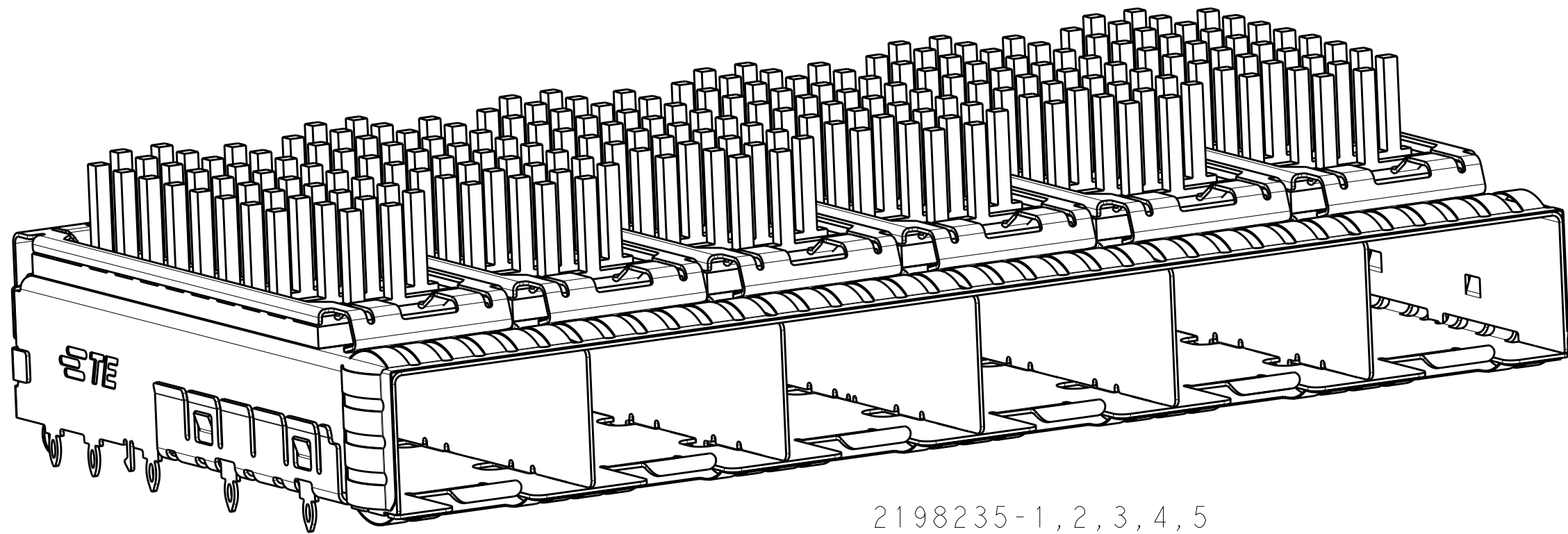
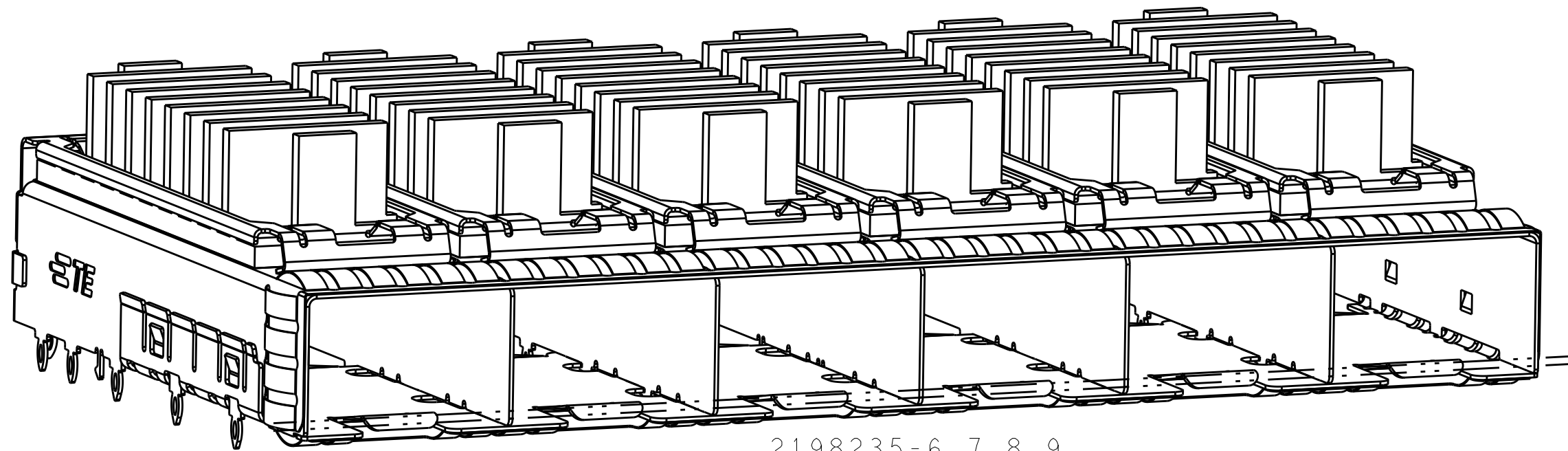
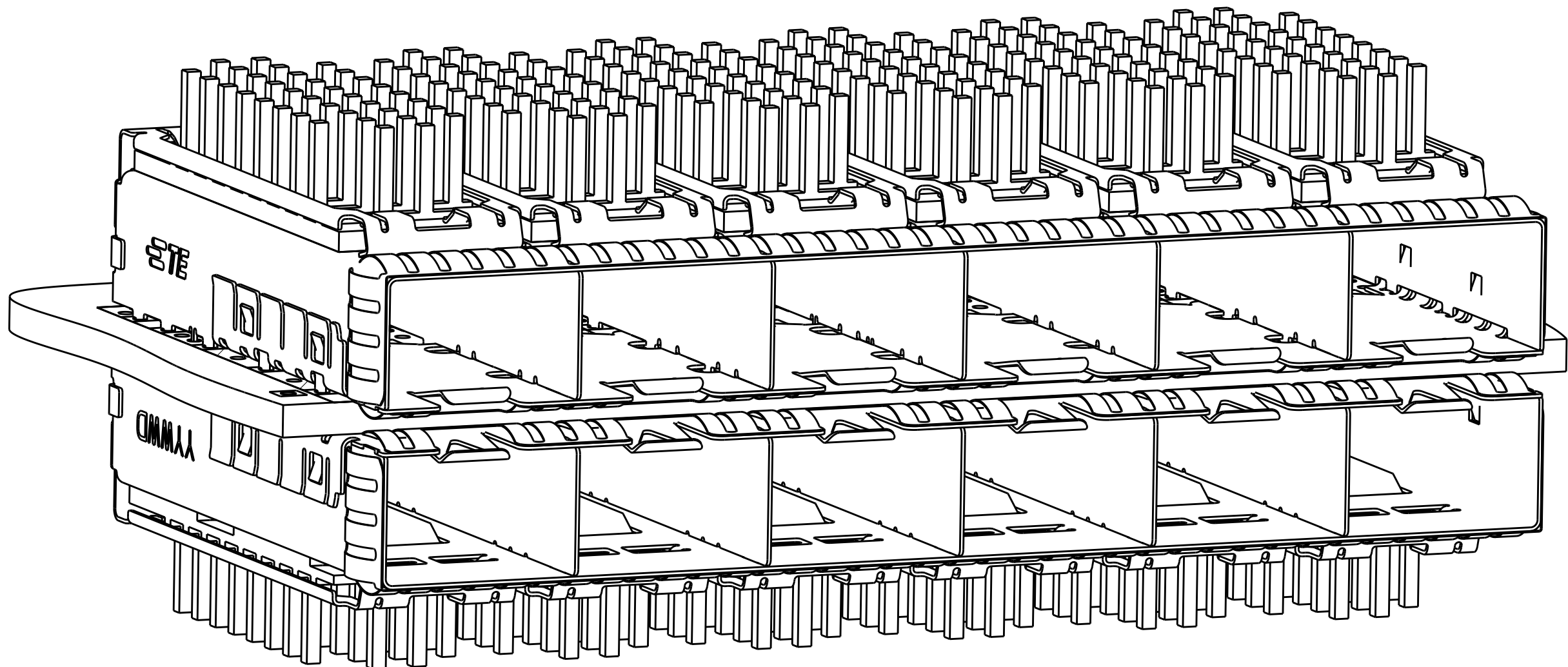
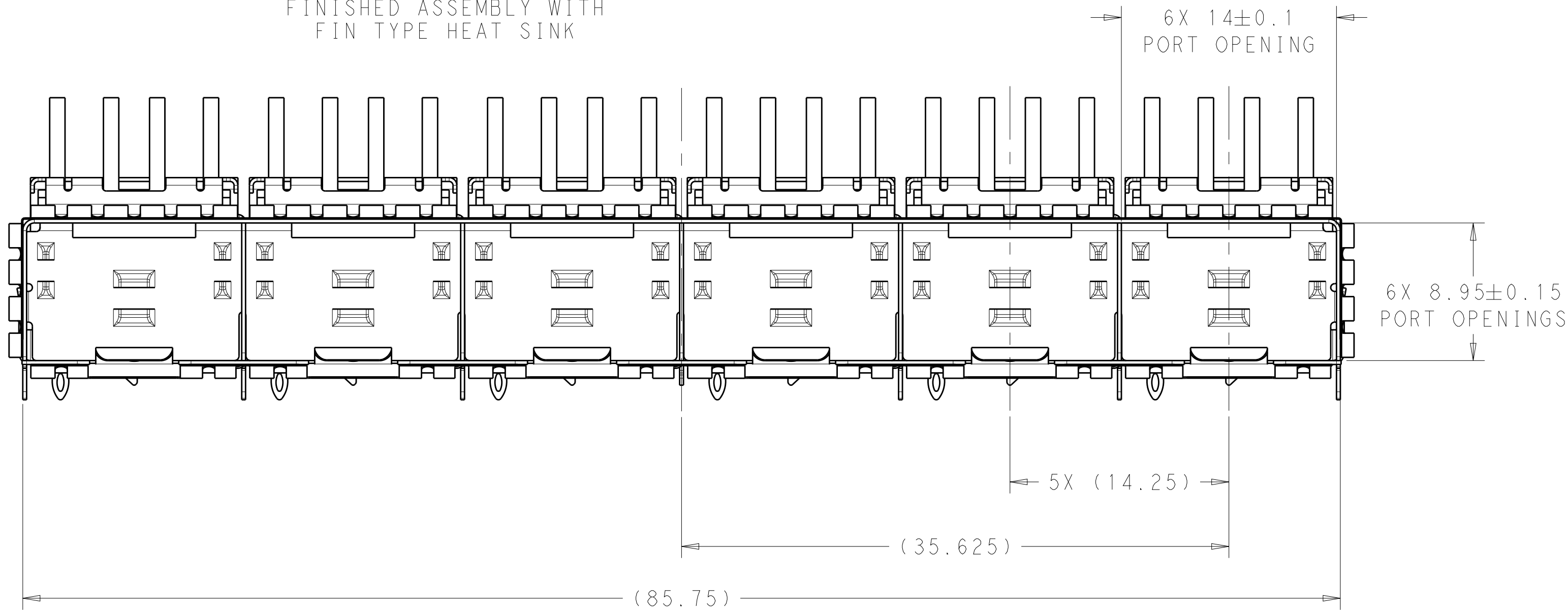




