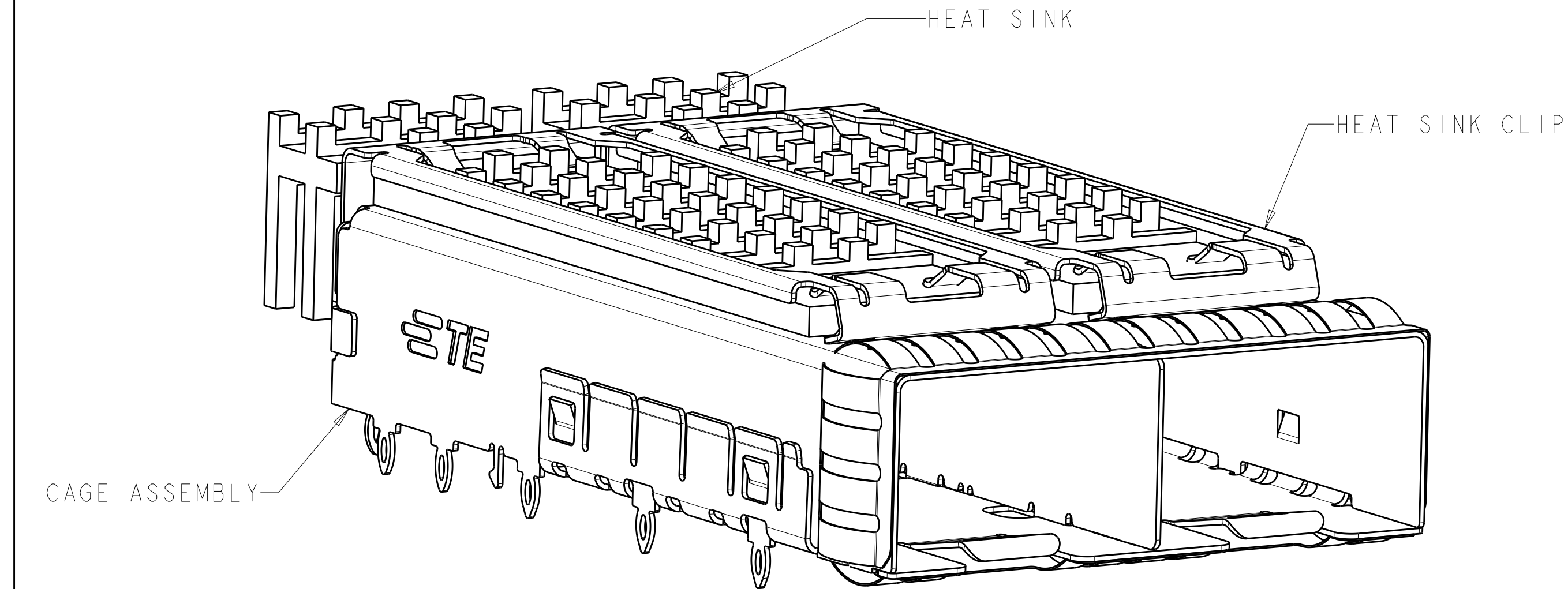
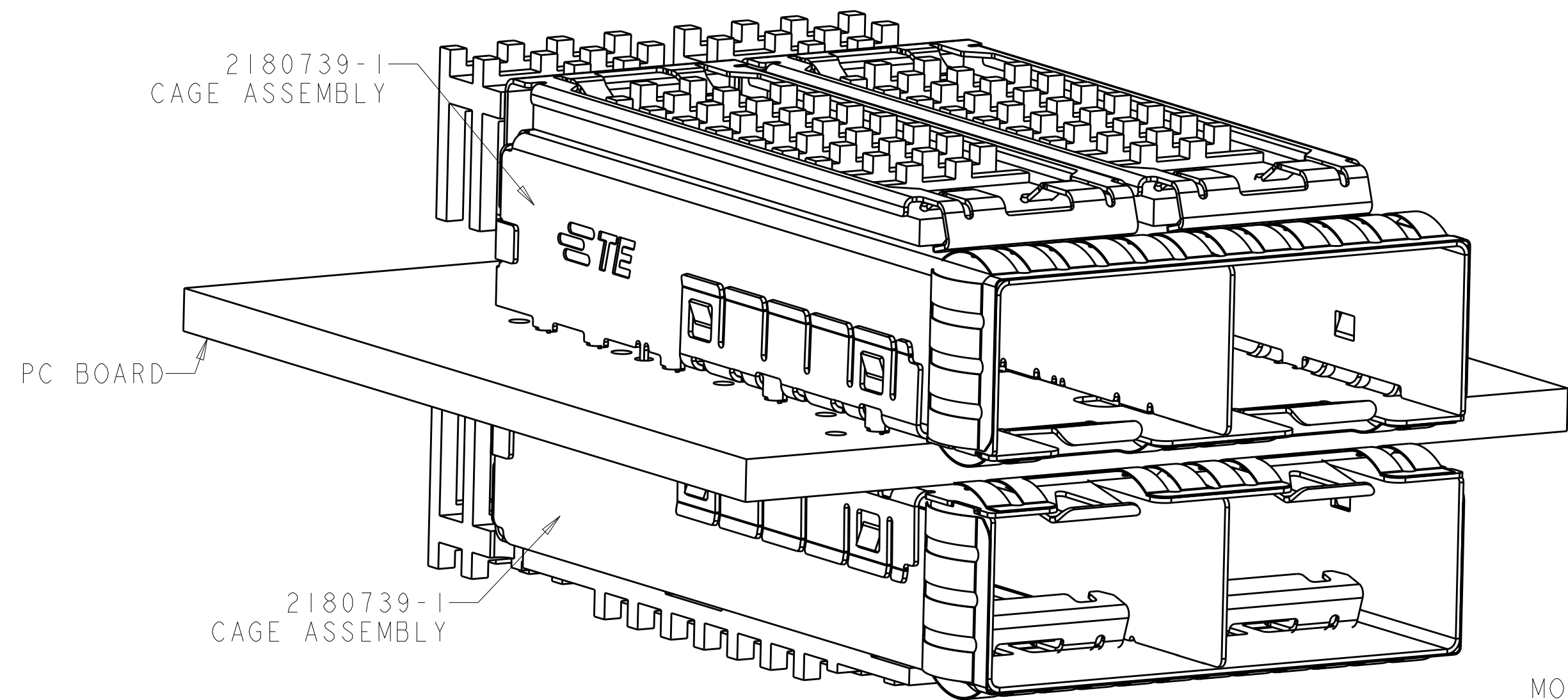
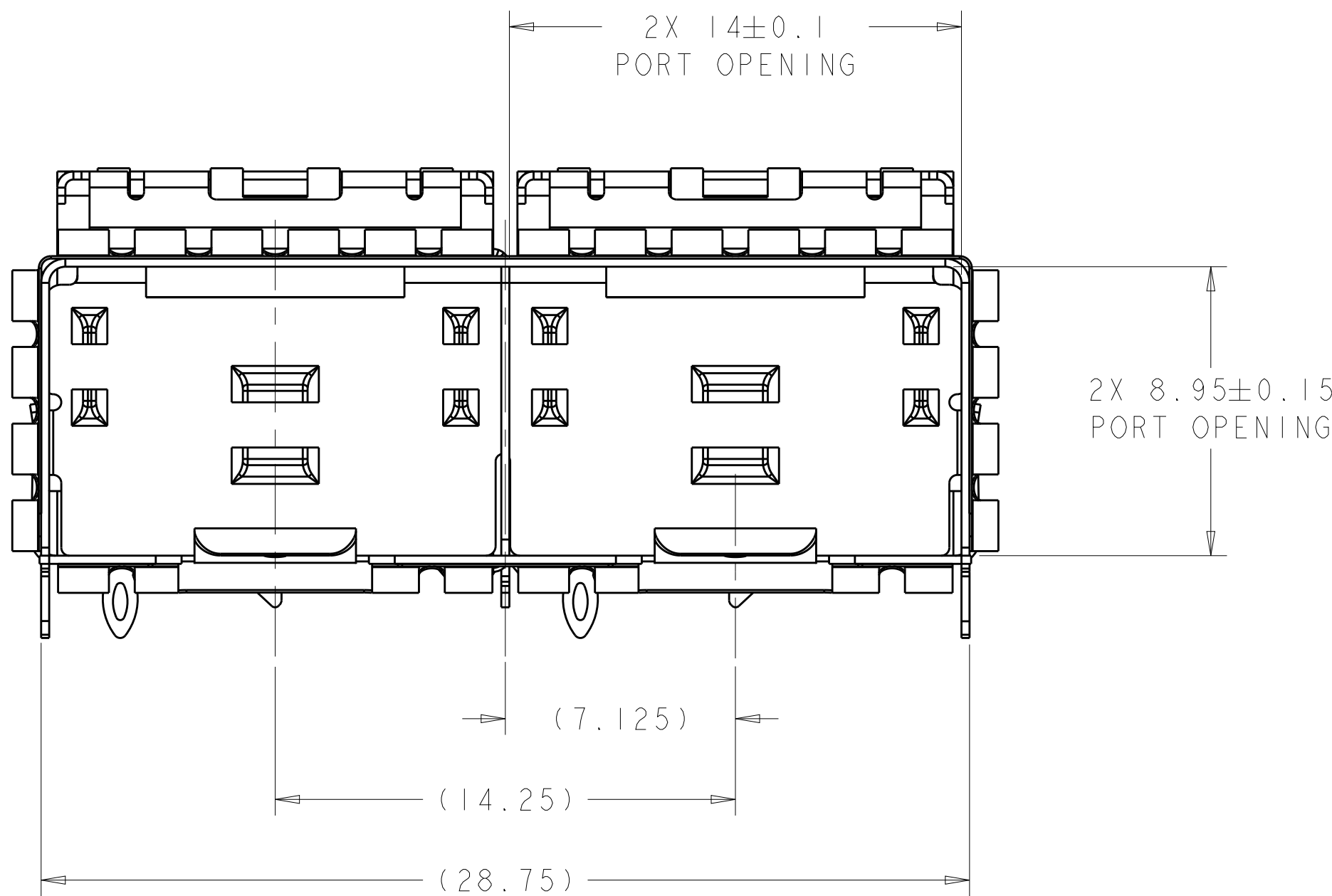




