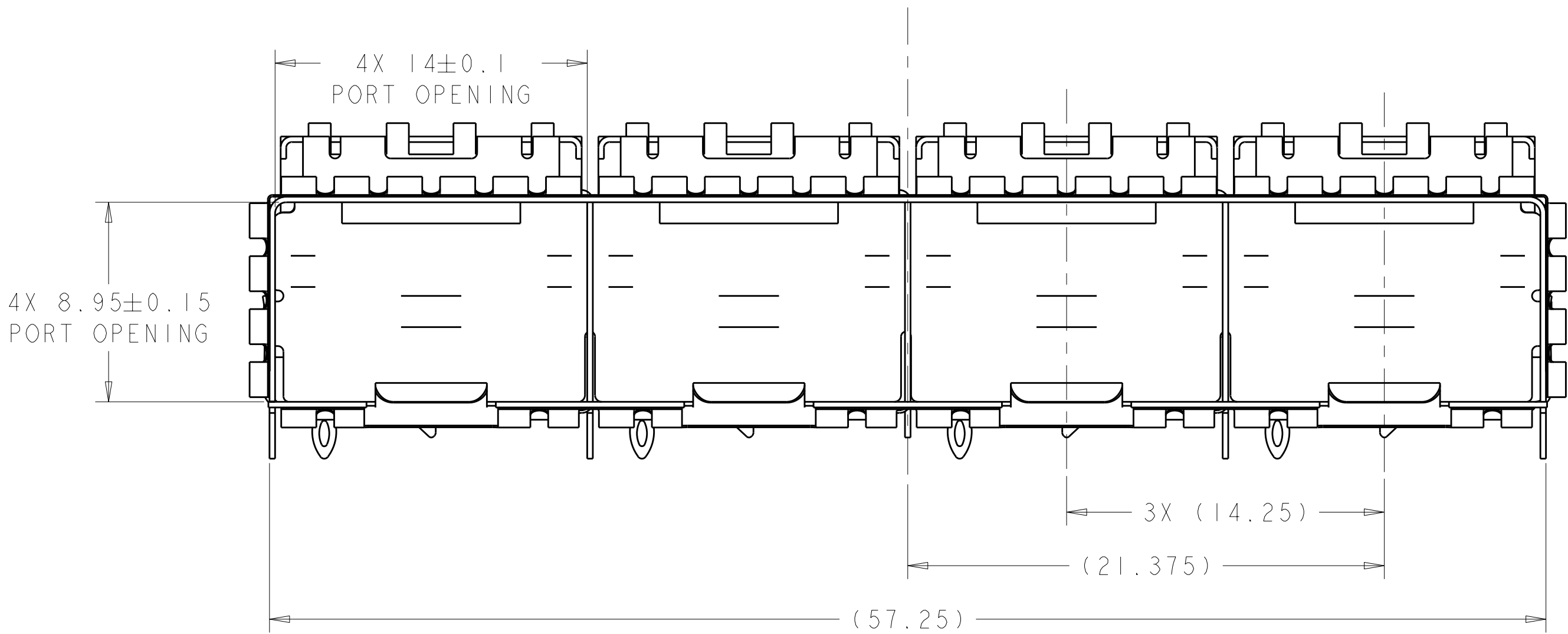
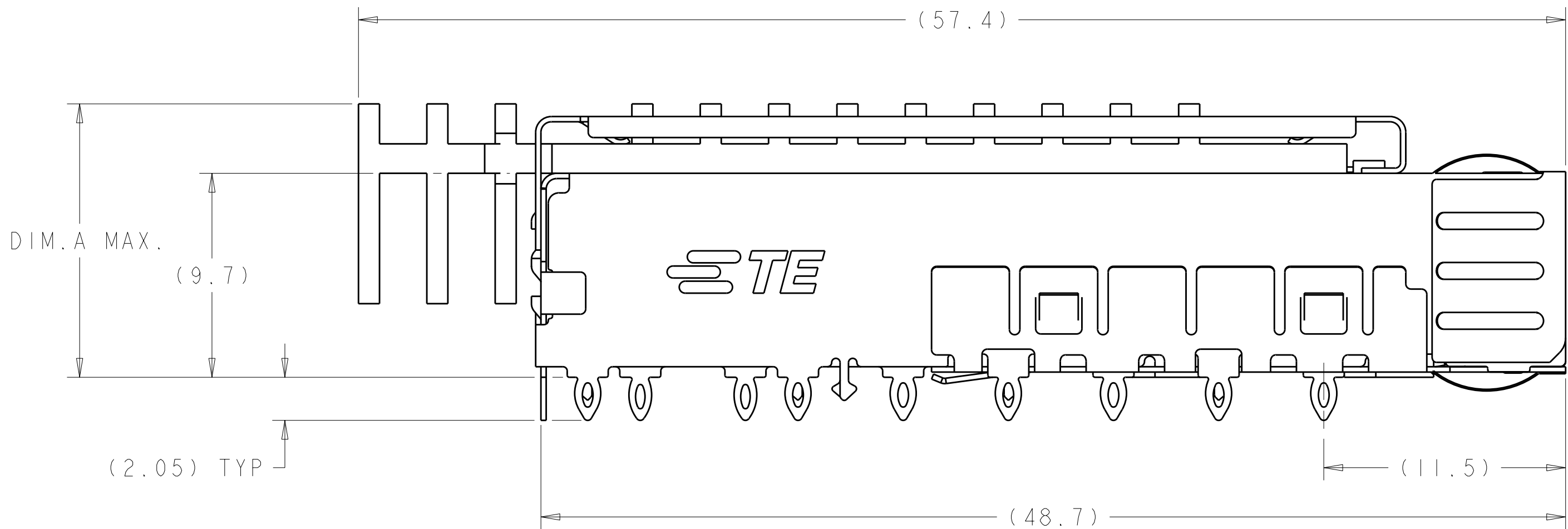


