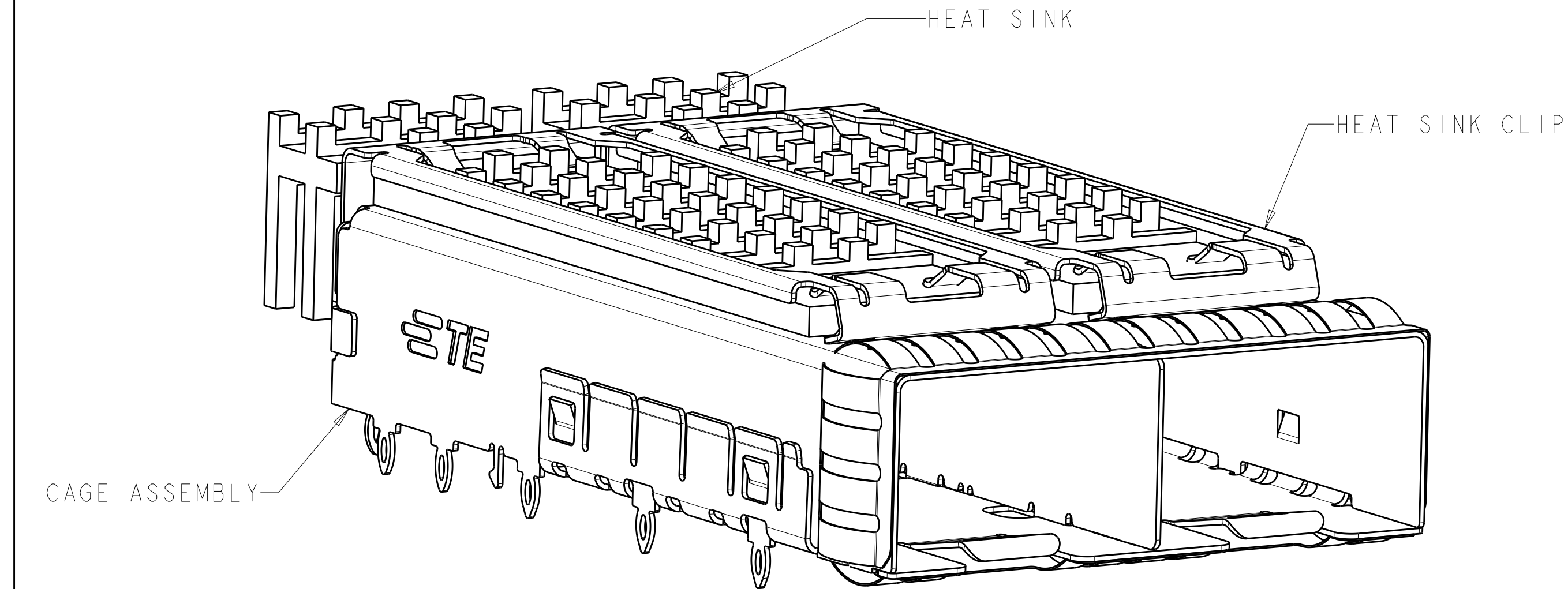
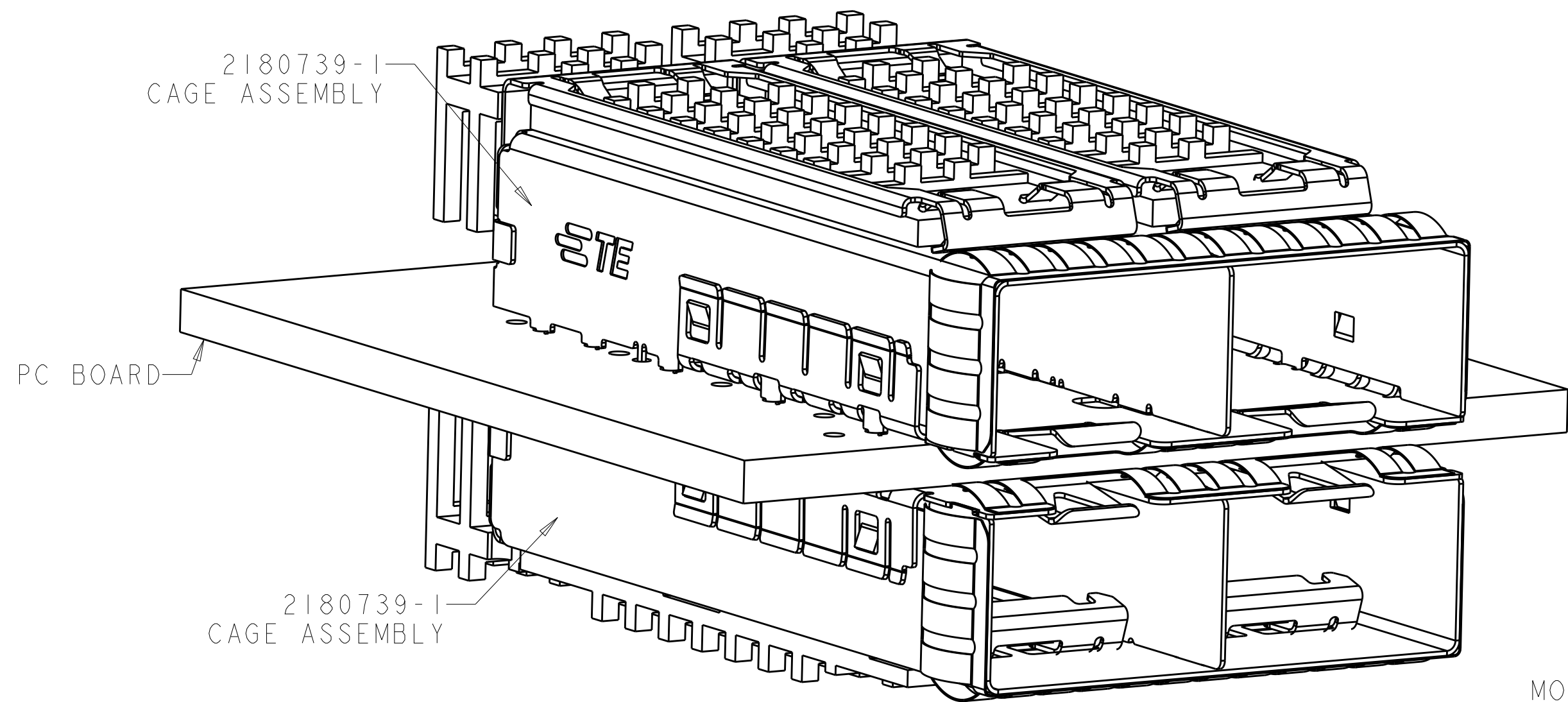
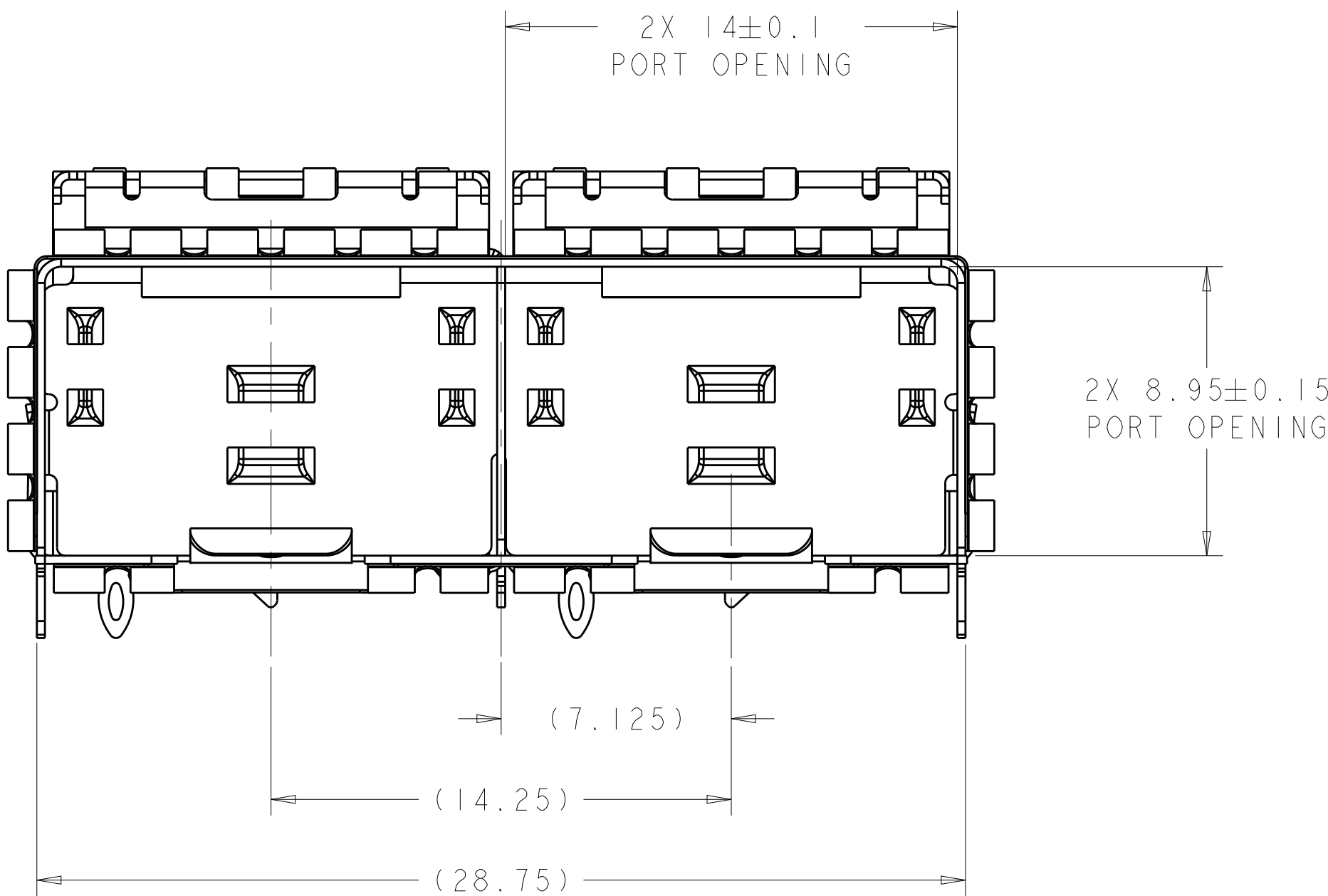