2170190-1
SCALE 5:1

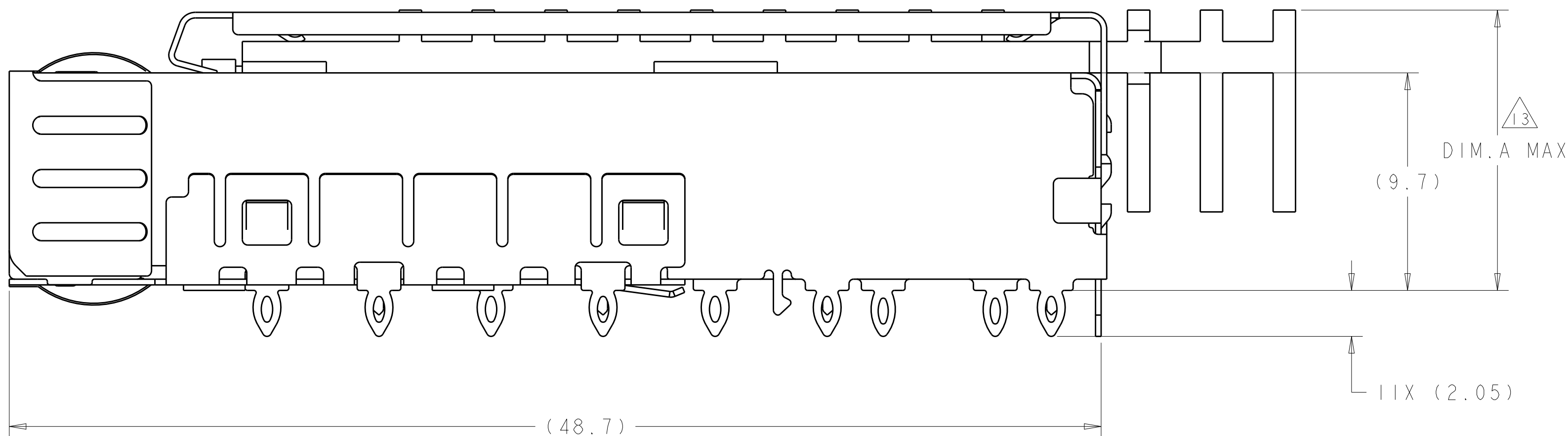


2180739-1
CAGE ASSEMBLY

- 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

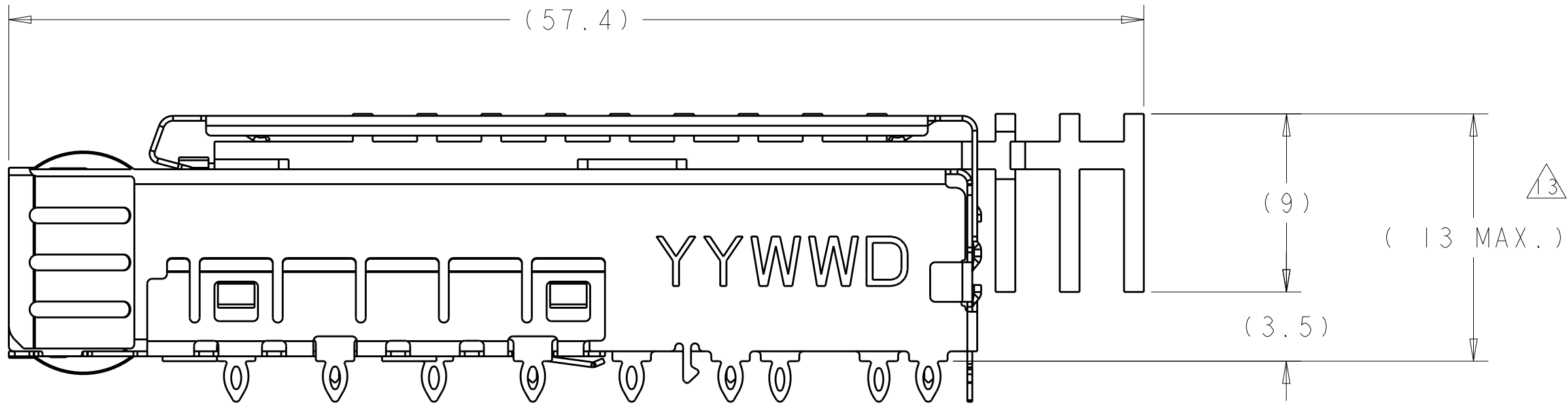


PIN TYPE	HEAT SINK W/ THE FRIST ROW PIN	2170190-4
FIN TYPE	HEAT SINK W/ THE FRIST ROW PIN	2170190-3
PIN TYPE	HEAT SINK W/ THE FIRST ROW PIN	2170190-2
PIN TYPE	HEAT SINK W/O THE FIRST ROW PIN	2170190-1
HEAT SINK	DESCRIPTION	PART NUMBER

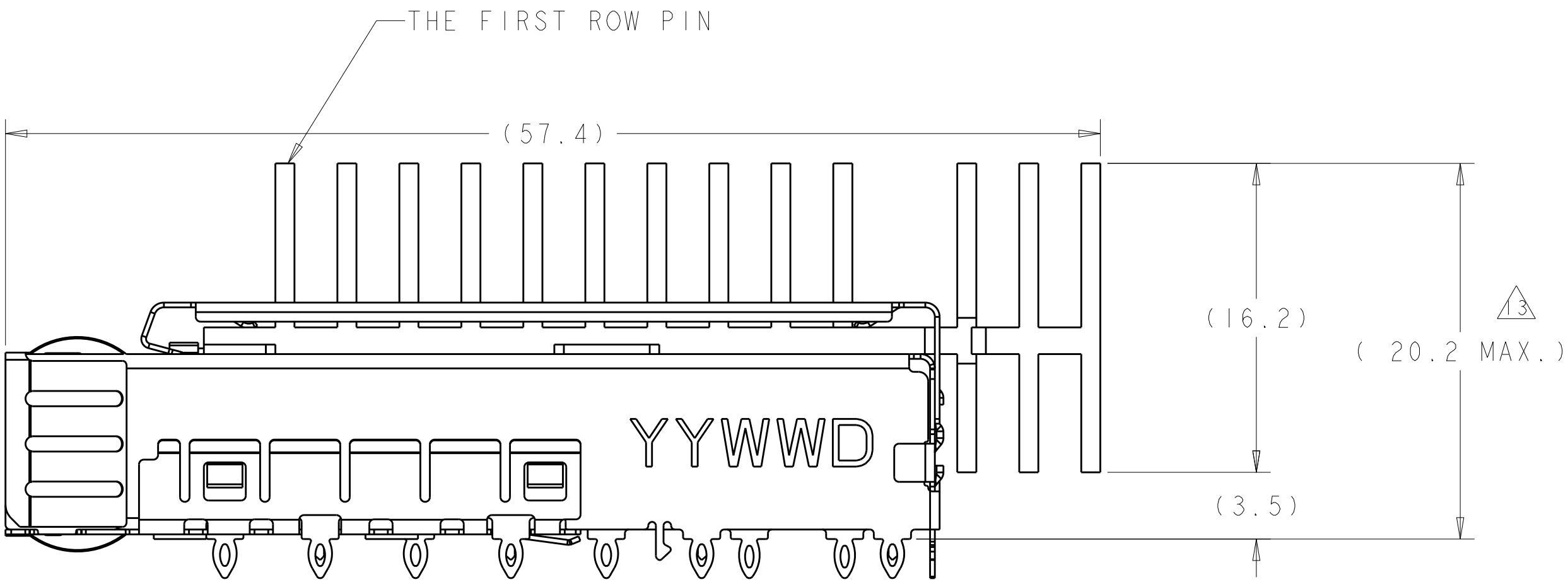
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 21NOV2011	TE Connectivity	
DIMENSIONS:		CHK ALEX CAI 21NOV2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 21NOV2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
	0 PLC ±0.13	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
	1 PLC ±0.1	108-2364		
	2 PLC ±0.08	APPLICATION SPEC	A100779C=2170190	
	3 PLC ±.05	114-13120		
MATERIAL	4 PLC ±.05	WEIGHT	CUSTOMER DRAWING	
	FINISH			
			SCALE 6:1 SHEET 1 OF 5 REV A2	

