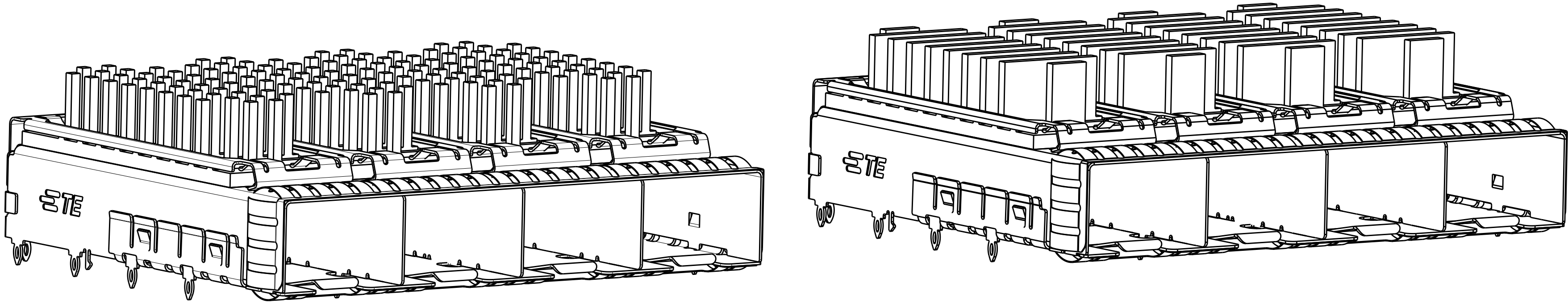


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED PER ECO-12-013192	06NOV2012	BMM	MRS
			A1	RELEASED PER ECO-13-014600	11SEP2013	PP	SH
			A3	RELEASED PER ECO-15-006578	20APR2015	PP	SH

