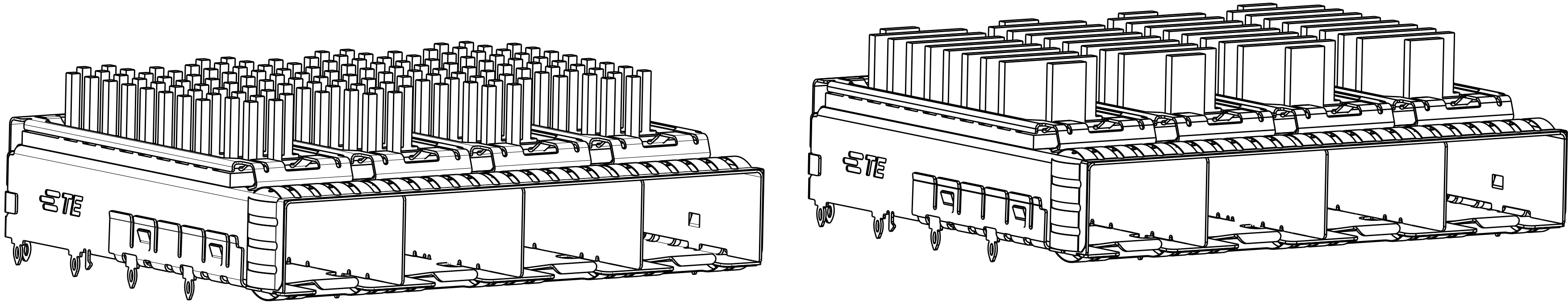


LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
GP	00		A	RELEASED PER ECO-12-013192	06NOV2012	BMM	MRS	
			A1	RELEASED PER ECO-13-014600	11SEP2013	PP	SH	
			A3	RELEASED PER ECO-15-006578	20APR2015	PP	SH	

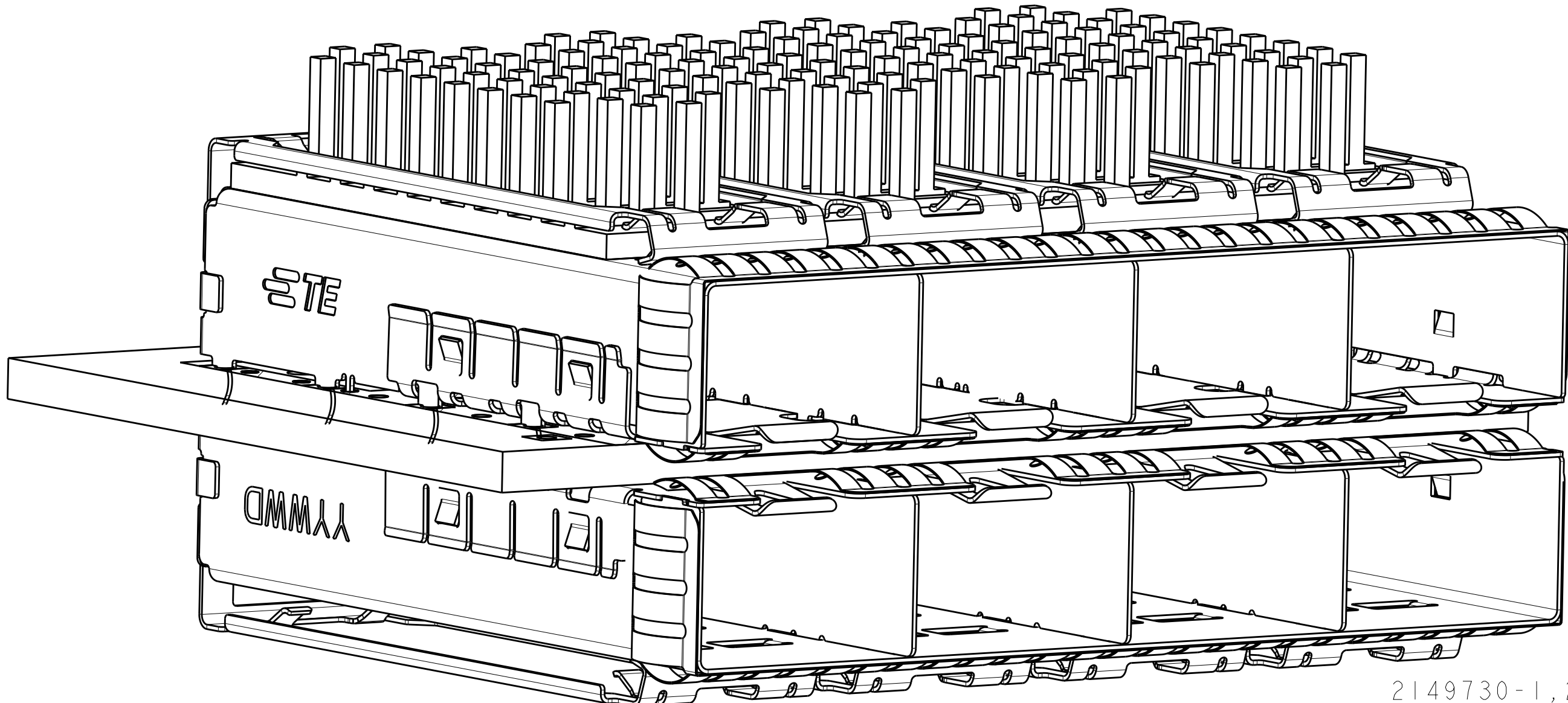
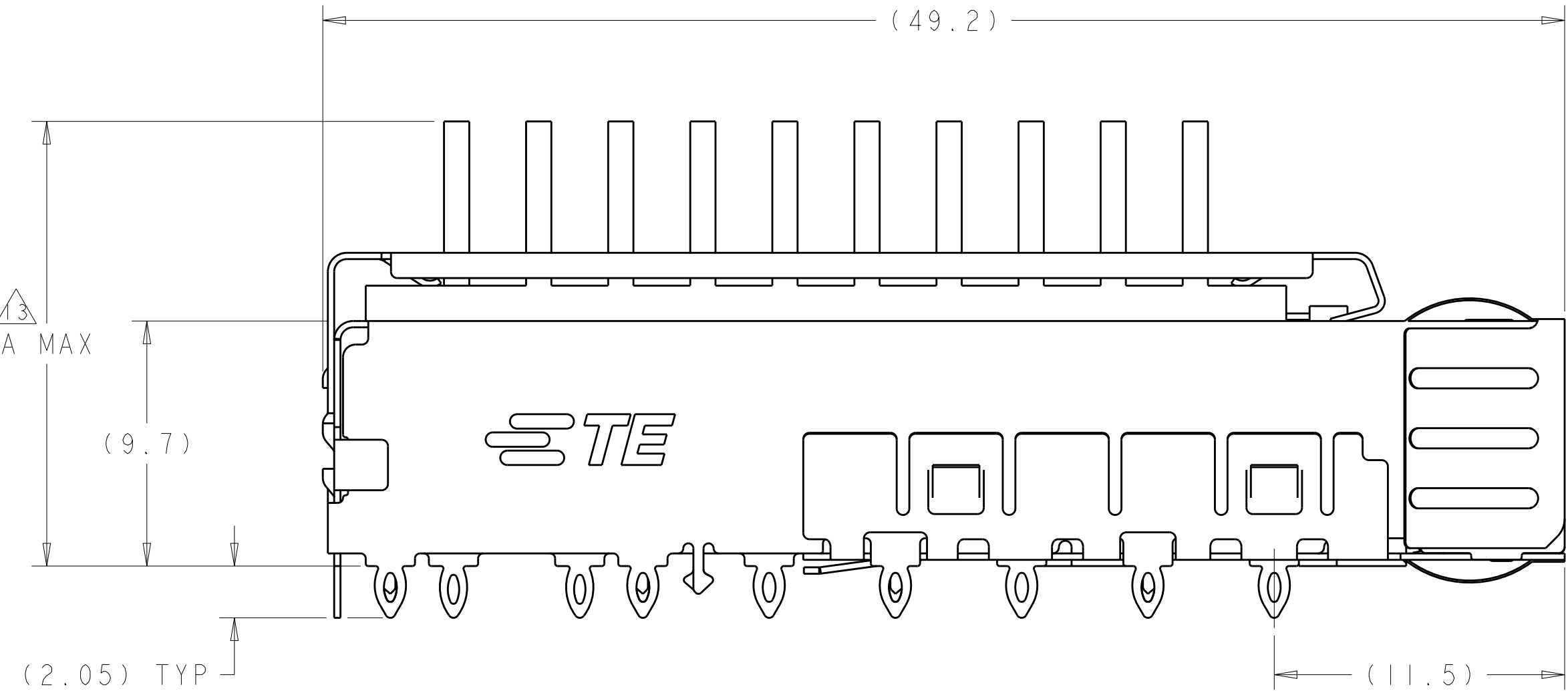
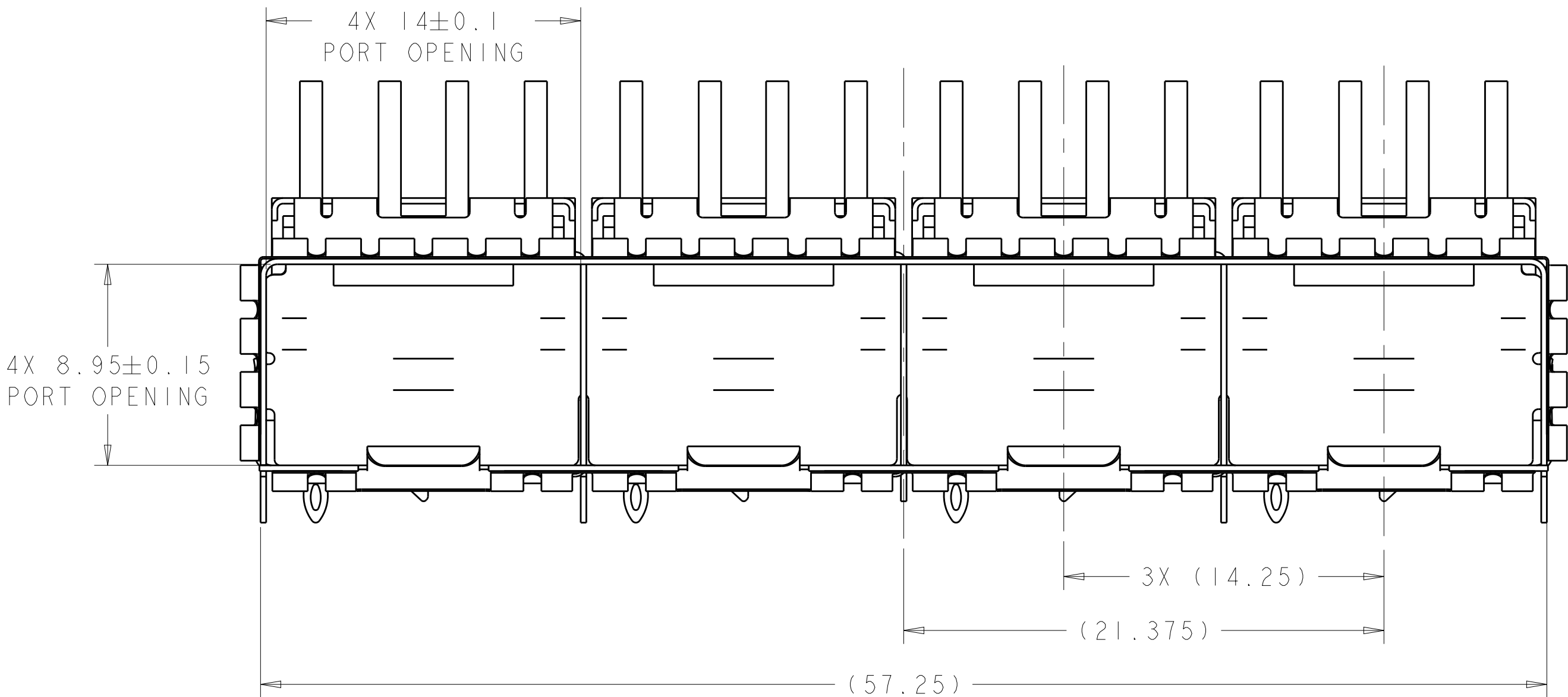


