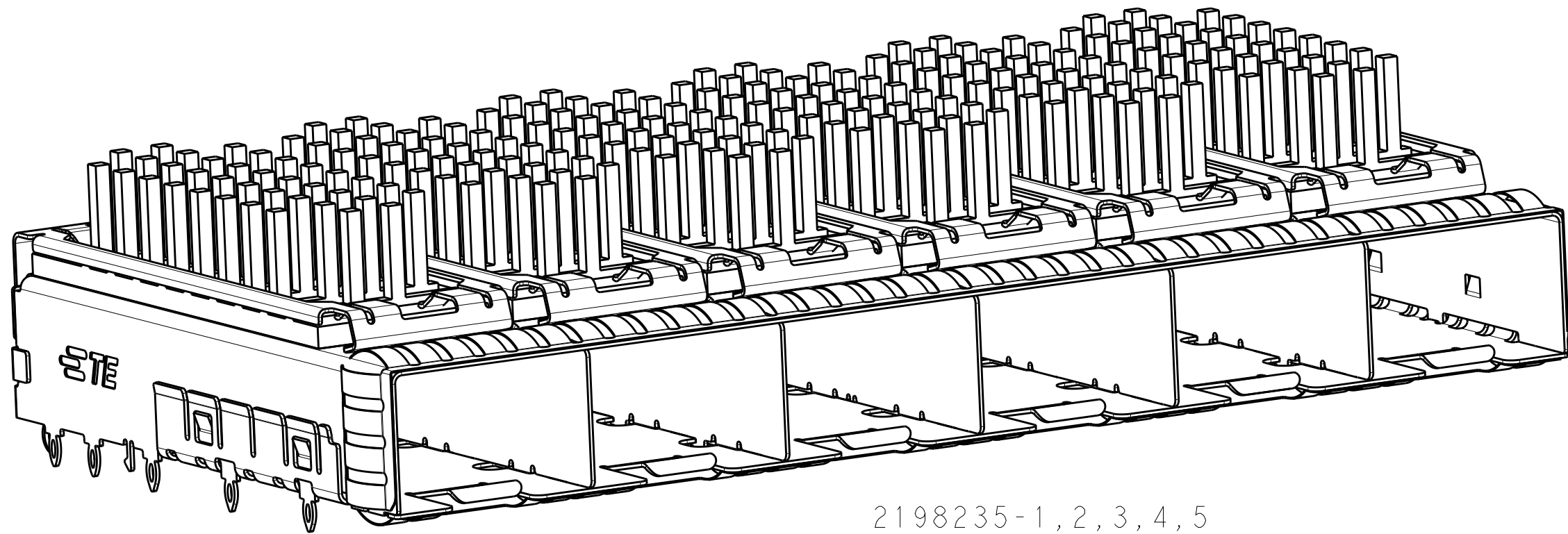
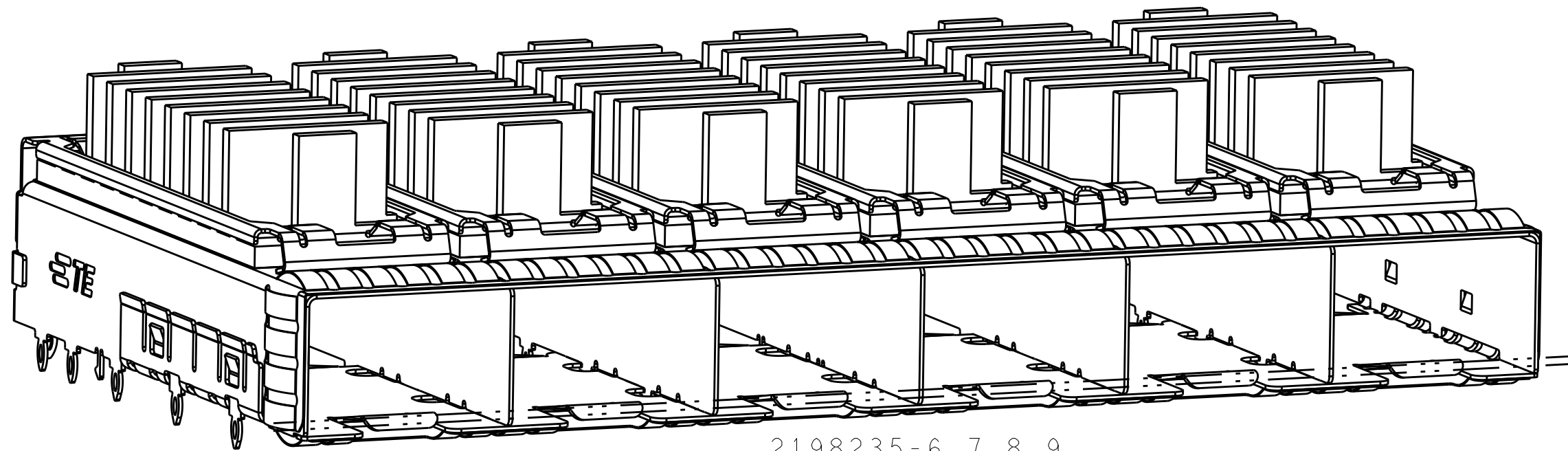
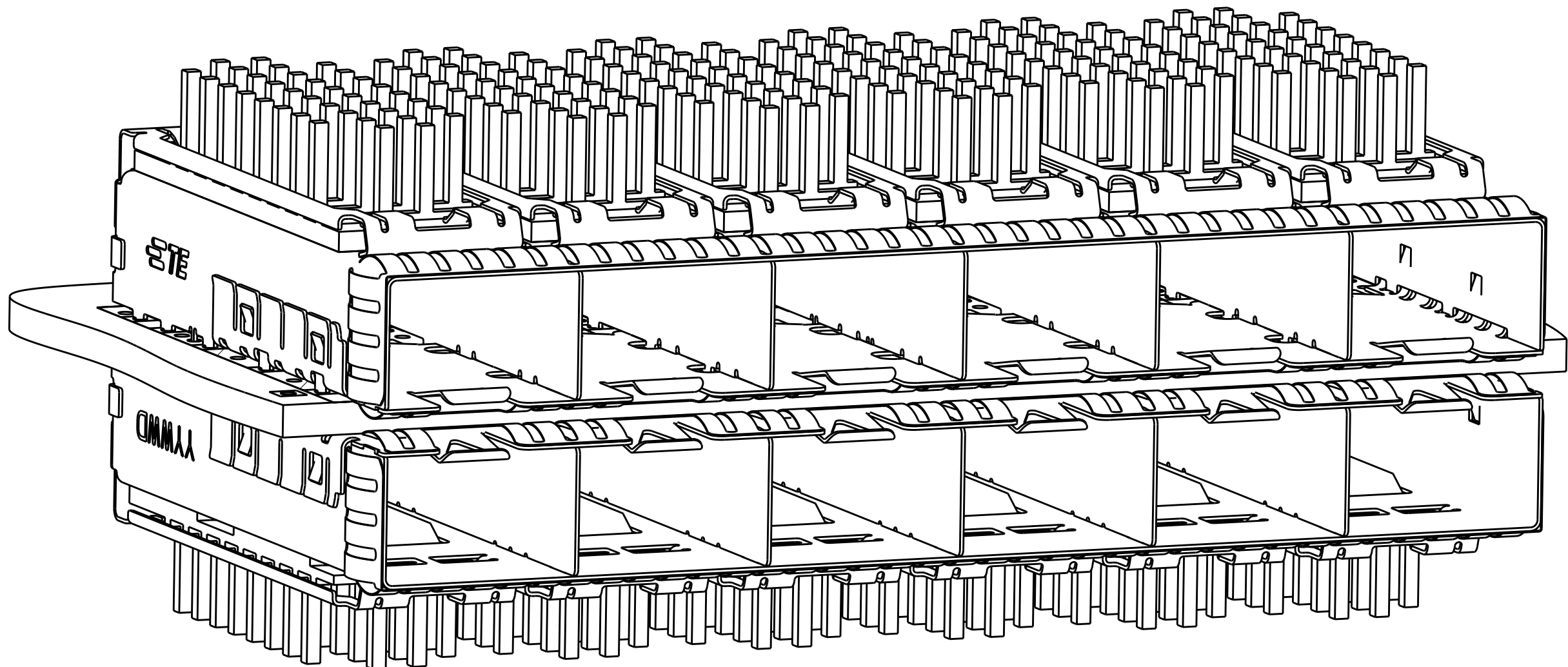
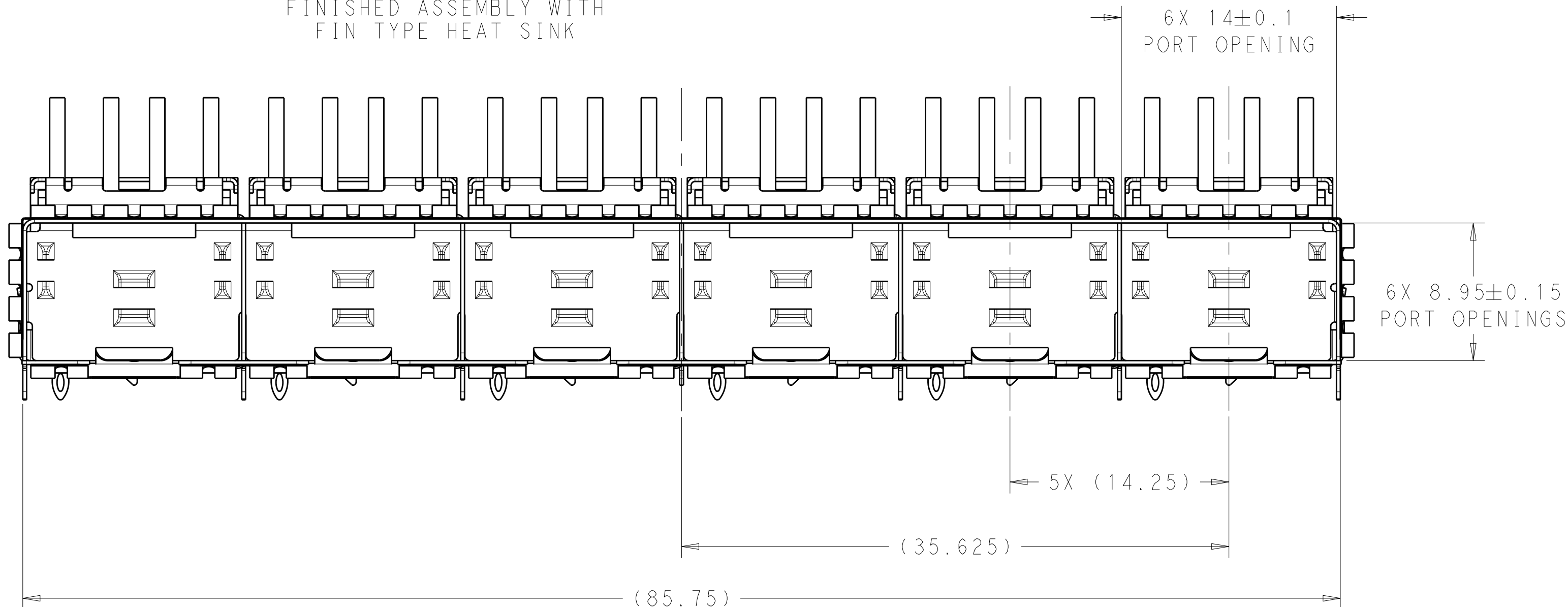