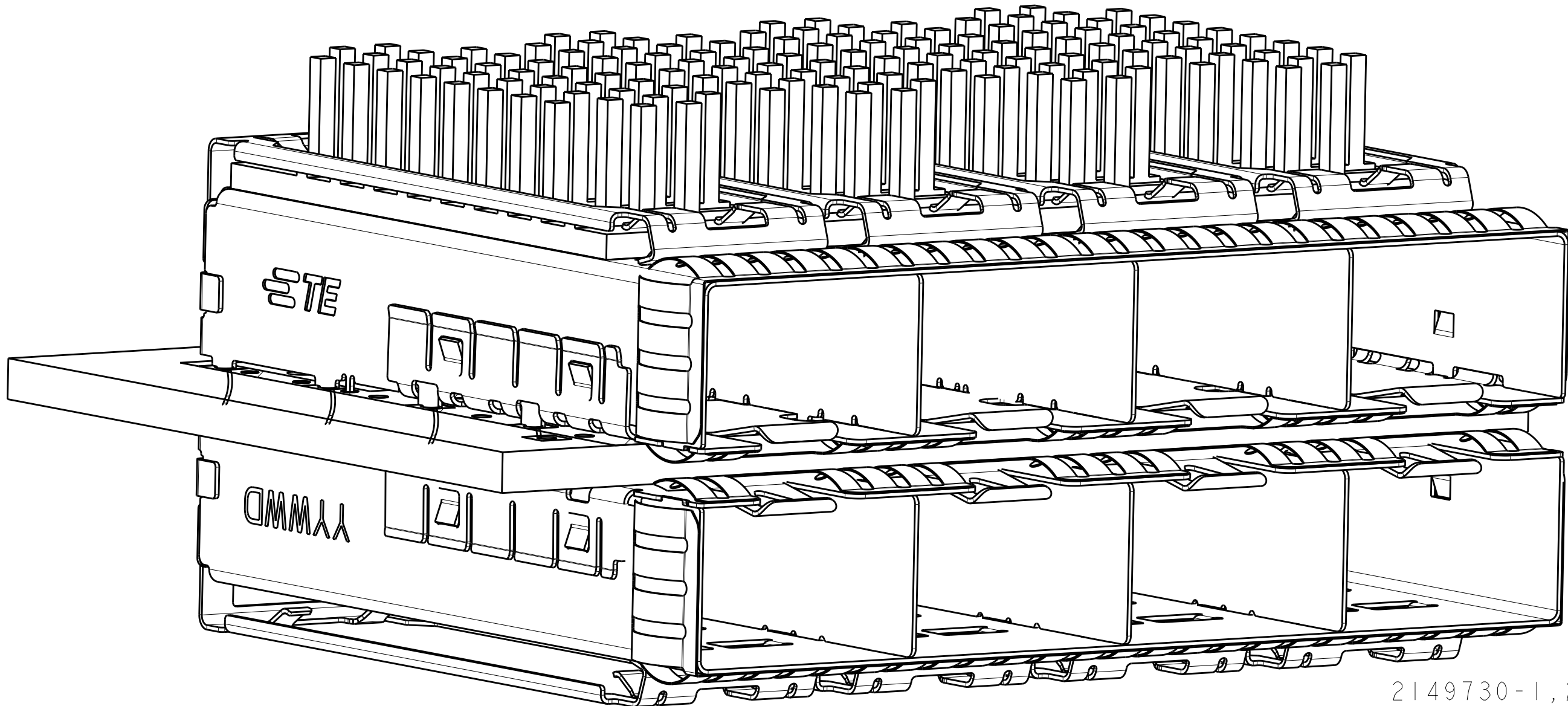