2170190-1
MOUNTED BELLY TO BELLY
SCALE 4:1

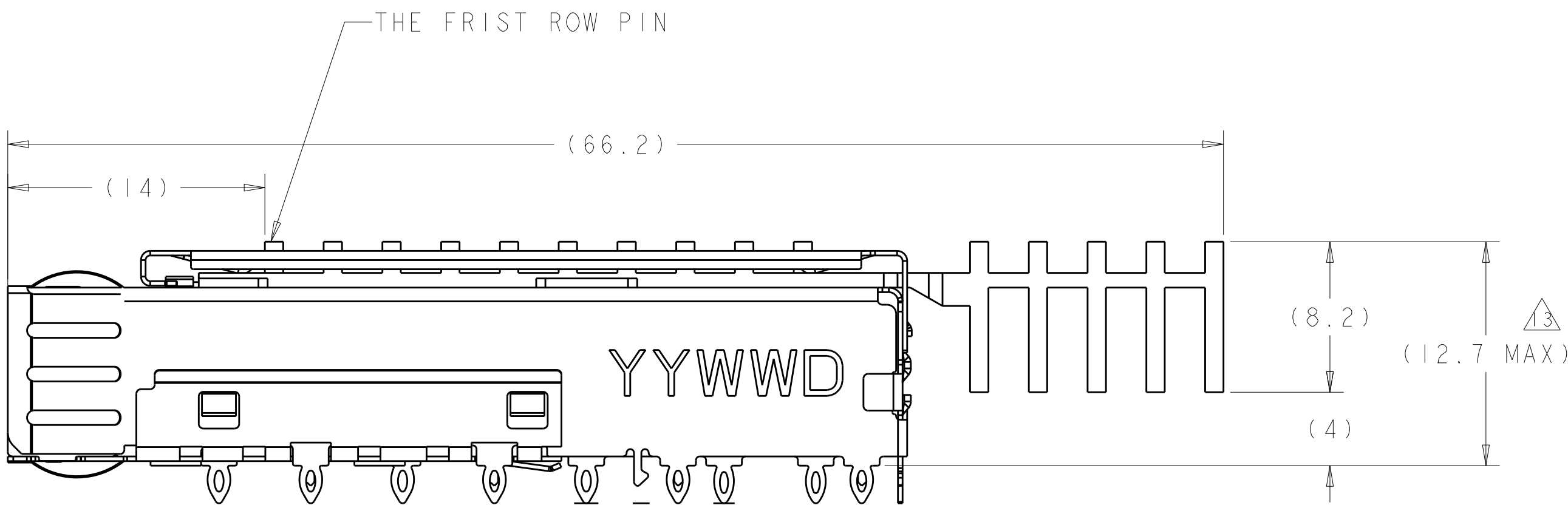
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



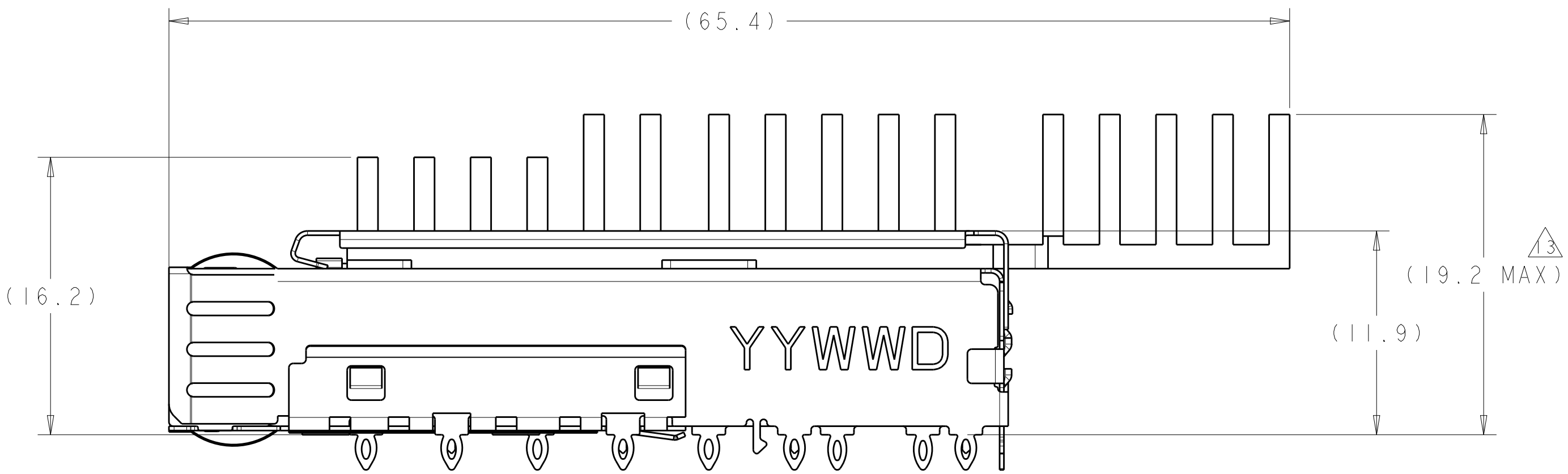
2170190-1 AS SHOWN
HEAT SINK W/O THE FIRST ROW PIN



