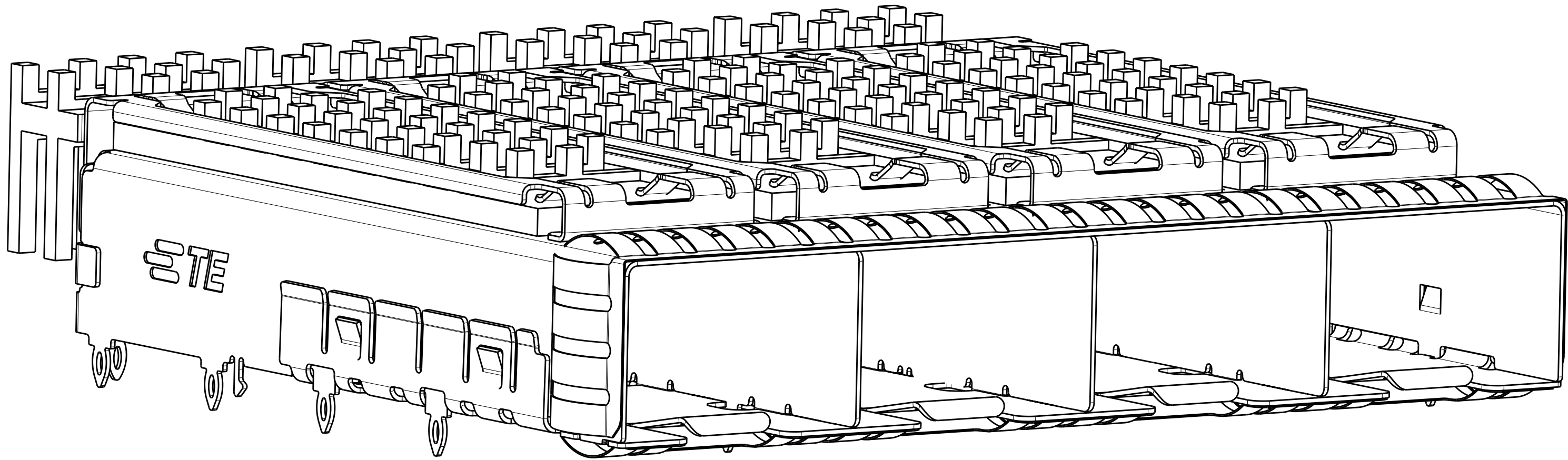
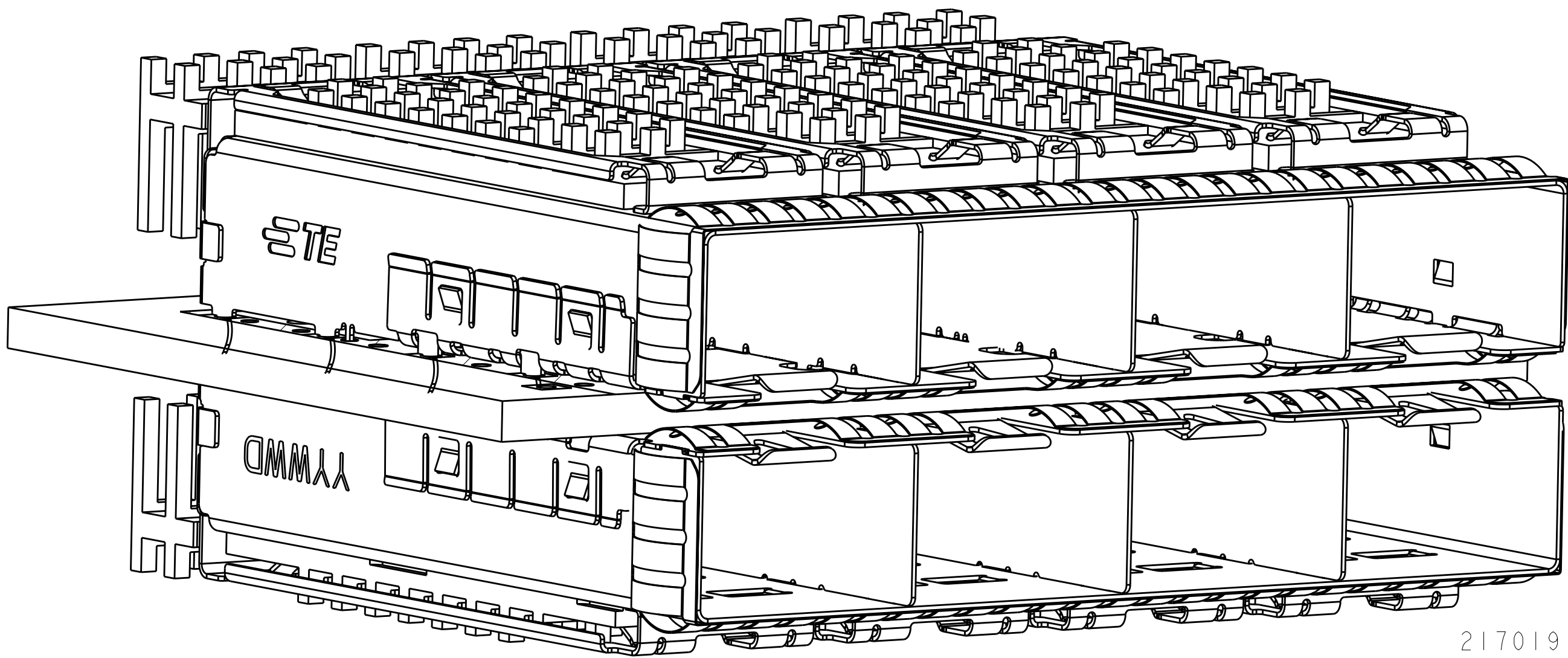
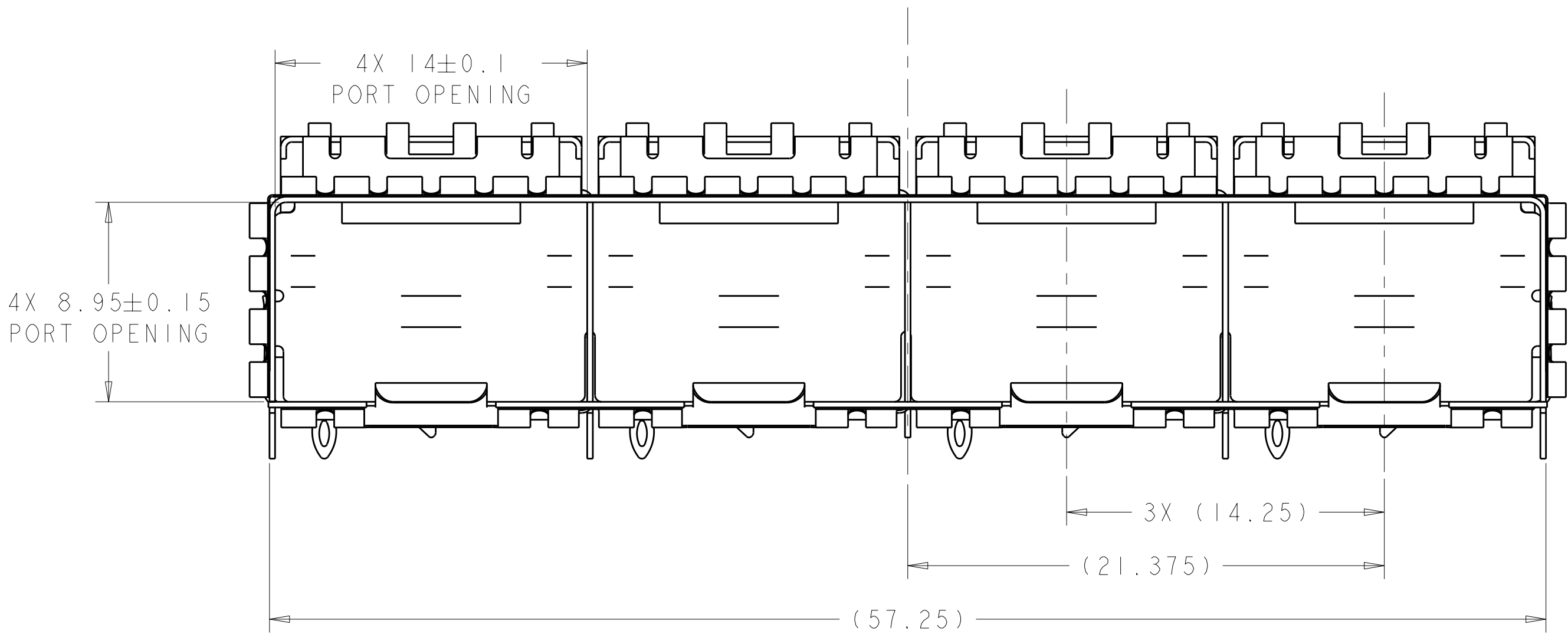
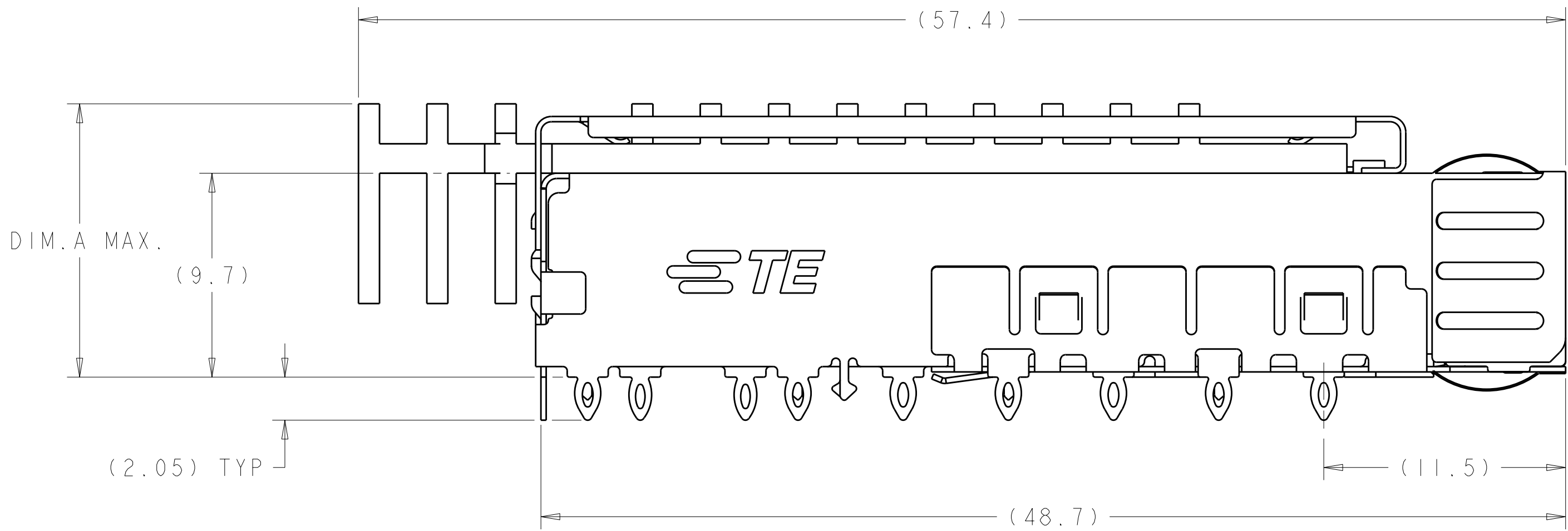


LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
OY				1		PRELIMINARY RELEASE	23NOV2011	TX	AC	
				2		REVISE THE DRAWING	21DEC2011	TX	AC	