2198235-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



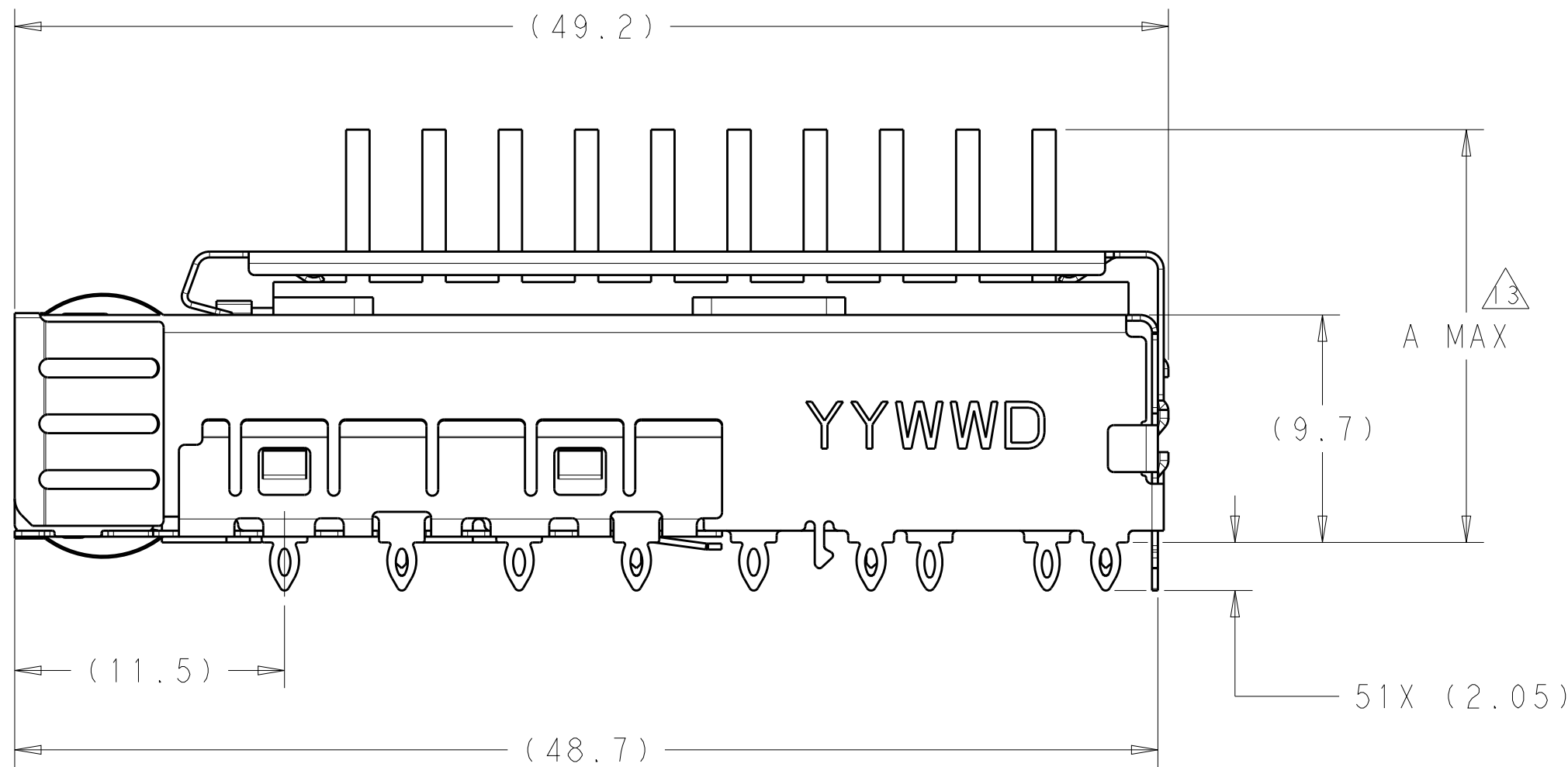
2198235-6,7,8,9
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK



2198235
MOUNTED BELLY TO BELLY ON PCB
SCALE 3:1

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

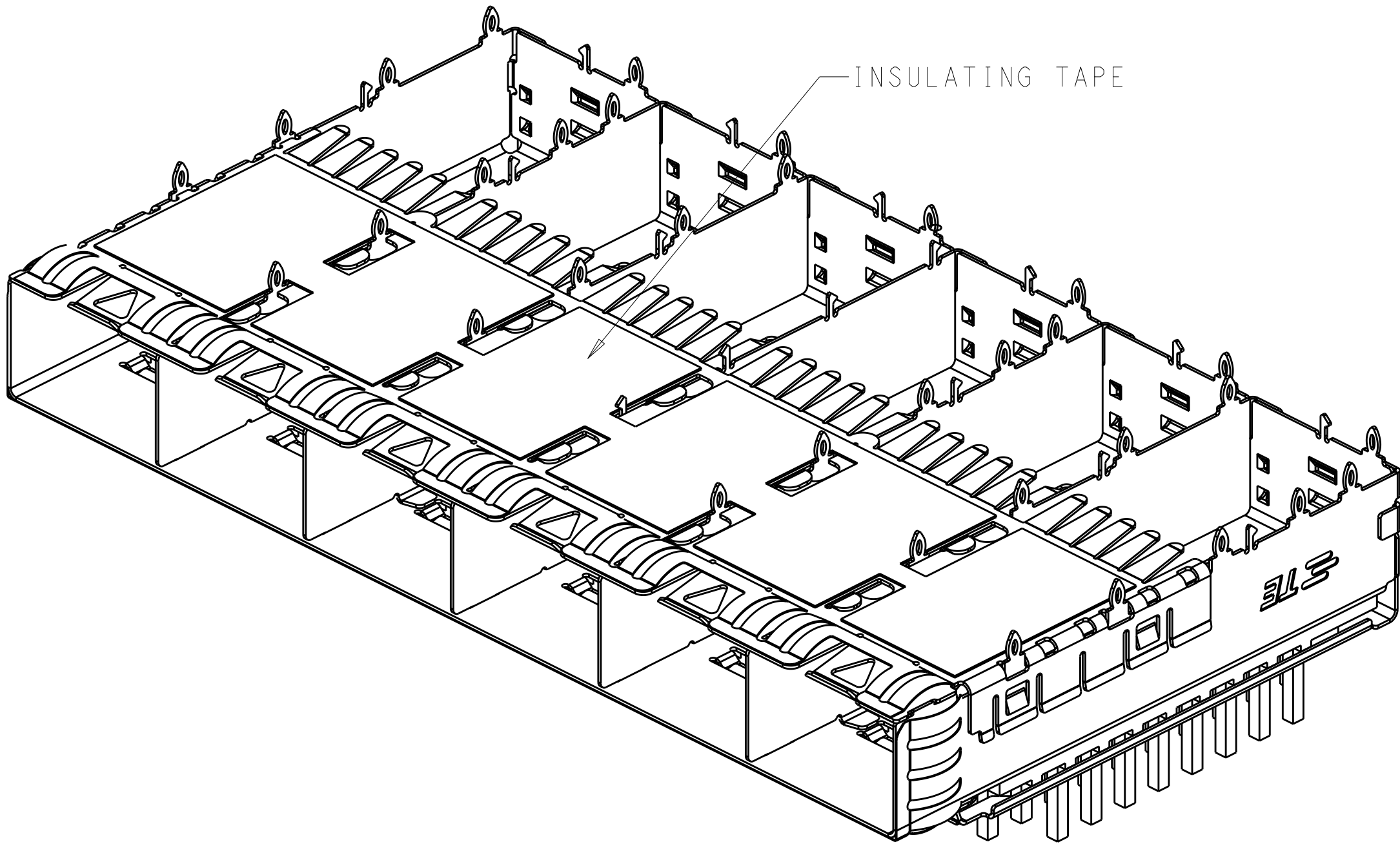
11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD BE DETERMINED BY THE CUSTOMER.
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