LOC		DIST		REVISIONS						
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD	
00				1		PRELIMINARY RELEASE	23NOV2011	TX	AC	
				2		REVISE THE DRAWING	21DEC2011	TX	AC	



2170191-1
FINISHED ASSEMBLY



2170191-1
MOUNTED BELLY TO BELLY ON PCB
SCALE 4:1

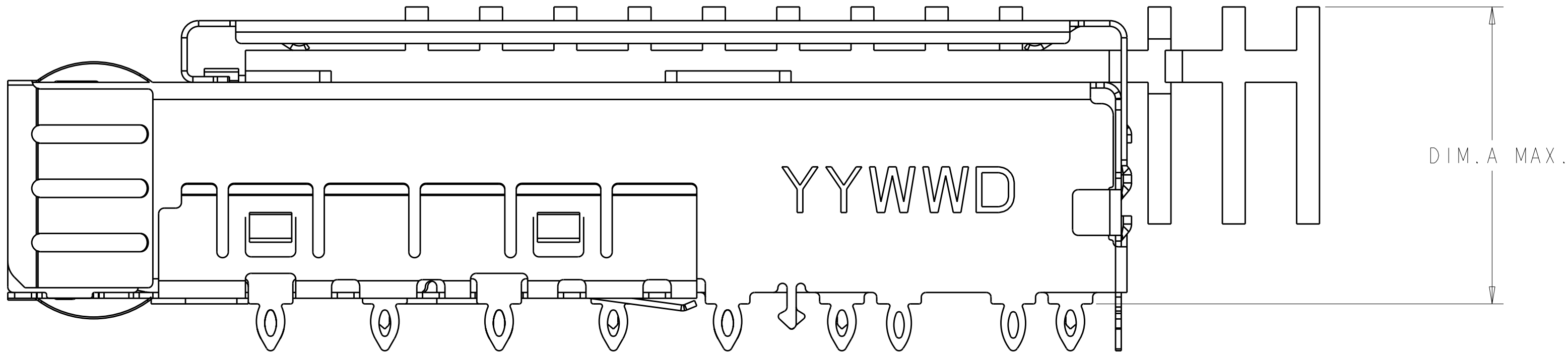
- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
- 2 FINISH:
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK CLIP: PASSIVATE
- 3 PADS AND VIAS 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 = 1.50
DOUBLE SIDED = 2.25
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