2170191-1
FINISHED ASSEMBLY



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

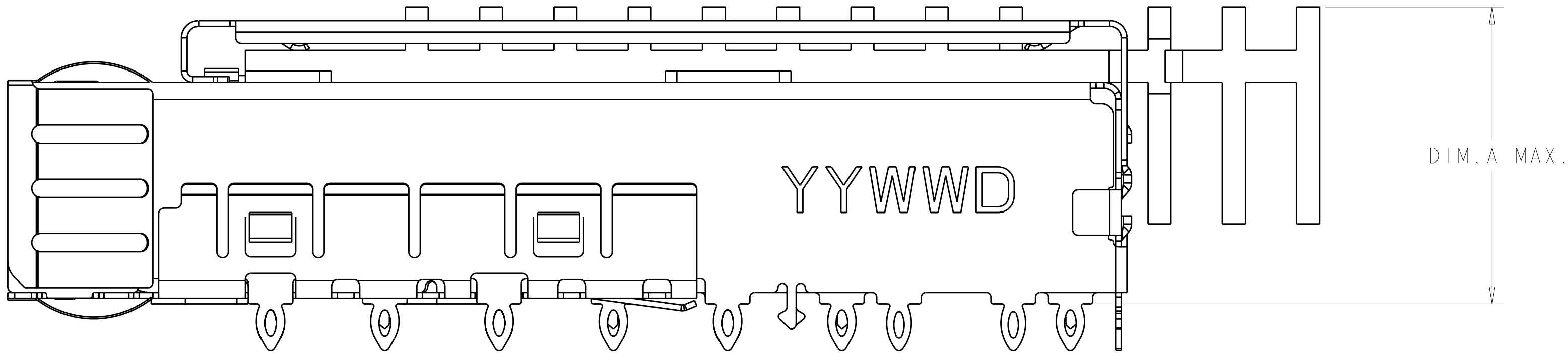
- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
- 2 FINISH:
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK CLIP: PASSIVATE