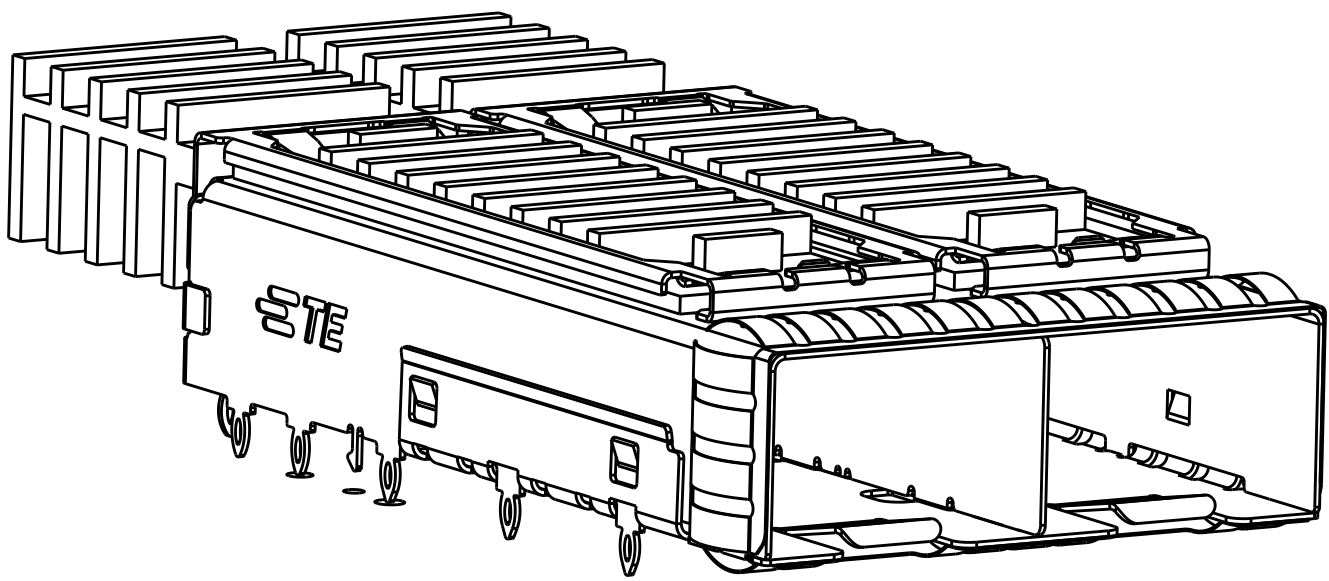
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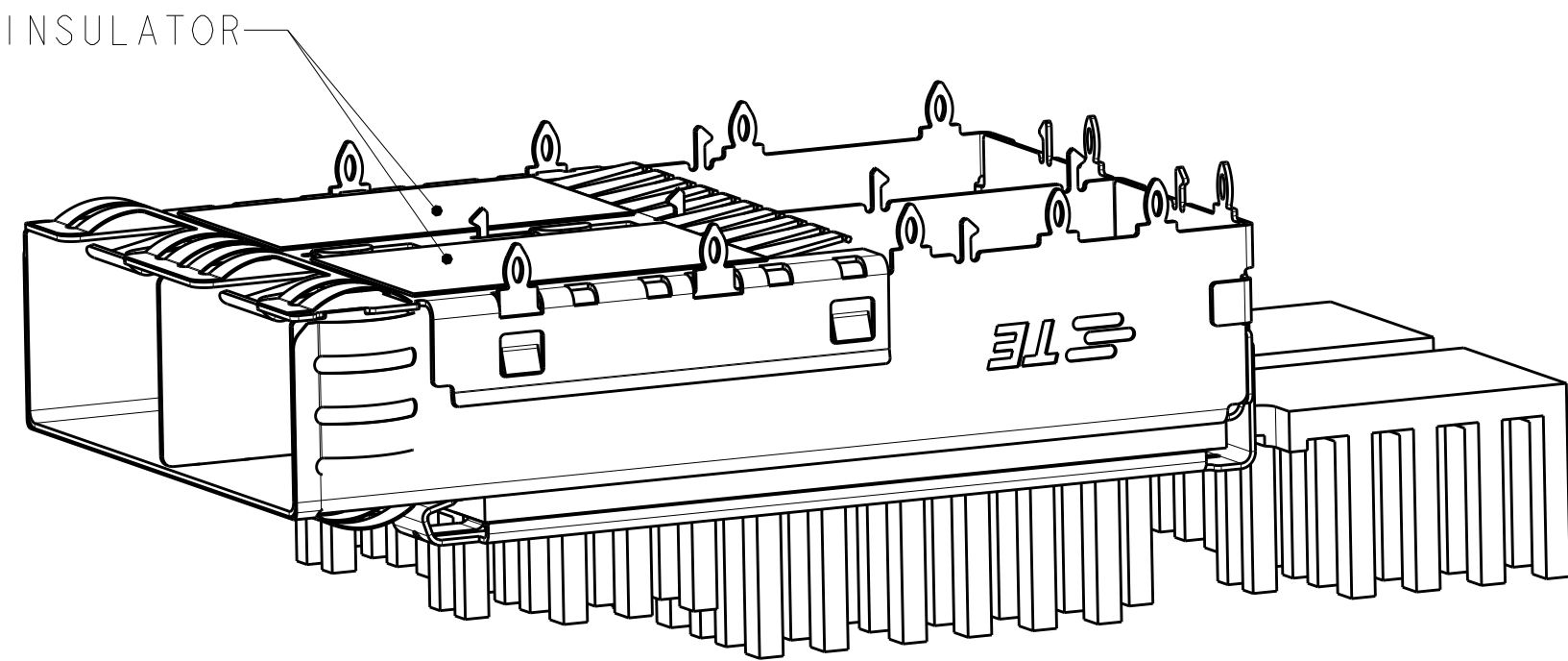
2170190-3 AS SHOWN