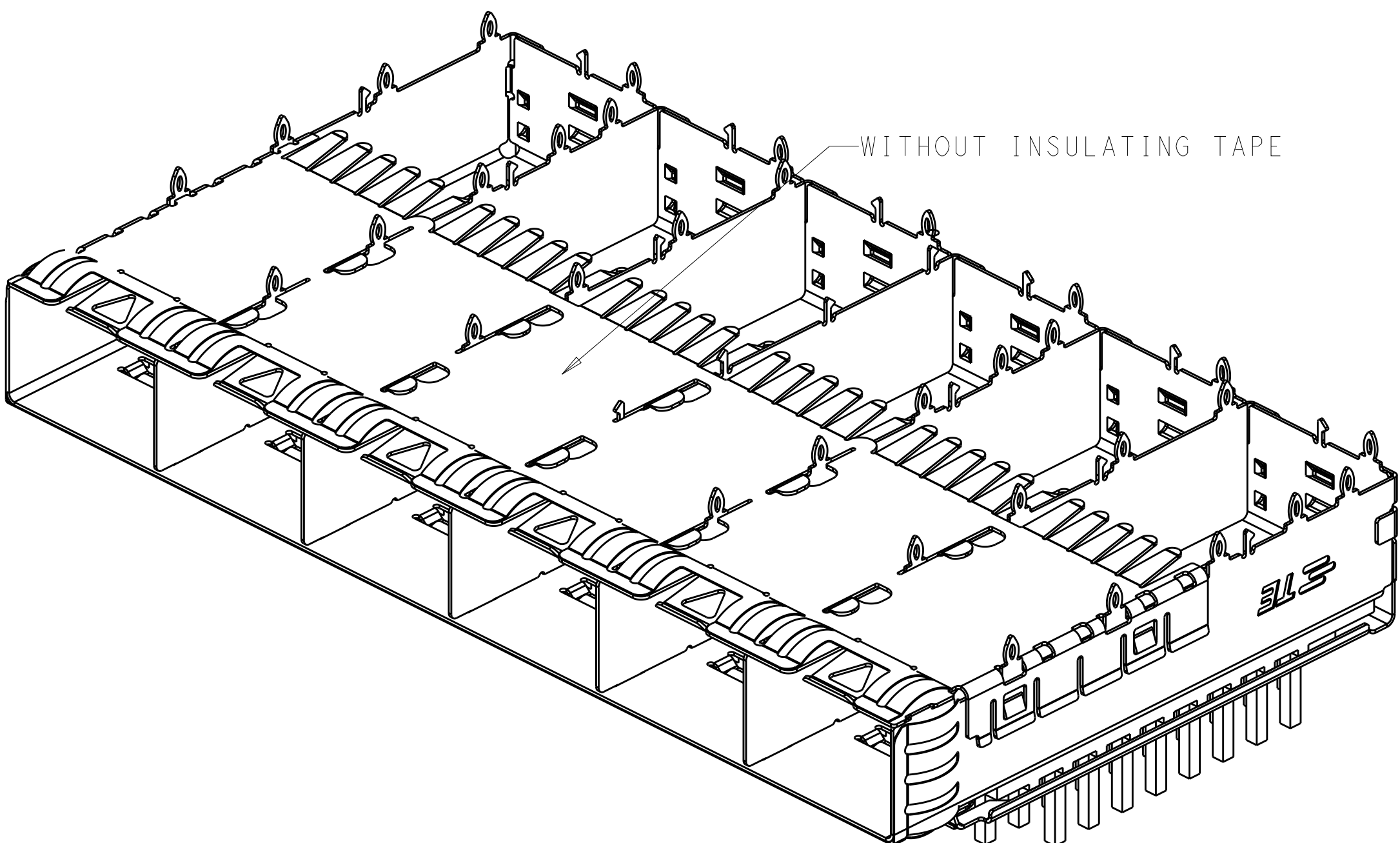
FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2198235-9
FIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2198235-8
FIN TYPE	W/O INSULATING TAPE	15.5	SAN	2198235-7
FIN TYPE	W/O INSULATING TAPE	13.2	PCI	2198235-6
PIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2198235-5
PIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2198235-4
PIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2198235-3
PIN TYPE	W/O INSULATING TAPE	15.5	SAN	2198235-2
PIN TYPE	W/O INSULATING TAPE	13.2	PCI	2198235-1
HEAT SINK	DESCRIPTION	A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN B. MATTHEWS CHK M. SCHMITT APVD W. SCHMITT	15NOV2011 15NOV2011 15NOV2011
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME
mm	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1	108-2364	SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
MATERIAL	FINISH	APPLICATION SPEC	SIZE
		114-13120	CAGE CODE
		WEIGHT	DRAWING NO
		Customer Drawing	2198235
		SCALE	RESTRICTED TO
		4:1	1 OF 7
			REV B2

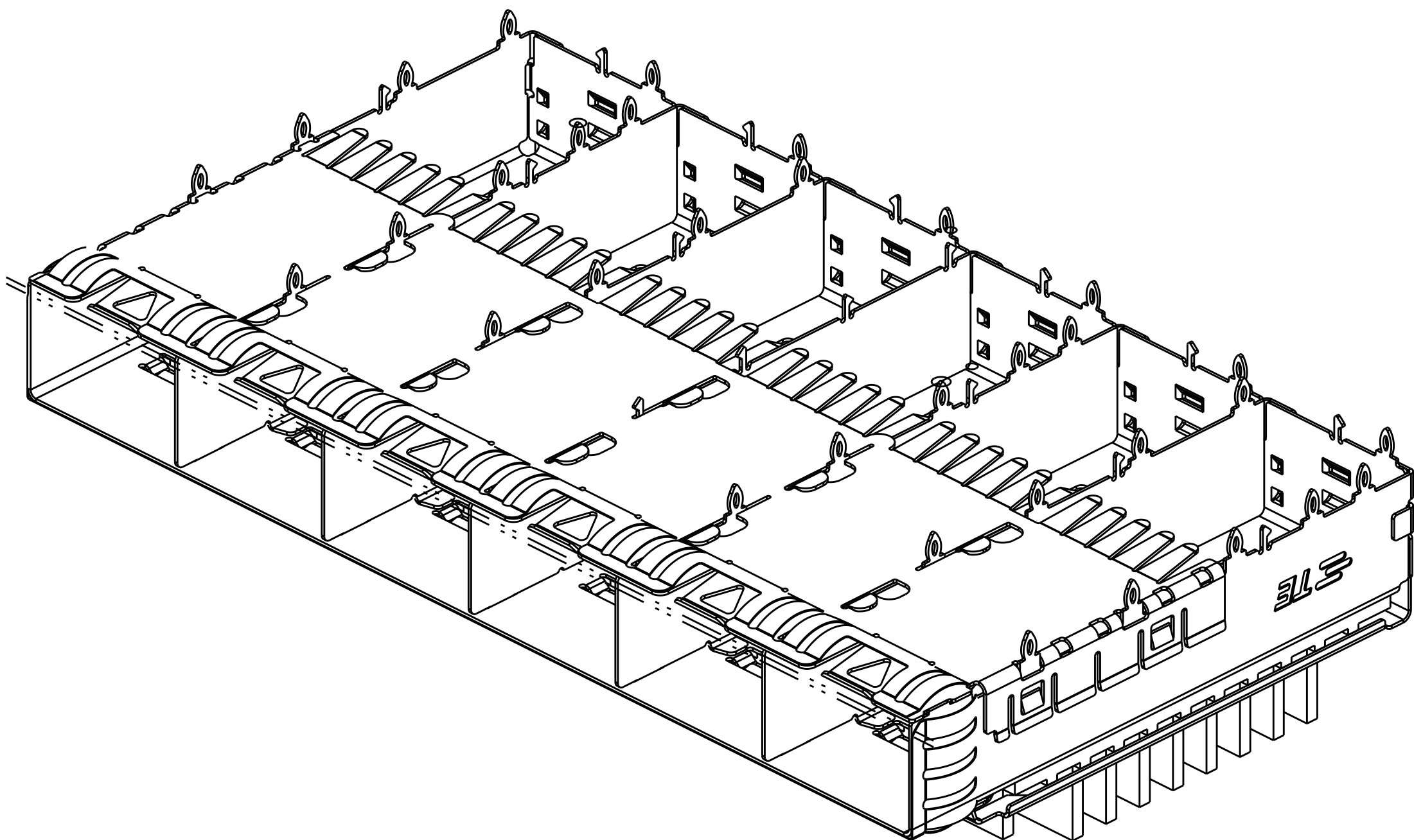
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	-	-	SEE SHEET 1	-	-	-