- 3 PADS AND VIAS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

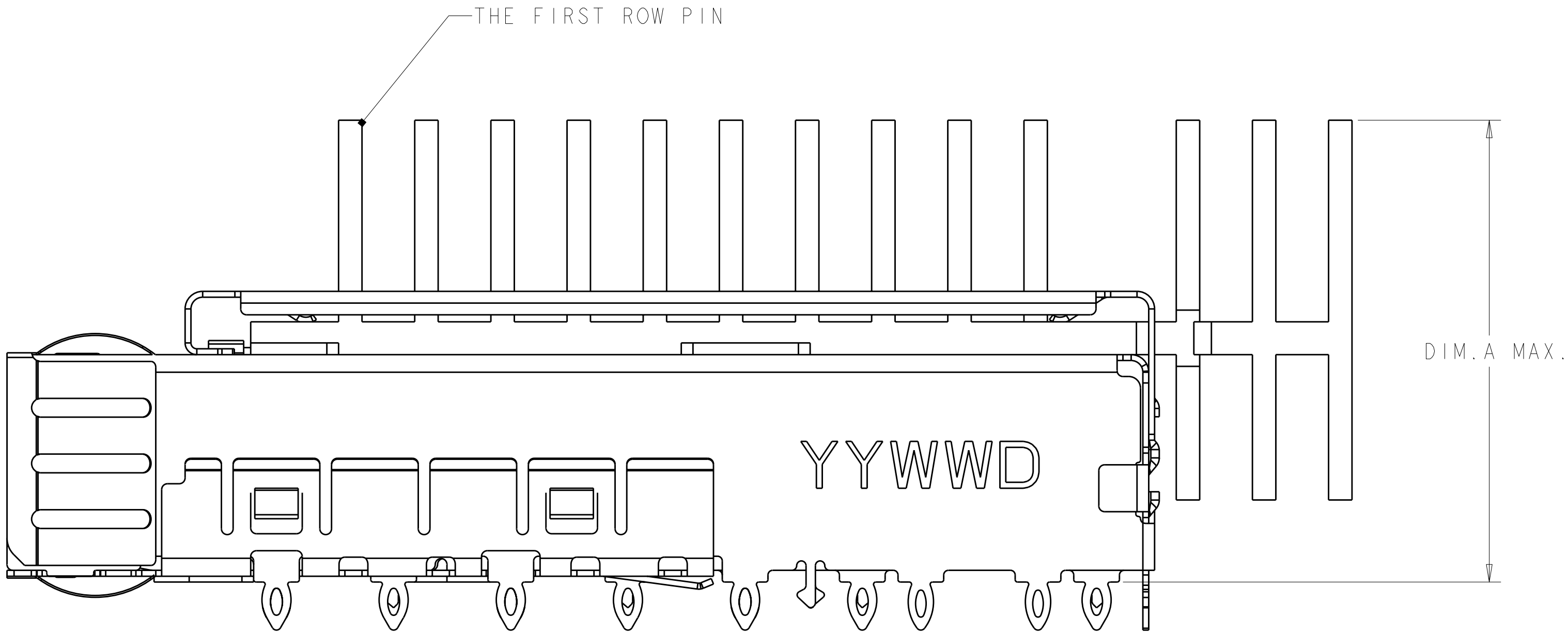
THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE	23NOV2011
DIMENSIONS:		CHK	TIM YUE
mm		APVD	ALEX CAI
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	ALEX CAI