2149730-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK

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

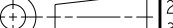
- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
- 2 FINISH:
EMI SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK CLIP: PASSIVATE
- 3 PADS AND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

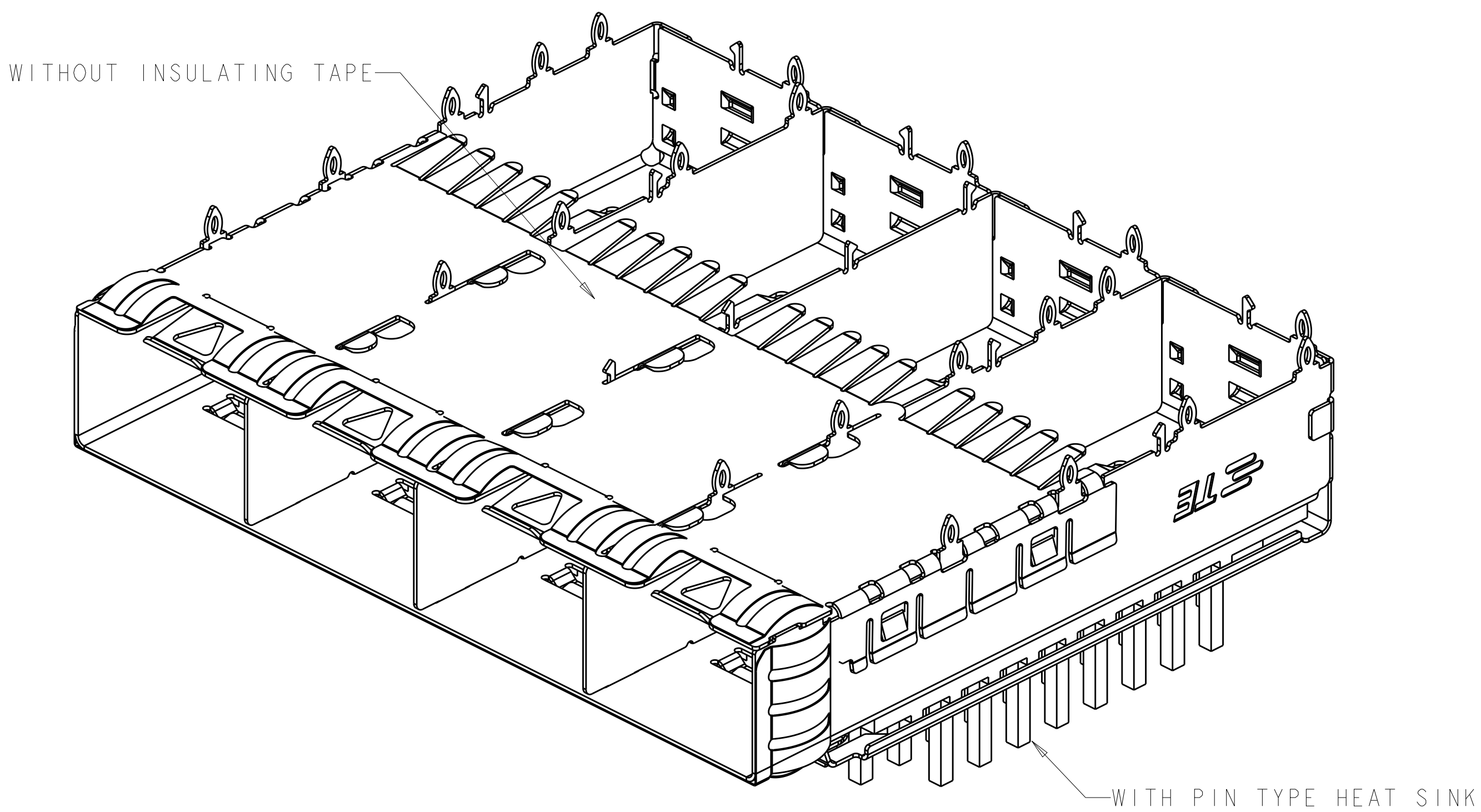
13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE



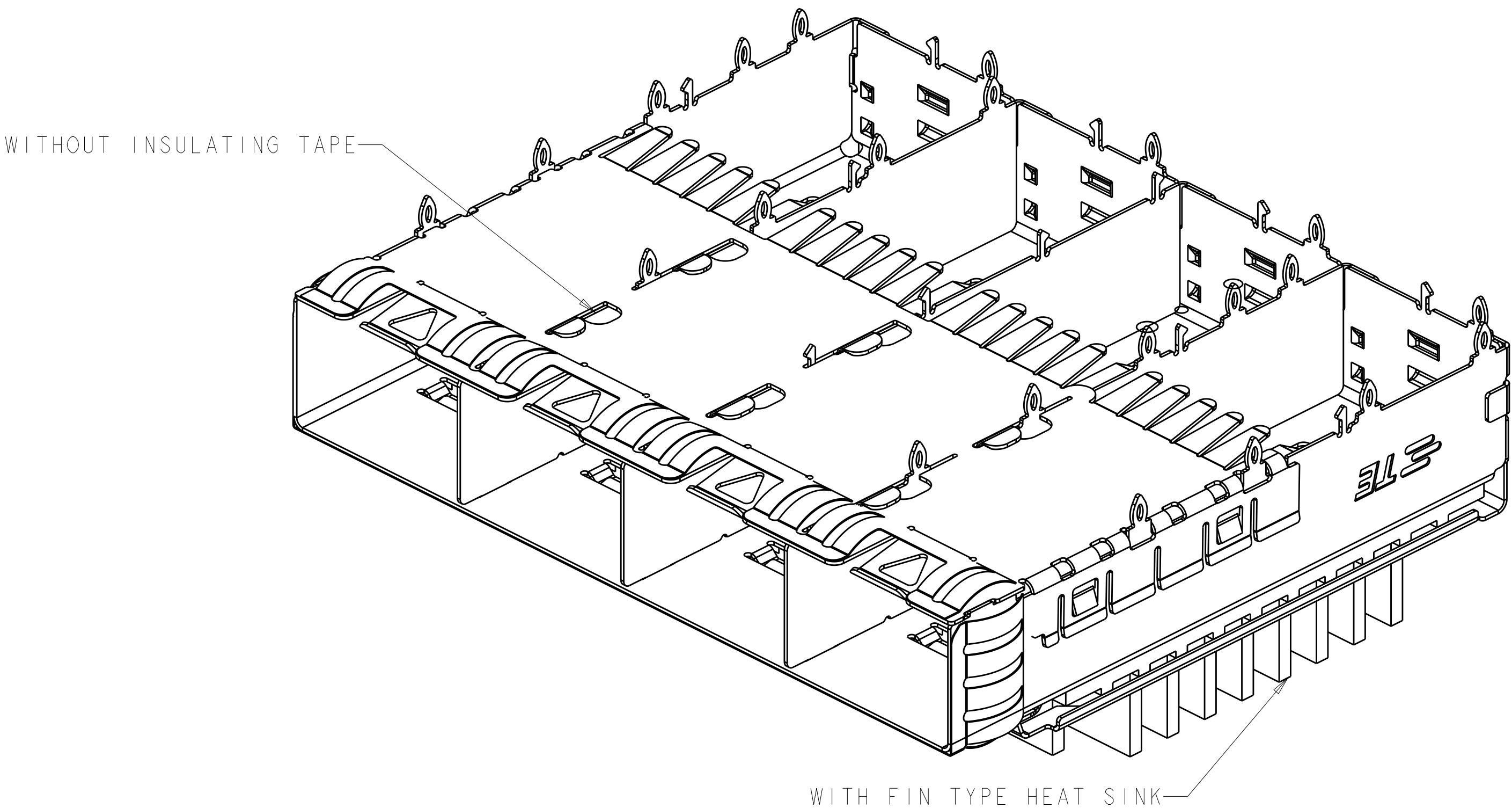
2149730-1,2,3,4,5
MOUNTED BELLY TO BELLY ON PCB
SCALE 4:1

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		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
		0 PLC ±0.1			SIZE CAGE CODE DRAWING NO
		1 PLC ±0.1		RESTRICTED TO	
		2 PLC ±0.1			A100779C=2149730
		3 PLC ±0.1		SCALE 5:1	
		4 PLC ±0.1			SHEET 1 OF 7
MATERIAL		ANGLES ±1°		REV A3	
		FINISH			Customer Drawing
			WEIGHT		