2198235-5 AS SHOWN WITH INSULATING TAPE
WITH PIN TYPE HEAT SINK



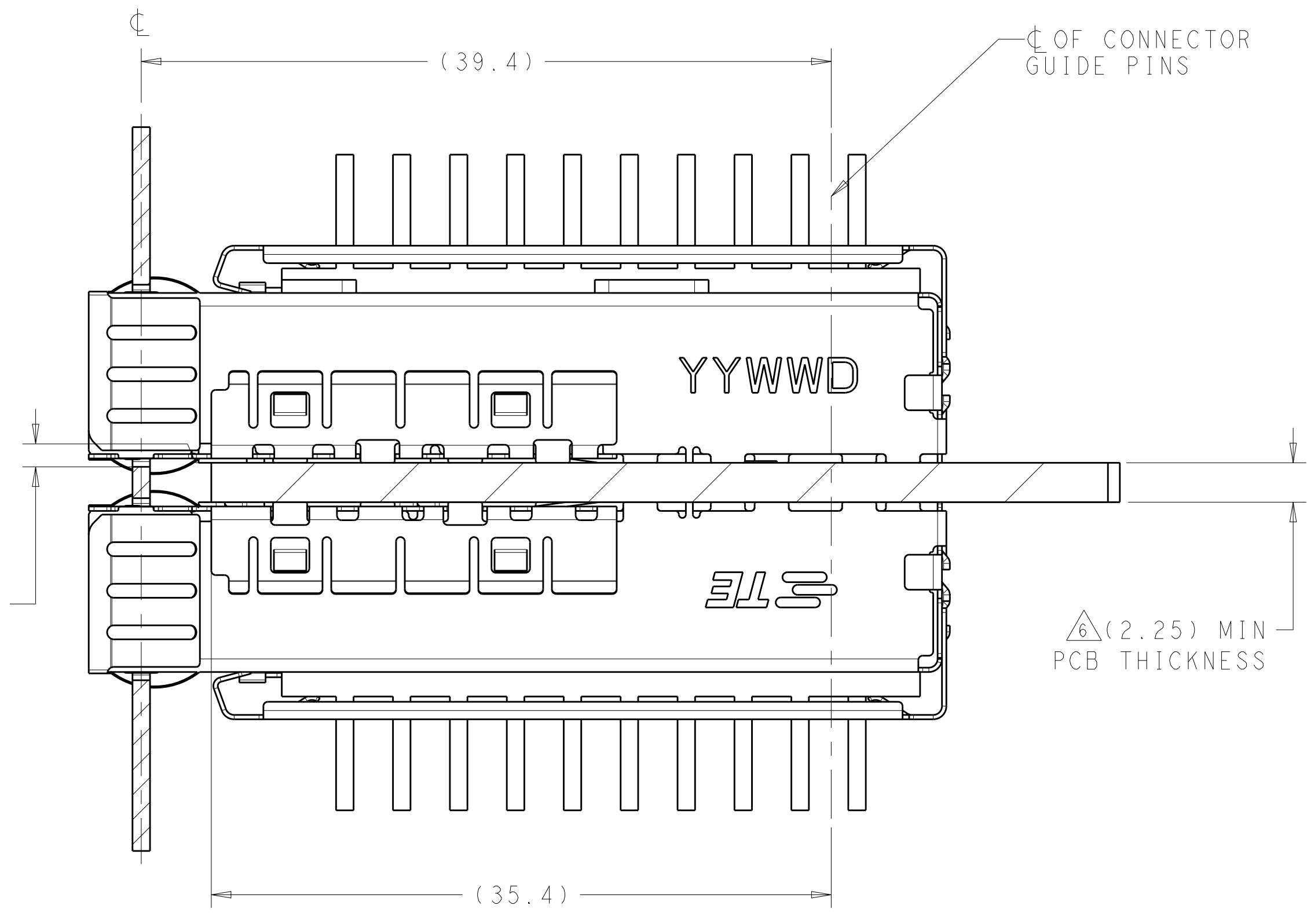
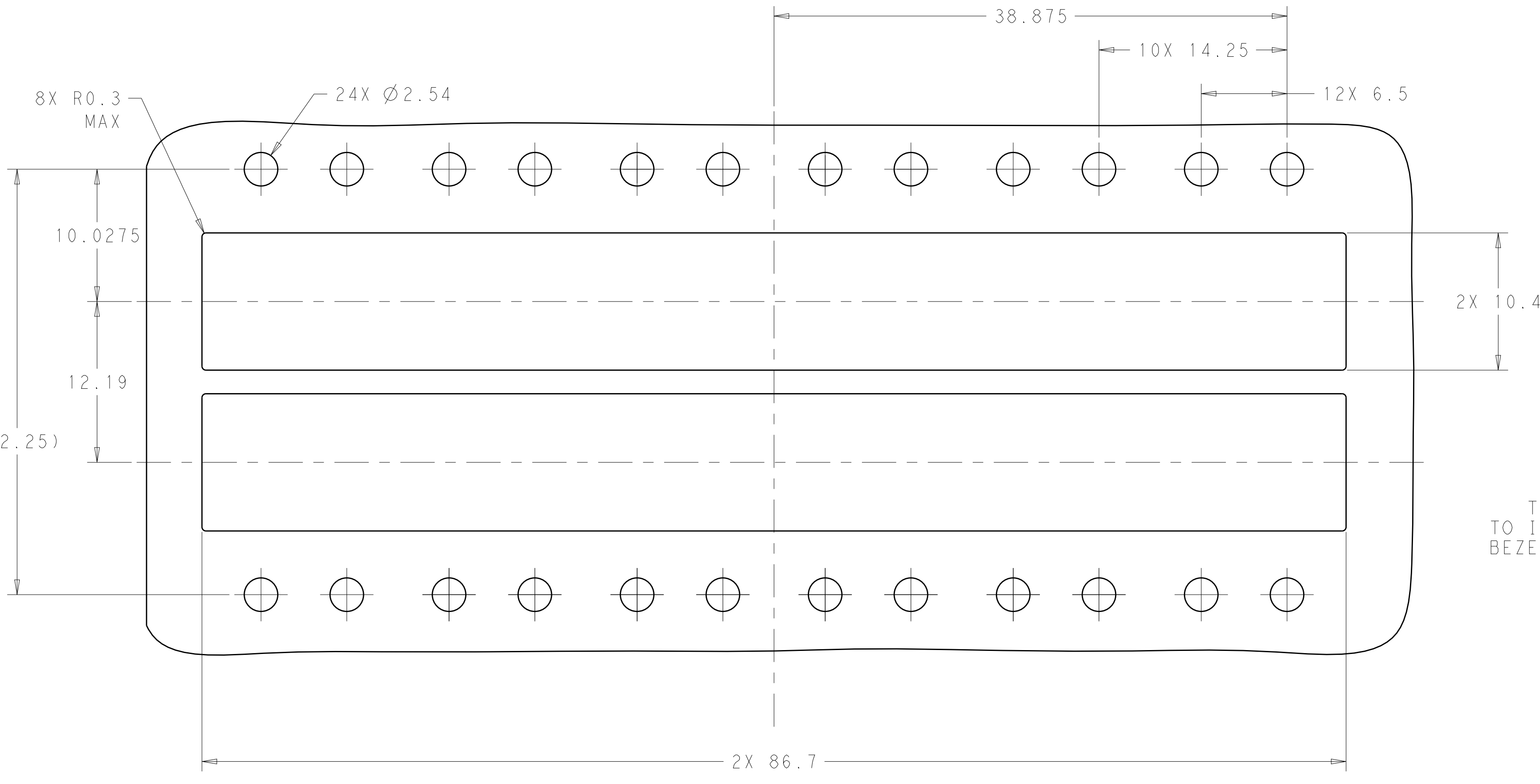