2198235-1,2,3,4,5
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



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.

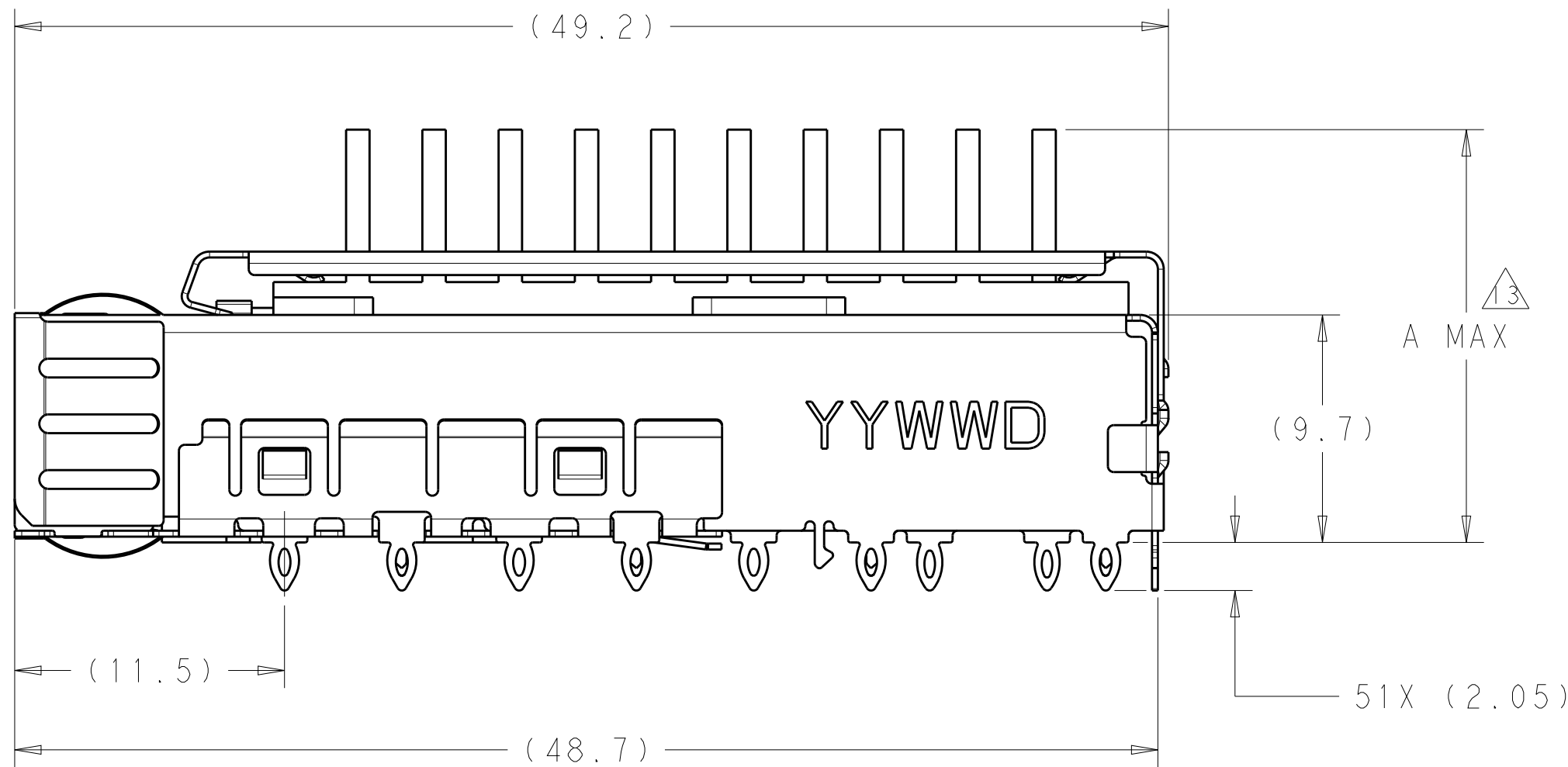
9 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

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.