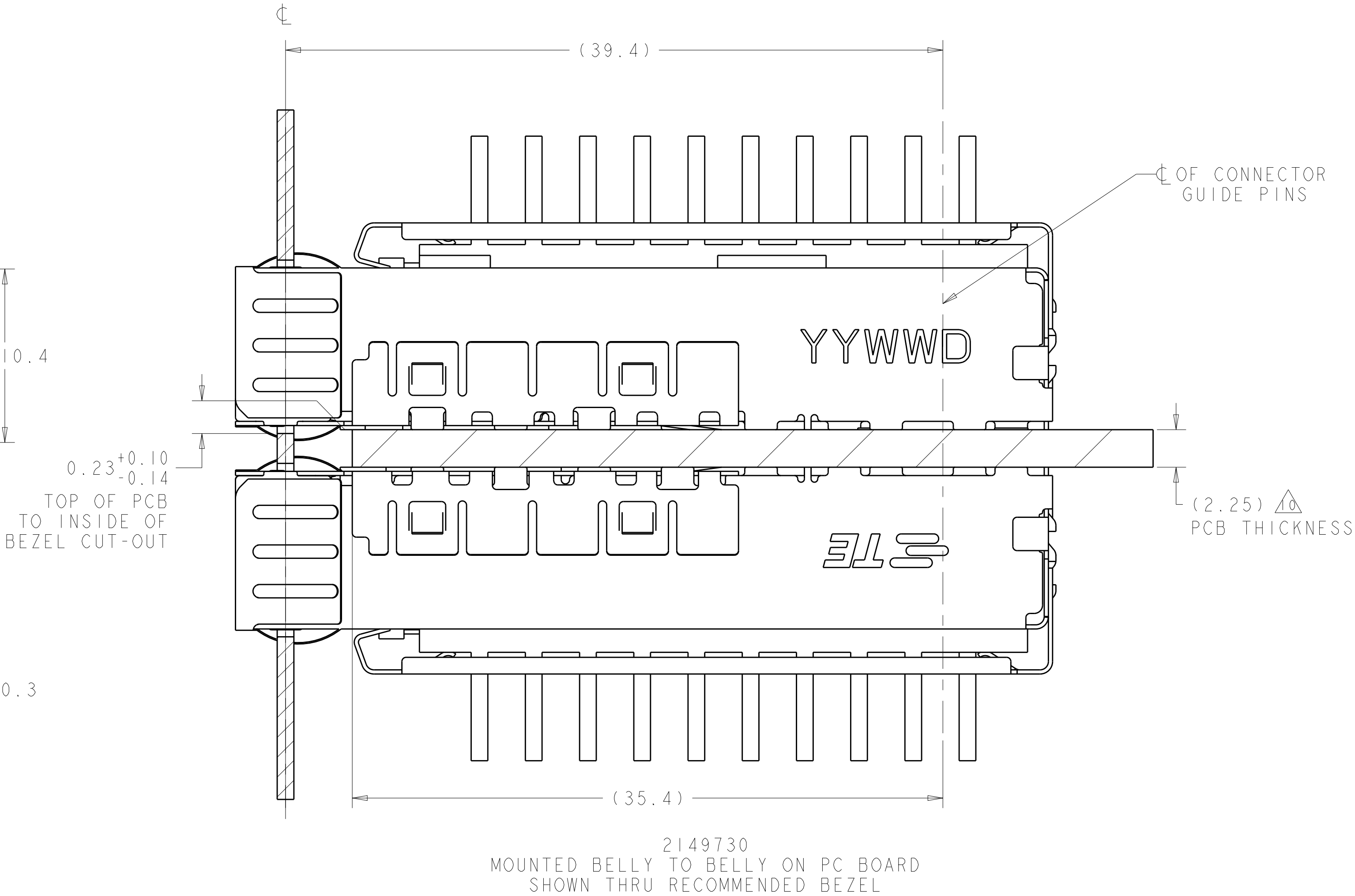
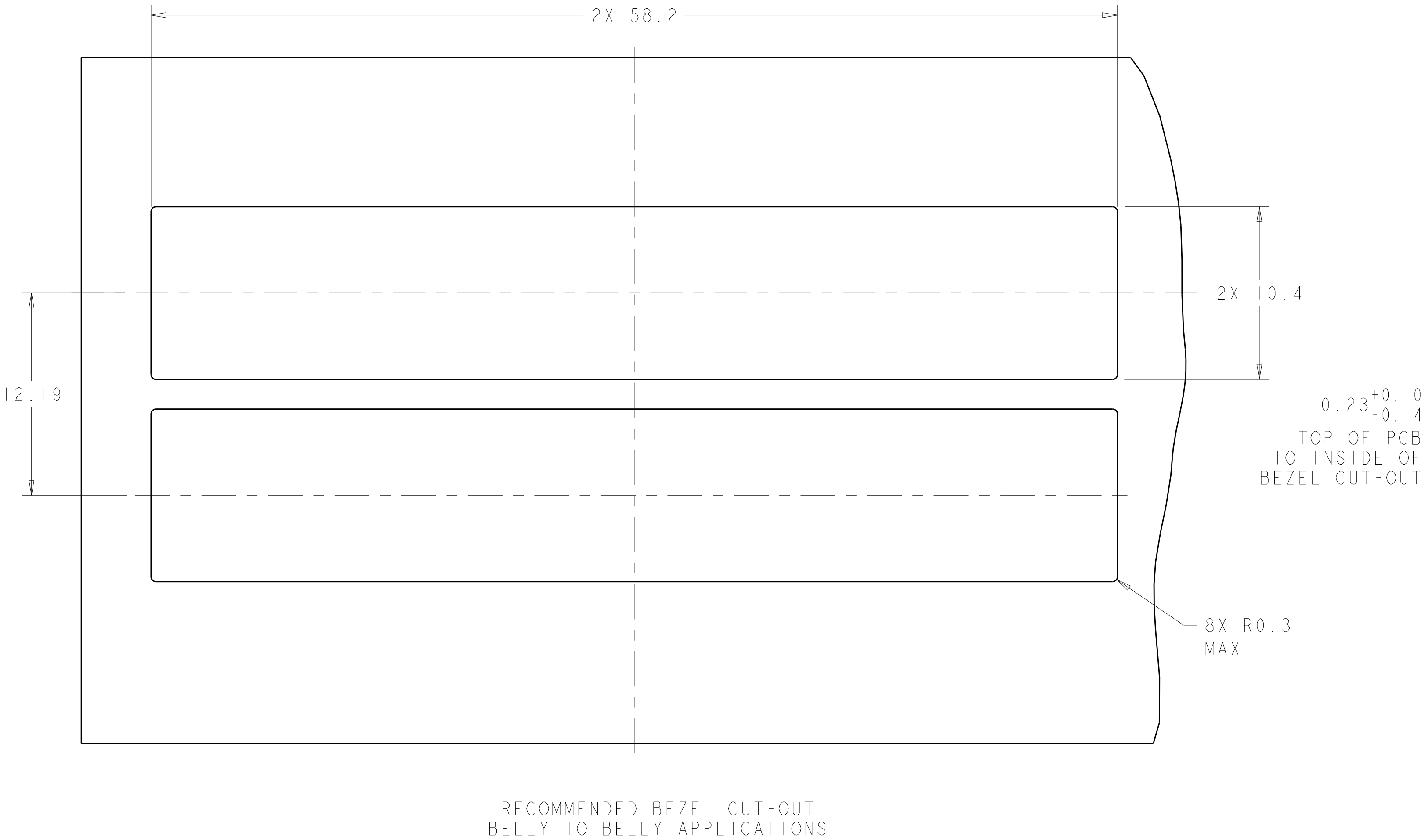
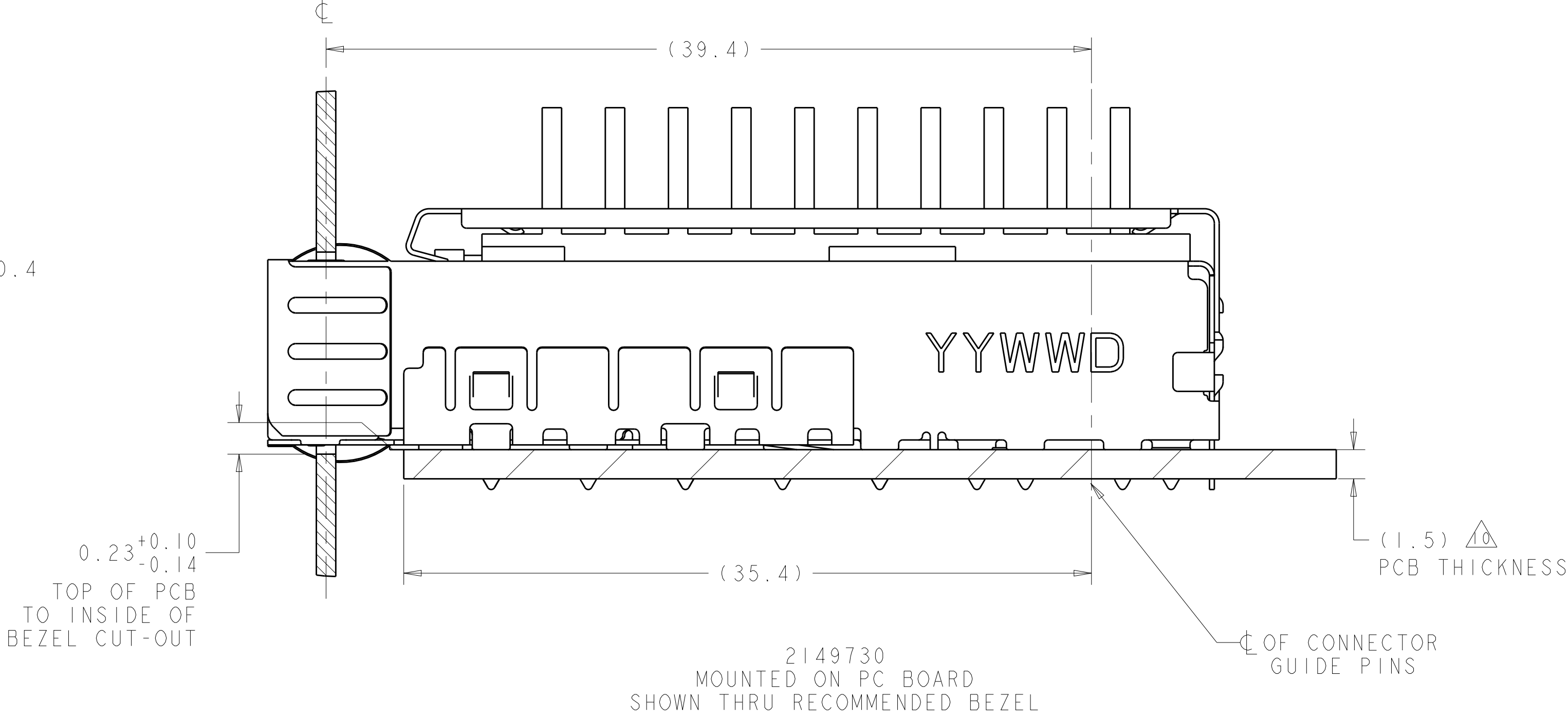