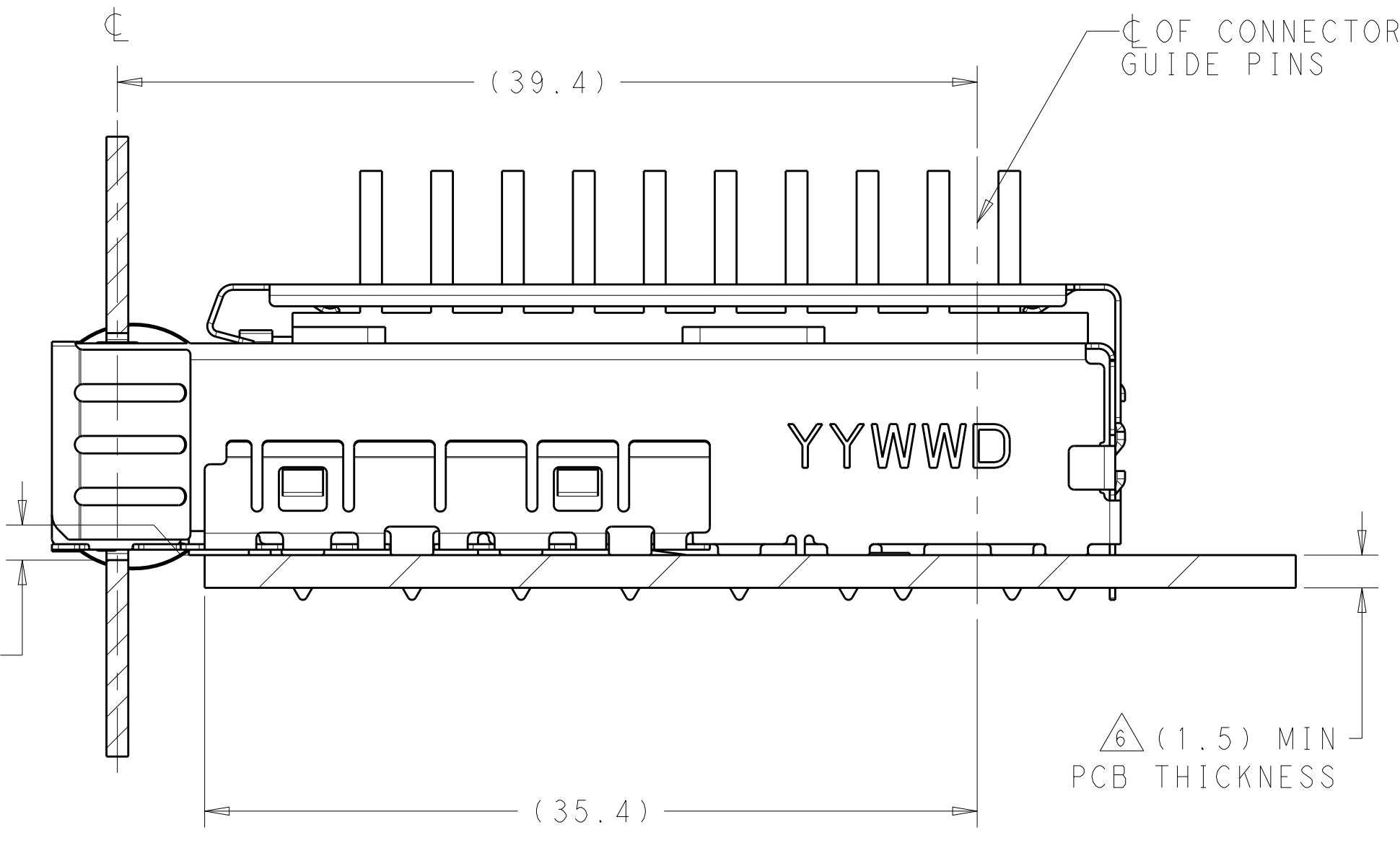
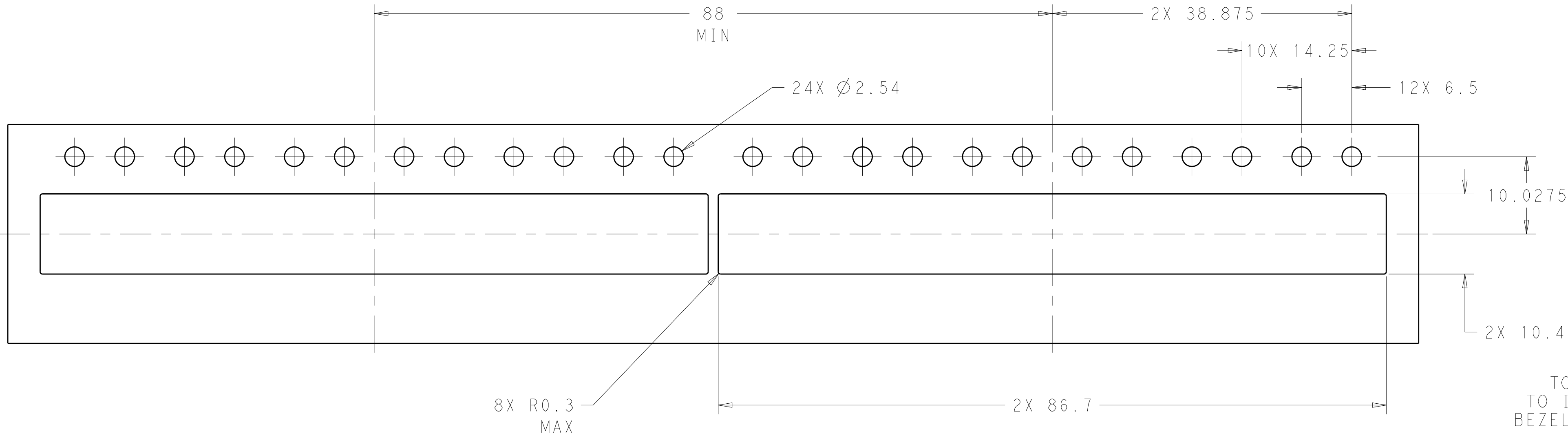
2198235-1,2,3,4 WITHOUT INSULATING TAPE
WITH PIN TYPE HEAT SINK