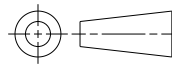
2170190-4 AS SHOWN
SCALE 4:1



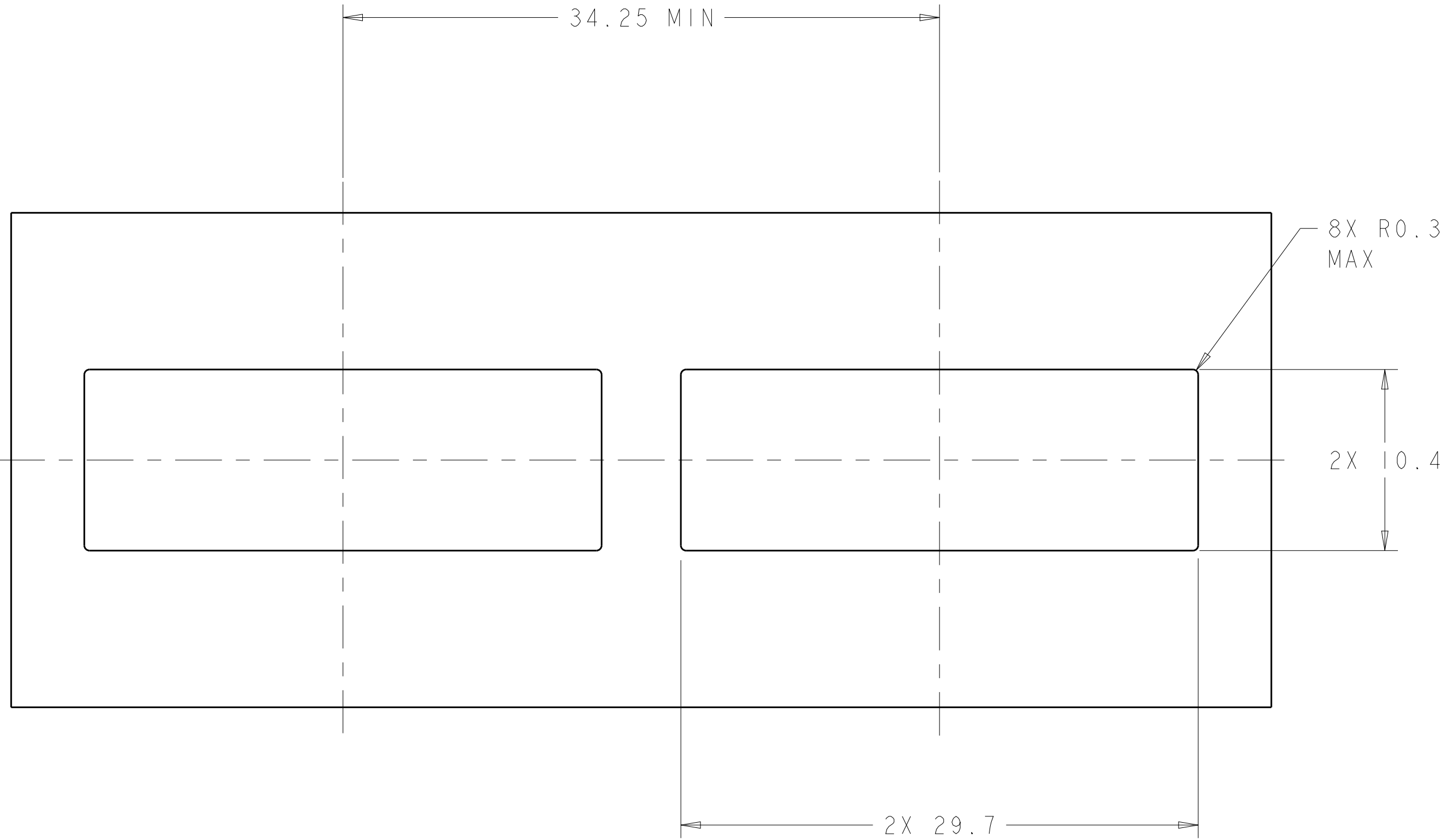
2170190-3 3D VIEW



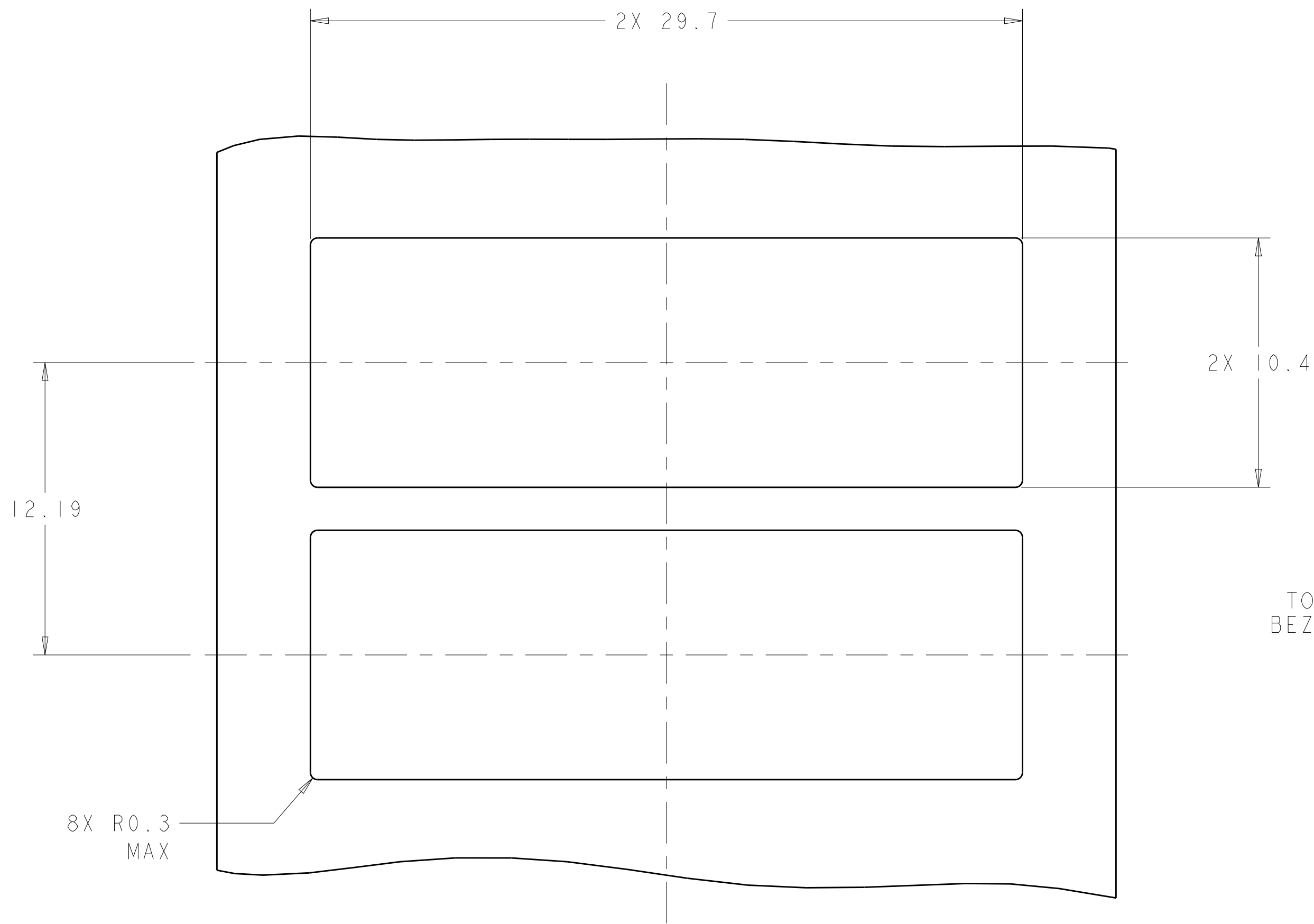
2170190-4 3D VIEW

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE	21NOV2011	 TE Connectivity		
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mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI	21NOV2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK		