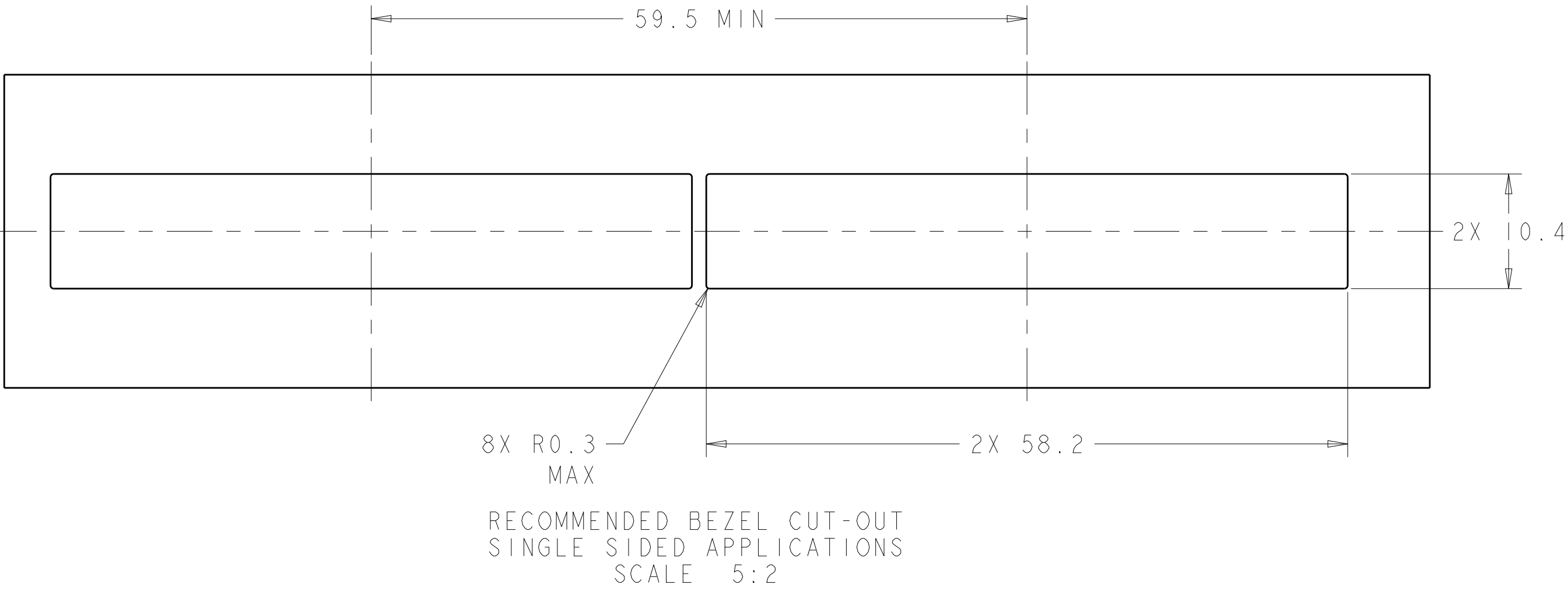
2149730-1,2,3,4 AS SHOWN WITHOUT INSULATING TAPE, WITH PIN TYPE HEAT SINK