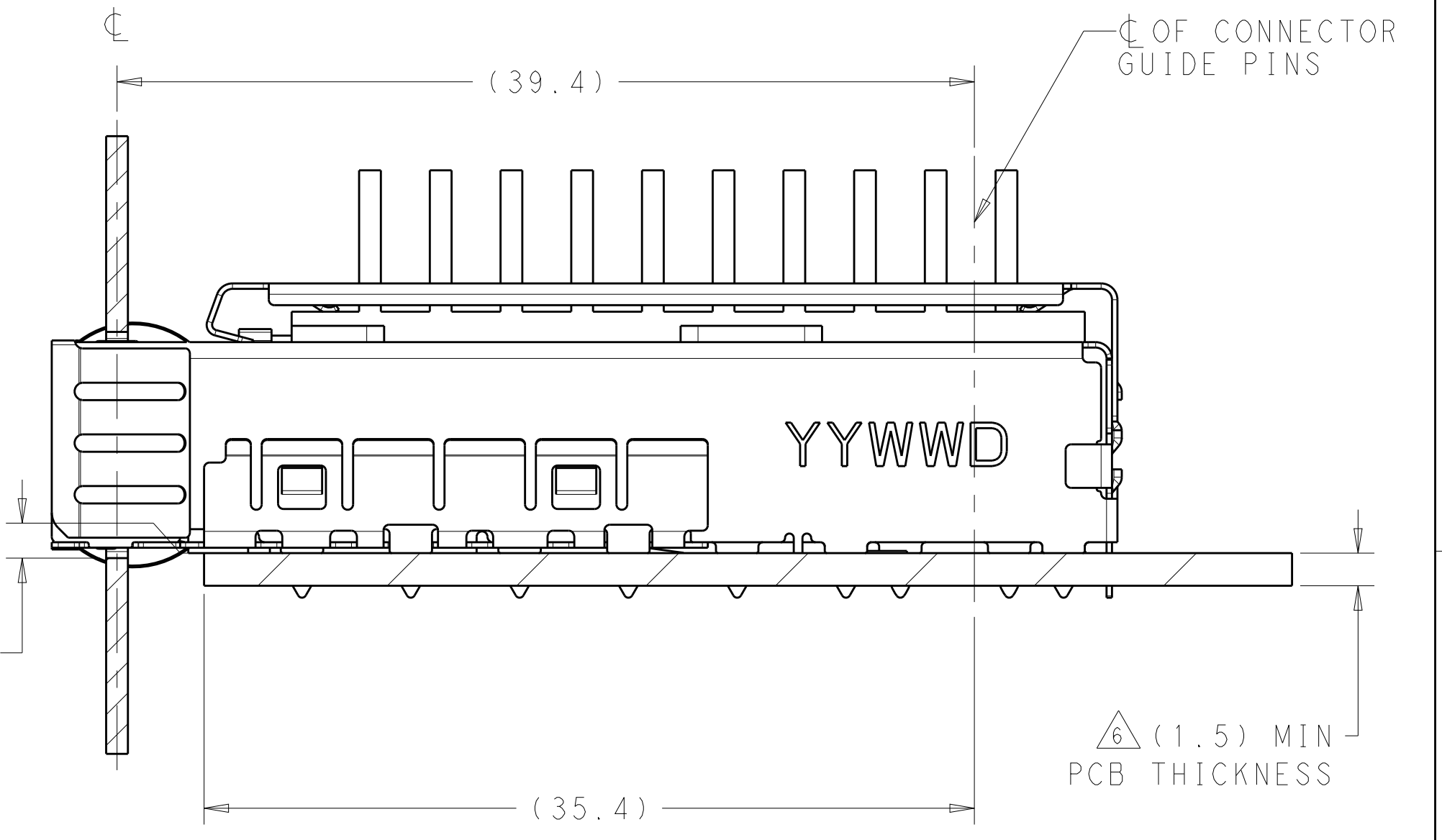
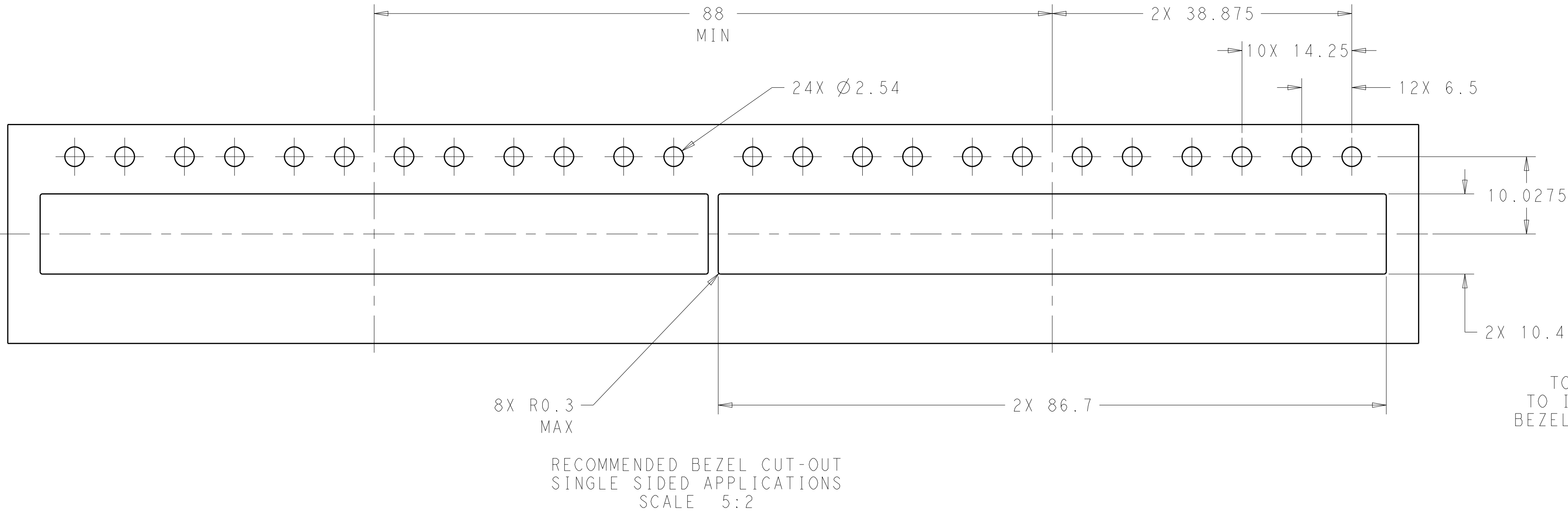
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE

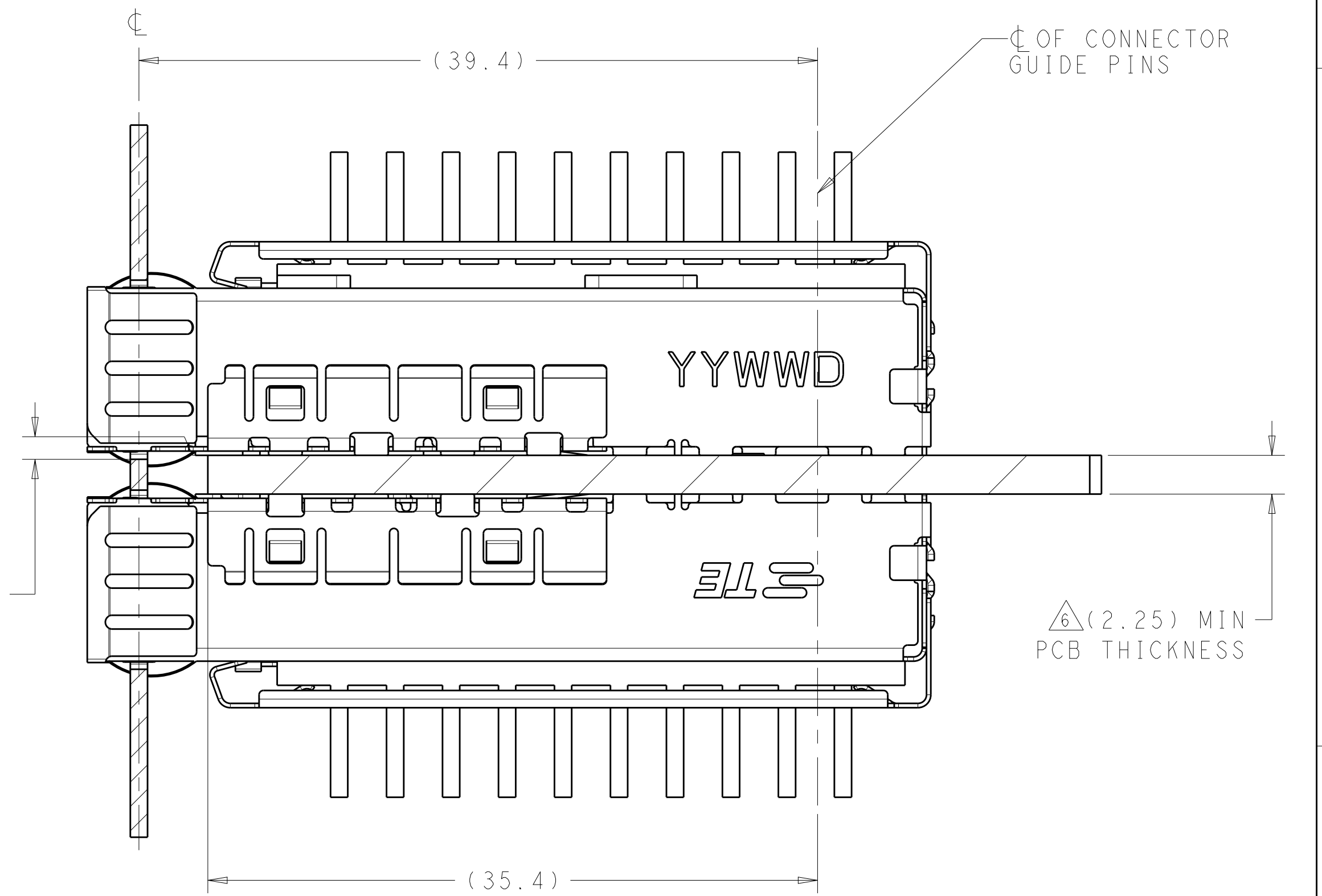
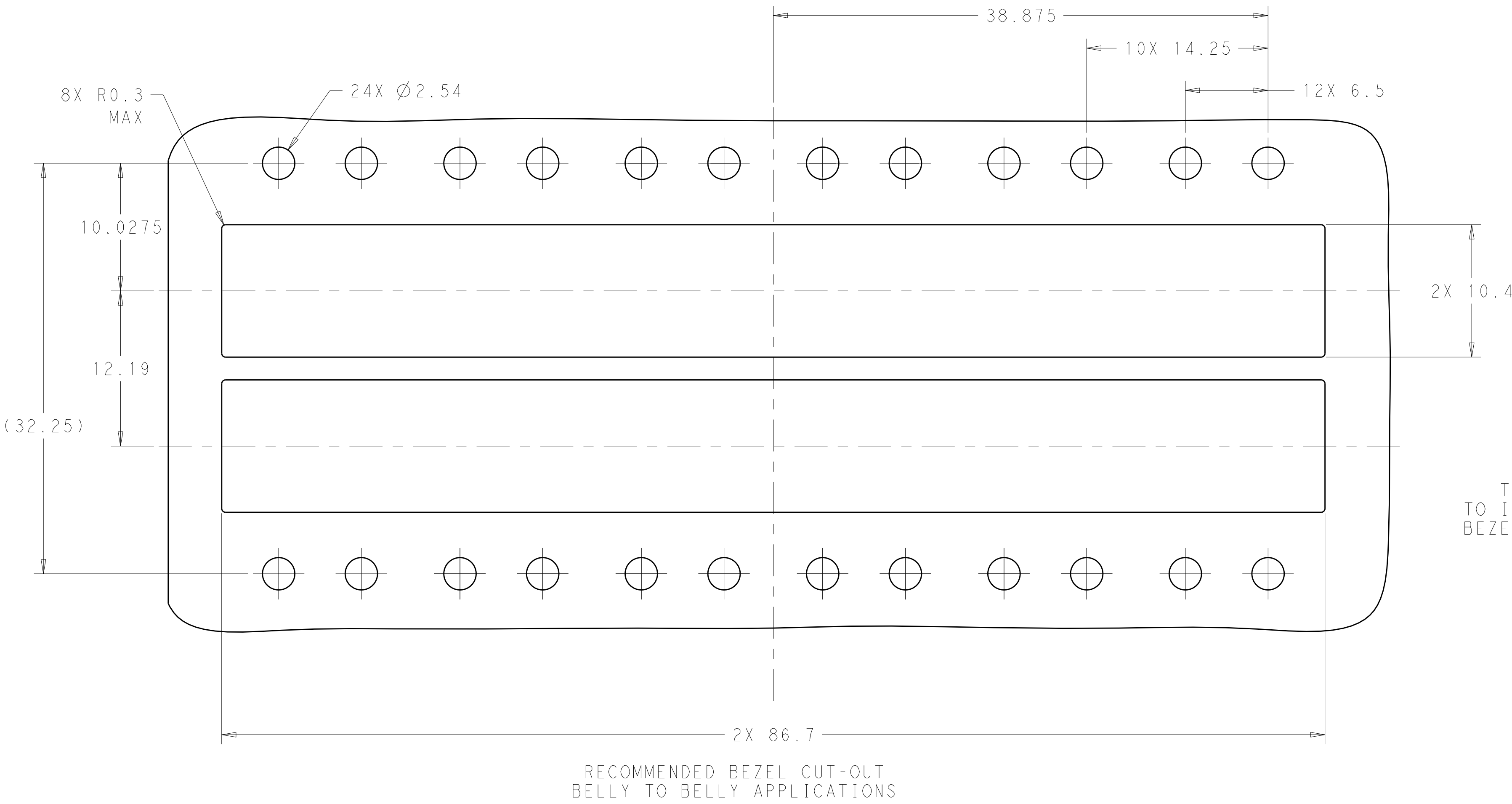