	0 PLC	±0.13	PRODUCT SPEC	SIZE		
	1 PLC	±0.1	108-2364	CAGE CODE		
	2 PLC	±0.08	APPLICATION SPEC	DRAWING NO		
	3 PLC	±0.05	114-13120	A100779		
MATERIAL		FINISH	WEIGHT	C=2170190		
				CUSTOMER DRAWING		
				SCALE	6:1	SHEET 2 OF 5
						REV A2

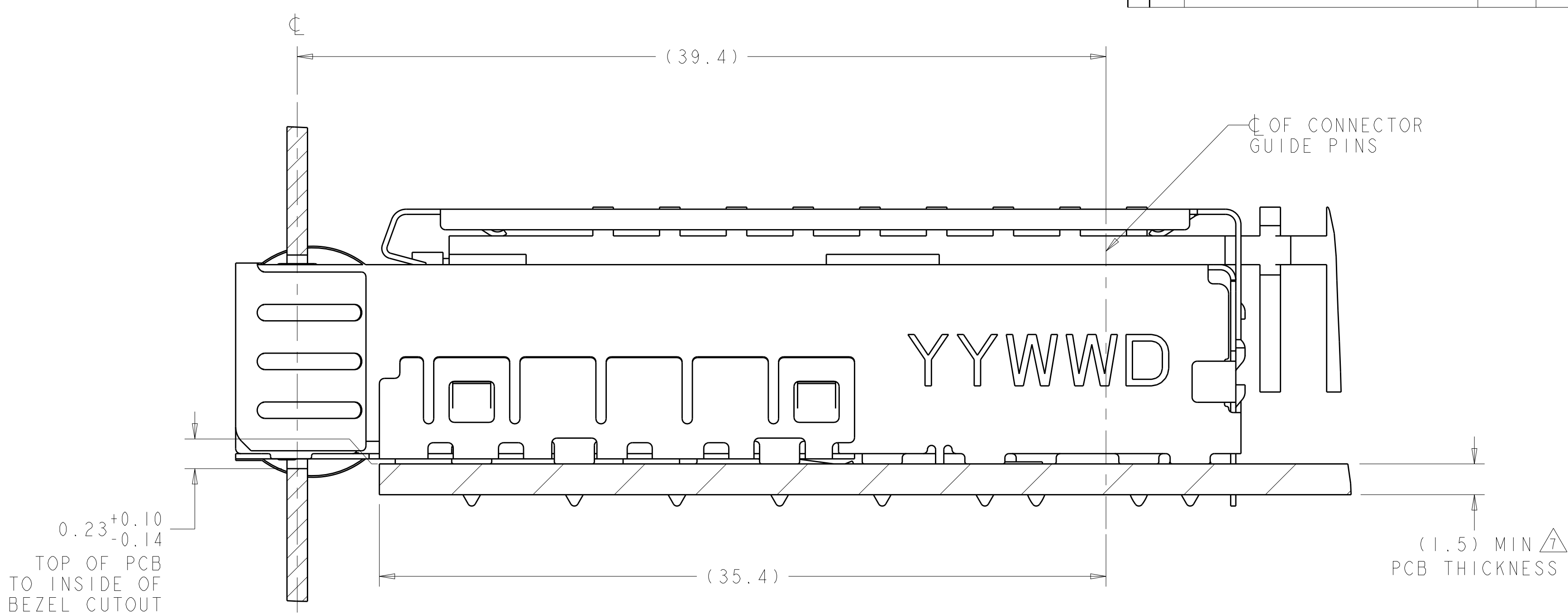
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	



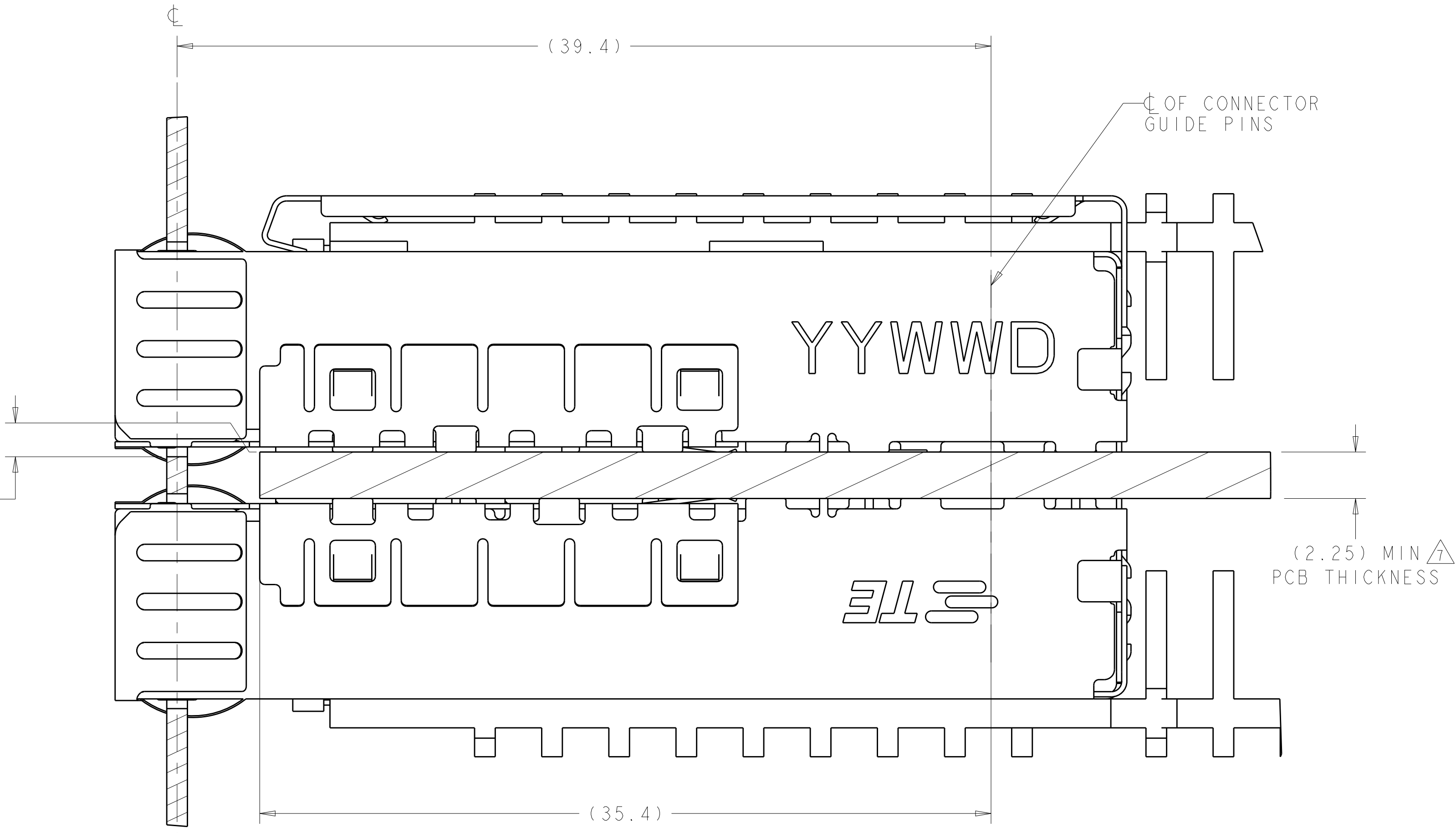
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 4:1