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

[illegible]

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



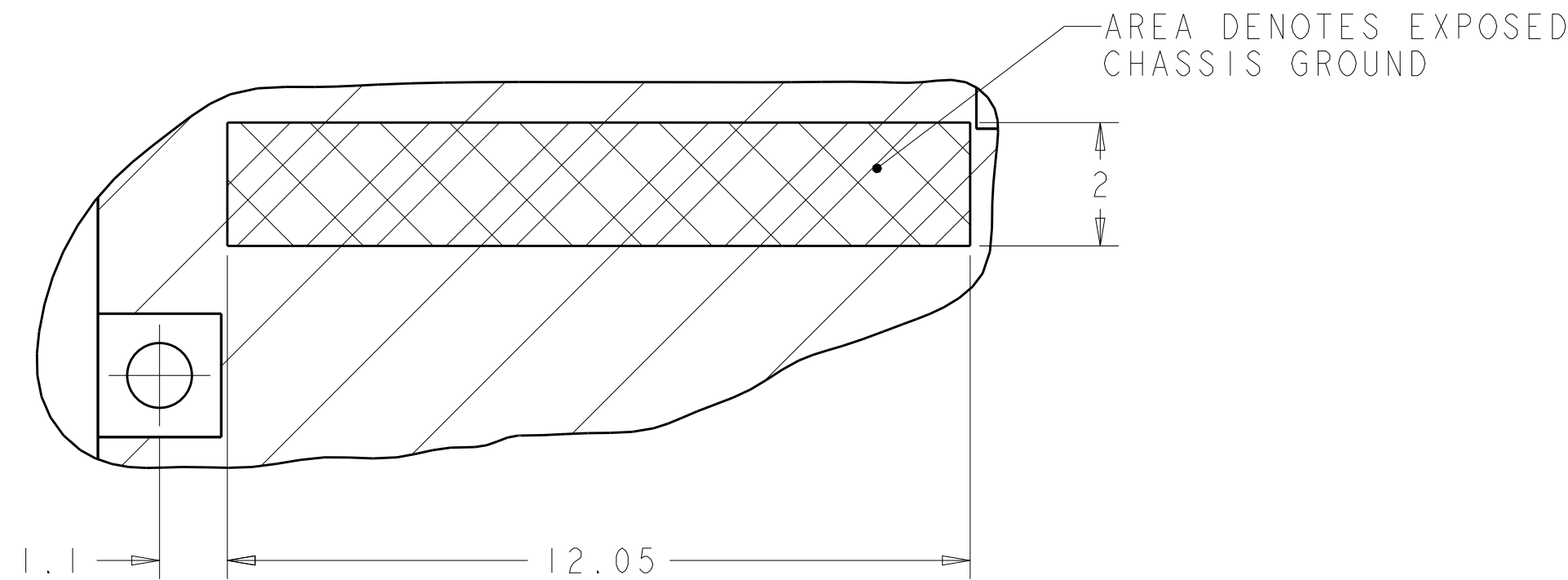
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SCHMITT 23AUG2010	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 23AUG2010		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD B. WERTZ 23AUG2010	NAME	SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1	PRODUCT SPEC 108-2364	SIZE	A100779
MATERIAL	ANGLES ±1° FINISH	APPLICATION SPEC 114-13120	CAGE CODE	2149730
		WEIGHT	DRAWING NO	Customer Drawing
			SCALE	5:1
			SHEET	3 of 7
			REV	A3



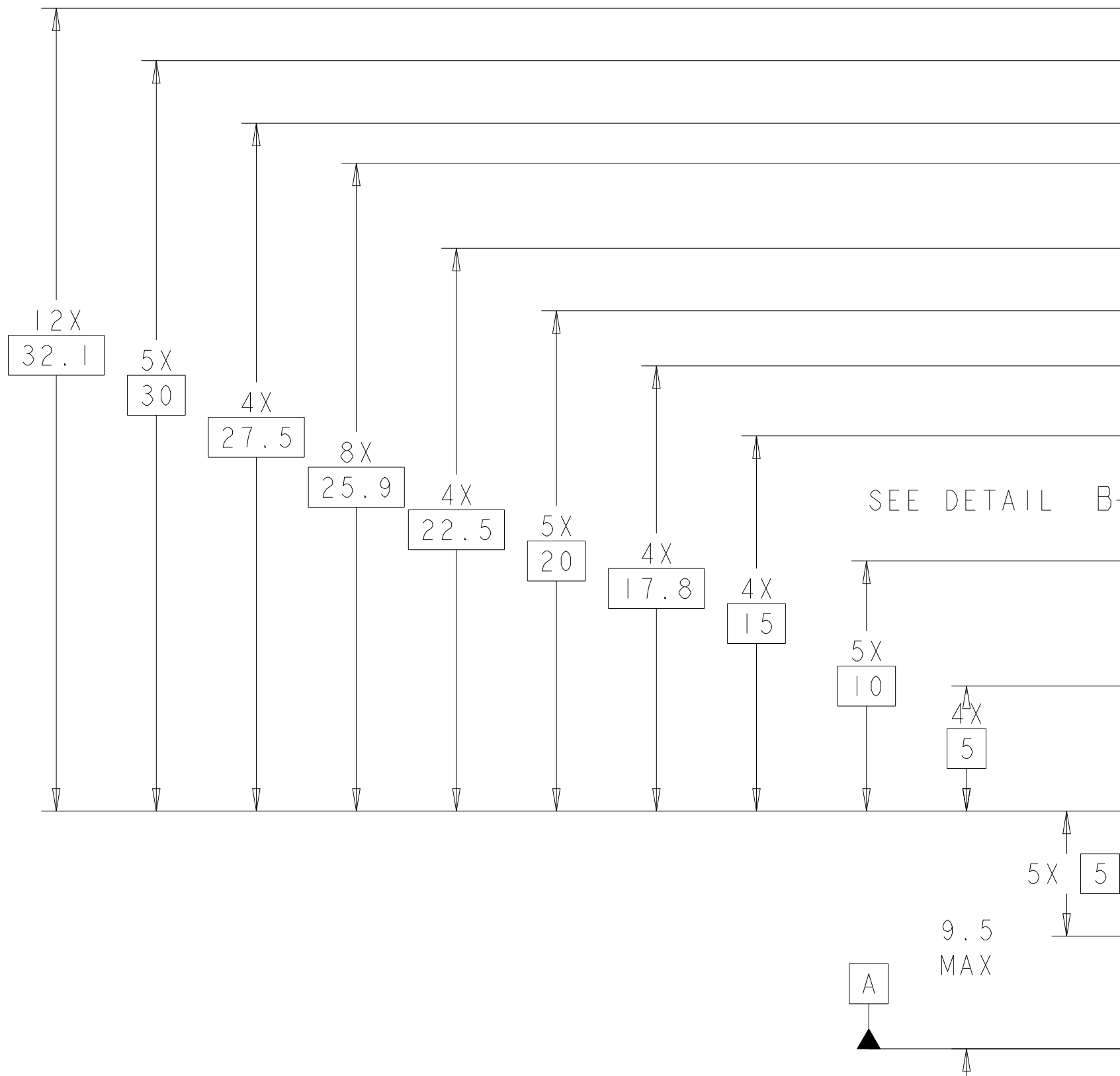
CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 23AUG2010 M SCHMITT CHK 23AUG2010 M SCHMITT APPV 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 ANGLES ± 0.1 $\pm 0.0^\circ$		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 100779	
WEIGHT -		DRAWING NO C2149730		RESTRICTED TO -	
Customer Drawing				SCALE	5:1
				SHEET	4 OF 7
				REV	A3