FIN TYPE	W/O INSULATING TAPE	22.5	NETWORKING, TALL	2198235-9
FIN TYPE	W/O INSULATING TAPE	18.1	NETWORKING, SHORT	2198235-8
FIN TYPE	W/O INSULATING TAPE	15.5	SAN	2198235-7
FIN TYPE	W/O INSULATING TAPE	13.2	PCI	2198235-6
PIN TYPE	W/ INSULATING TAPE	22.5	NETWORKING, TALL	2198235-5
PIN TYPE	W/O INSULATING 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

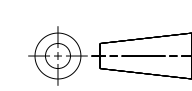
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN B. MATTHEWS CHK M. SCHMITT APVD W. SCHMITT	15NOV2011 15NOV2011 15NOV2011	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK	
mm	0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1	108-2364	SIZE		
MATERIAL	FINISH	APPLICATION SPEC	114-13120	CAGE CODE	DRAWING NO
		WEIGHT	-	100779	2198235
Customer Drawing		SCALE	4:1	SHEET	1 OF 7
		REV	B2		

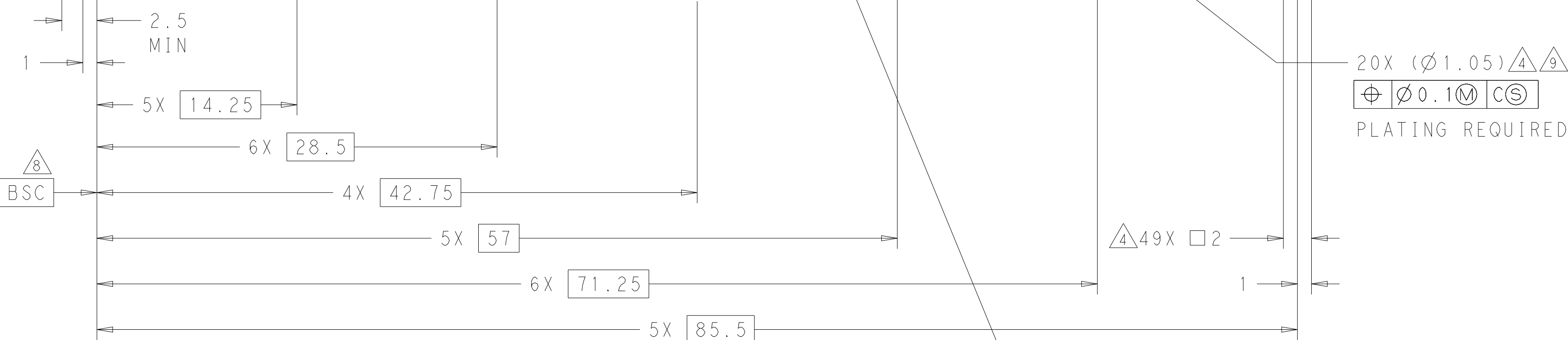
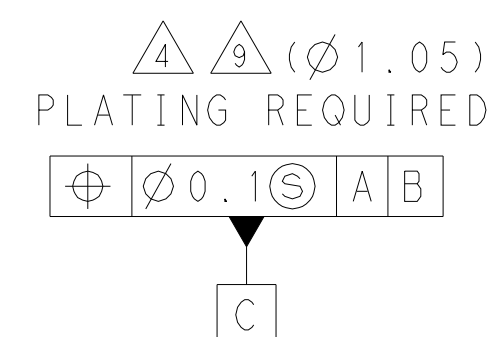
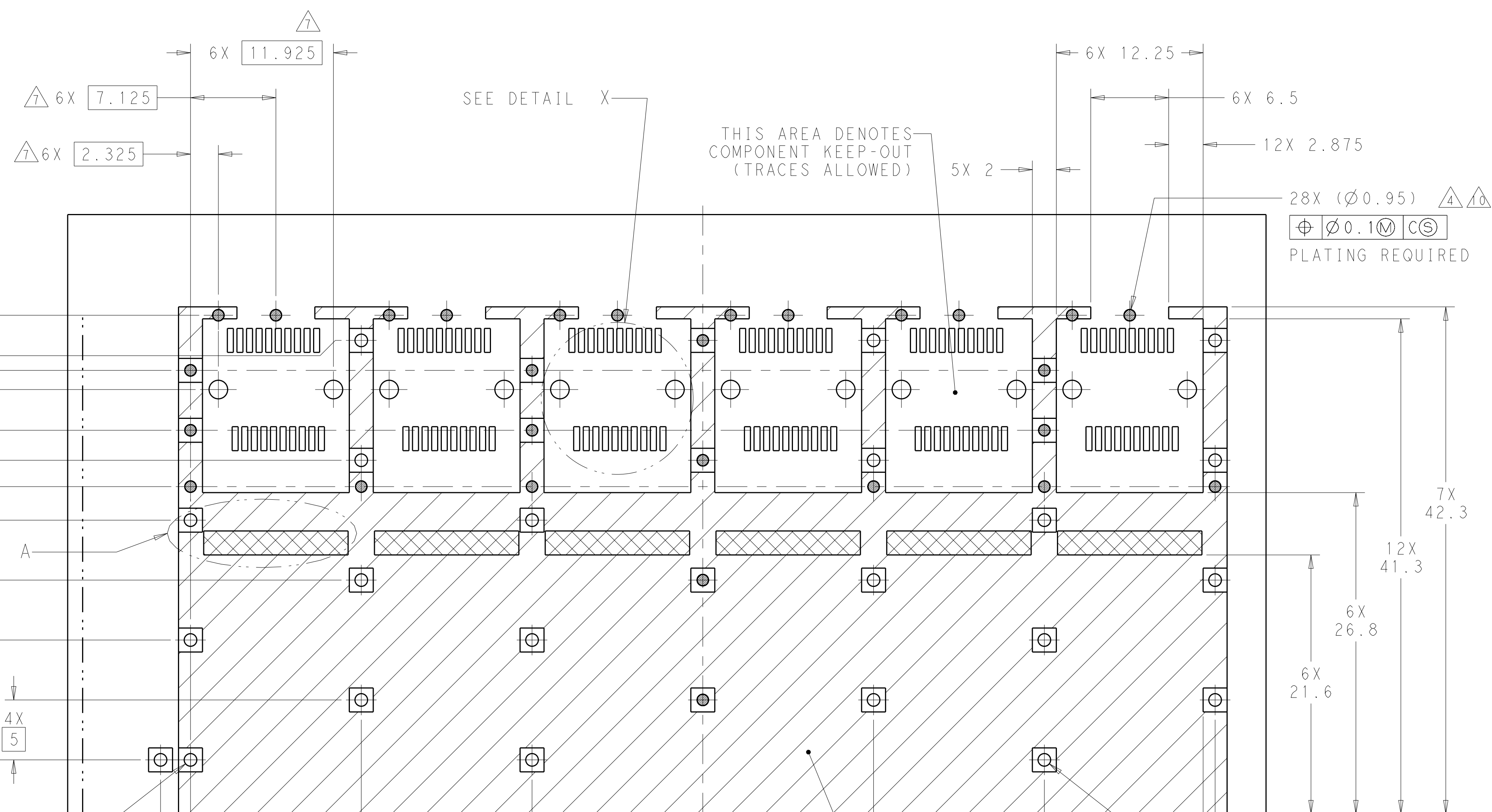