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

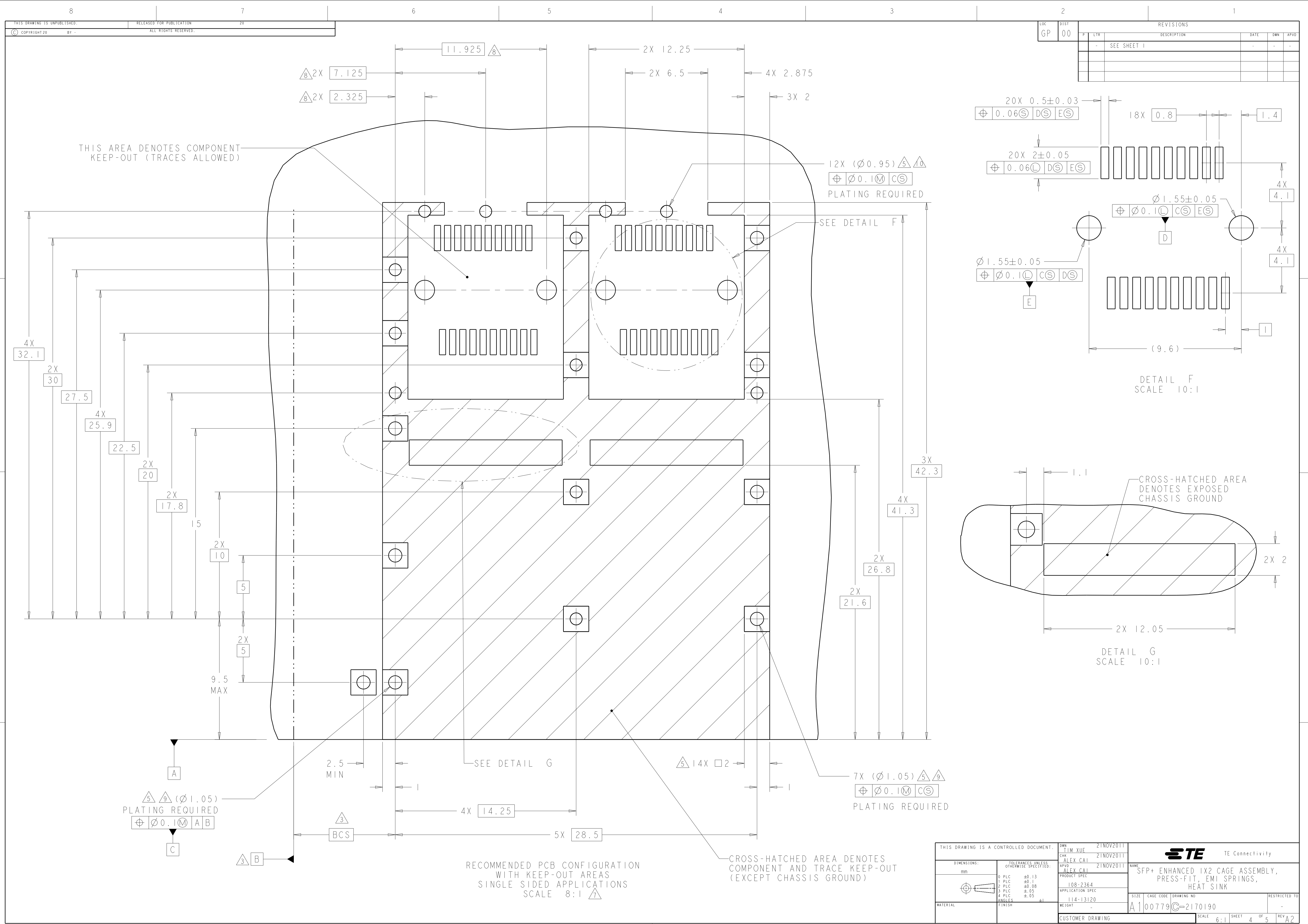


2170190-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

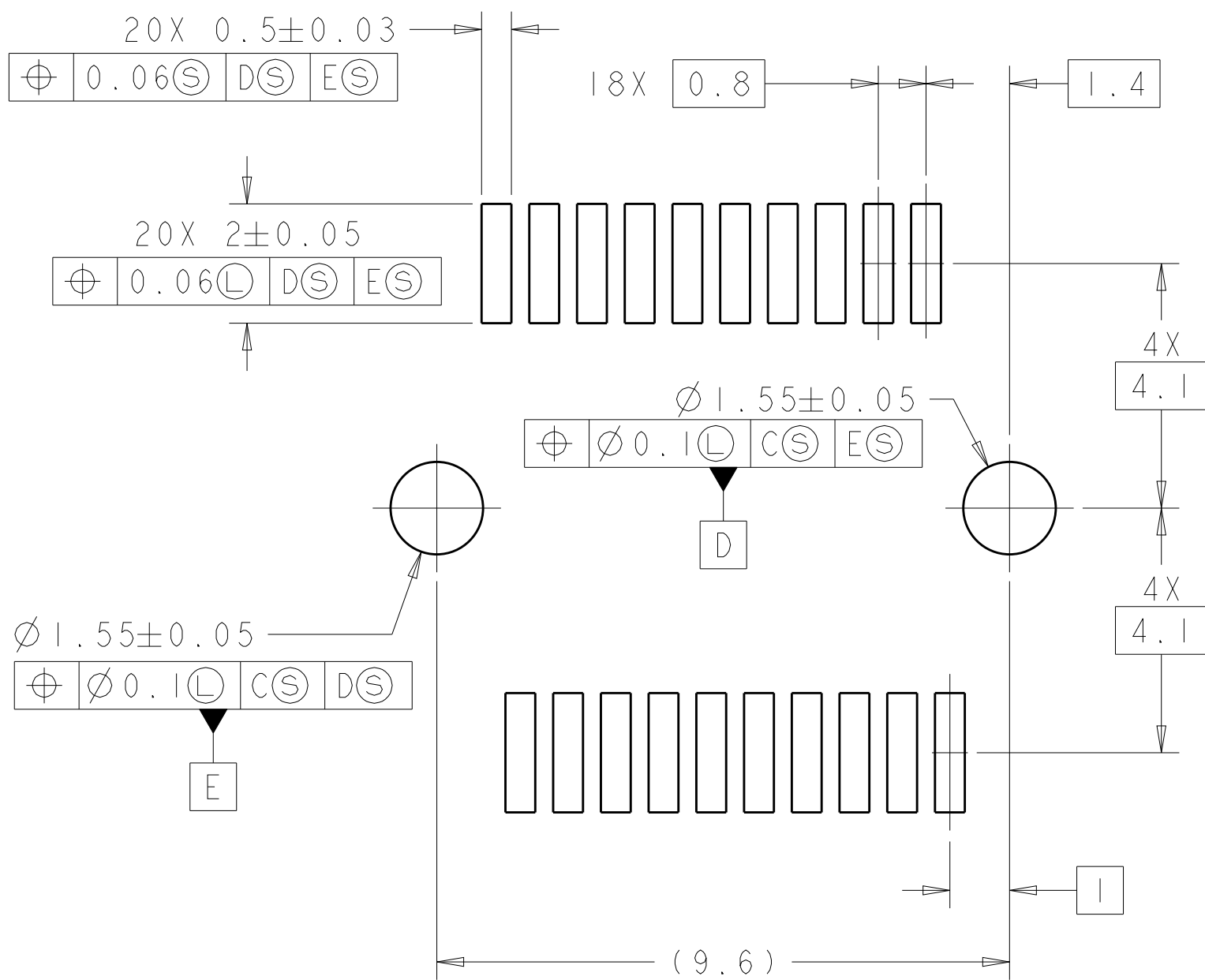


2170190-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

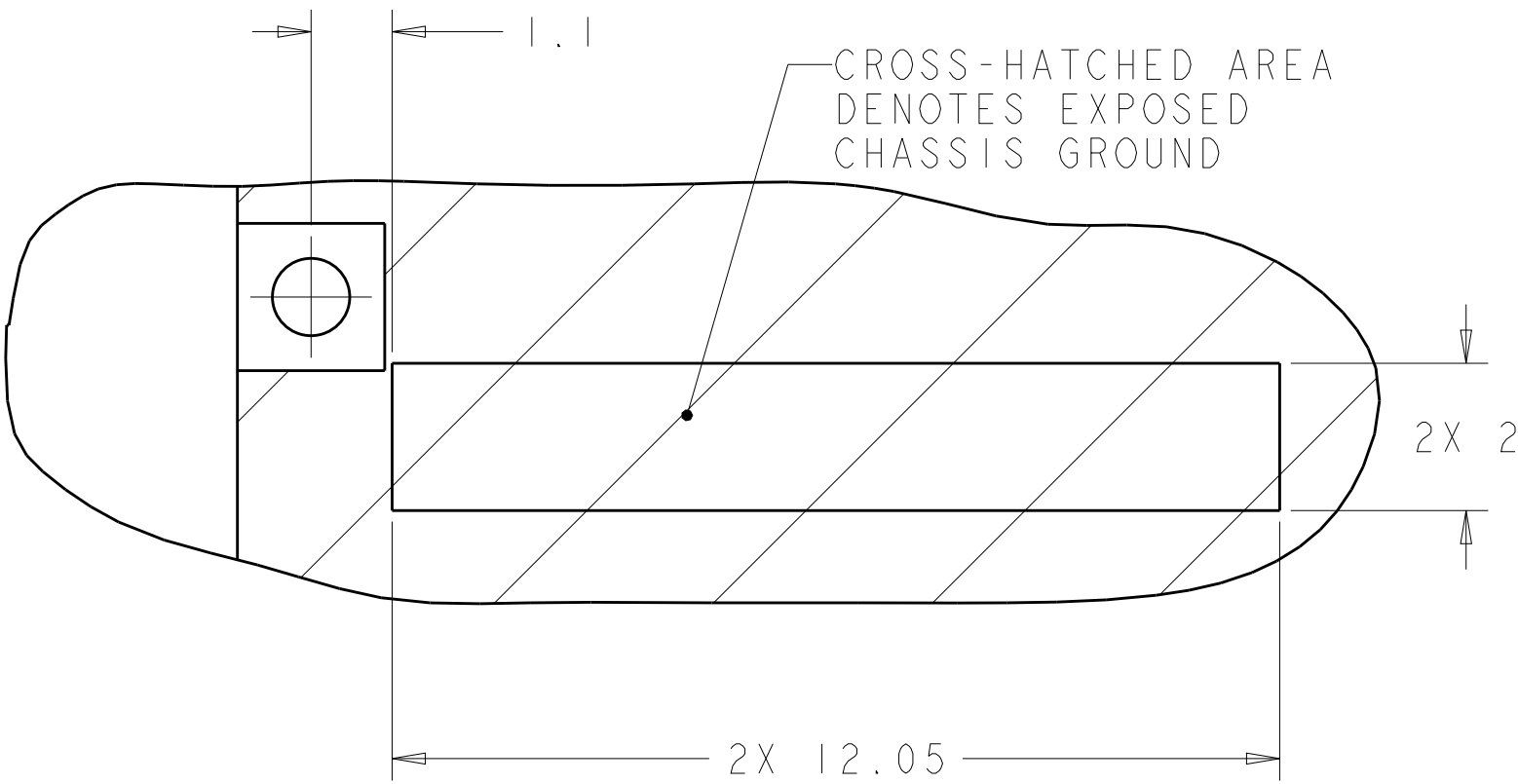
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN TIM XUE 21NOV2011		 TE Connectivity					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK ALEX CAI 21NOV2011		NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK					
mm				APVD ALEX CAI 21NOV2011							
		0 PLC ±0.13		PRODUCT 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											
FINISH				WEIGHT -							
MATERIAL											
CUSTOMER DRAWING						SCALE 6:1		SHEET 3 OF 5		REV A2	