9 PLC ±0.1		PRODUCT SPEC	108-2364
2 PLC ±0.1		APPLICATION SPEC	114-13120
3 PLC ±0.1		WEIGHT	-
4 PLC ±0.1		SIZE	A100779C=2170191
ANGLES ±1°		CAGE CODE	DRAWING NO
FINISH		RESTRICTED TO	-
MATERIAL		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 5 REV 2

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



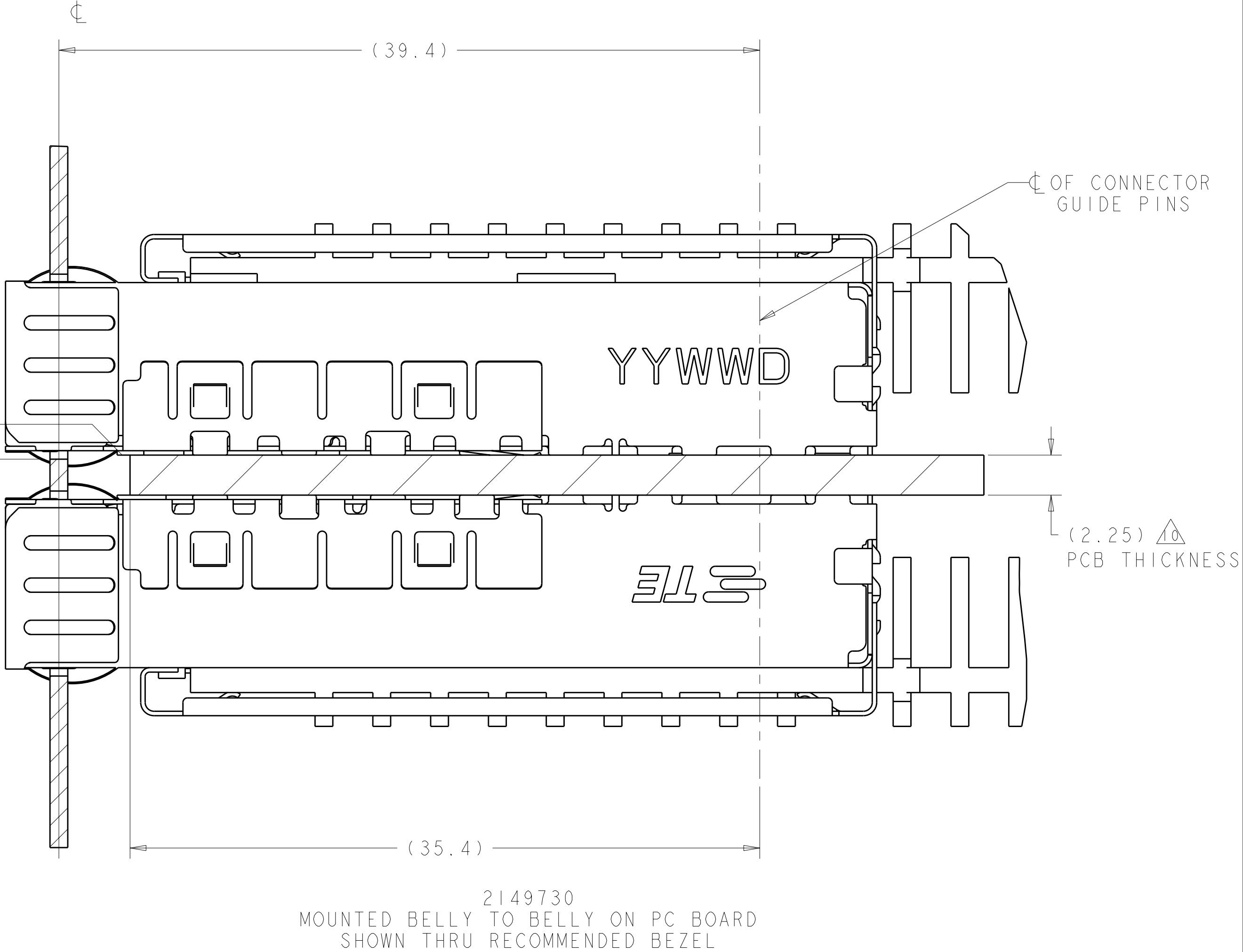
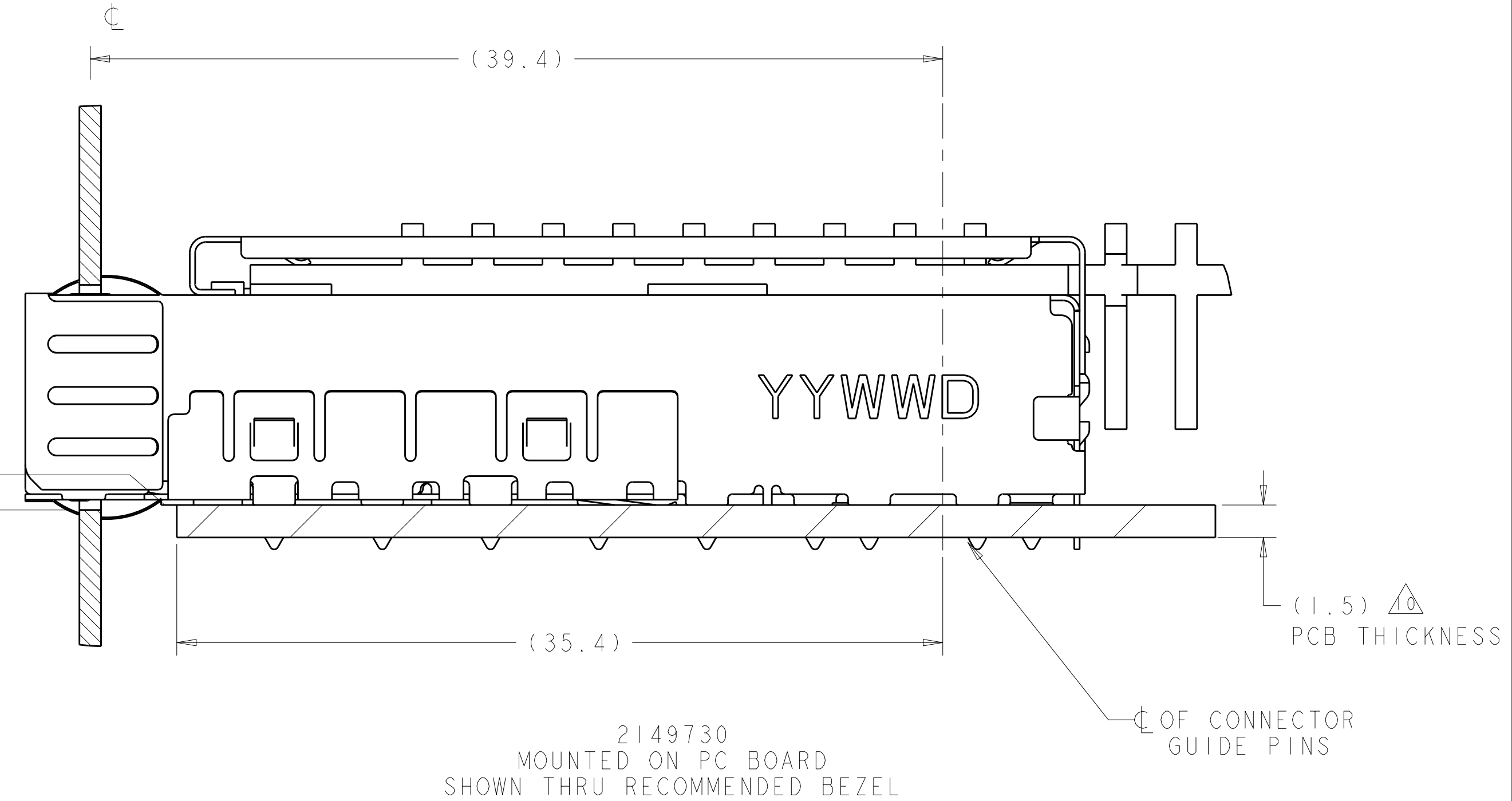
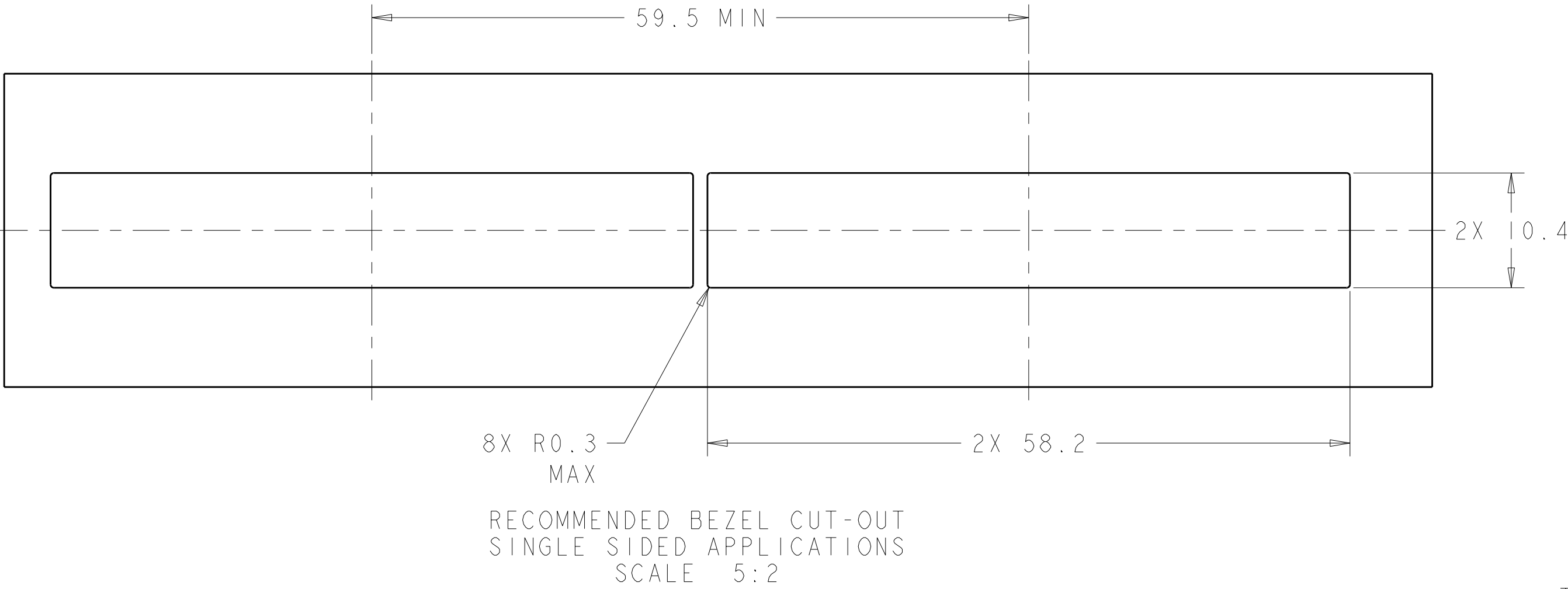
2170191-1 AS SHOWN
HEAT SINK W/O THE FIRST ROW PIN



2170191-2 AS SHOWN

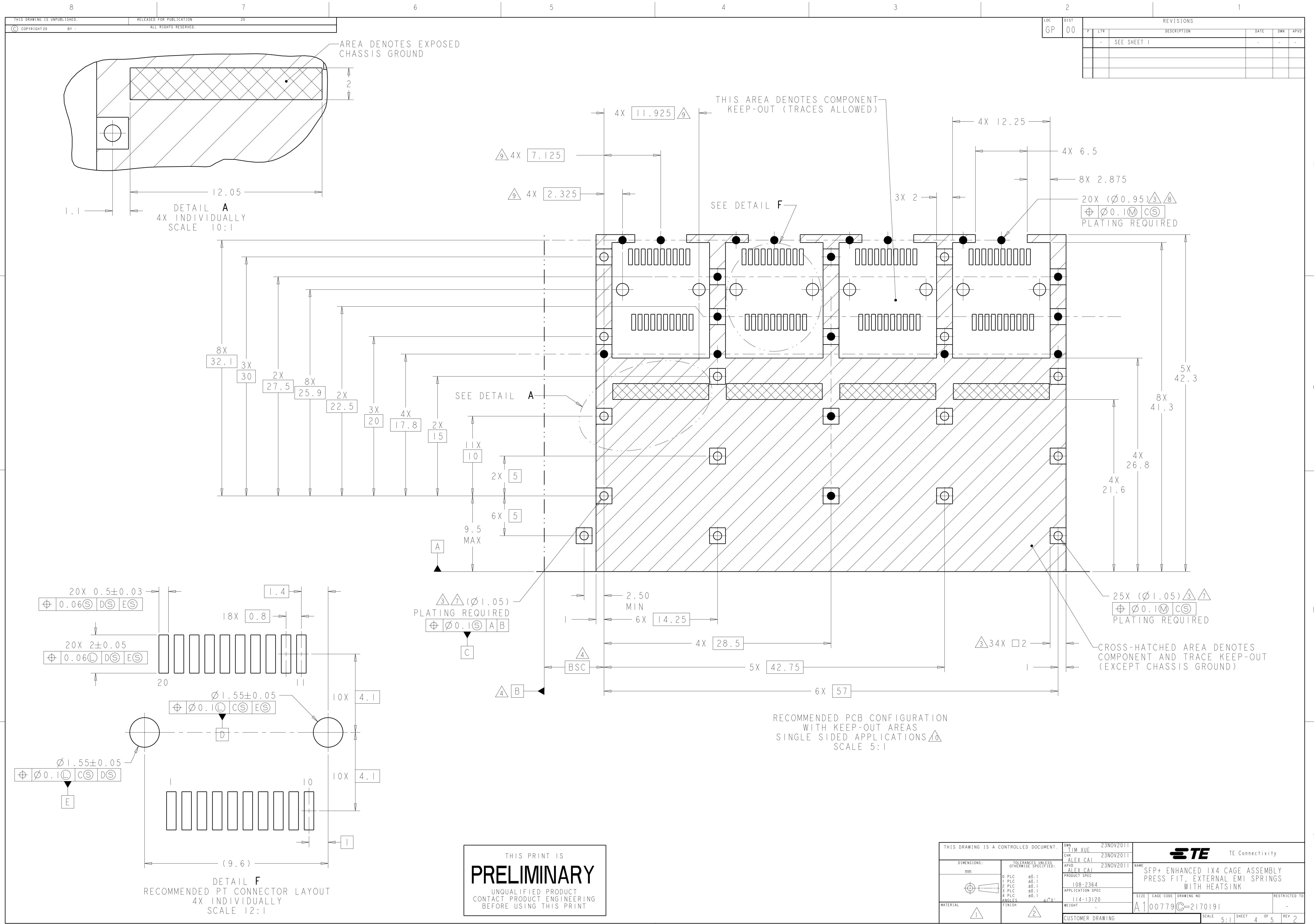
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN	TIM XUE		23NOV2011		 TE Connectivity	
			CHK	ALEX CAI		23NOV2011			
			APVD	ALEX CAI		23NOV2011		NAME	
			PRODUCT SPEC						
			108-2364					SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
			APPLICATION SPEC						
			114-13120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

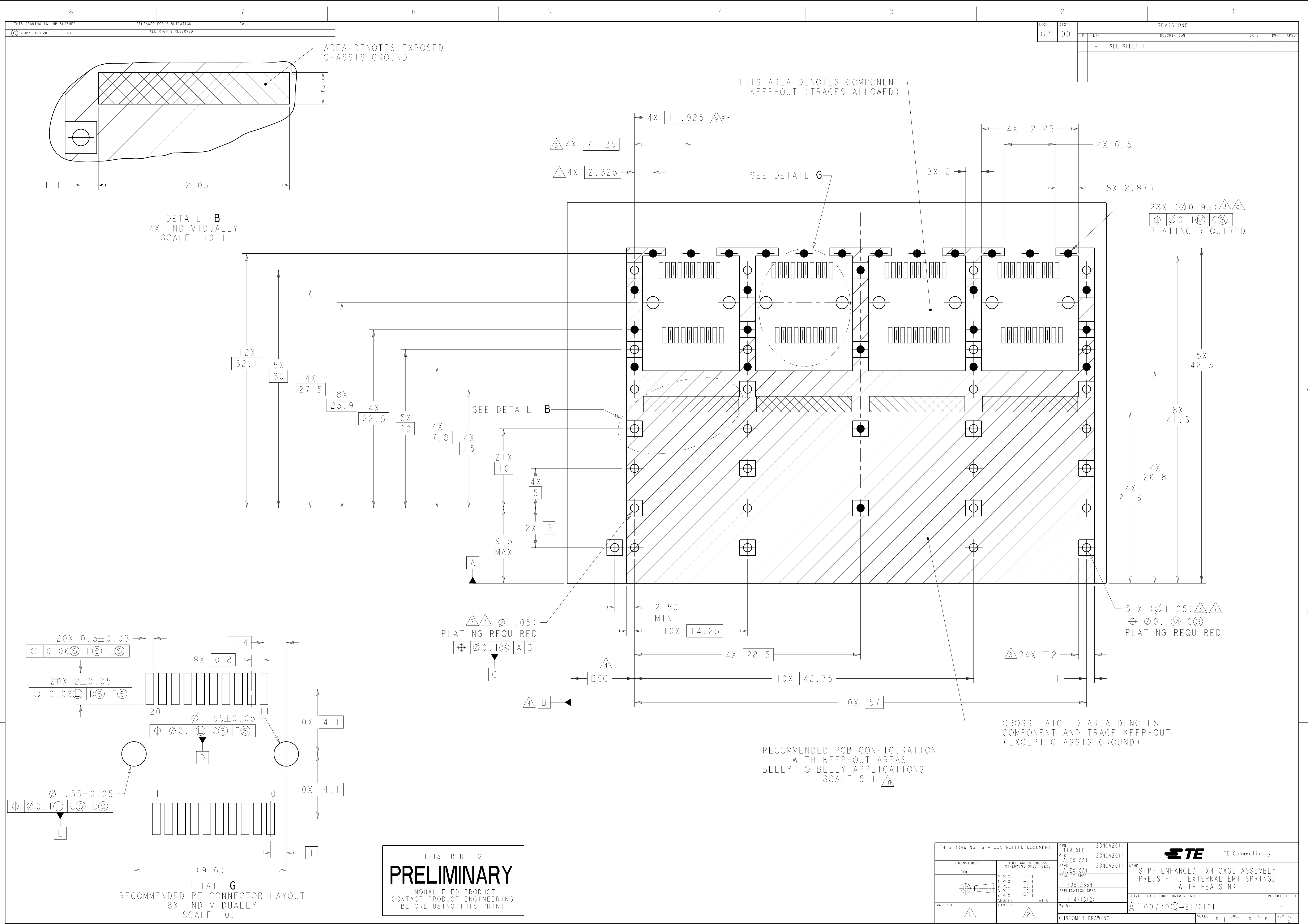
LOC		DIST		REVISIONS					
GP	00	REV	LYR	DESCRIPTION	DATE	DWN	APVD		
		-	-	SEE SHEET 1	-	-	-		



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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					
9 PLC ±0.1			APPLICATION SPEC					
2 PLC ±0.1			114-13120					
3 PLC ±0.1			WEIGHT					
4 PLC ±0.1			CUSTOMER DRAWING					
ANGLES			SCALE					
FINISH			SHEET					
MATERIAL			REV					
			A100779C=2170191					
			5:1					
			3 OF 5					
			REV 2					





LOC		DIST		REVISONS			
GP		00		DATE	OWN	APVD	
				SEE SHEET 1	-	-	-