2198235
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



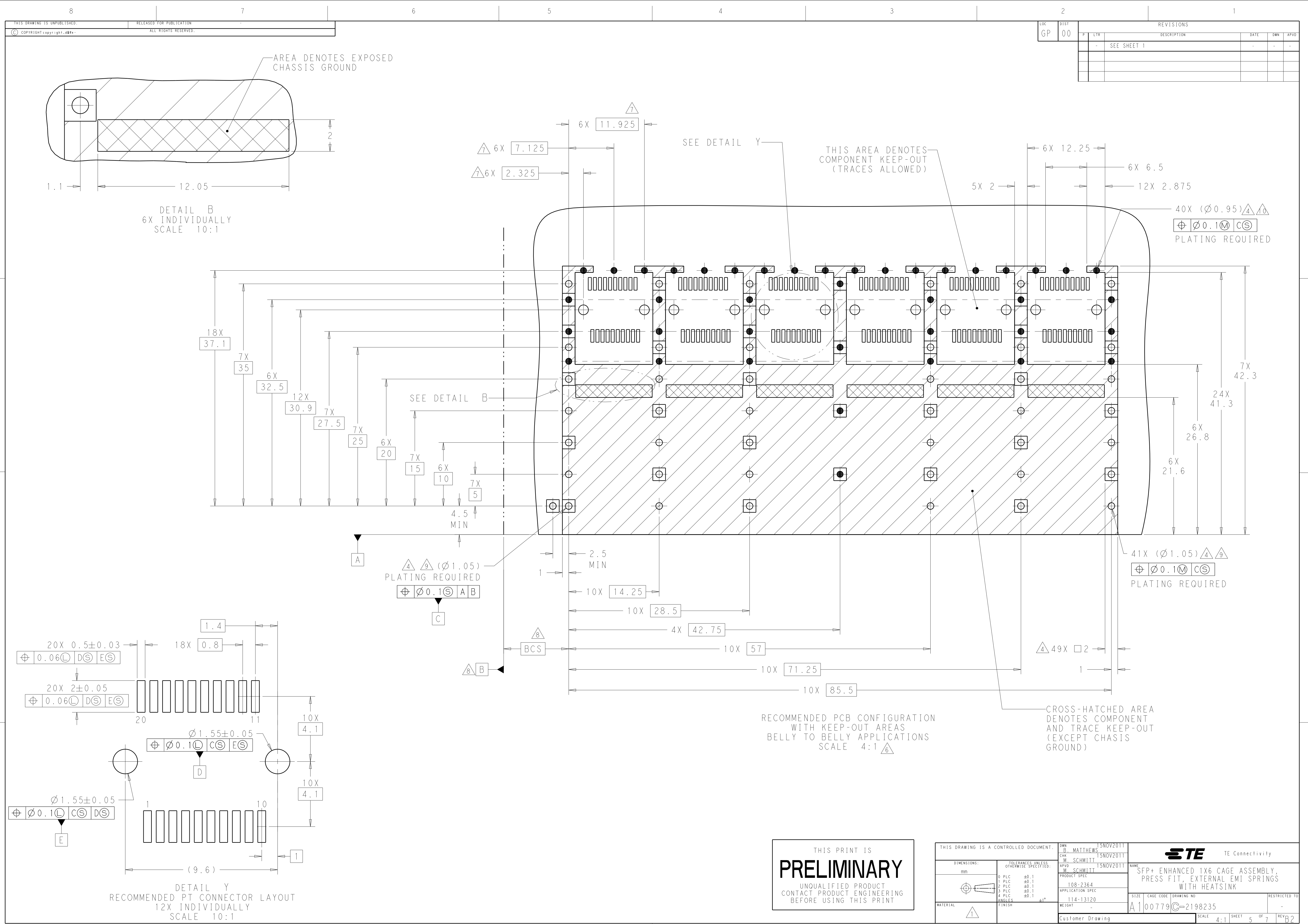
2198235
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

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	RESTRICTED TO -	
		SCALE 4:1	SHEET 3	REV B2