2170190-1
SCALE 5:1

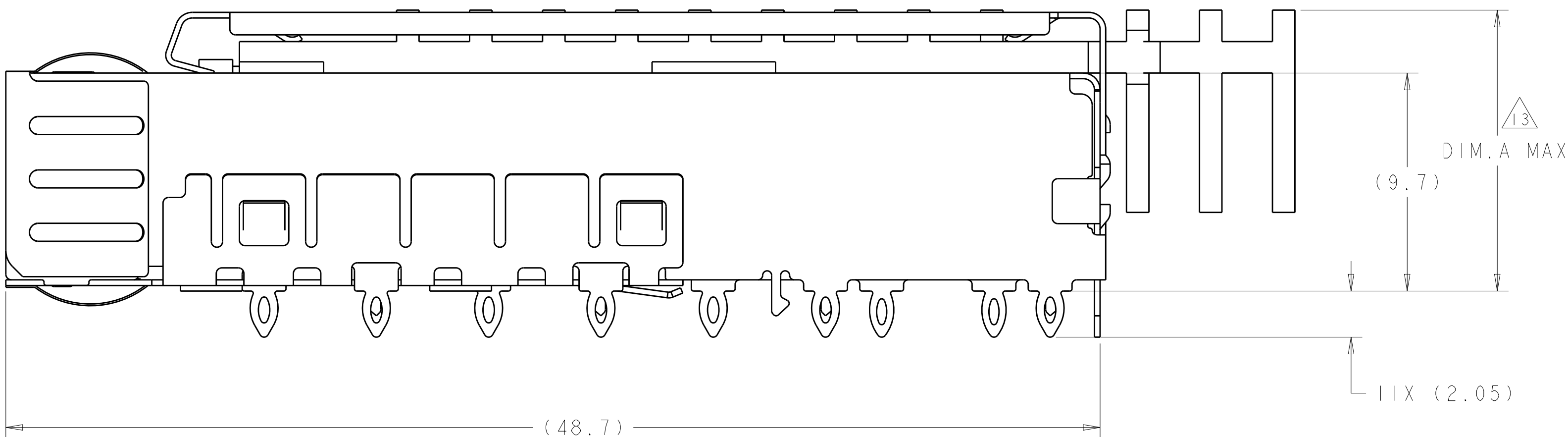


2170190-1
MOUNTED BELLY TO BELLY
SCALE 4:1

- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
EMI SPRINGS: COPPER ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL.
INSULATOR: KAPTON
- 2 FINISH:
2170190-1/-2/-4 HEAT SINK: HARD ANODIC COATING
2170190-3 HEAT SINK: BLACK ANODIZE
HEAT SINK CLIP: PASSIVATE.
- 3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 5 PADS AND VIAS CHASSIS GROUND.
5. MATES WITH SFP MSA COMPLIANT RECIEVERS.
6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OR ASME Y14.5M-1994.
- 7 MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.5mm
DOUBLE SIDED: 2.25
- 8 HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25mm.
- 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 TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	PRODUCTION RELEASE	29FEB2016	JW	SH
			A1	REVISED PER ECR-18-013796	30AUG2018	IT	SH
			A2	REVISED PER ECR-18-016039	10OCT2018	IT	SH

12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 14 PRELIMINARY PART, NO RELEASED TO MASS PRODUCTION



PIN TYPE	HEAT SINK W/ THE FRIST ROW PIN	2170190-4
FIN TYPE	HEAT SINK W/ THE FRIST ROW PIN	2170190-3
PIN TYPE	HEAT SINK W/ THE FIRST ROW PIN	2170190-2
PIN TYPE	HEAT SINK W/O THE FIRST ROW PIN	2170190-1
HEAT SINK	DESCRIPTION	PART NUMBER