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

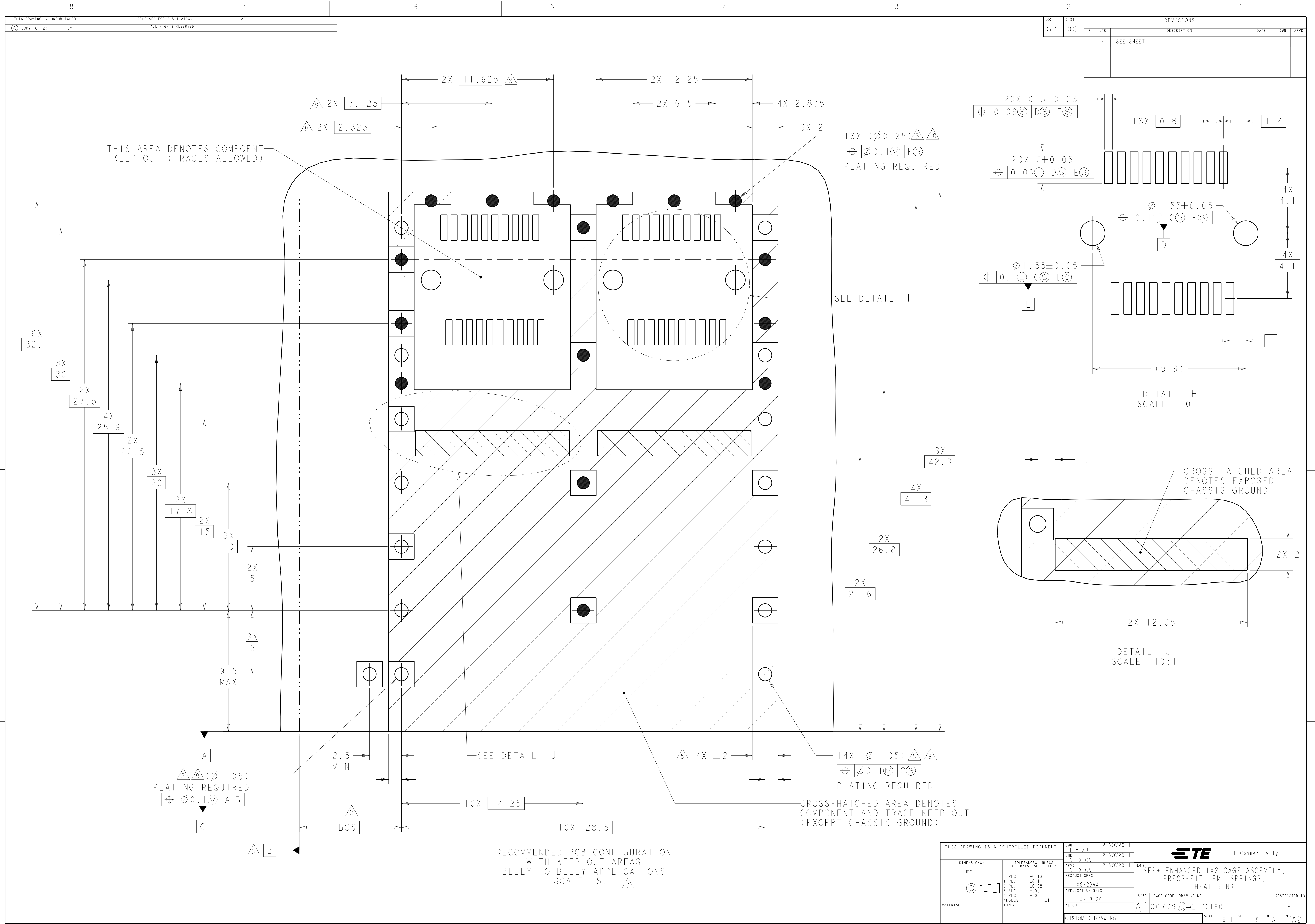


DETAIL F
SCALE 10:1

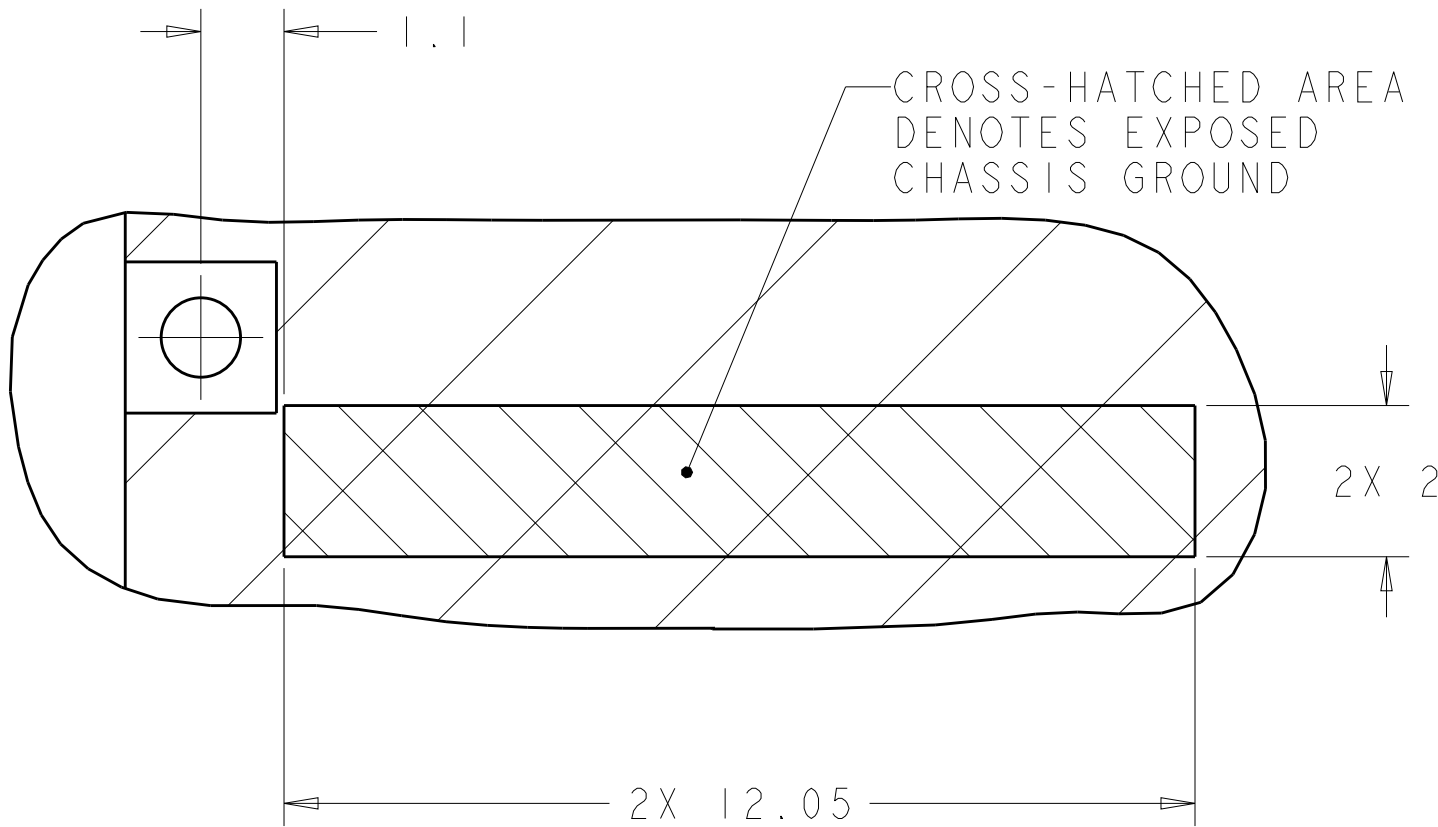
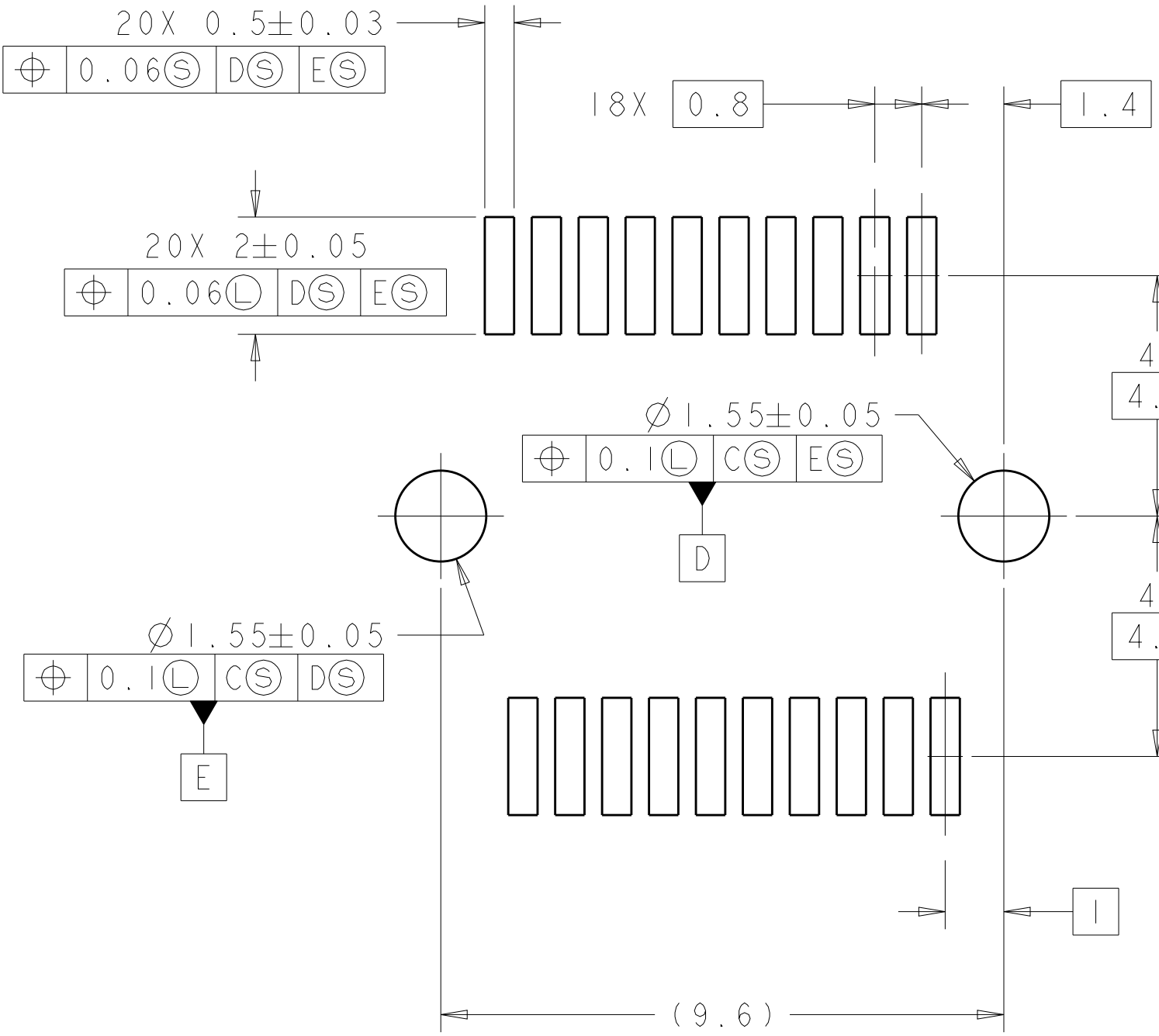


DETAIL G
SCALE 10:1

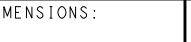
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	TIM XUE		21NOV2011		 TE Connectivity	
				CHK	ALEX CAI		21NOV2011			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	ALEX CAI		21NOV2011		NAME	
mm				PRODUCT SPEC		108-2364		SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK		
				APPLICATION SPEC		114-13120				
				WEIGHT		-		RESTRICTED TO		
MATERIAL		FINISH		CUSTOMER DRAWING		A 100779 © 2170190		-		
						SCALE 6:1		SHEET 4 OF 5		
								REV. A2		



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



DETAIL J
SCALE 10:1

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

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
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- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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