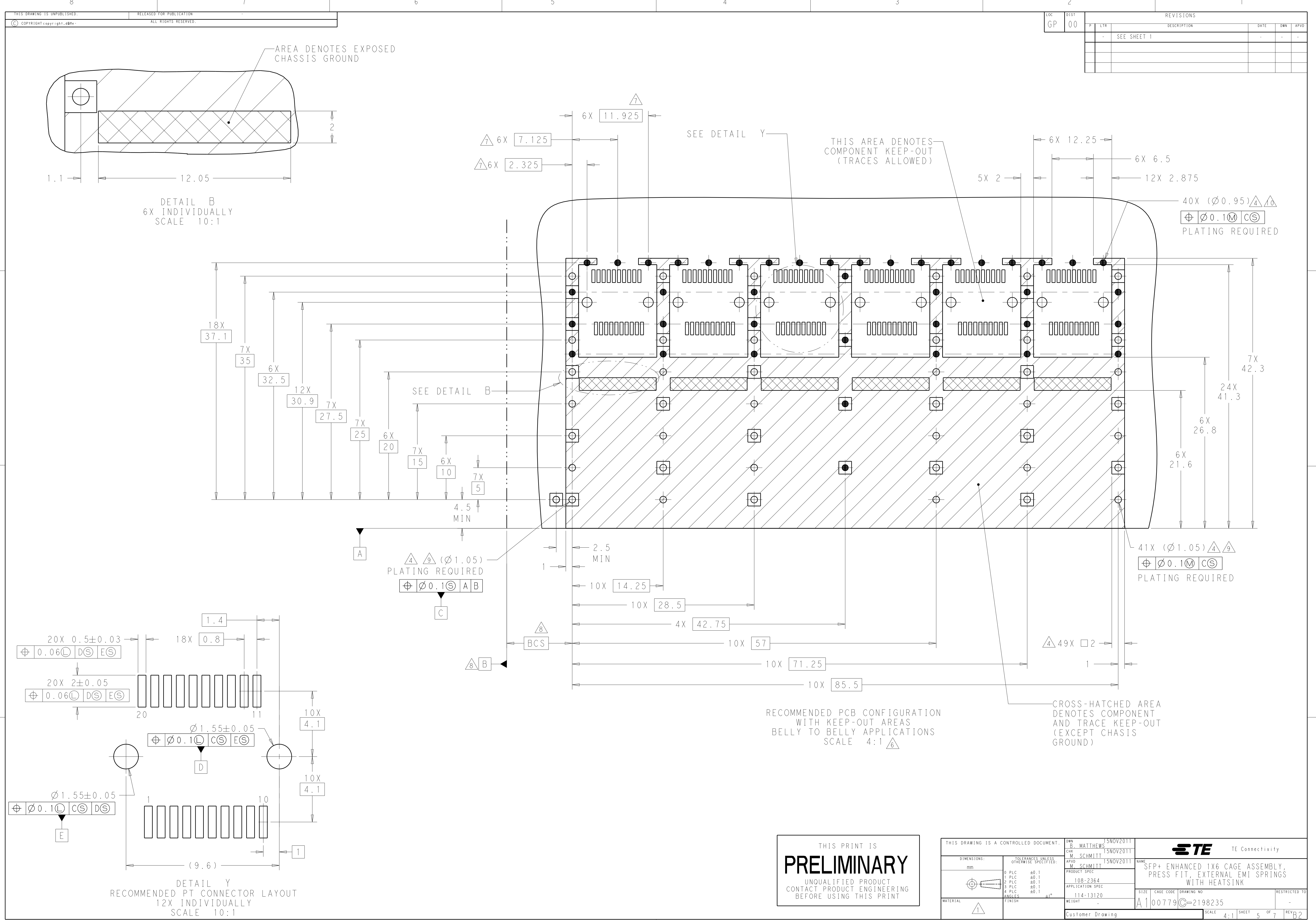


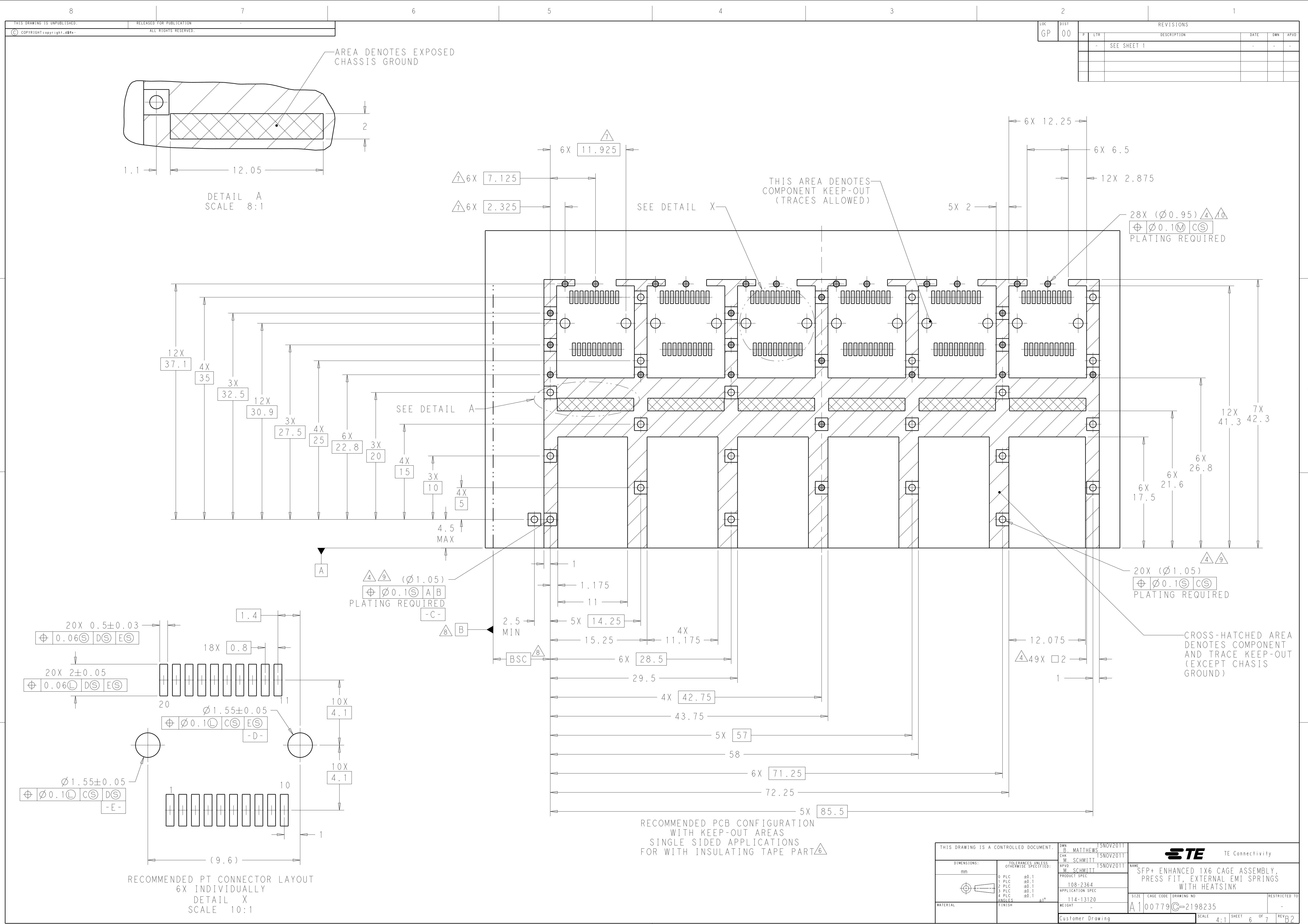
—CROSS-HATCHED AREA
DENOTES COMPONENT
AND TRACE KEEP-OUT
(EXCEPT CHASSIS
GROUND)