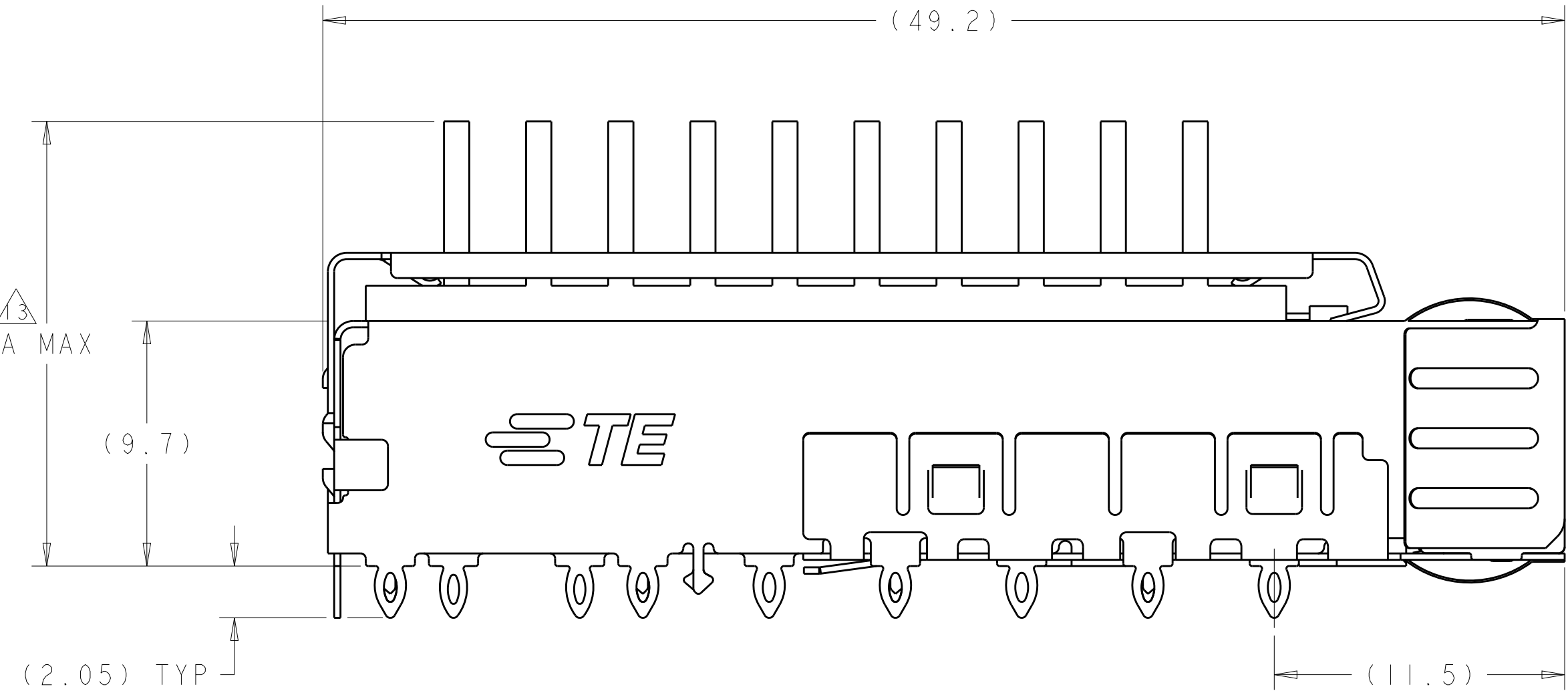