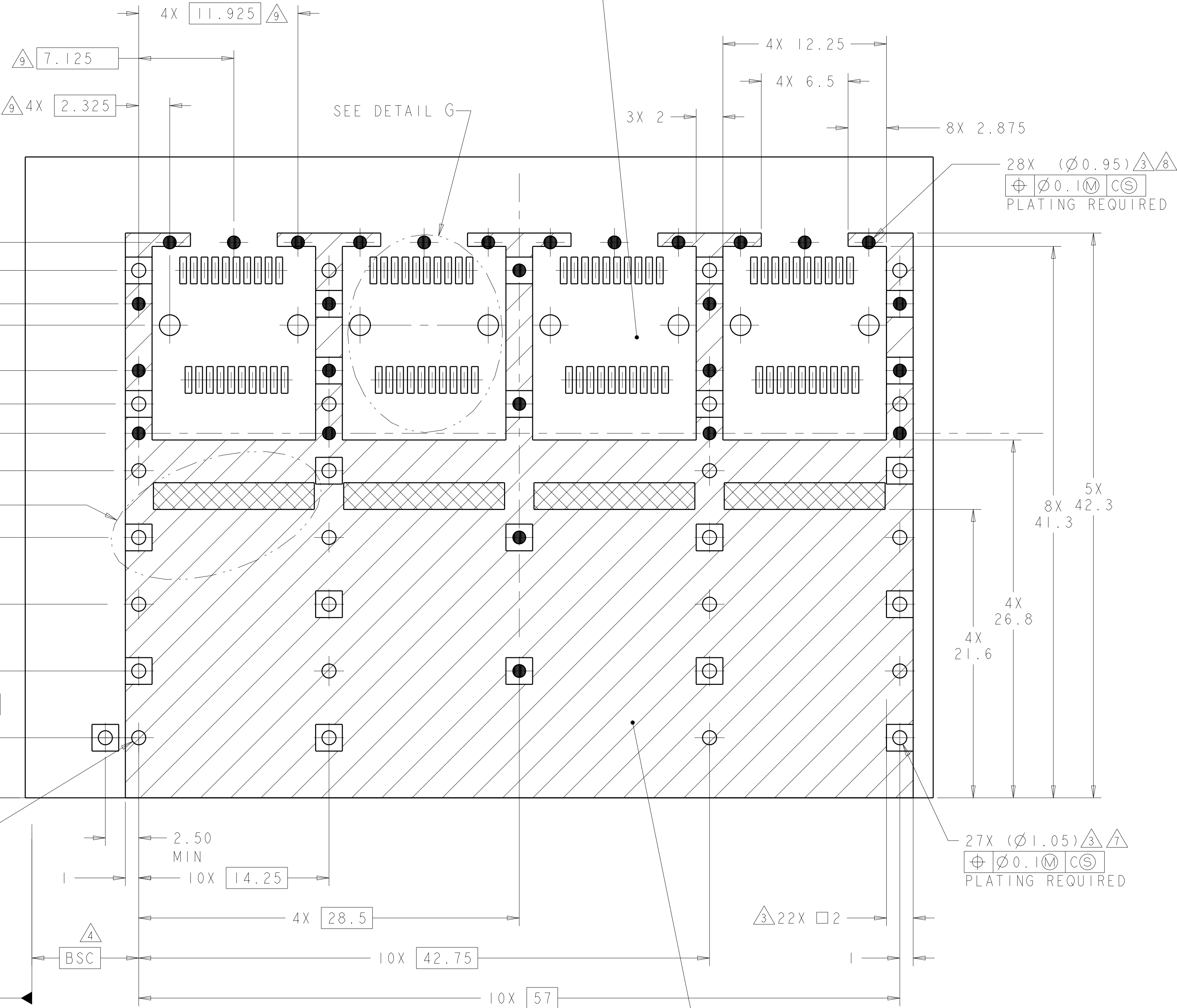
LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