20.2	HEAT SINK W/ THE FIRST ROW PIN	2170191-2
13	HEAT SINK W/O THE FIRST ROW PIN	2170191-1
A MAX	DESCRIPTION	PART NUMBER

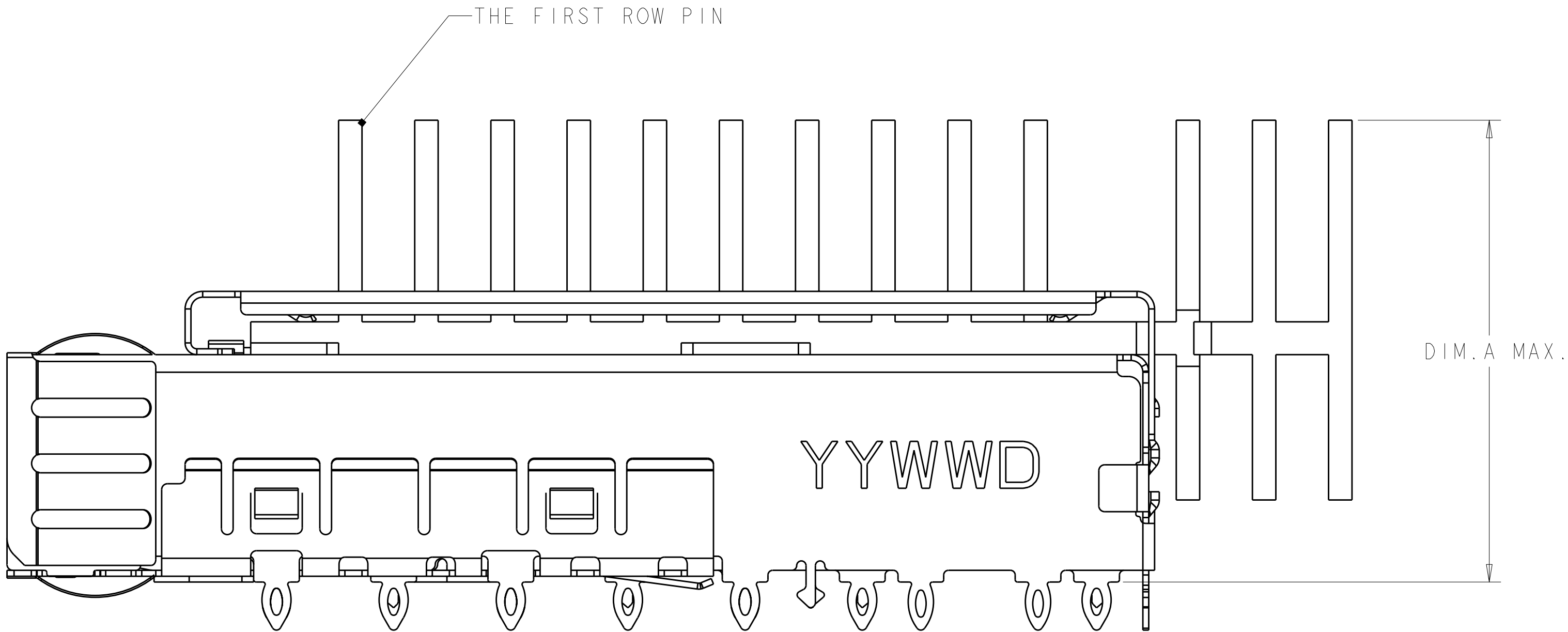
THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 23NOV2011	TE Connectivity	
DIMENSIONS: mm		CHK ALEX CAI 23NOV2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEX CAI 23NOV2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
9 PLC ±0.1		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
3 PLC ±0.1		108-2364		
5 PLC ±0.1		APPLICATION SPEC	A100779C=2170191	
4 PLC ±0.1		114-13120		
ANGLES ±1°		WEIGHT	SCALE 5:1 SHEET 1 OF 5 REV 2	
FINISH		CUSTOMER DRAWING		