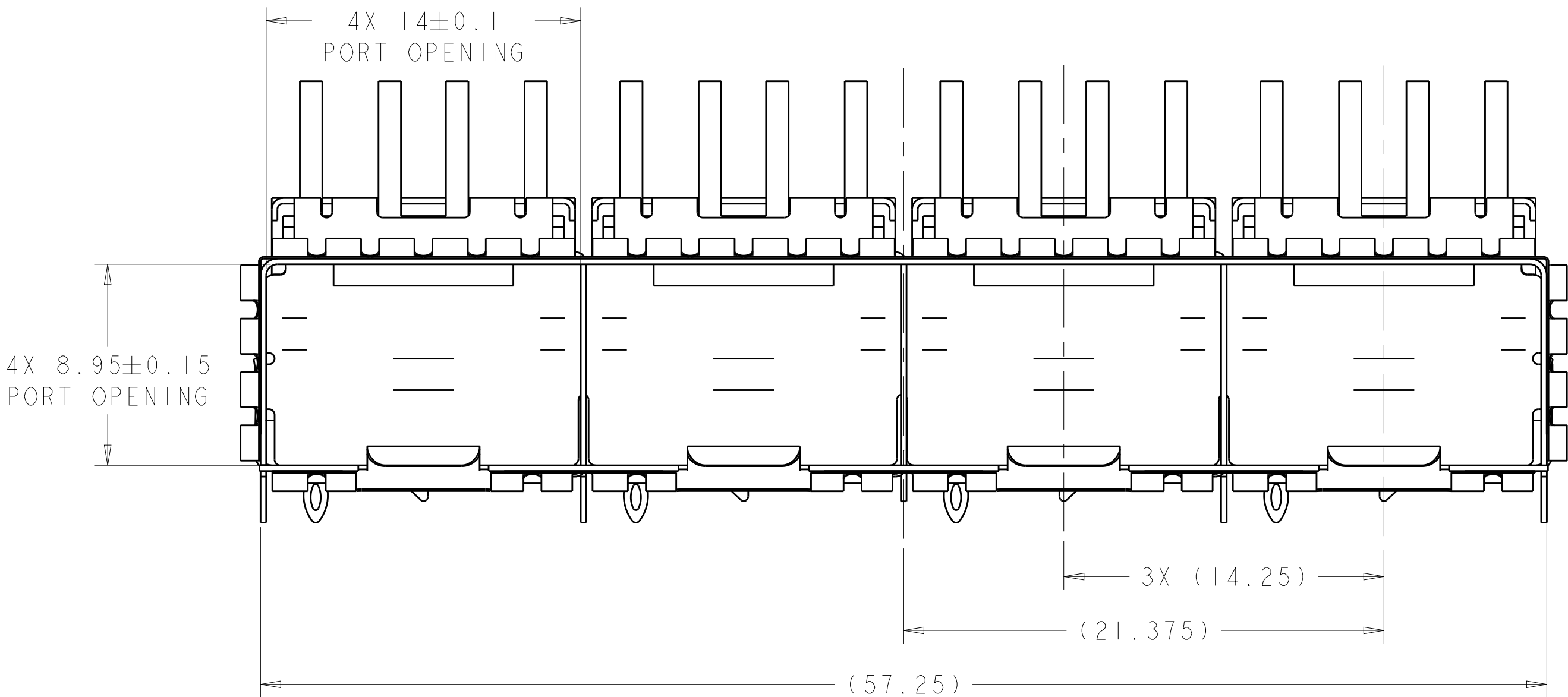