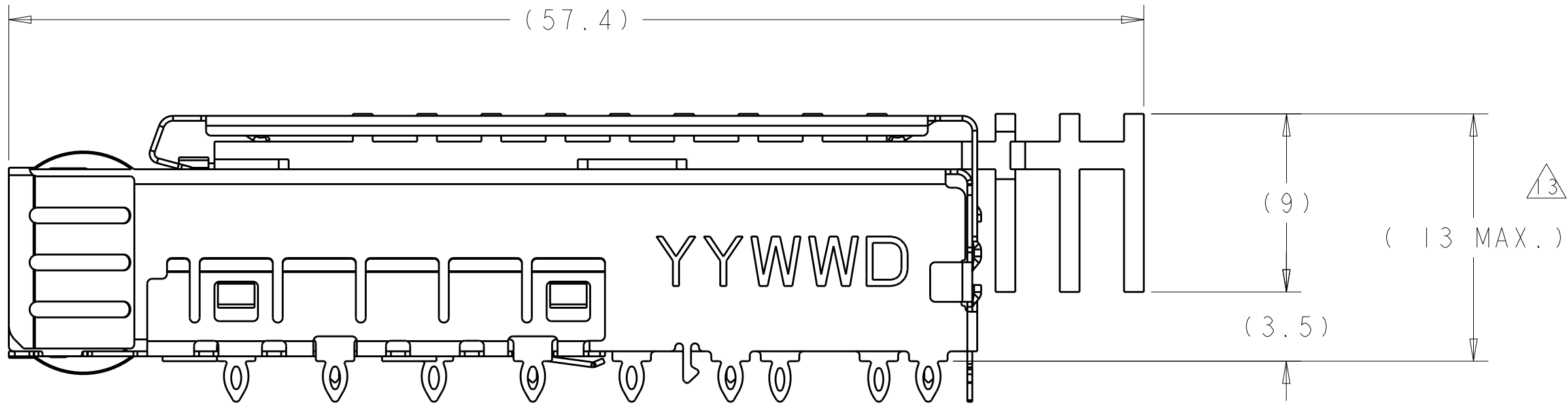
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE	21NOV2011
		CHK	ALEX CAI	21NOV2011
		APVD	ALEX CAI	21NOV2011
DIMENSIONS:		PRODUCT SPEC		
mm		108-2364		
		APPLICATION SPEC		
		114-13120		
MATERIAL		WEIGHT		
		CUSTOMER DRAWING		

TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC		SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK		
1 PLC				
2 PLC				
3 PLC				
4 PLC				
ANGLES				
FINISH				

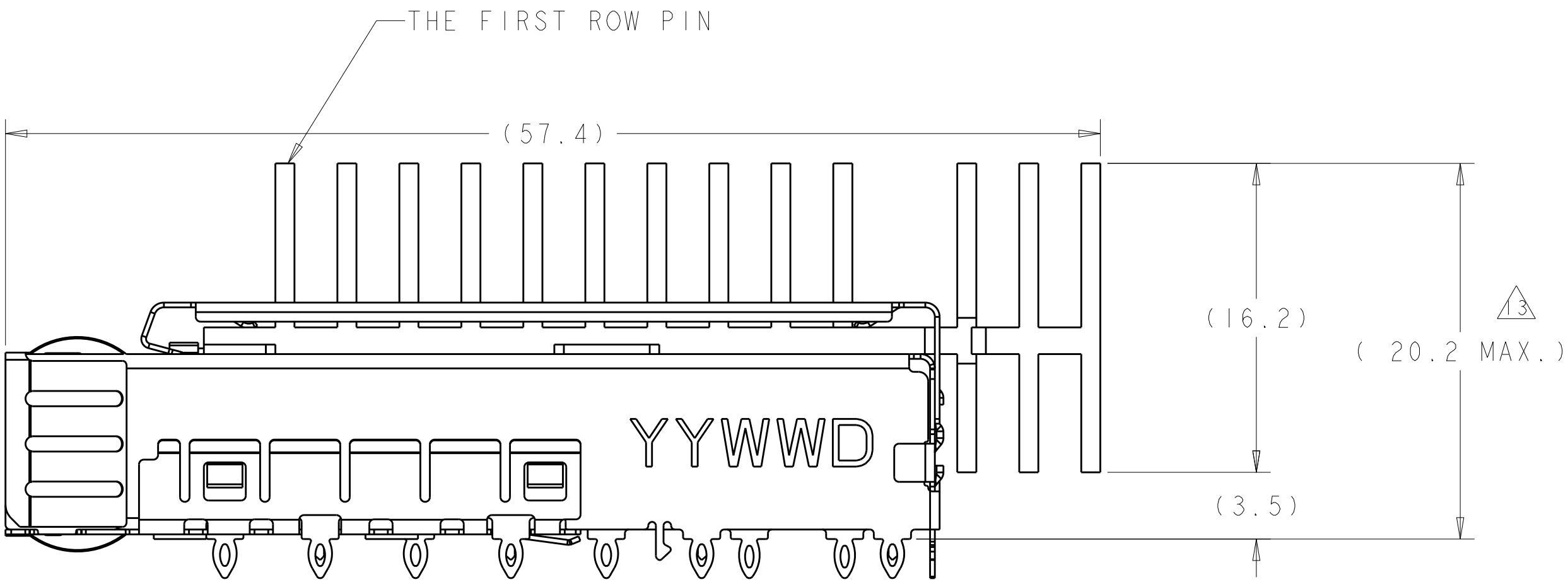
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C=2170190	-

SCALE	6:1	SHEET	1	OF	5	REV	A2
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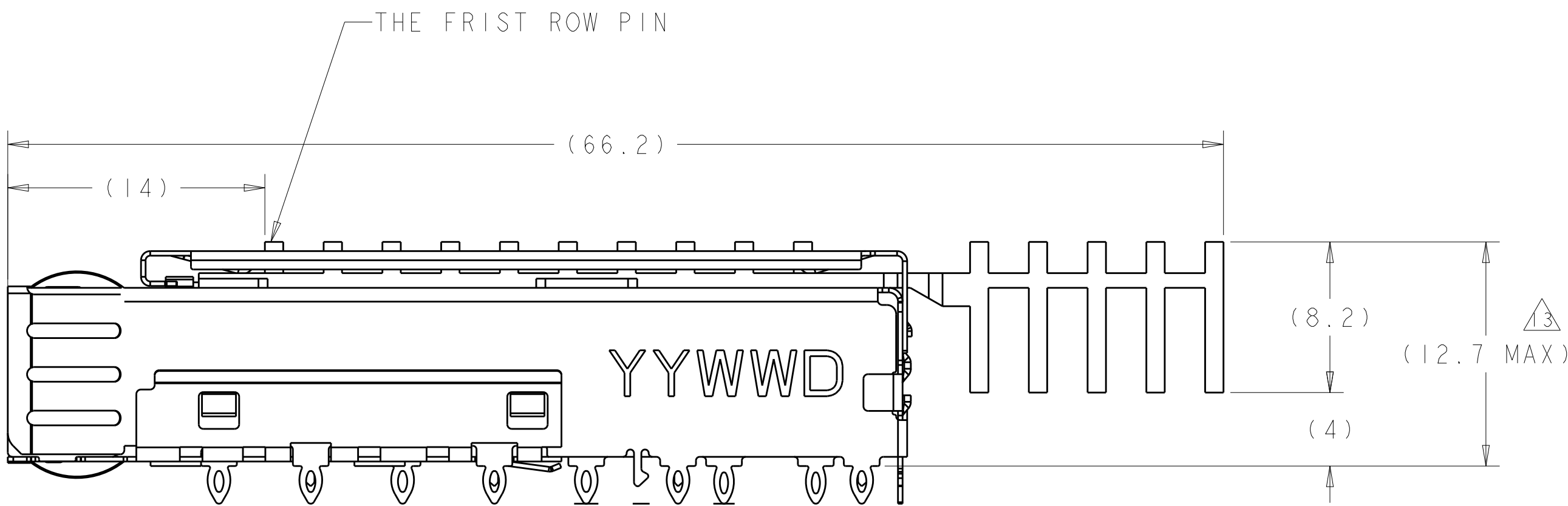
LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	OWN	APVD	
			-	SEE SHEET 1	-	-	-	