2198235-6,7,8,9 AS SHOWN WITHOUT INSULATING TAPE WITH FIN TYPE HEAT SINK

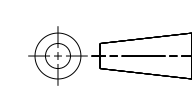
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 15NOV2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. SCHMITT 15NOV2011	NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC	±0.1	PRODUCT SPEC	SIZE
	1 PLC	±0.1	108-2364	CAGE CODE
	2 PLC	±0.1	APPLICATION SPEC	DRAWING NO
	3 PLC	±0.1	114-13120	RESTRICTED TO
MATERIAL		WEIGHT	A100779	REV
		Customer Drawing	SCALE 4:1	SHEET 2 OF 7

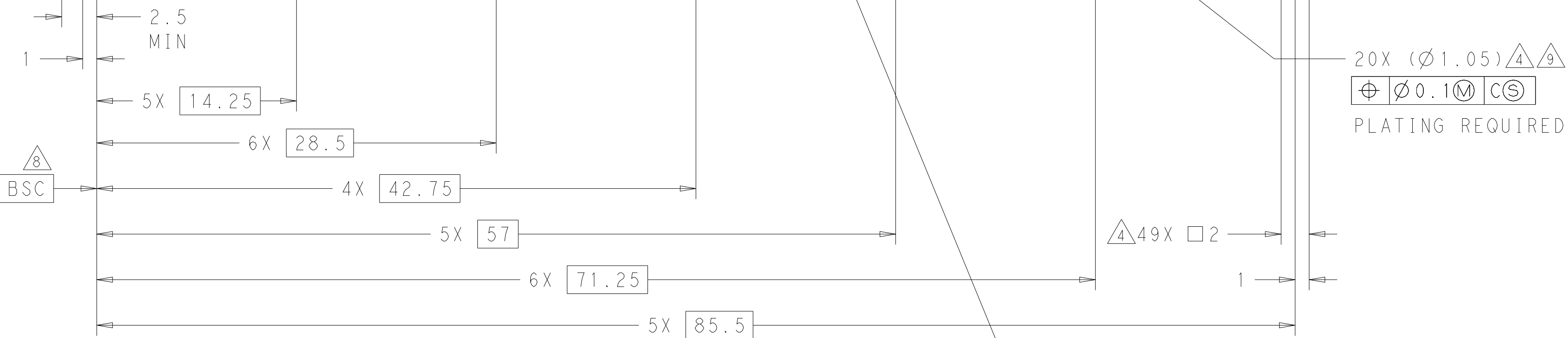
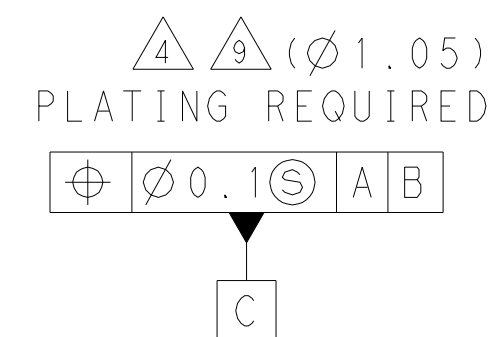
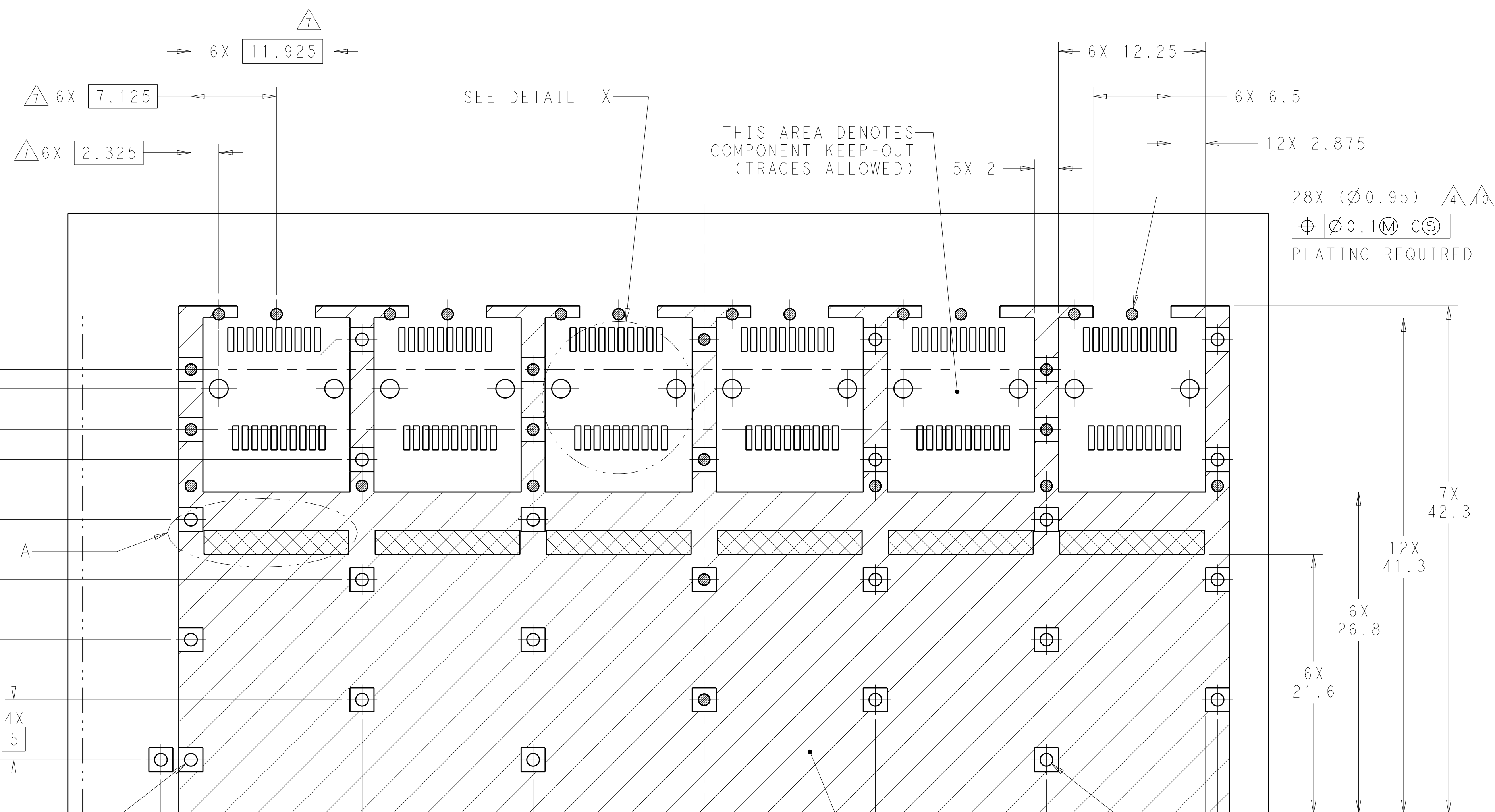
LOC		DIST		REVISONS			
GP		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