2149730-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK

2149730-6,7,8,9,10
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK

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: 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 = 1.50mm
DOUBLE SIDED = 2.25mm
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.

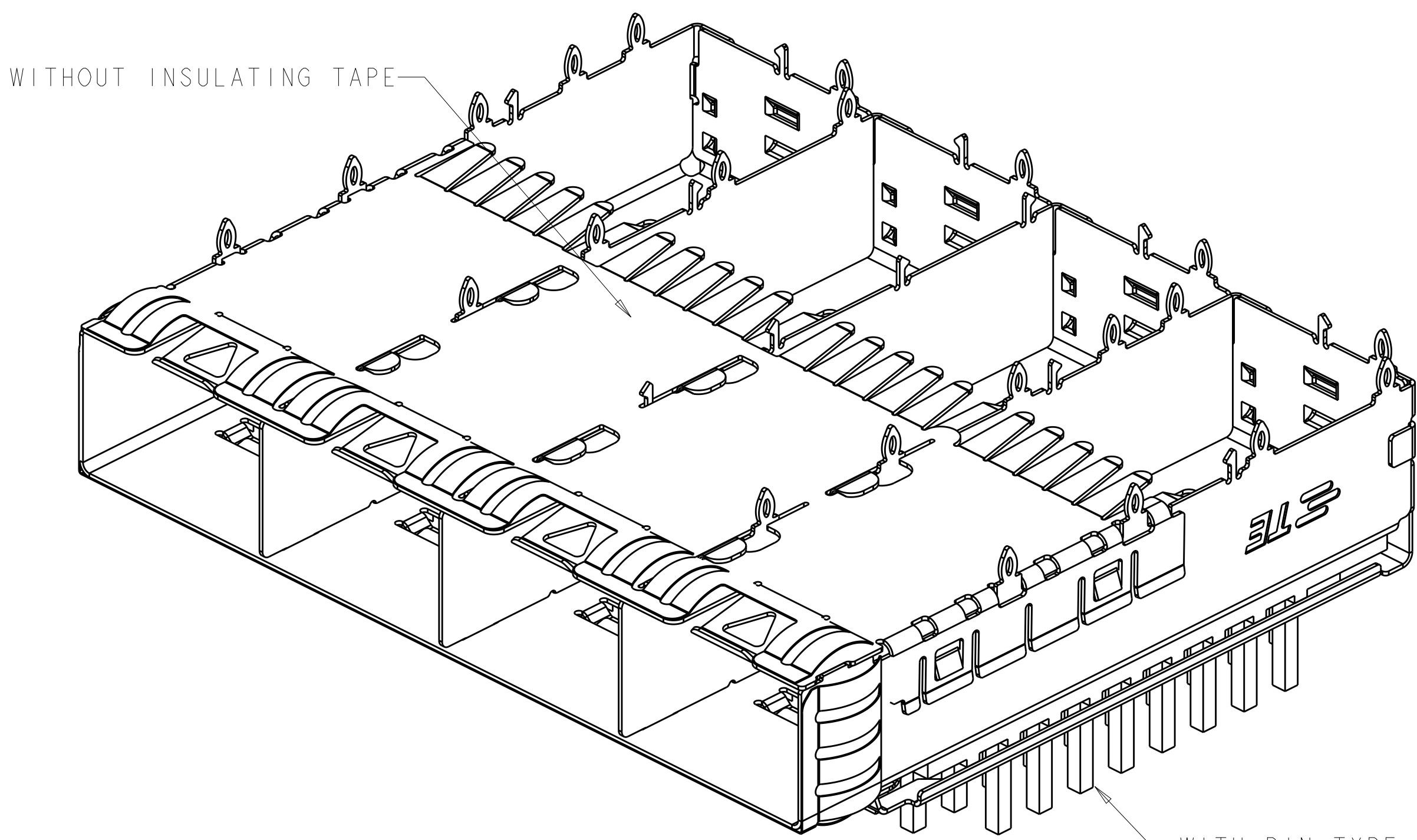
13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