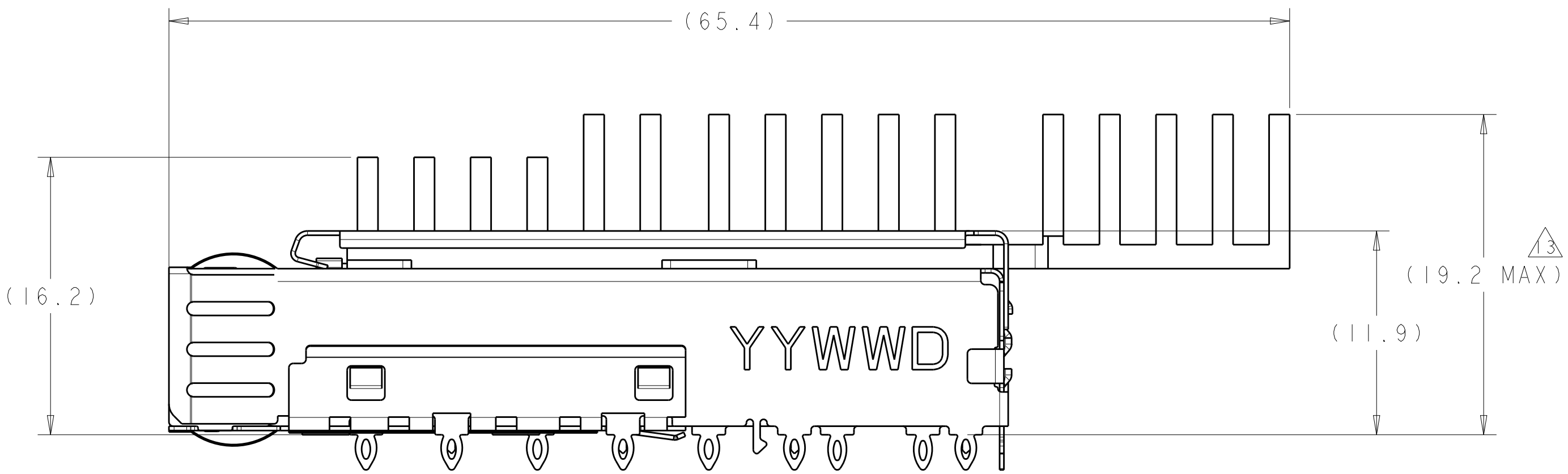
2170190-1 AS SHOWN
HEAT SINK W/O THE FIRST ROW PIN