2198235
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	 TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 15NOV2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. SCHMITT 15NOV2011	NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1° FINISH	PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120	SIZE A100779	
MATERIAL		WEIGHT -	DRAWING NO. C=2198235	
Customer Drawing		SCALE 4:1		RESTRICTED TO -
		SHEET 3 OF 7		REV B2



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 4:1 

—CROSS-HATCHED AREA
DENOTES COMPONENT
AND TRACE KEEP-OUT
(EXCEPT CHASSIS
GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS	15NOV2011		
		CHK M. SCHMITT	15NOV2011		
DIMENSIONS:		M. SCHMITT	15NOV2011	NAME	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:			SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 ANGLES ±0.1	PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE	CAGE CODE
MATERIAL	FINISH	WEIGHT		DRAWING NO	
		-		A1	00779
		Customer Drawing		C=2198235	
				SCALE	4 : 1
				SHEET	4 of 7
				REV	B2



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011 CHK M. SCHMITT 15NOV2011		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 ANGLES ±1°		NAME SFP+ ENHANCED IXX6 GAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		ZPVD M. SCHMITT 15NOV2011 PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE A1	
MATERIAL 		FINISH WEIGHT -		DRAWING NO C=2198235	
		Customer Drawing		SCALE 4:1 SHEET 5 OF 7 REV B2	

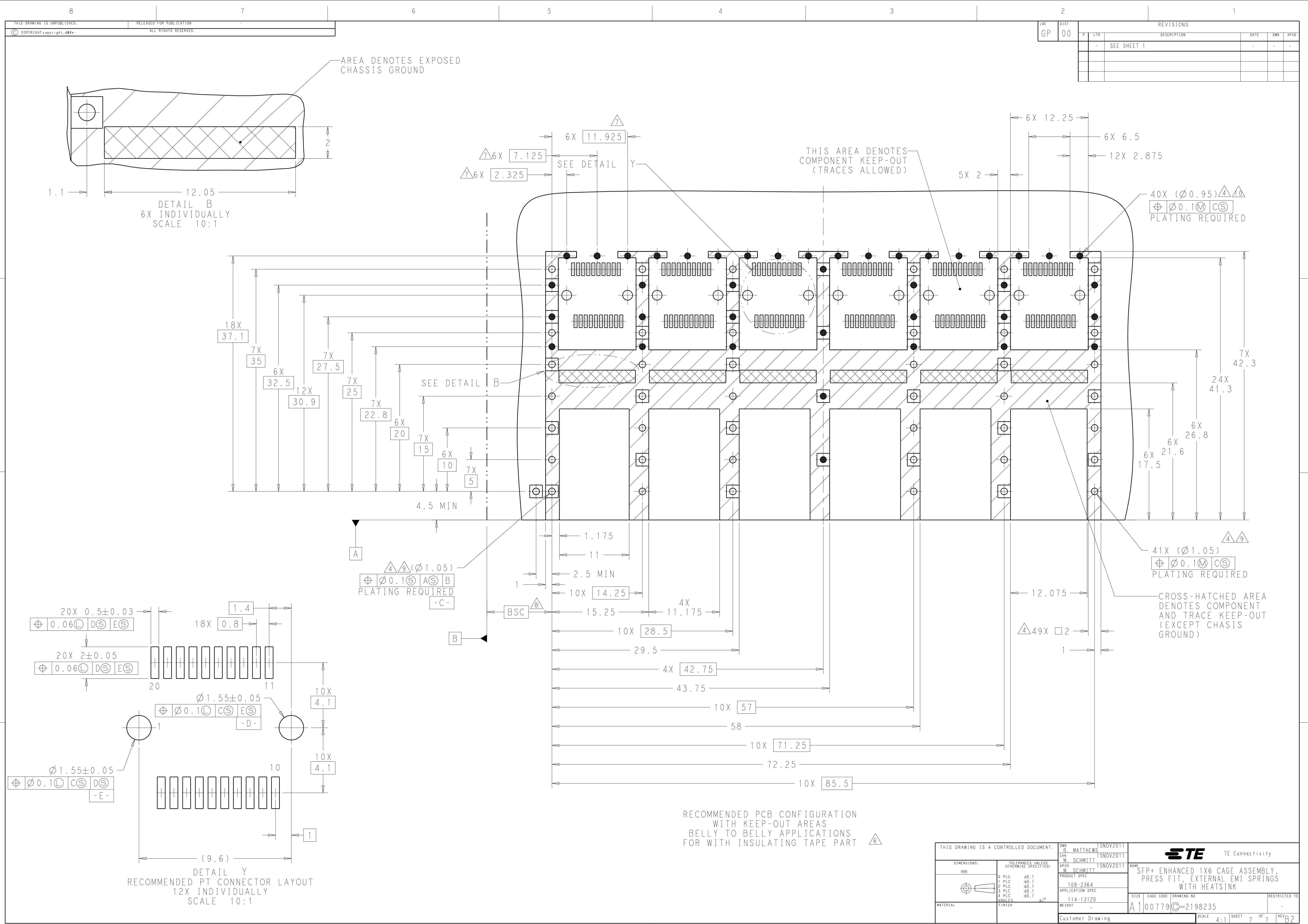


-CROSS-HATCHED AREA
DENOTES COMPONENT
AND TRACE KEEP-OUT
(EXCEPT CHASSIS
GROUND)



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
FOR WITH INSULATING TAPE PART 6

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011 CHK M. SCHMITT 15NOV2011 APVD M. SCHMITT 15NOV2011		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.1 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.1 4 PLC ± 0.1 ANGLES ± 0.1		NAME SFP + ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE A1	
MATERIAL FINISH		WEIGHT -		DRAWING NO C=2198235	
Customer Drawing		SCALE 4:1		SHEET 6 OF 7 REV B2	



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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- 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).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- 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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