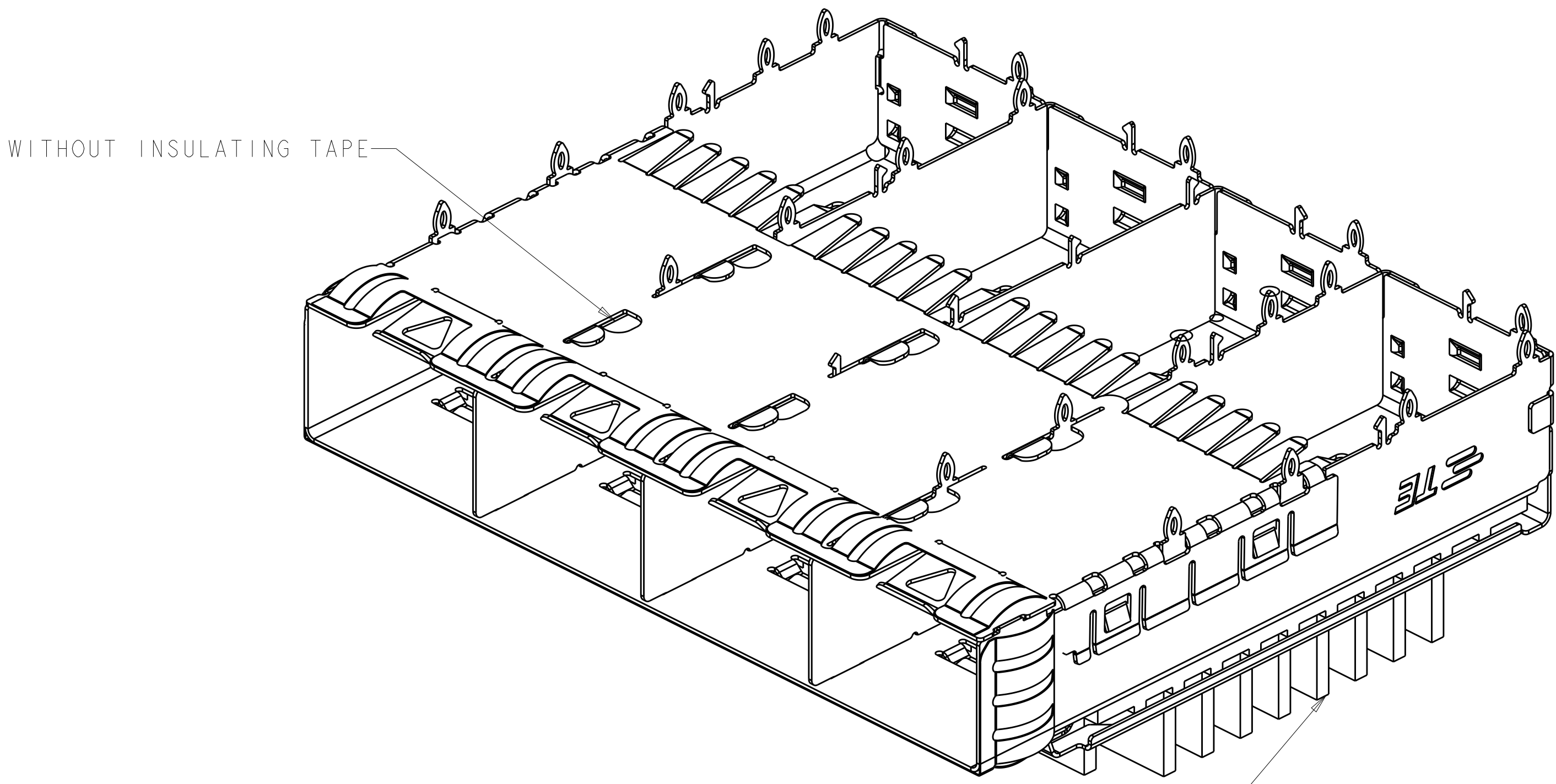
2149730-1,2,3,4,5
MOUNTED BELLY TO BELLY ON PCB
SCALE 4:1

FIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2149730-10
FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2149730-9
FIN TYPE	W/O INSULATING TAPE	15.5	SAN	2149730-8
FIN TYPE	W/O INSULATING TAPE	13.2	PCI	2149730-7
FIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2149730-6
PIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2149730-5
PIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2149730-4
PIN TYPE	W/O INSULATING TAPE	15.5	SAN	2149730-3
PIN TYPE	W/O INSULATING TAPE	13.2	PCI	2149730-2
PIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2149730-1
HEAT SINK TYPE	DESCRIPTION	A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SCHMITT 23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 23AUG2010		
mm		APVD B. WERTZ 23AUG2010	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364	SIZE A1	
		APPLICATION SPEC 114-13120	CAGE CODE 00779	
MATERIAL		WEIGHT	DRAWING NO 2149730	
		FINISH	Customer Drawing	
		Customer Drawing	SCALE 5:1	
			SHEET 1 OF 7	
			REV A3	

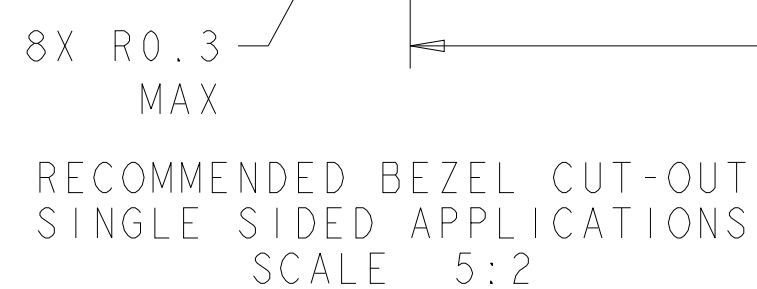


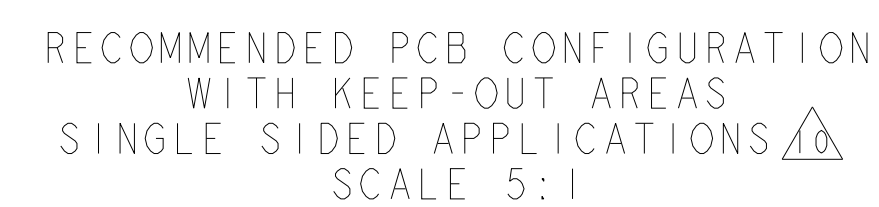
2149730-1,2,3,4 AS SHOWN WITHOUT INSULATING TAPE,WITH PIN TYPE HEAT SINK



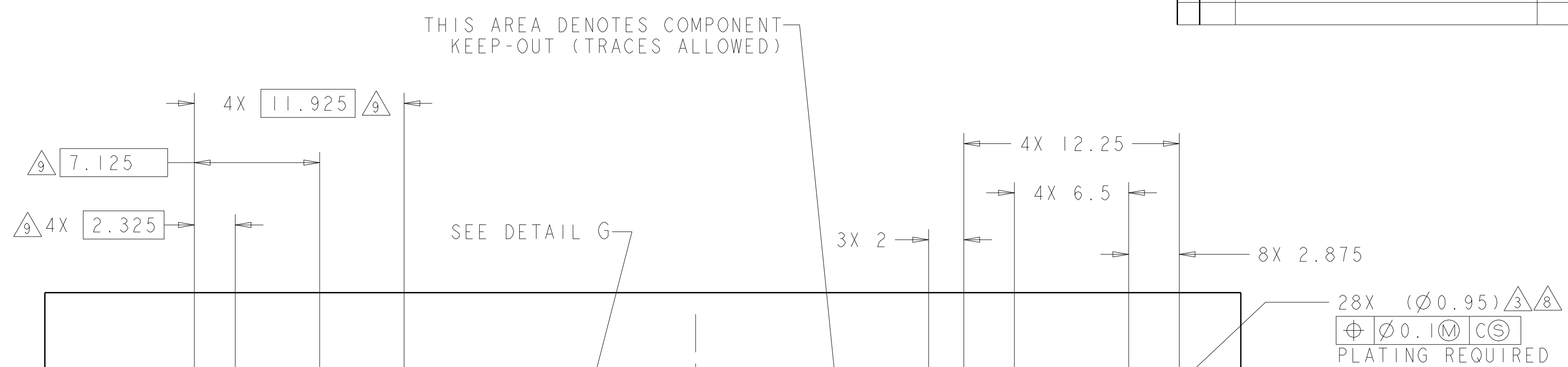
2149730-6,7,8,9 AS SHOWN WITHOUT INSULATING TAPE,WITH FIN TYPE HEAT SINK

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SCHMITT 23AUG2010		 TE Connectivity	
DIMENSIONS:		CHG M. SCHMITT 23AUG2010			
mm		APVD R. WERTZ 23AUG2010		NAME	
		PRODUCT SPEC 108-2364		SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		APPLICATION SPEC 114-13120		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL		FINISH		A100779G-2149730	
		WEIGHT		-	
Customer Drawing				SCALE	5:1
				SHEET	2 OF 7
				REV.	A3

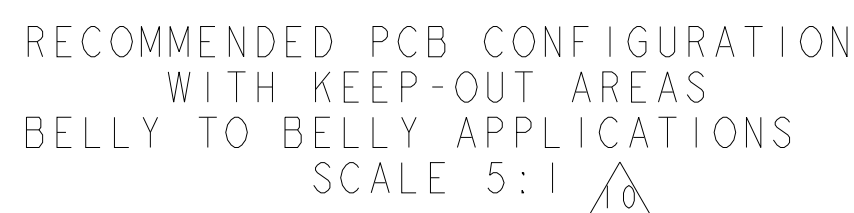
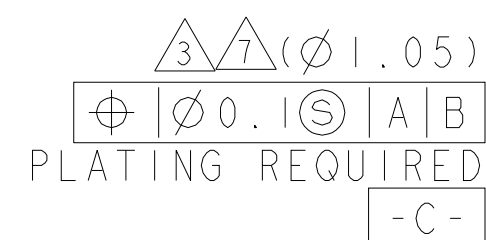
4805 (3/11)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG M SCHMITT 23AUG2010 CHK M SCHMITT 23AUG2010 APPR B WERTZ 23AUG2010		 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 $\pm 0.0^\circ$		NAME SFP+ ENHANCED IXX4 GAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE A1	
MATERIAL 		FINISH 		CAGE CODE C2149730	
WEIGHT -		CUSTOMER DRAWING Customer Drawing		RESTRICTED TO -	
				SCALE 5:1 SHEET 4 OF 7 REV A3	