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



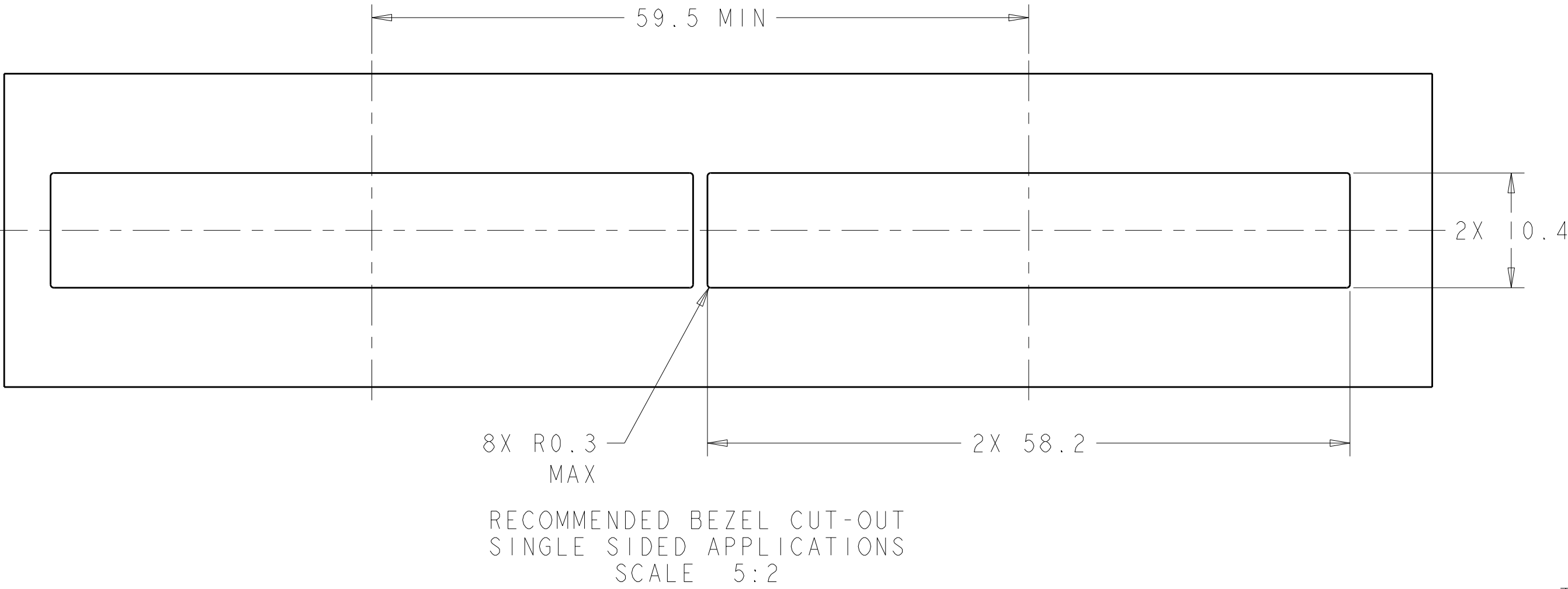
2170191-1 AS SHOWN
HEAT SINK W/O THE FIRST ROW PIN