DETAIL B
4X INDIVIDUALLY
SCALE 10:1

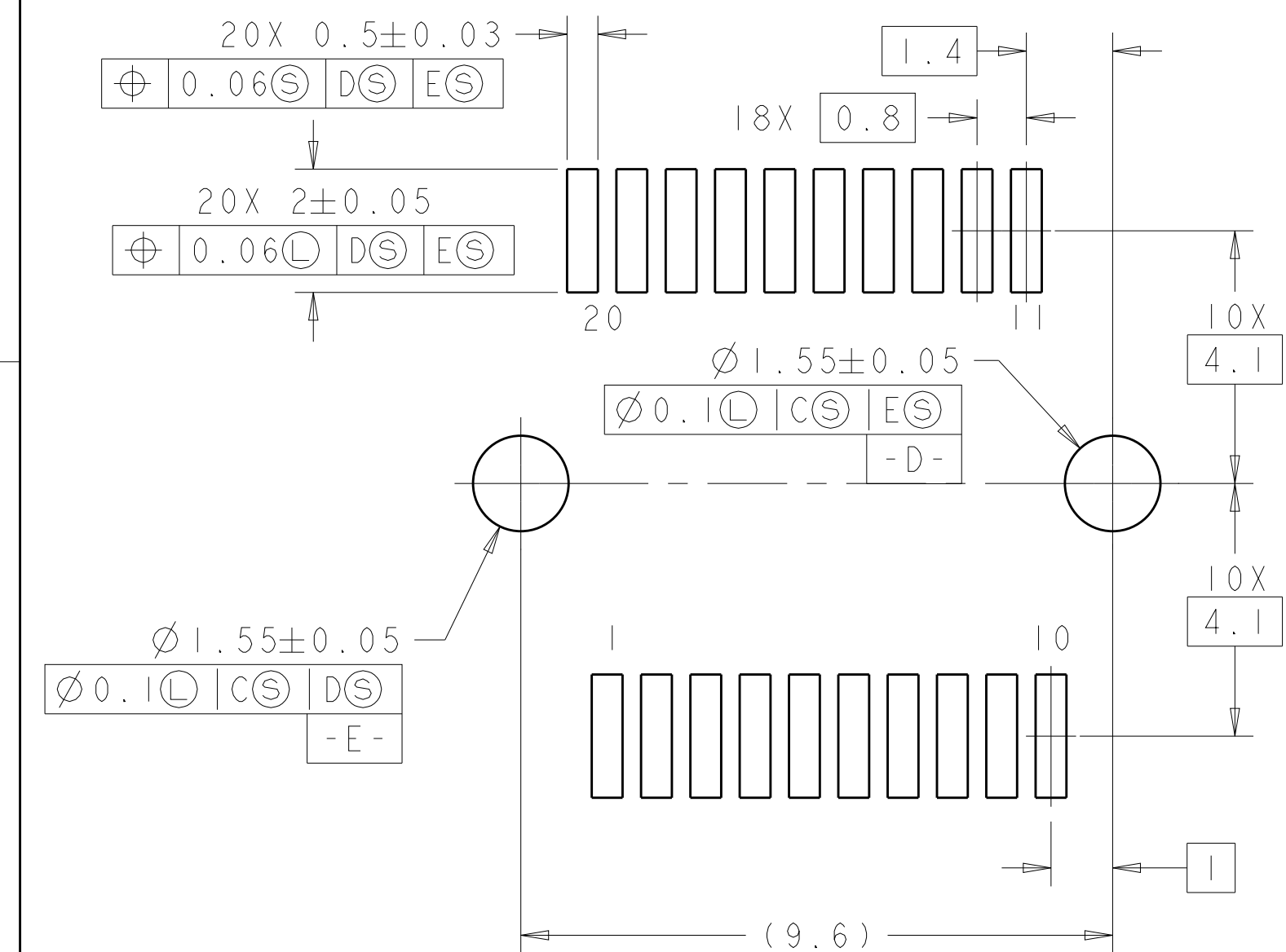


3 7 (Ø 1.05)
Ø 0.1 CS AB
PLATING REQUIRED
-C-



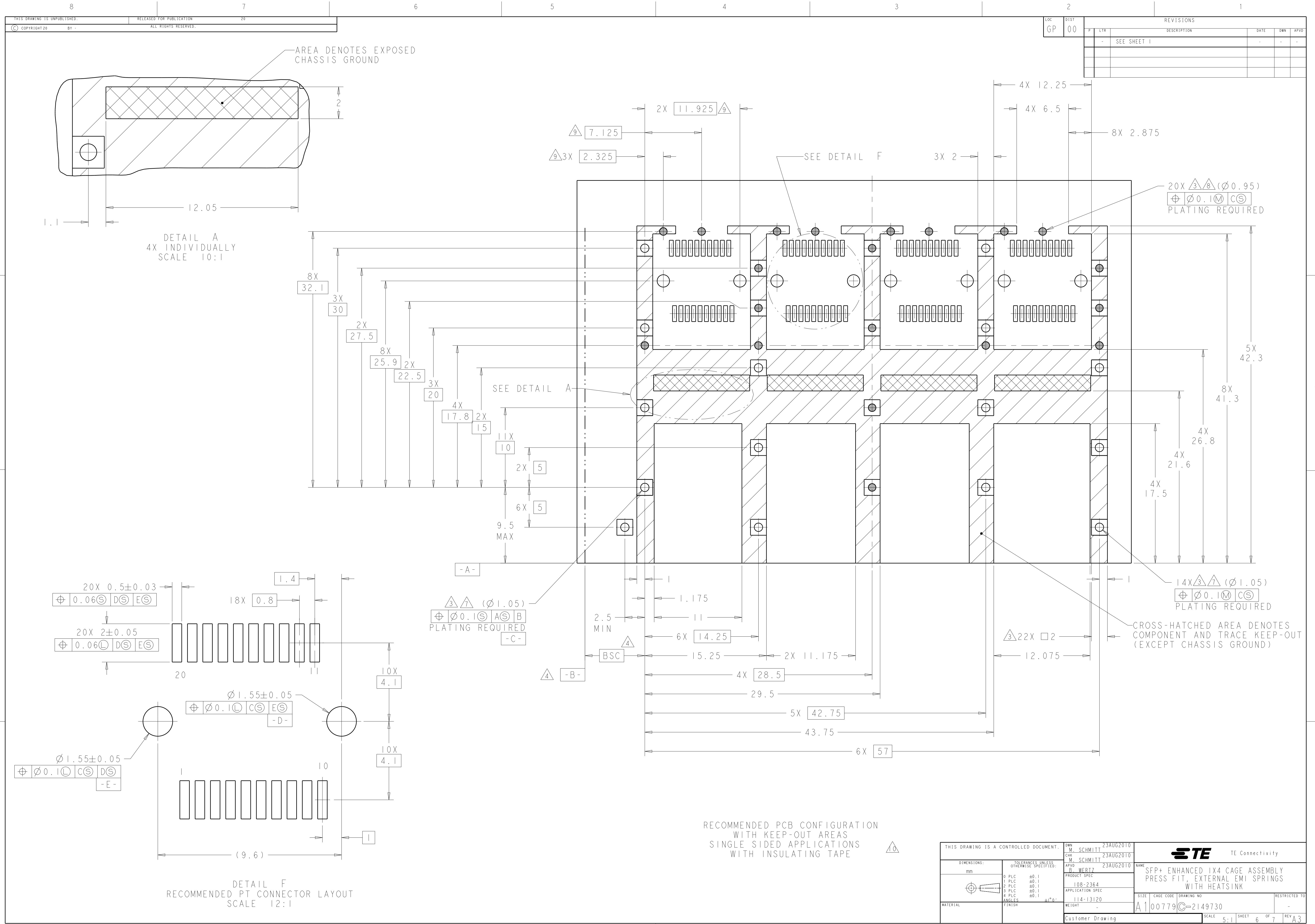
CROSS-HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

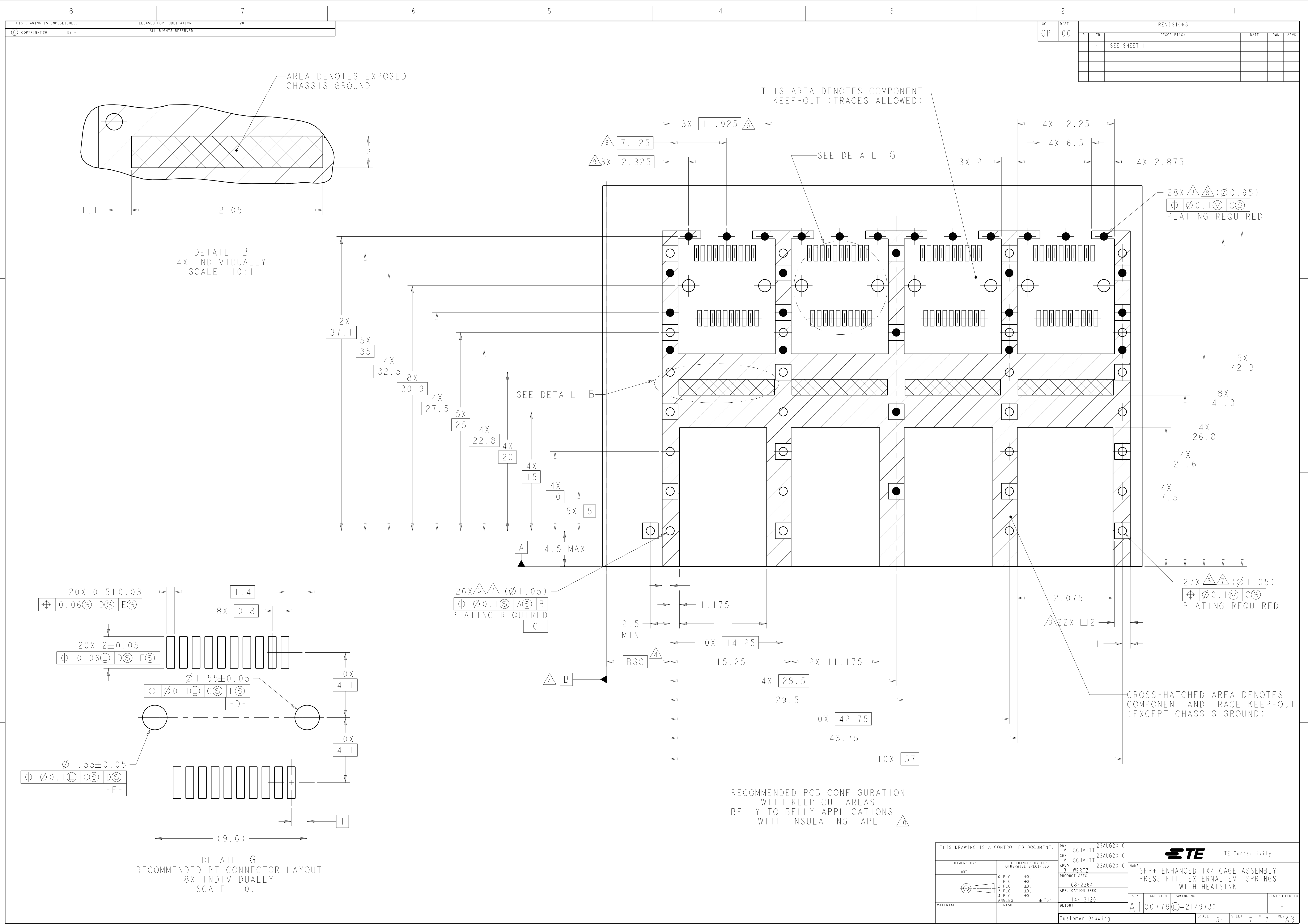
RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 5:1



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SCHMITT 23AUG2010	TE TE Connectivity	
DIMENSIONS: mm		CHK M. SCHMITT 23AUG2010		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B. WERTZ 23AUG2010	NAME SFP+ ENHANCED 1X4 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°		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120	SIZE A100779	
MATERIAL		WEIGHT	DRAWING NO. C=2149730	
		Customer Drawing	RESTRICTED TO -	
		SCALE 5:1	SHEET 5 OF 7	
			REV A3	







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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