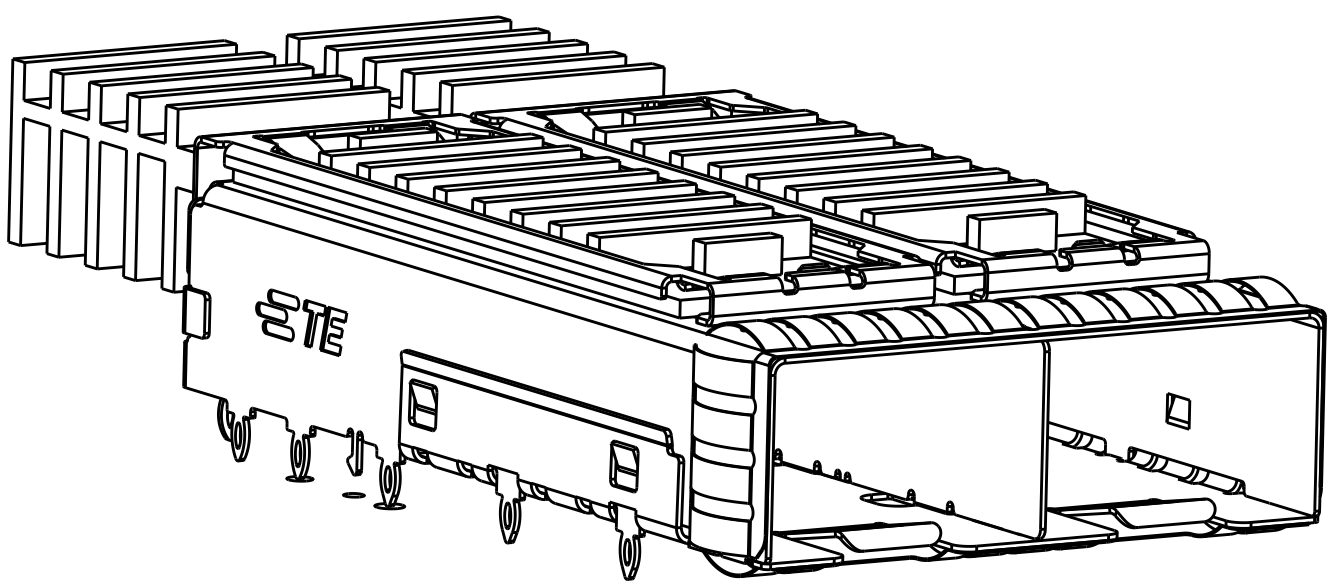
2170190-2 AS SHOWN



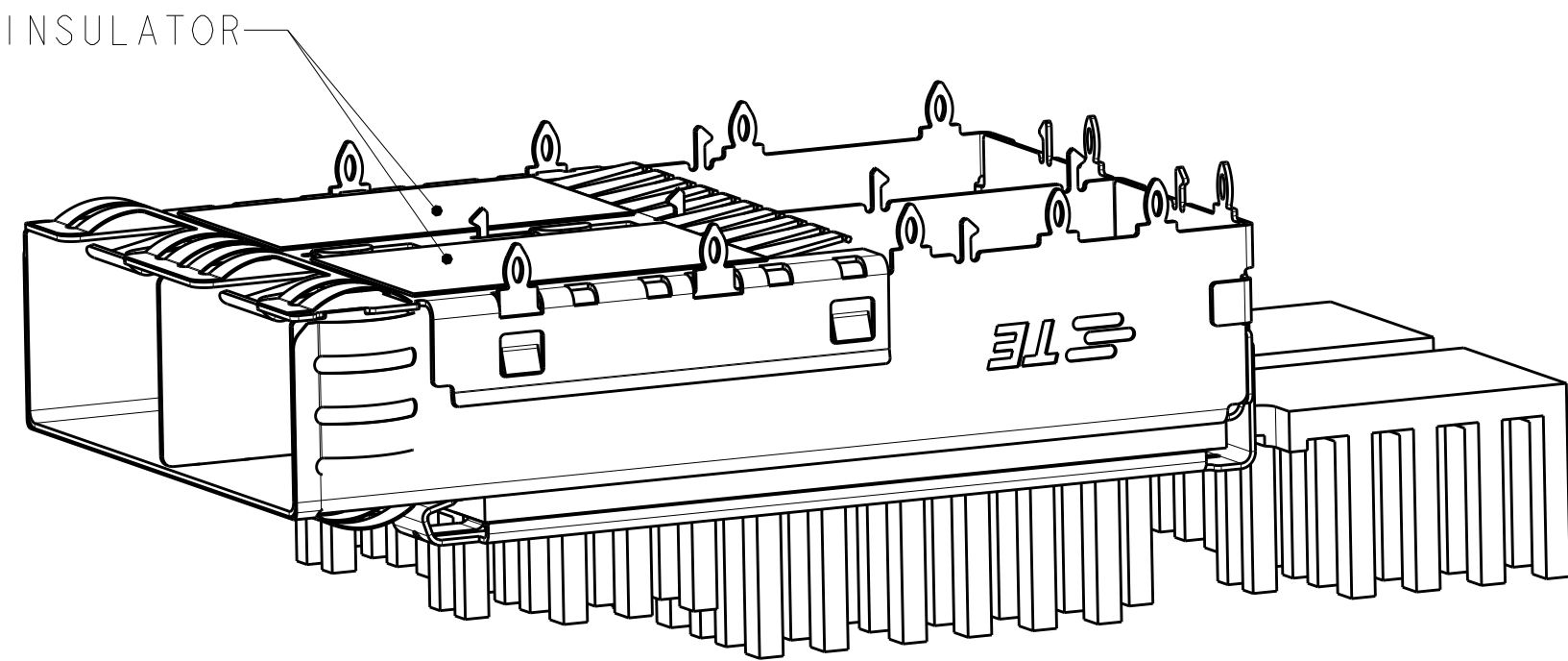
2170190-3 AS SHOWN



2170190-4 AS SHOWN
SCALE 4:1



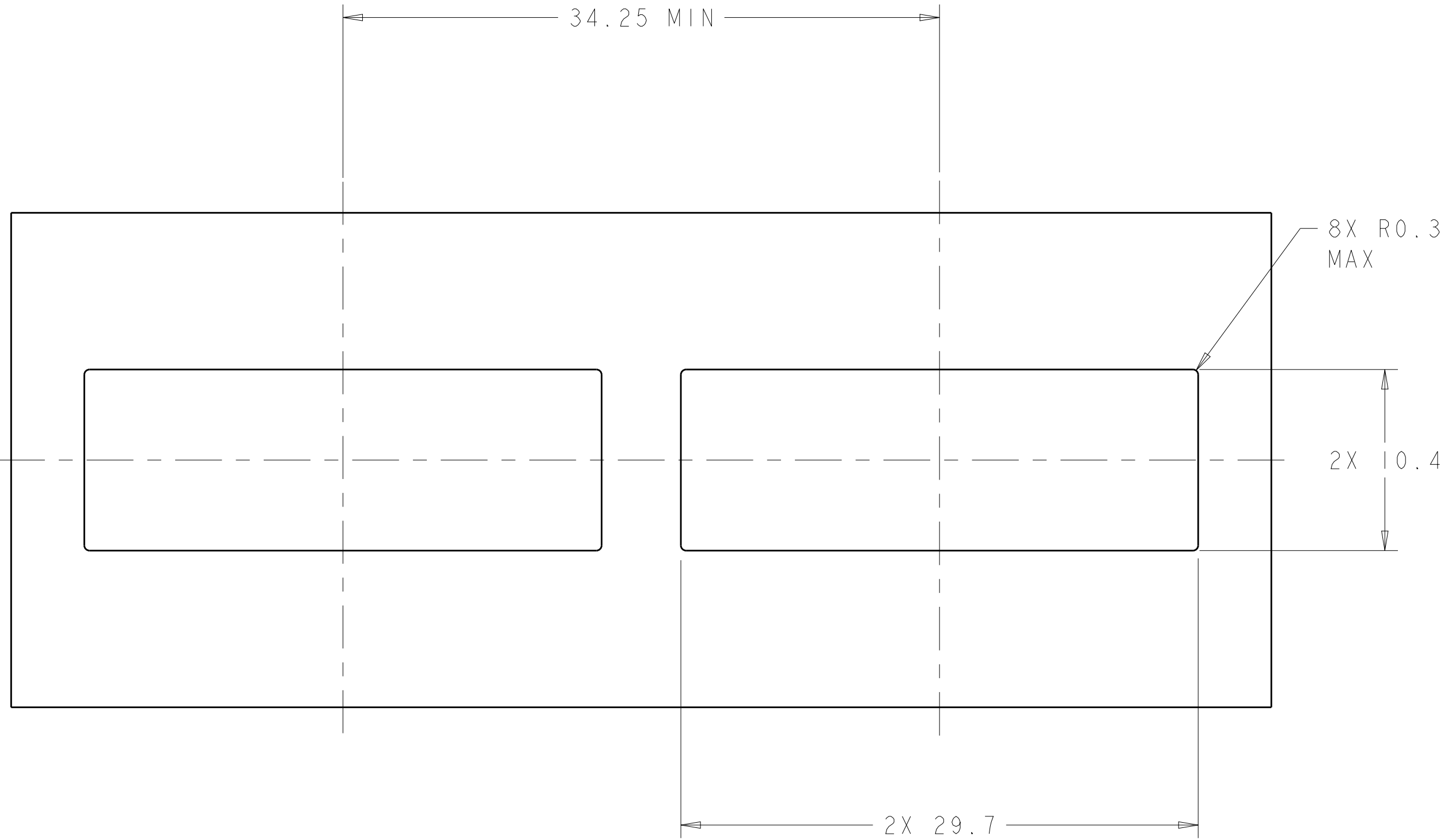
2170190-3 3D VIEW



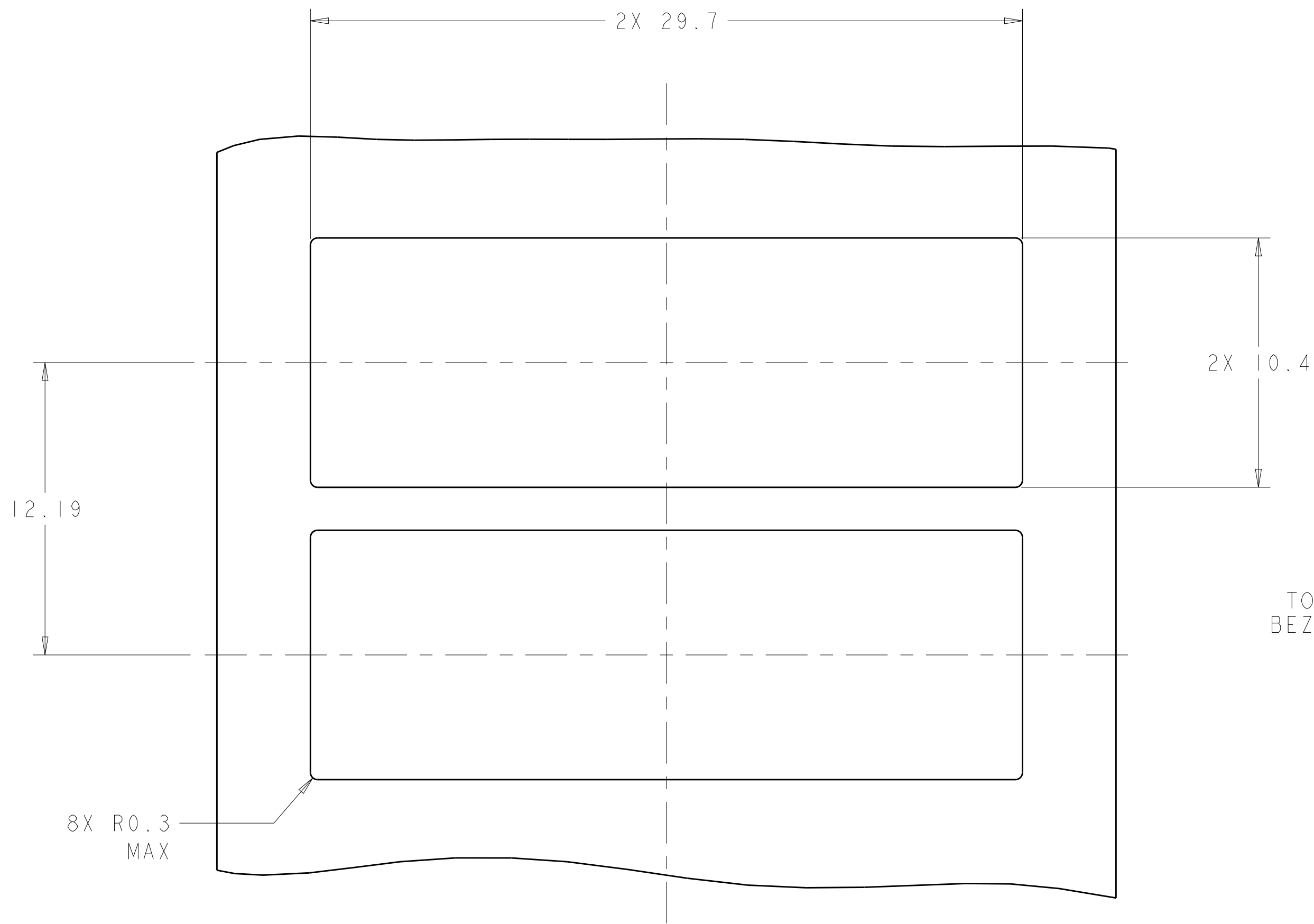
2170190-4 3D VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN	TIM XUE	21NOV2011	 TE Connectivity	
				CHK	ALEX CAI	21NOV2011		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	ALEX CAI	21NOV2011	NAME	
				PRODUCT SPEC				
mm		0 PLC ±0.13		108-2364			SIZE	
		1 PLC ±0.1		APPLICATION SPEC				
		2 PLC ±0.08		114-13120			CAGE CODE	
		3 PLC ±0.05		WEIGHT				
		4 PLC ±0.05		CUSTOMER DRAWING			SCALE	
		ANGLES ±1						
		FINISH					SHEET	
MATERIAL							OF	
							REV	
							A2	

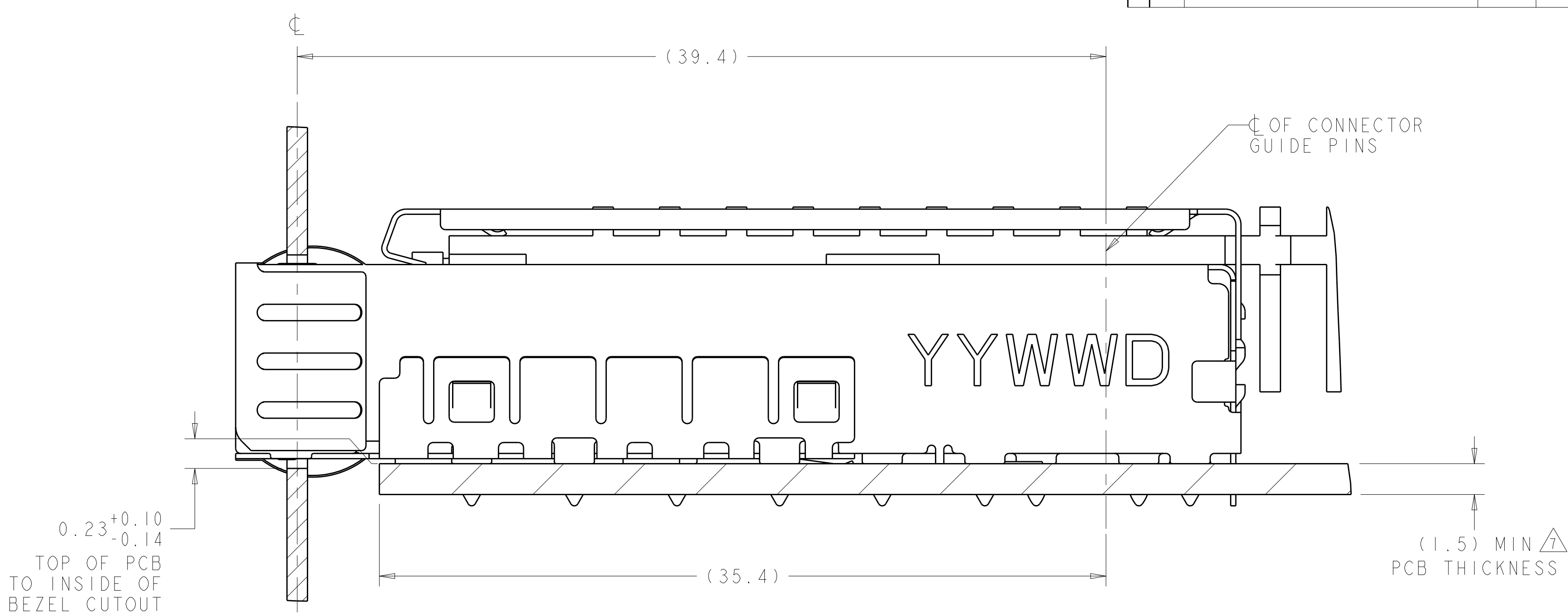
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	



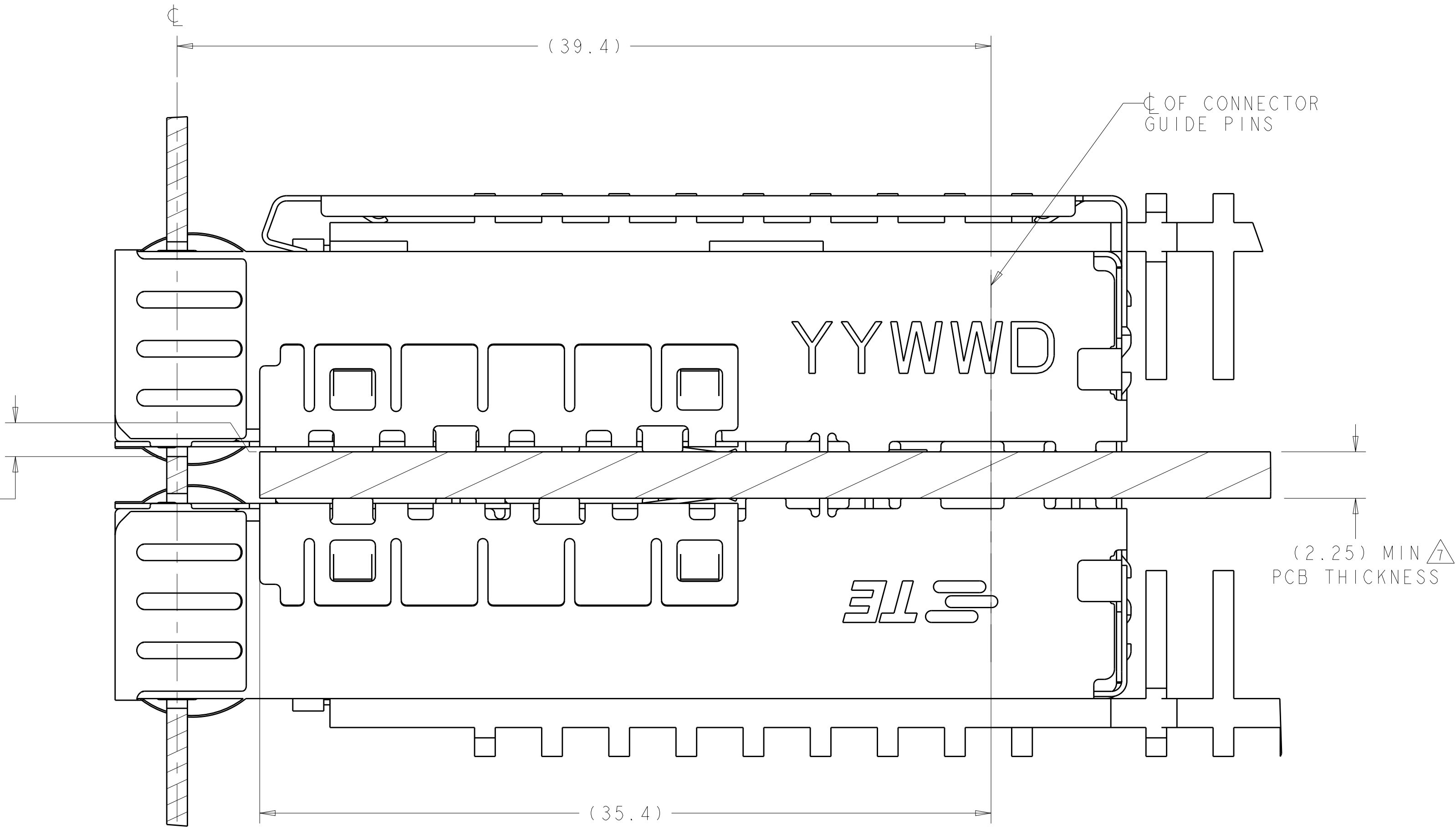
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 4:1



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

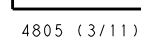


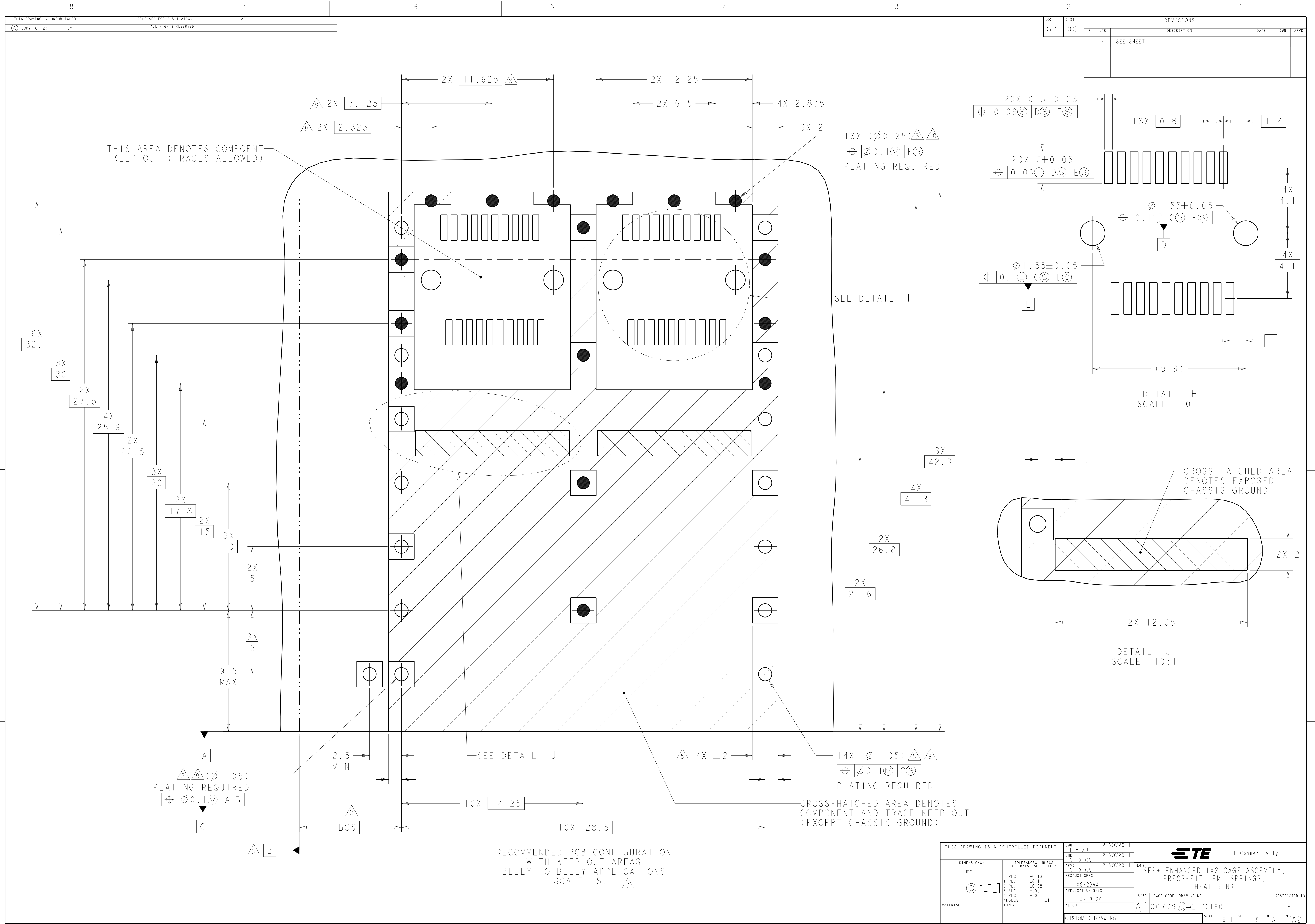
2170190-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



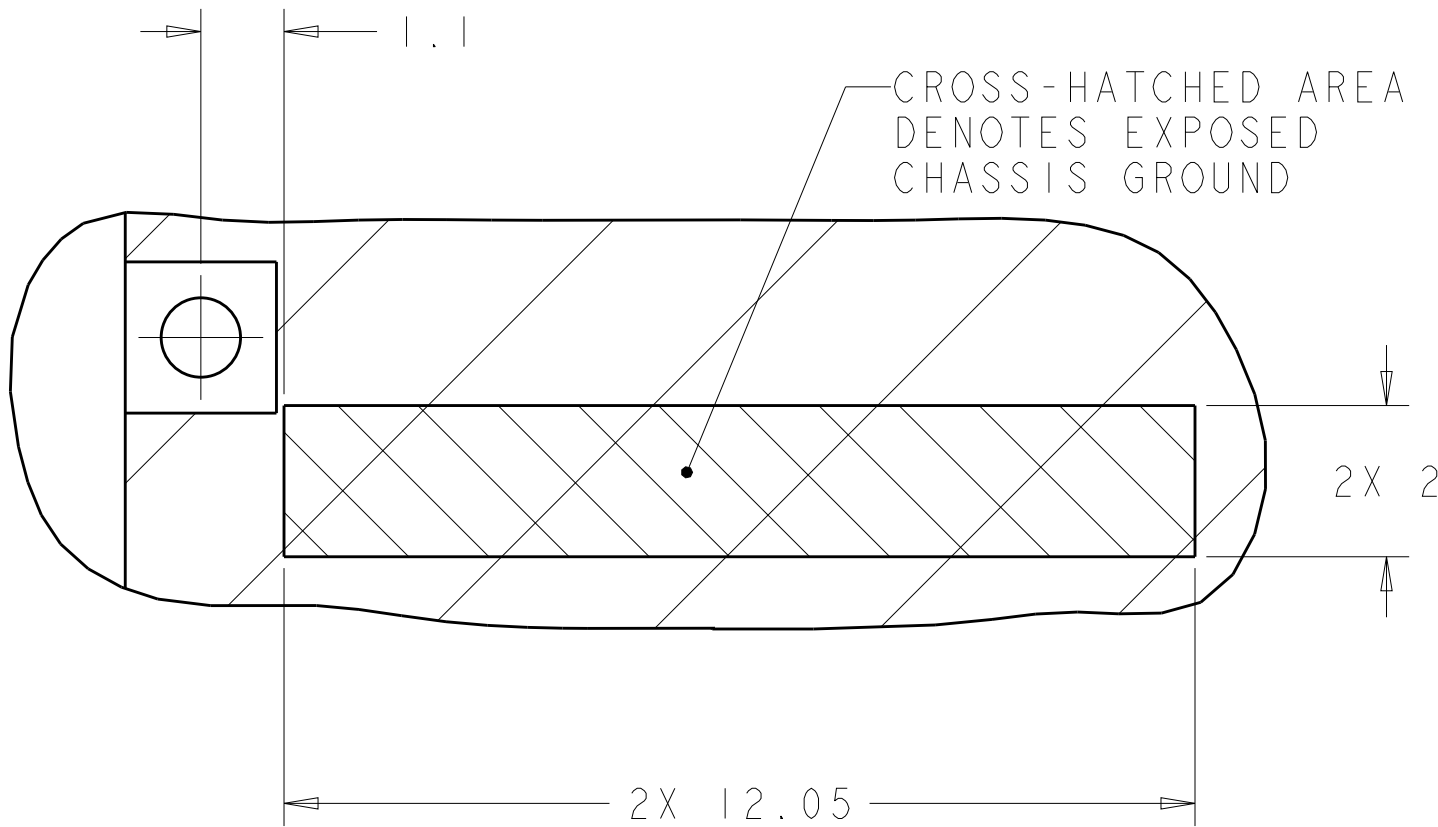
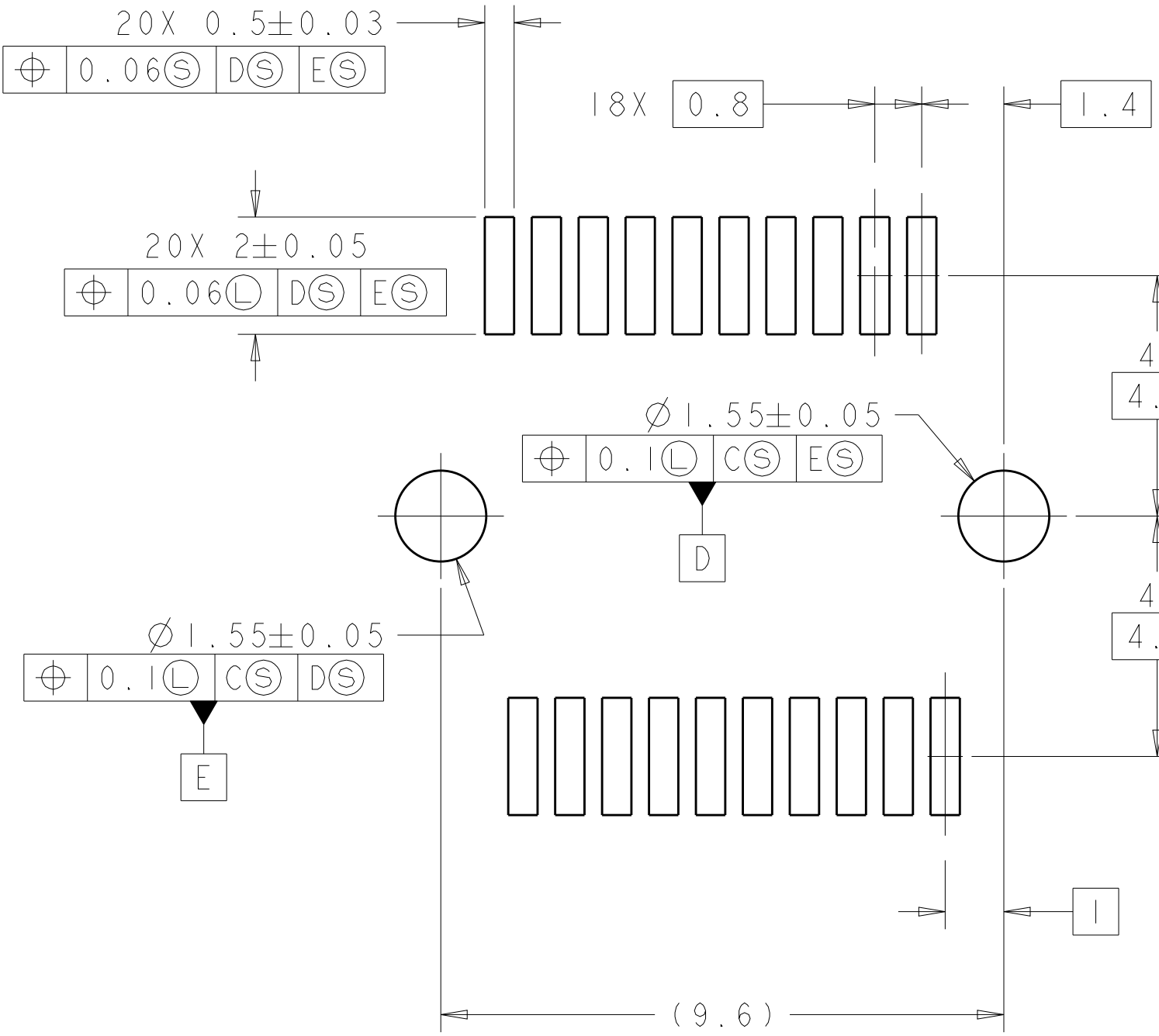
2170190-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN TIM XUE 21NOV2011		 TE Connectivity			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK ALEX CAI 21NOV2011		NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK			
mm				APVD ALEX CAI 21NOV2011					
		0 PLC ±0.13		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C=2170190 -			
		1 PLC ±0.1		108-2364					
		2 PLC ±0.08		APPLICATION SPEC					
		3 PLC ±0.05		114-13120					
		4 PLC ±0.05		ANGLES ±1					
MATERIAL		FINISH		WEIGHT -					
CUSTOMER DRAWING				SCALE 6:1		SHEET 3 OF 5		REV A2	



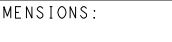


LOC		DIST		REVISONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



DETAIL J
SCALE 10:1

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TIM XUE		21NOV2011		 TE Connectivity	
		CHK	ALEX CAI		21NOV2011			
DIMENSIONS:		APVD	ALEX CAI		21NOV2011		NAME	
mm		PRODUCT SPEC						
		108-2364					SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
		APPLICATION SPEC						
		114-13120						
		WEIGHT						
MATERIAL		CUSTOMER DRAWING					RESTRICTED TO	
		FINISH					-	
		A100779					C=2170190	
		SCALE 6:1					SHEET 5 OF 5	
		REV A2						



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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