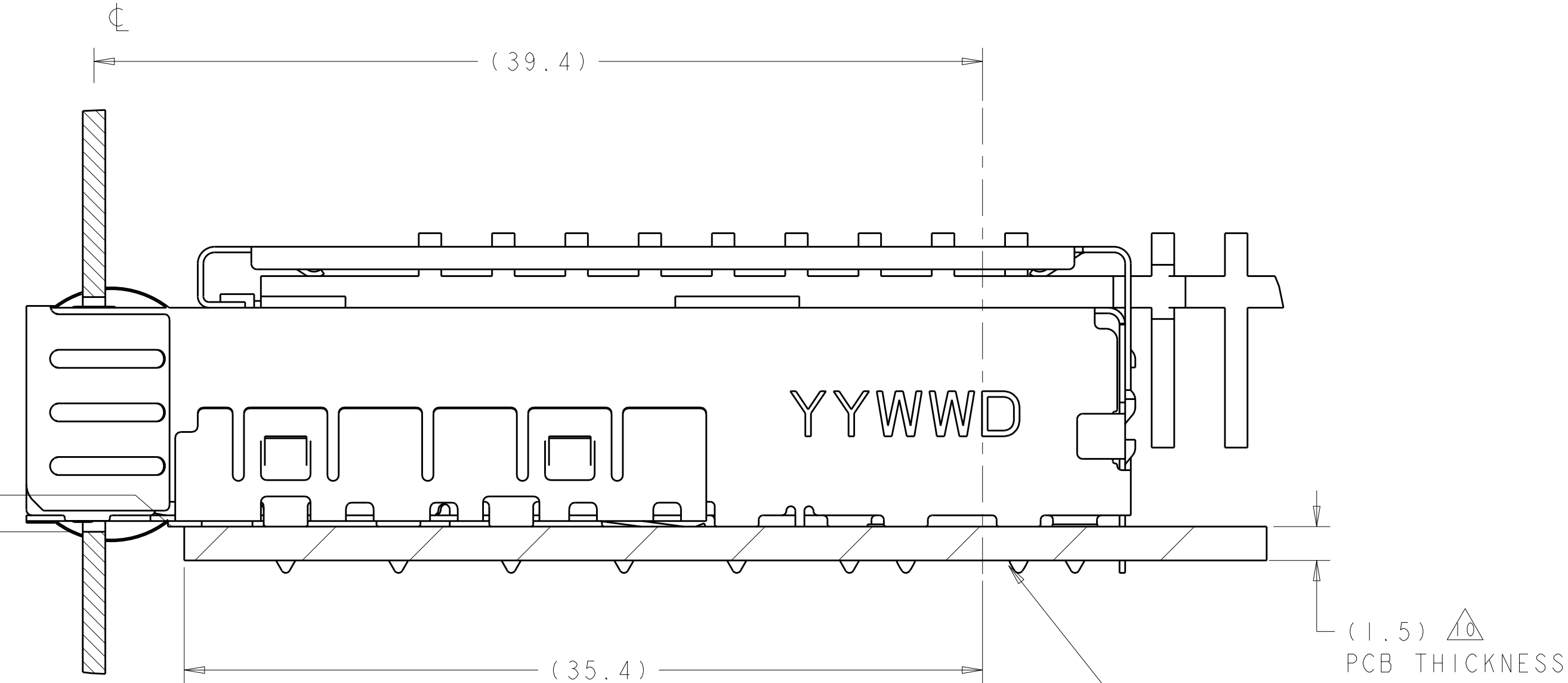
2170191-2 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE	23NOV2011	 TE Connectivity	
				CHK	ALEX CAI	23NOV2011		
				APVD	ALEX CAI	23NOV2011	NAME	
				PRODUCT SPEC			SFP+ ENHANCED 1X4 CAGE ASSEMBLY	
				108-2364			PRESS FIT, EXTERNAL EMI SPRINGS	
				APPLICATION SPEC			WITH HEATSINK	
				114-13120			SIZE	CAGE CODE
				WEIGHT			DRAWING NO	
				CUSTOMER DRAWING			A100779C=2170191	
							RESTRICTED TO	
							SCALE	5:1
							SHEET	2
							OF	5
							REV	2

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

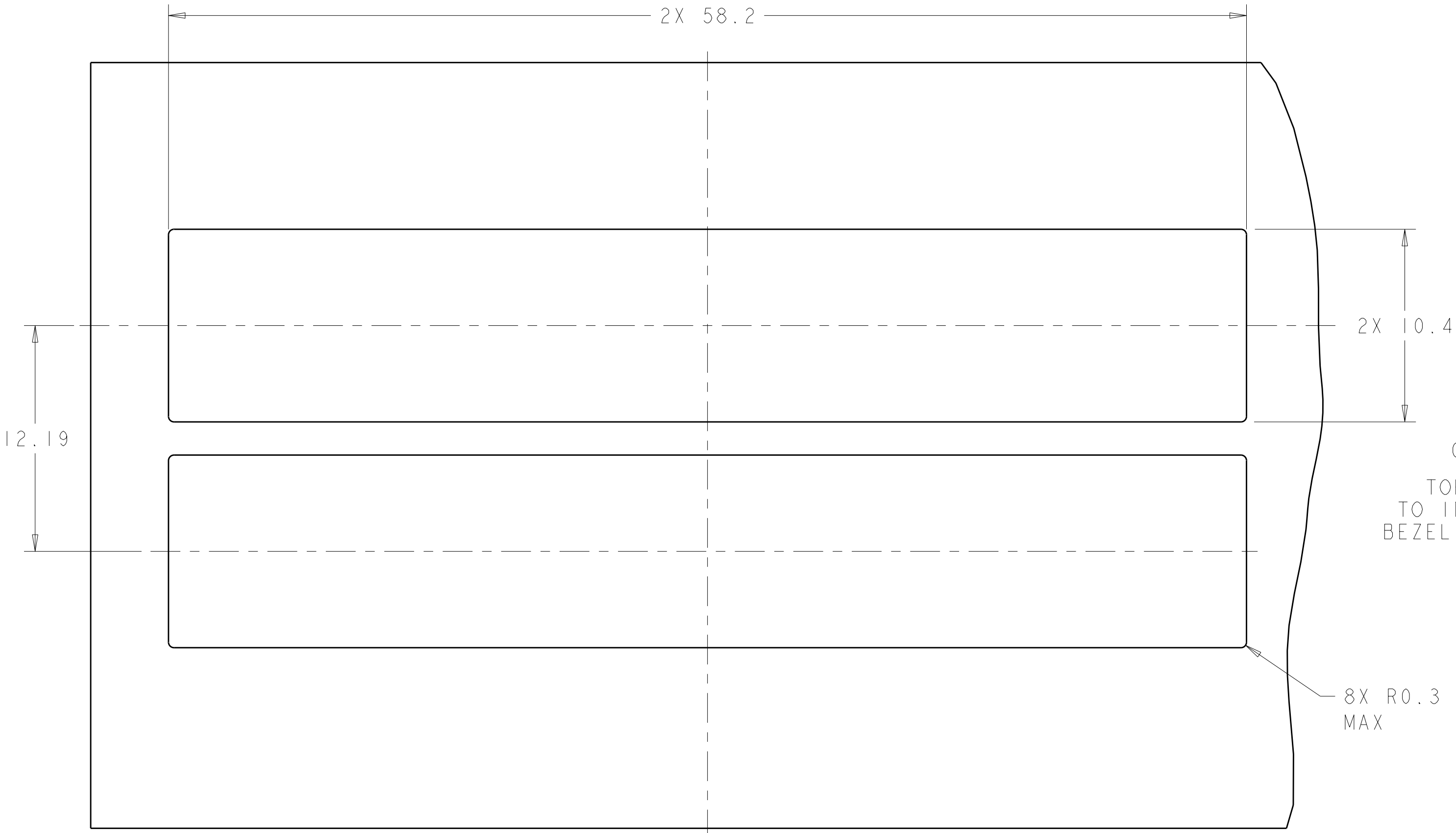


0.23^{+0.10}_{-0.14}
TOP OF PCB
TO INSIDE OF
BEZEL CUT-OUT

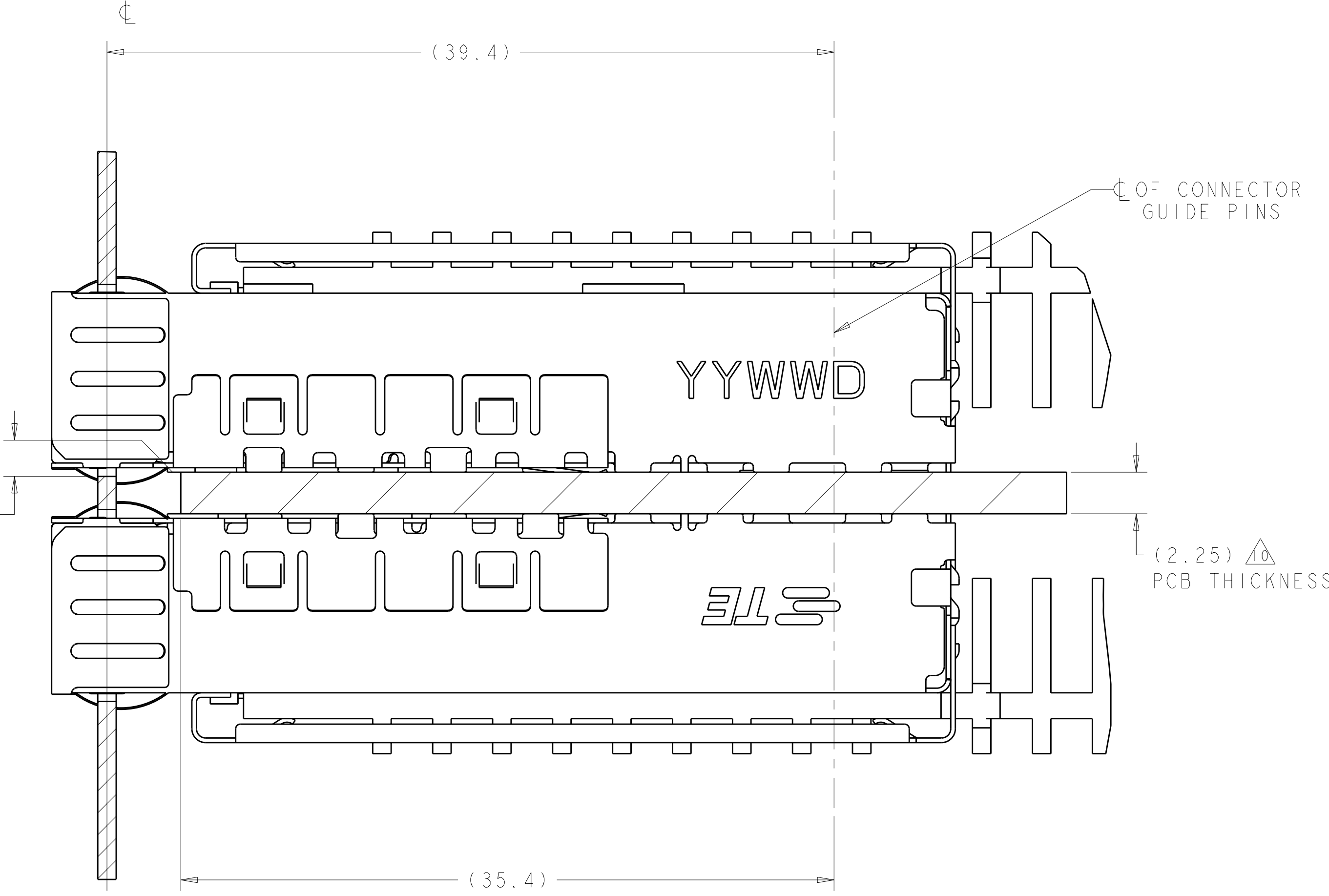


2149730
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

CL OF CONNECTOR
GUIDE PINS



0.23^{+0.10}_{-0.14}
TOP OF PCB
TO INSIDE OF
BEZEL CUT-OUT

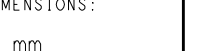


2149730
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

(2.25) PCB THICKNESS

CL OF CONNECTOR
GUIDE PINS

THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	TIM XUE	23NOV2011	 TE Connectivity					
DIMENSIONS:			CHK	ALEX CAI	23NOV2011						
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APVD	ALEX CAI	23NOV2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK					
mm			PRODUCT SPEC								
			108-2364								
			APPLICATION SPEC								
			114-13120								
			WEIGHT								
FINISH			-						SIZE A100779C-2170191		
MATERIAL			CUSTOMER DRAWING								
						SCALE 5:1 SHEET 3 OF 5 REV 2					