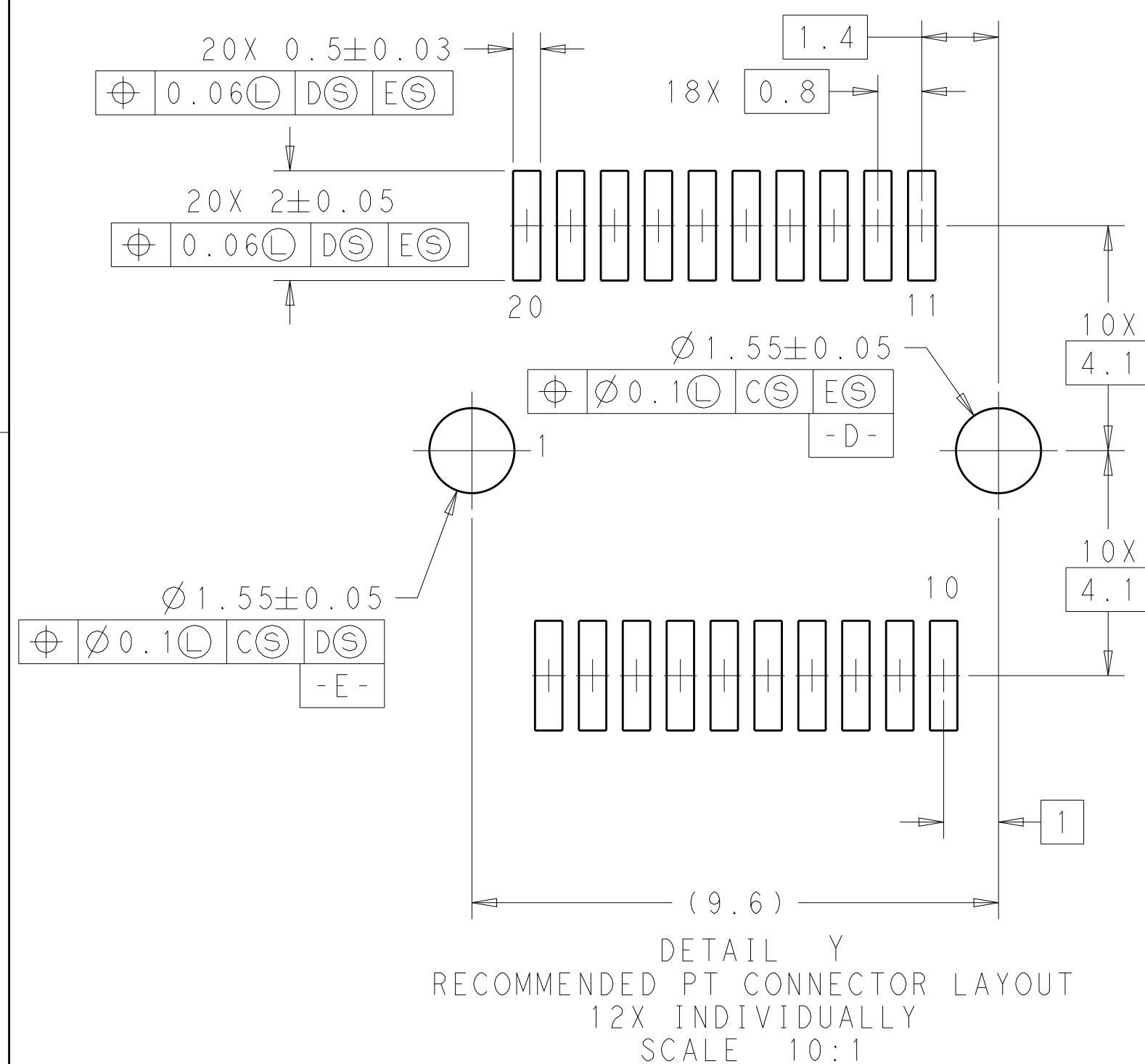
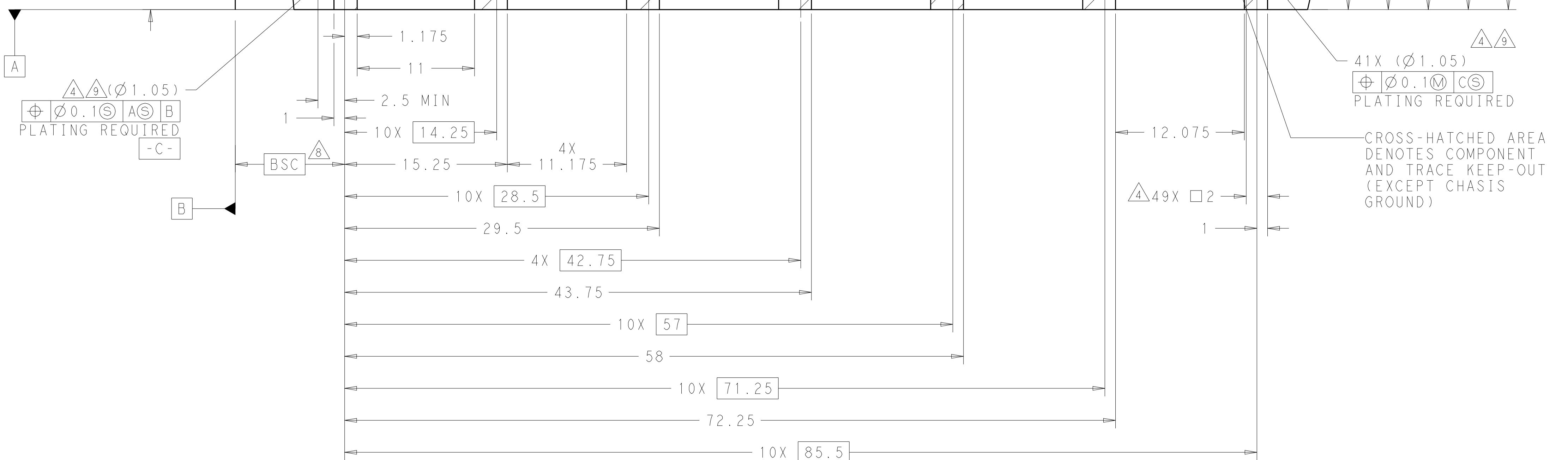
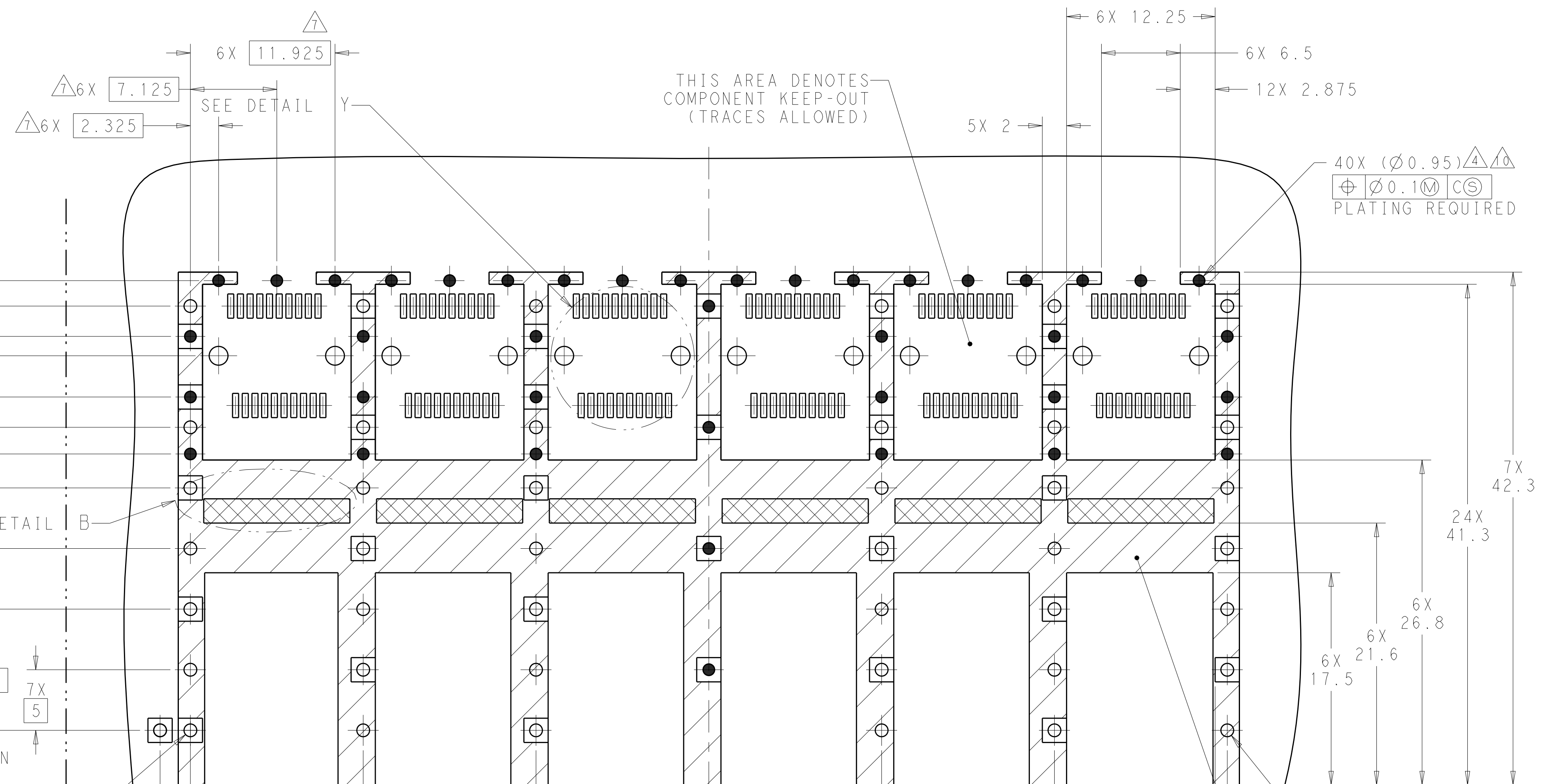
4805 (3/11)



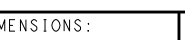
LOC		DIST		REVISONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	







RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
FOR WITH INSULATING TAPE PART

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



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.