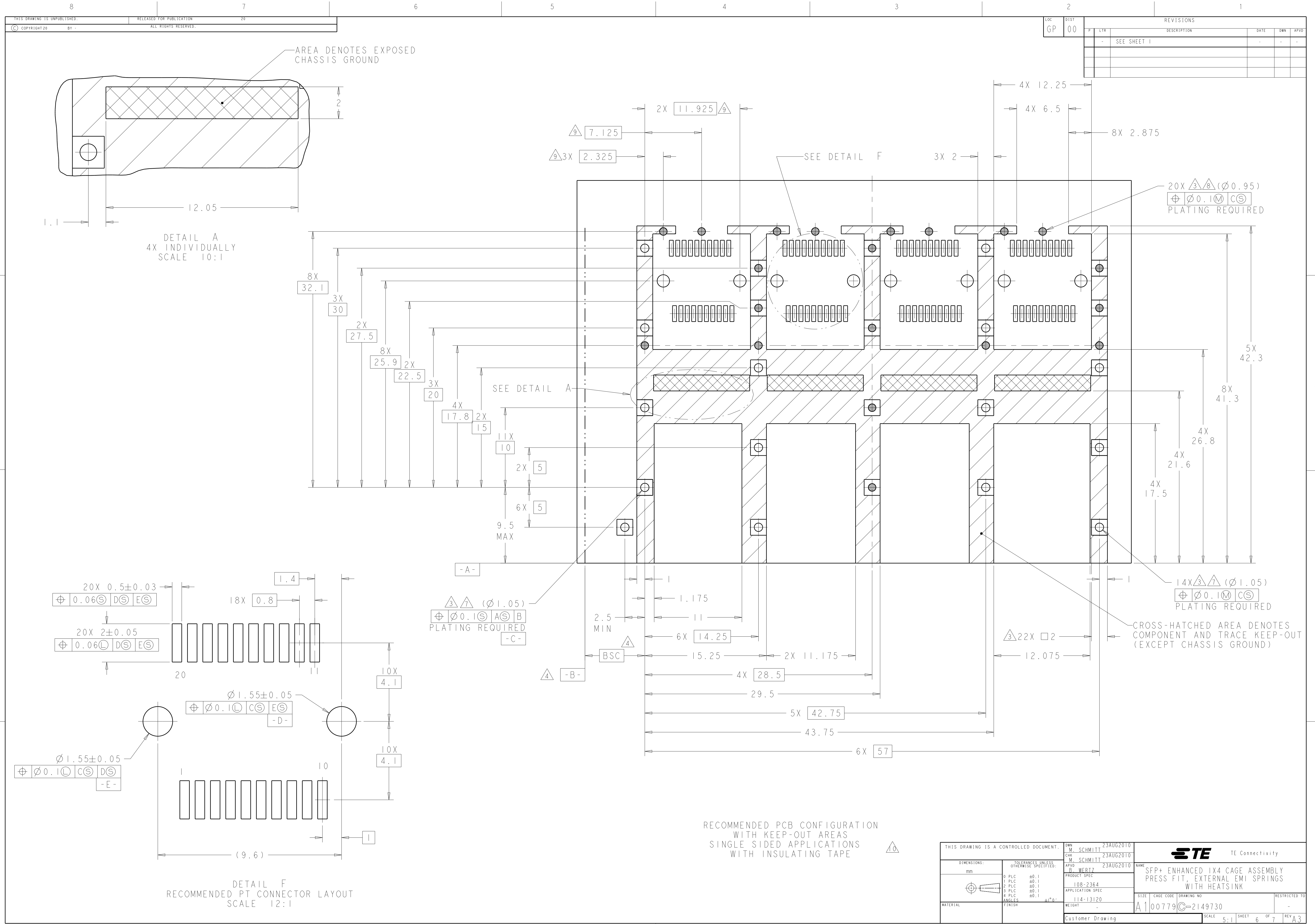


SFF DETAIL G—



DETAIL G
RECOMMENDED PT CONNECTOR LAYOUT
8X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.						OWN M. SCHMITT		23AUG2010			
						CHK M. SCHMITT		23AUG2010		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:				APP'D B. WERTZ		23AUG2010		NAME	
mm						PRODUCT SPEC				SFP+ ENHANCED 1X4 CAGE ASSEMBLY	
		D PLC ±0.1 L PLC ±0.1 R PLC ±0.1				108-2364				PRESS FIT, EXTERNAL EMI SPRINGS	
		ANGLES				APPLICATION SPEC				WITH HEATSINK	
		° ±1.0°				114-13120				SIZE CAGE CODE DRAWING NO	
MATERIAL		FINISH				WEIGHT		-		A100779C=2149730	
						Customer Drawing				SCALE 5:1 SHEET 5 OF 7 REV A	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SCHMITT 23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 23AUG2010		
mm		APVD B. WERTZ 23AUG2010	NAME	
		PRODUCT SPEC	SFP+ ENHANCED 1X4 CAGE ASSEMBLY	
		108-2364	PRESS FIT, EXTERNAL EMI SPRINGS	
		APPLICATION SPEC	WITH HEATSINK	
		114-13120	SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT	A100779C=2149730	
FINISH		Customer Drawing	RESTRICTED TO	
		SCALE 5:1	SHEET 6 OF 7	
		REV A3		



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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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.
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- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
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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.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru