

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		B	REVISED PER ECR-18-002882	21FEB2018	IT	SH
OY							

⚠ MATERIAL:
CAGE ASSEMBLY:
0.25mm THICK NICKEL SILVER ALLOY
EMI SPRINGS: COPPER ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL.

⚠ 2 FINISH:
HEAT SINK: ELECTROLESS NICKEL
HEAT SINK CLIP: PASSIVATE.
EMI SPRINGS: 0.8µm MIN MATTE TIN OVER
0.8µm MIN NICKEL, NON-PLATED EDGES PERMISSIBLE.

⚠ 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: 2.25mm

⚠ 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.

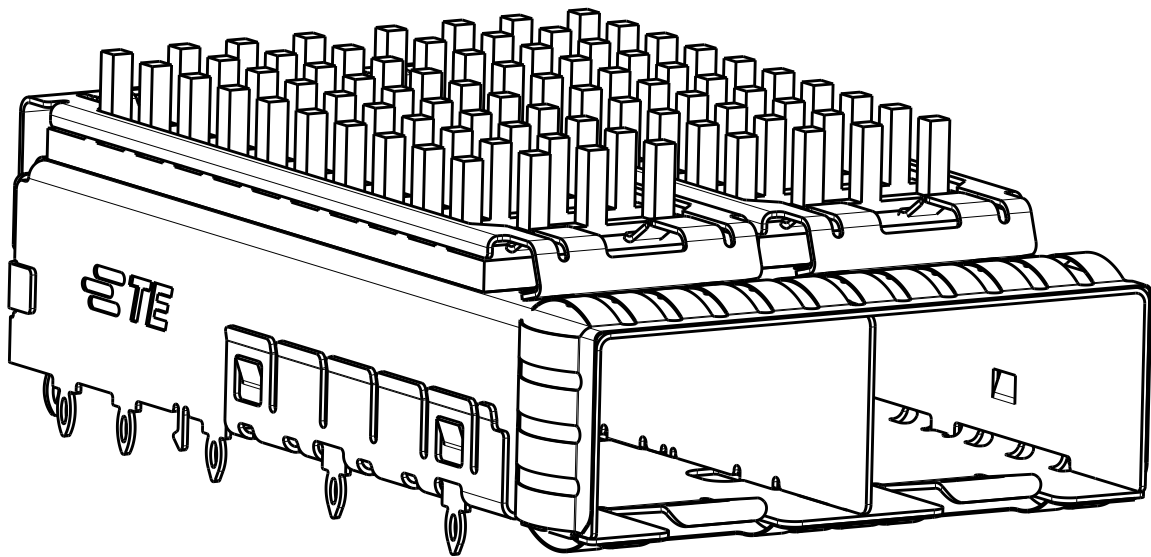
⚠ 10 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

11. CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.

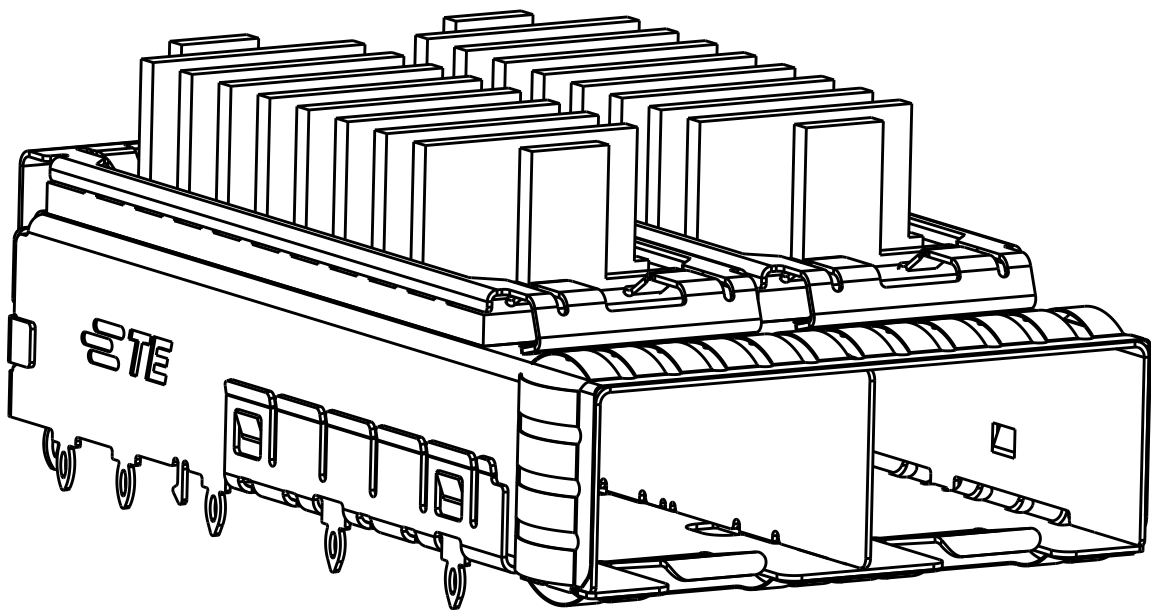
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

⚠ 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

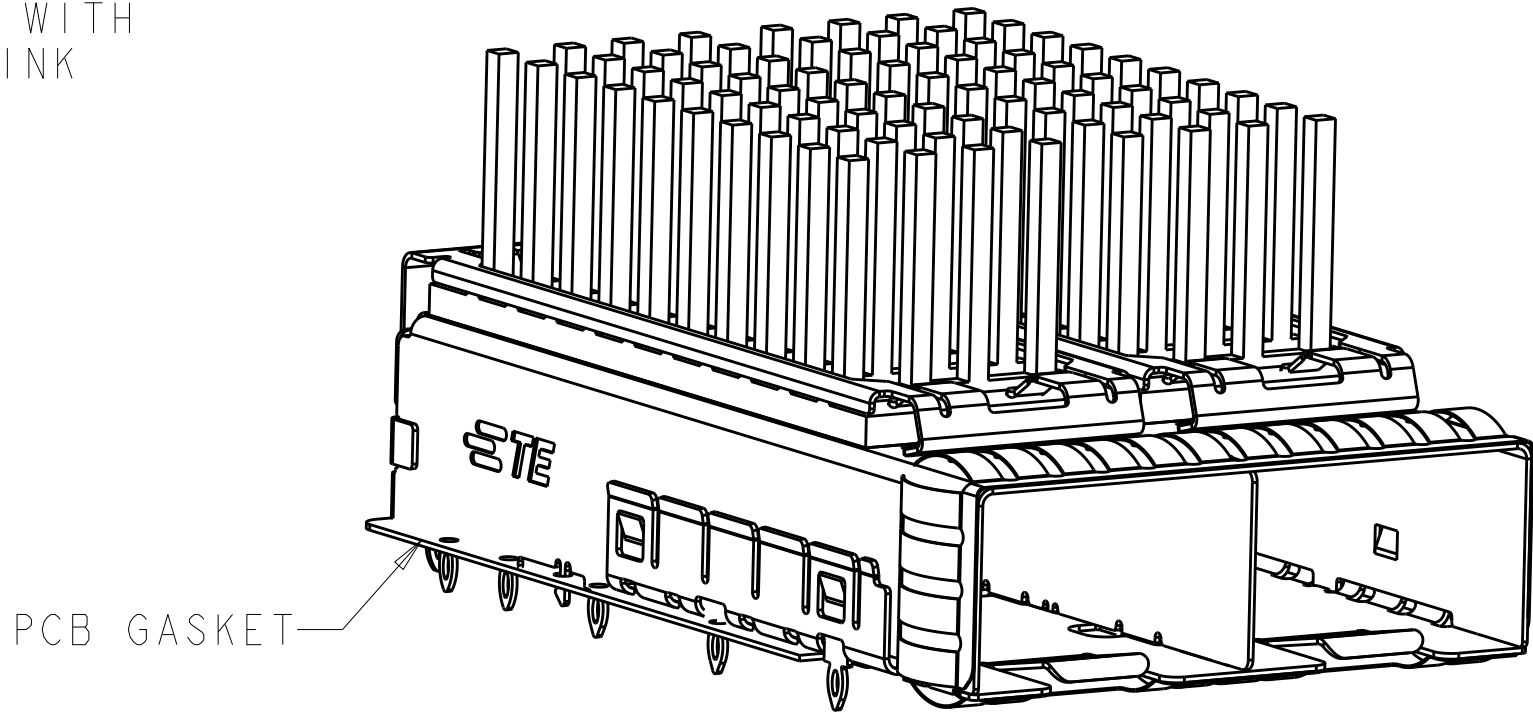
⚠ 14 WITH BELLY GASKET: RF ABSORBER



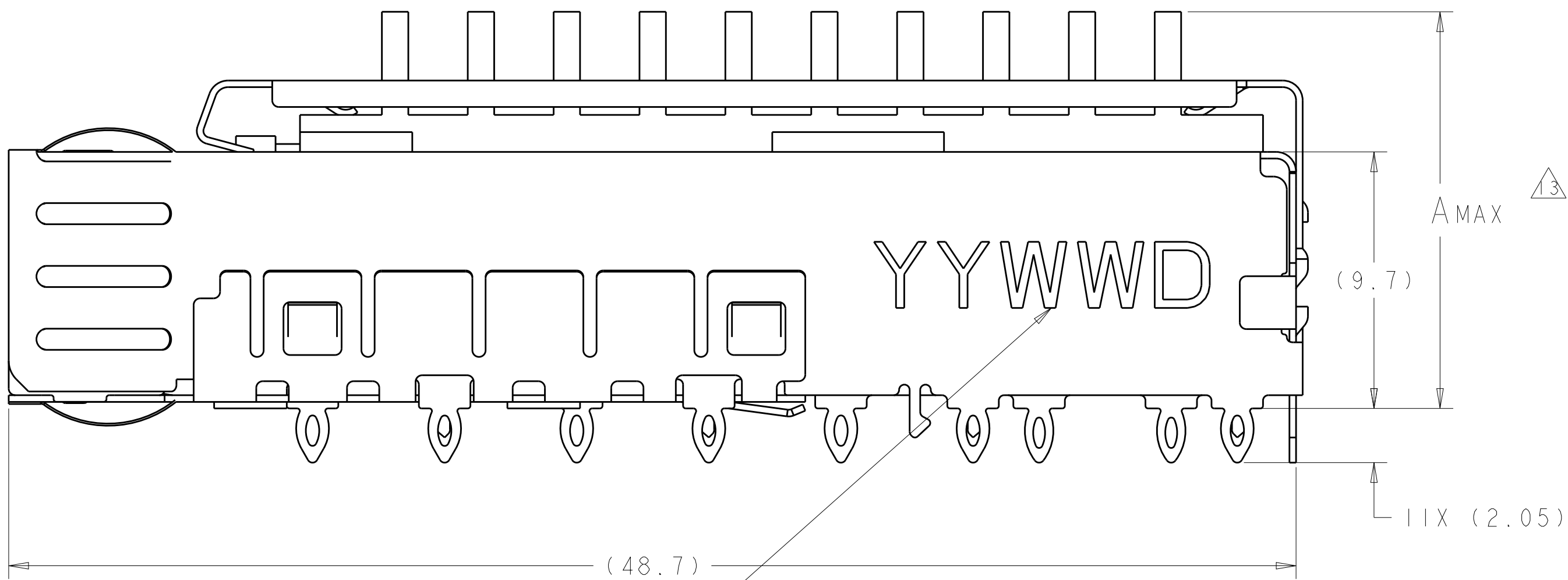
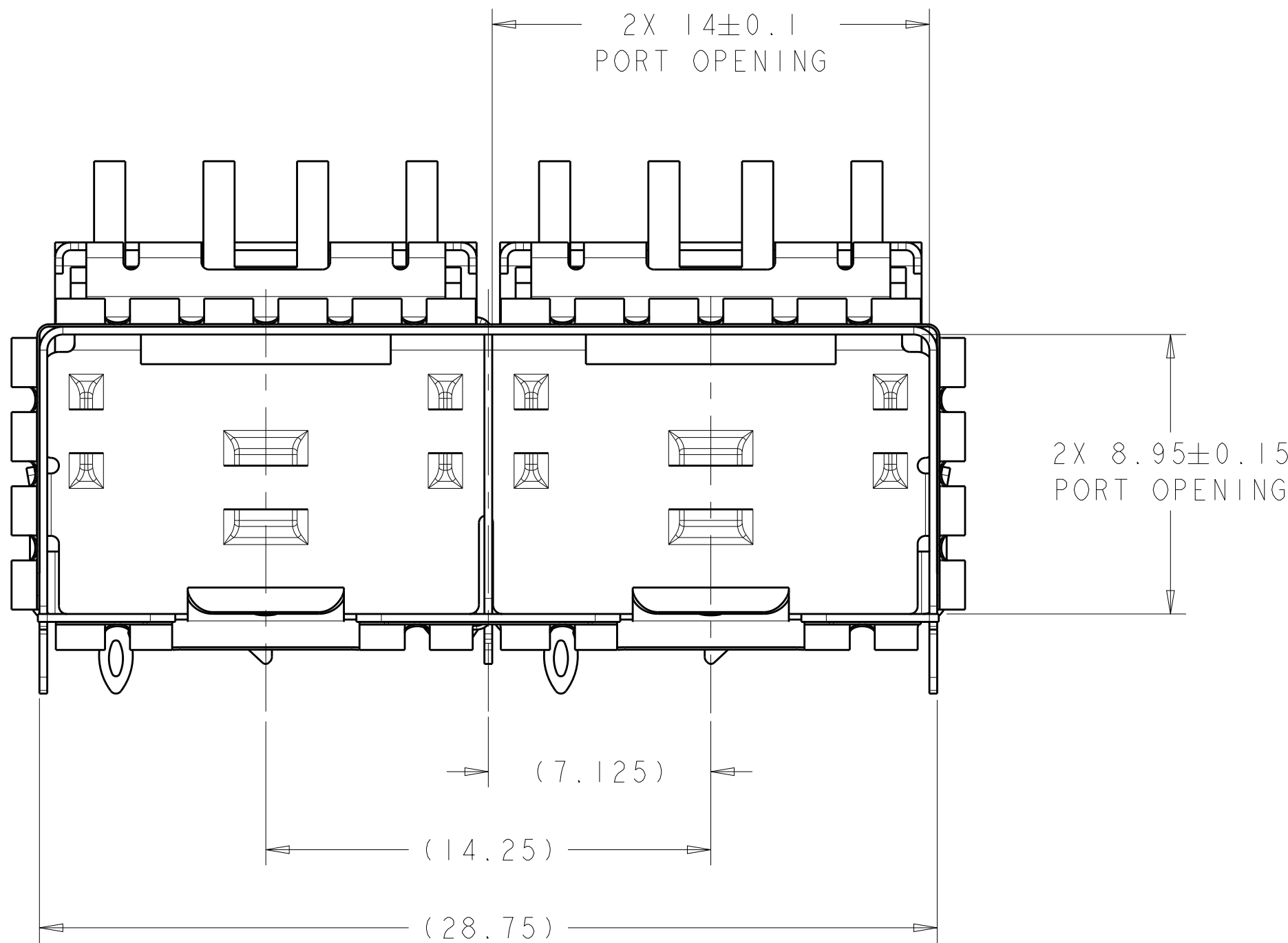
2198230-1,2,3,4
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



2198230-5,6,7,8
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK

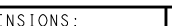


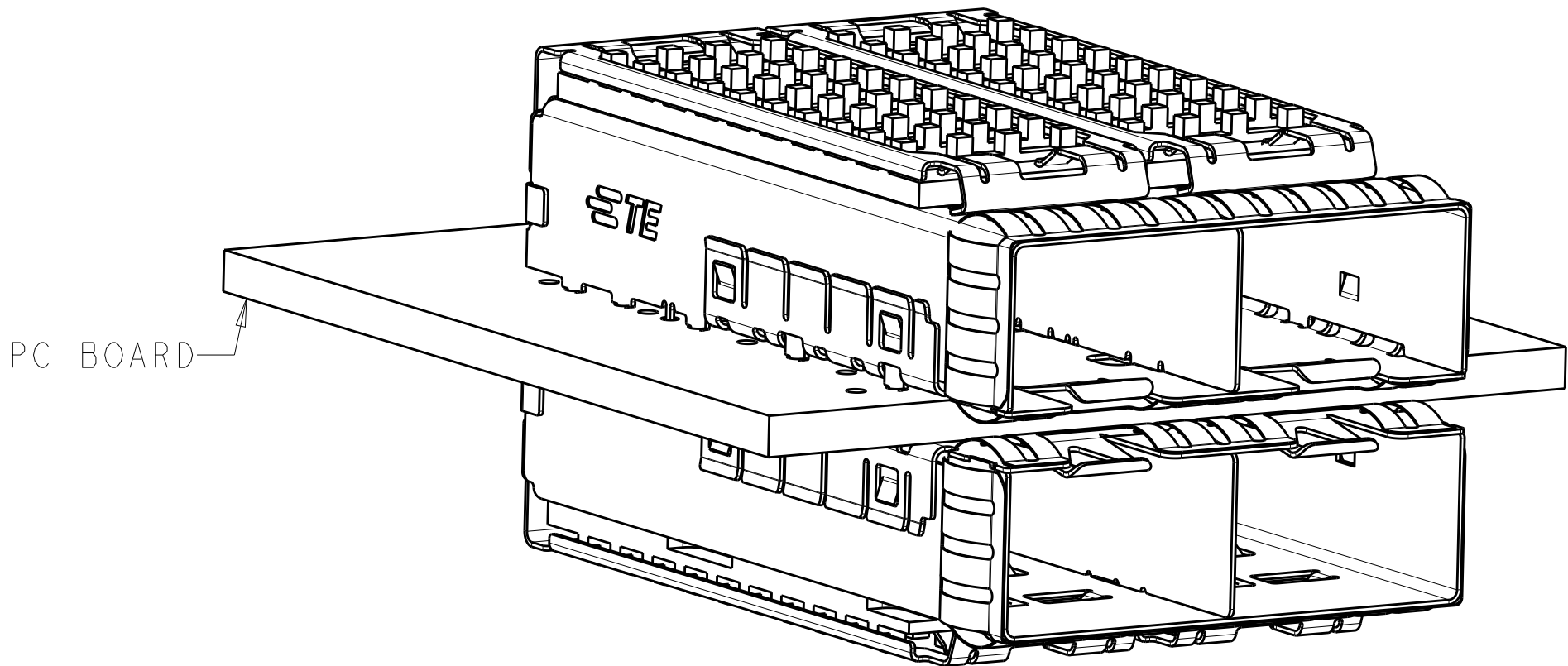
1-2198230-4
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK, WITH BELLY GASKET



APPROXIMATE LOCATION
OF DATE CODE

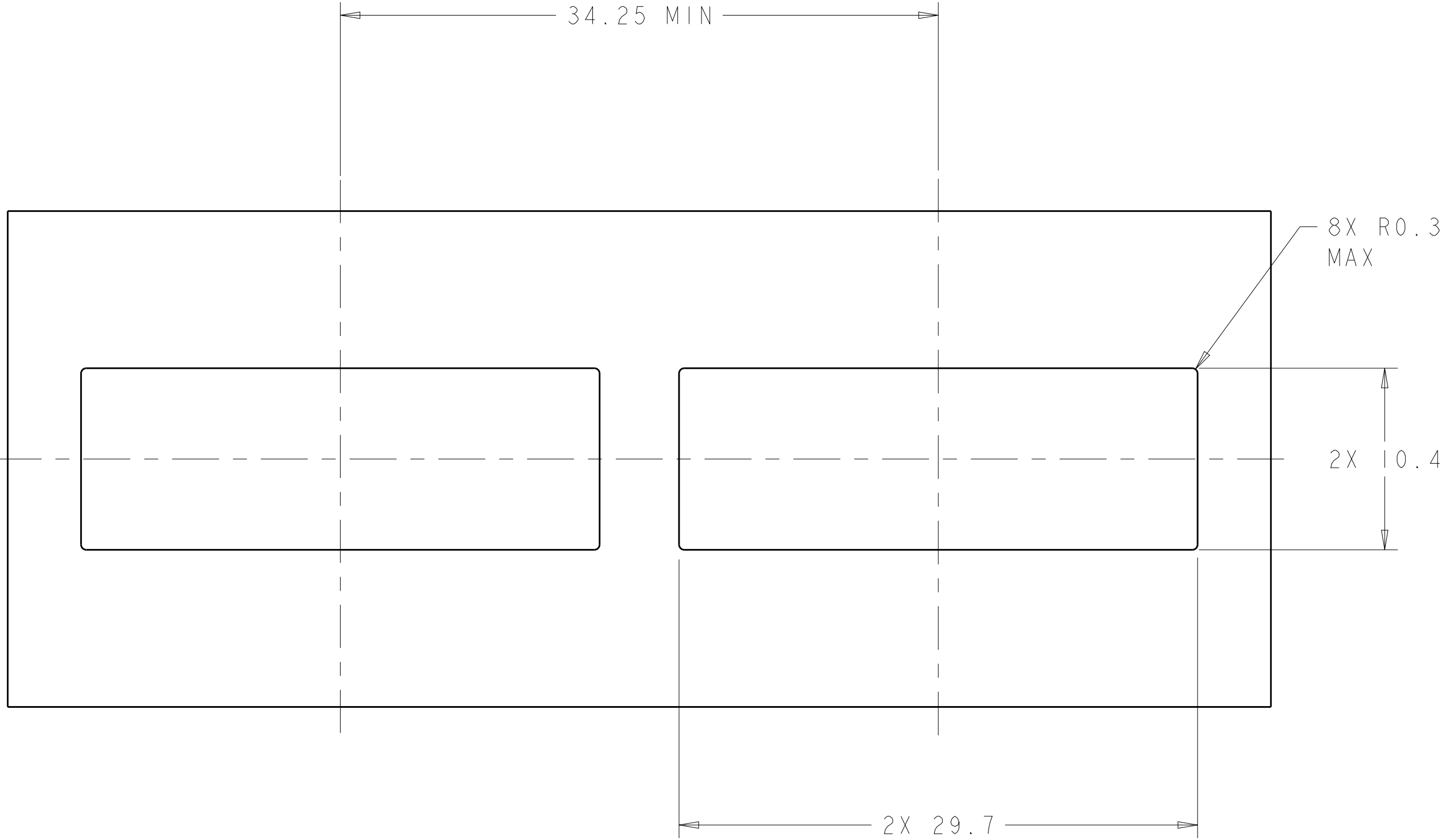
FIN TYPE	22.5	NETWORKING, TALL	2198230-8
FIN TYPE	18.1	NETWORKING, SHORT	2198230-7
FIN TYPE	15.5	SAN	2198230-6
FIN TYPE	13.2	PCI	2198230-5
PIN TYPE	22.5	NETWORKING, TALL	1-2198230-4
PIN TYPE	22.5	NETWORKING, TALL	2198230-4
PIN TYPE	18.1	NETWORKING, SHORT	2198230-3
PIN TYPE	15.5	SAN	2198230-2
PIN TYPE	13.2	PCI	2198230-1
HEAT SINK	A 13 DESCRIPTION		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 06OCT2011	 TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 06OCT2011		
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK
		0 PLC ±0.13		
		1 PLC ±0.1		
		2 PLC ±0.08		
mm		3 PLC ±.05		SIZE A100779C=2198230
		4 PLC ±.05		
		ANGLES ±.1		
		FINISH		
MATERIAL		WEIGHT		RESTRICTED TO
				-
Customer Drawing		SCALE 2:1		SHEET 1 OF 4 REV B

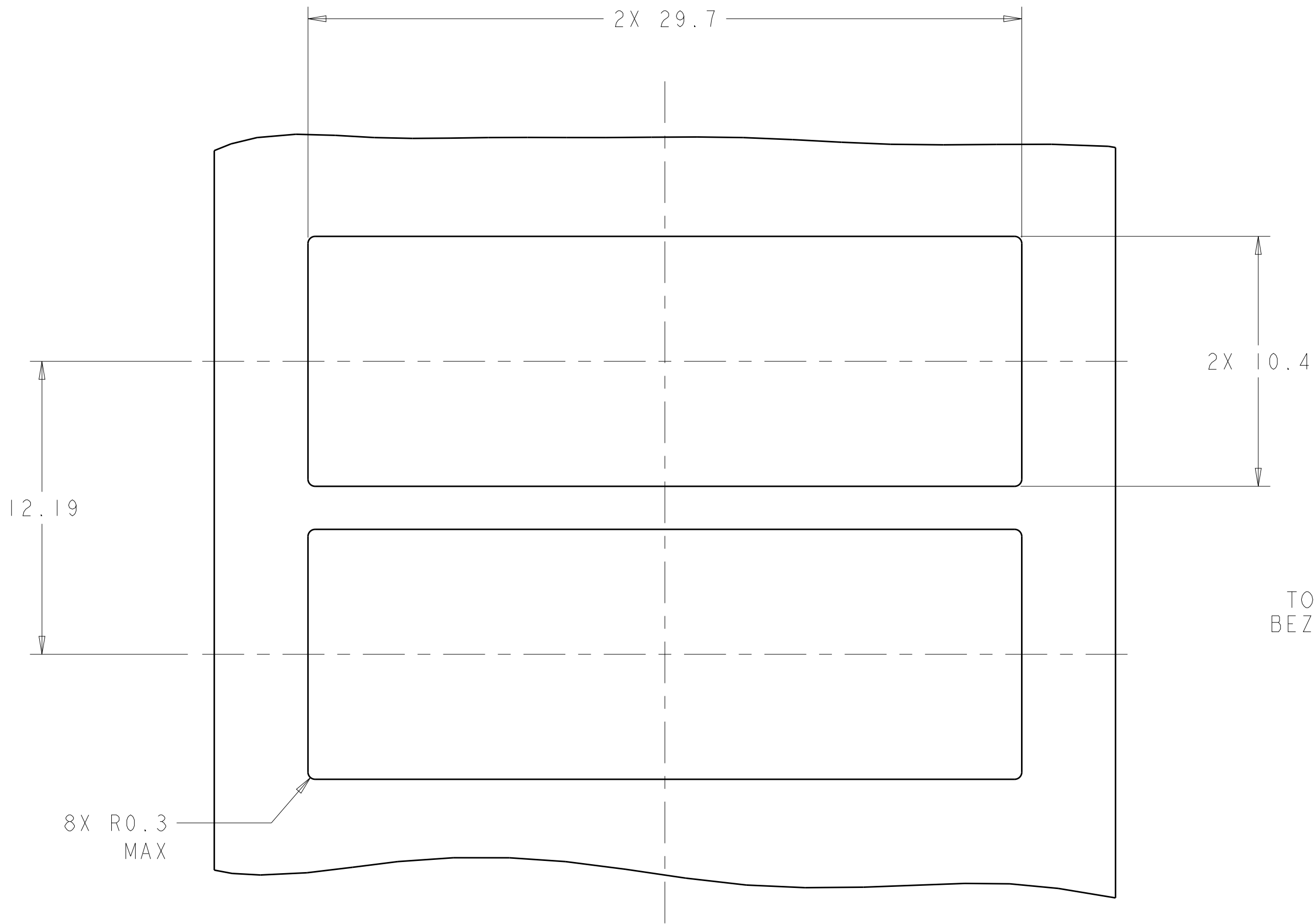


2198230-1
MOUNTED BELLY TO BELLY
SCALE 3:1

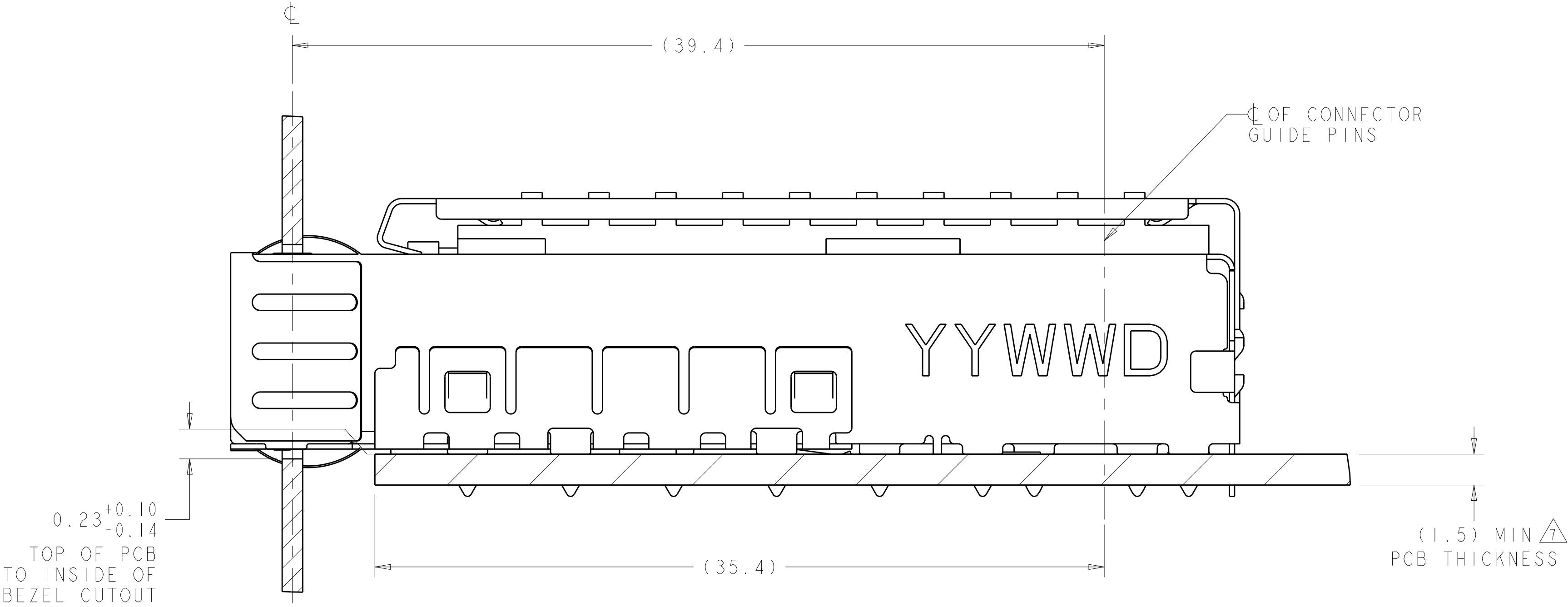
LOC		DIST		REVISIONS			
GP		00		P	LTR	DESCRIPTION	DATE
					-	SEE SHEET 1	-



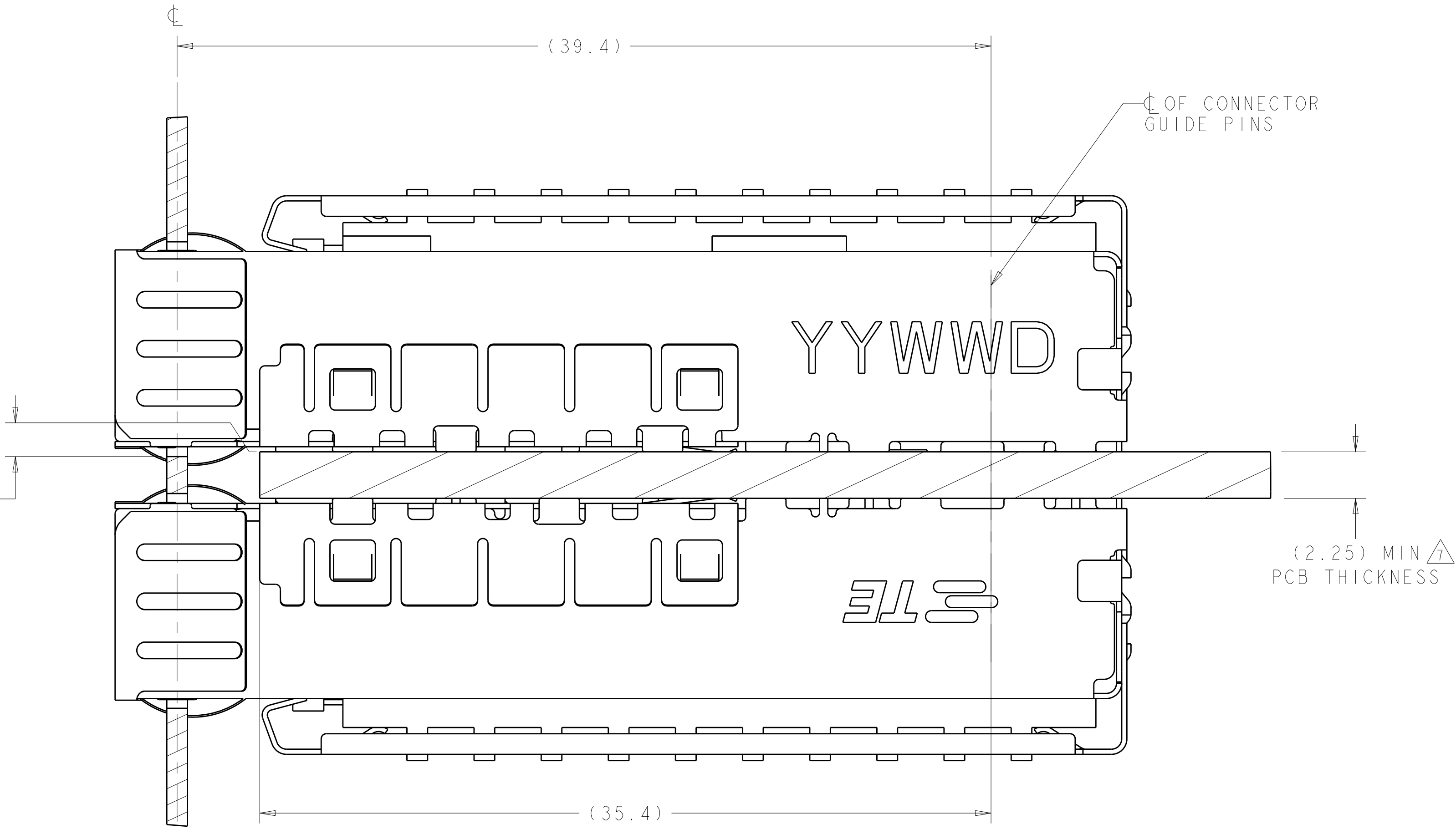
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 4:1



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

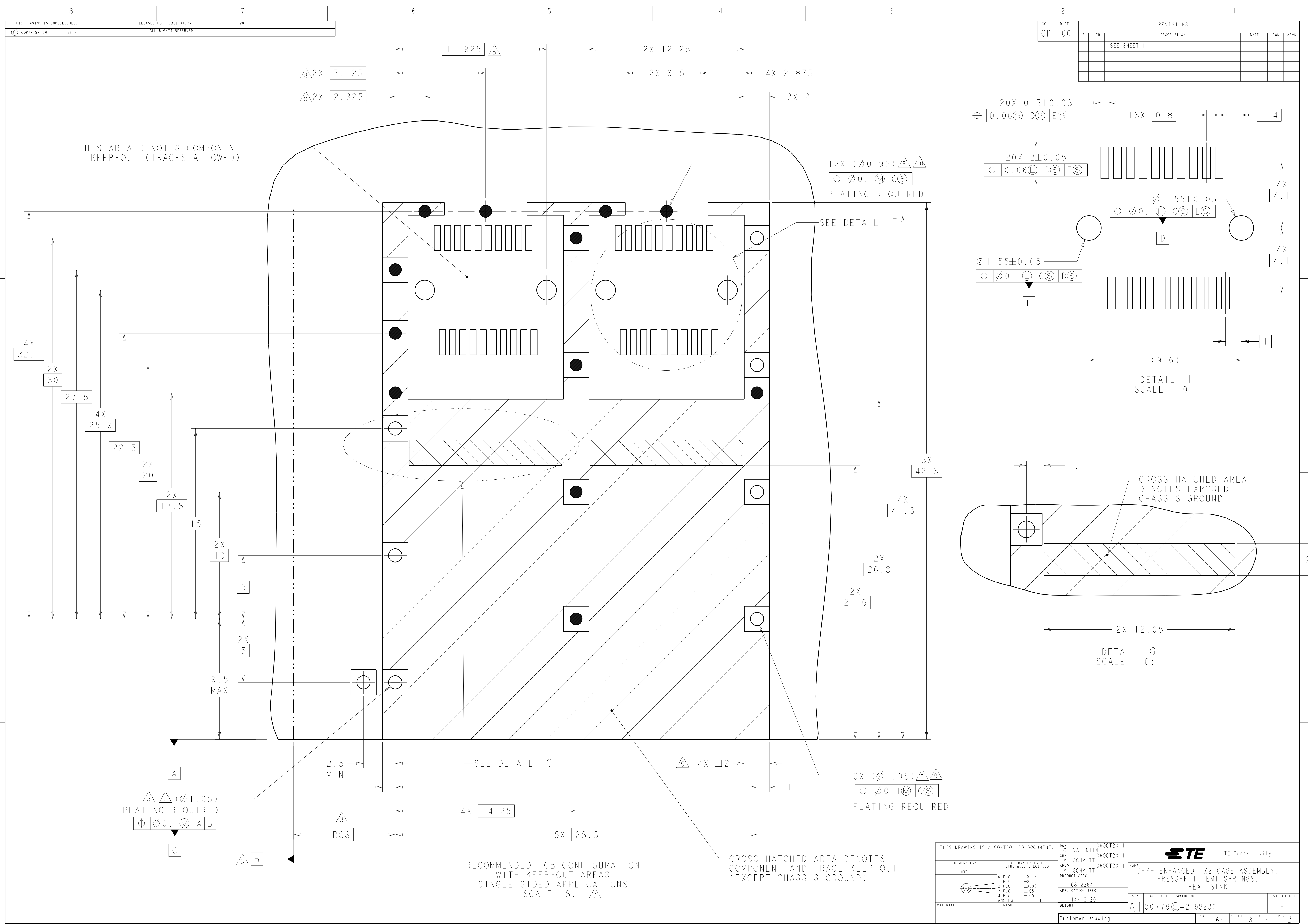


2198230-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

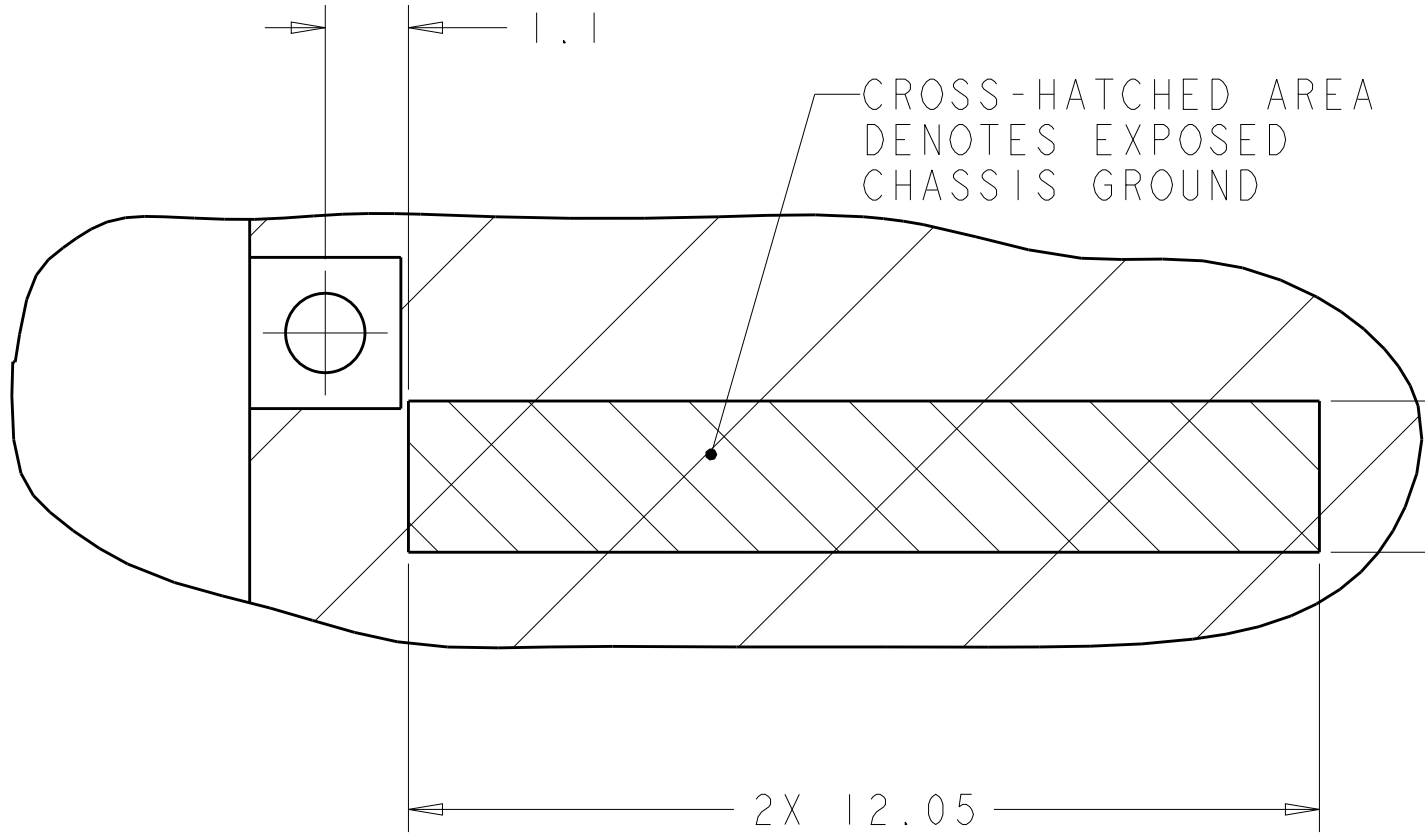
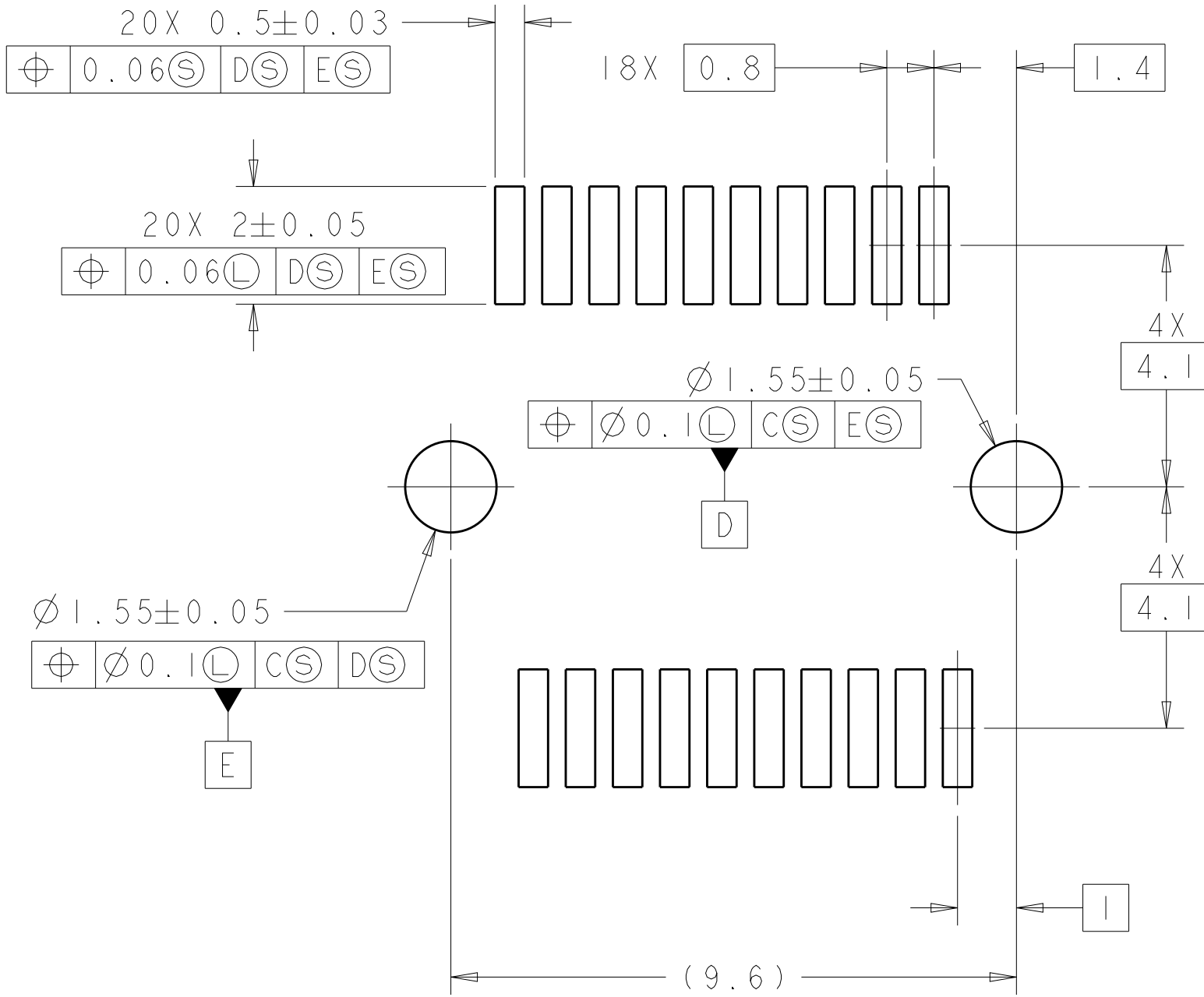


2198230-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE	06OCT2011	 TE Connectivity	
		CHK M. SCHMITT	06OCT2011		
DIMENSIONS:		APVD M. SCHMITT	06OCT2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A1	
		0 PLC ±0.13		CAGE CODE 100779	
		1 PLC ±0.1		DRAWING NO 2198230	
		2 PLC ±0.08		RESTRICTED TO	
		3 PLC ±0.05		SCALE 6:1	
		4 PLC ±0.05		SHEET 2 OF 4	
		ANGLES ±0.5		REV B	
		FINISH ±0.1			
MATERIAL		WEIGHT			
		Customer Drawing			



LOC		DIST		REVISES			
GP		00		P	LTR	DESCRIPTION	DATE
				-	-	SEE SHEET 1	-

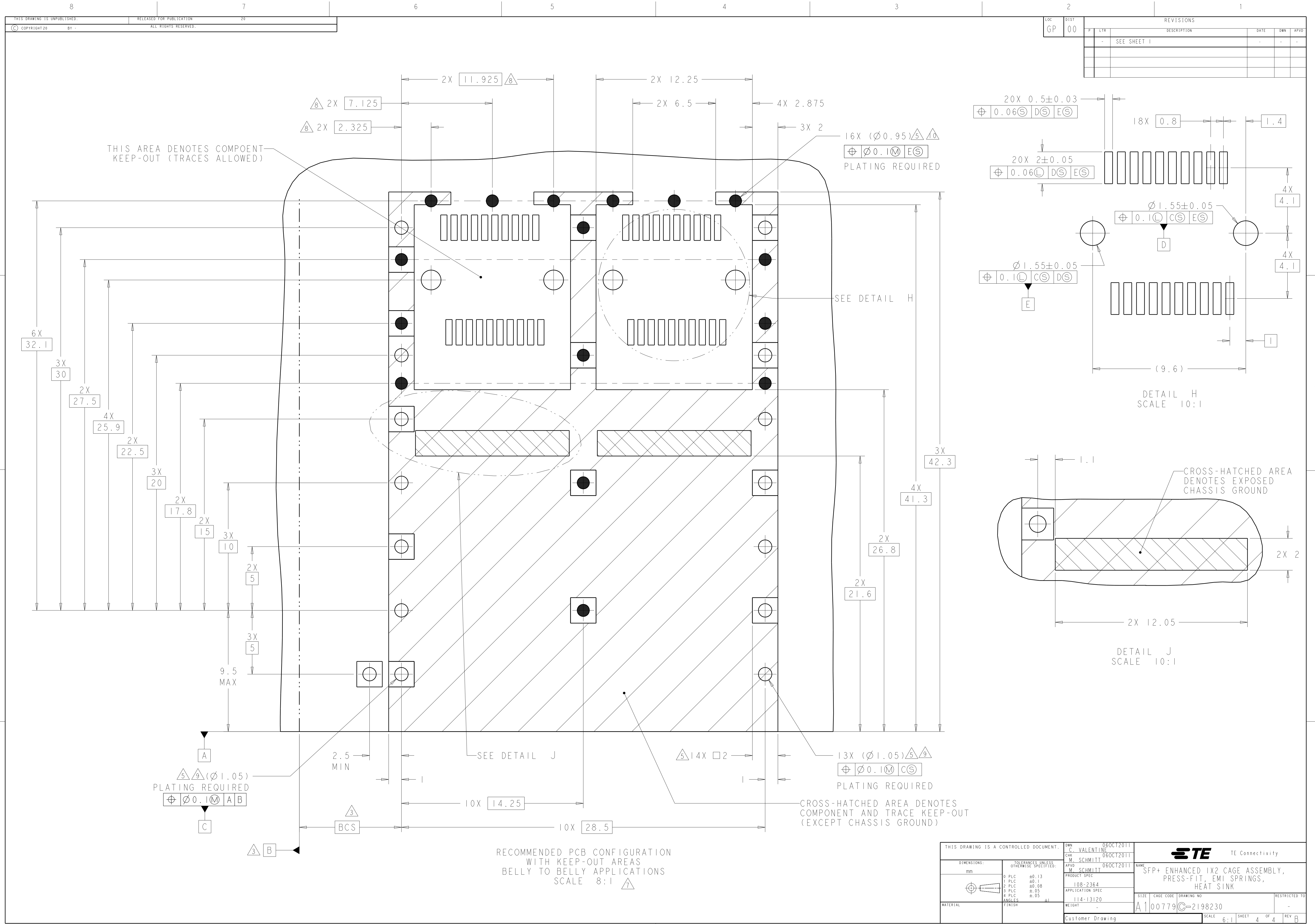


PLATING REQUIRED
Ø 0.105
A B

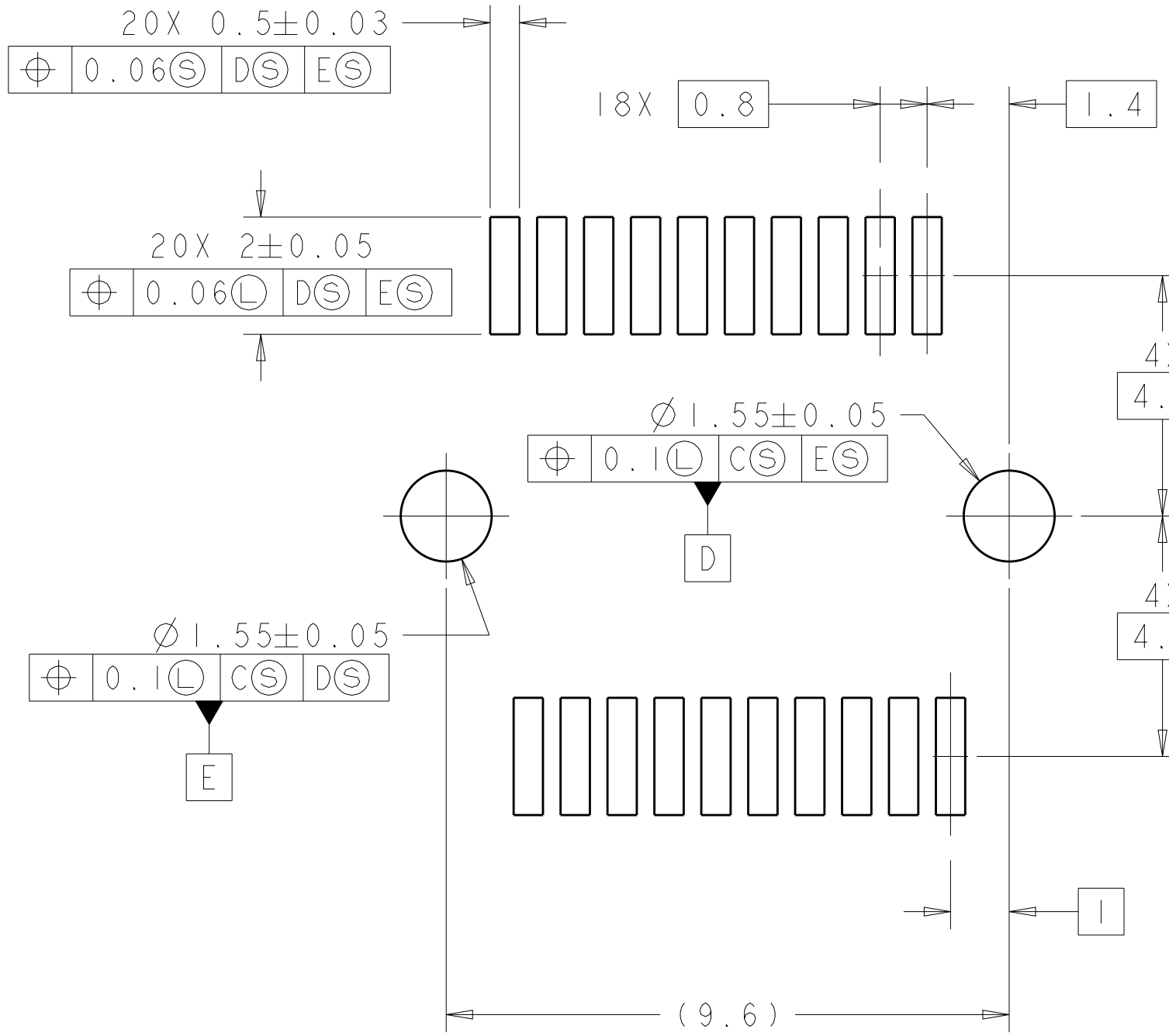
RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 8:1

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

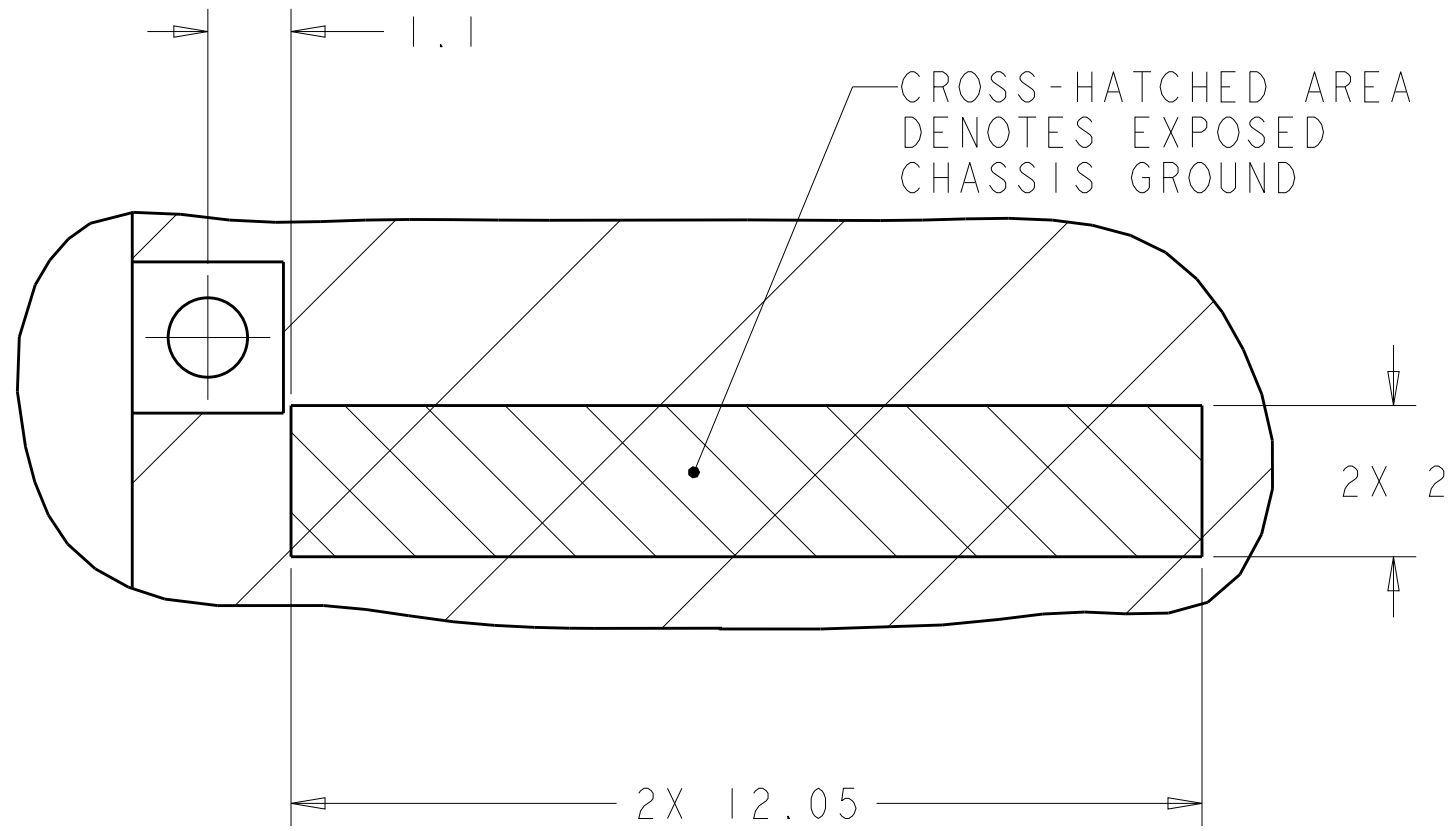
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN C. VALENTINE CHK M. SCHMITT APVD M. SCHMITT	06OCT2011 06OCT2011 06OCT2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A100779	
0 PLC ±0.13 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±1		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		DRAWING NO C=2198230	
MATERIAL		FINISH		RESTRICTED TO -	
		WEIGHT		SCALE 6:1	
		Customer Drawing		SHEET 3 OF 4	
				REV B	



LOC		DIST		REV		DATE		DWN		APVD	
GP		00									



DETAIL H
SCALE 10:1



DETAIL J
SCALE 10:1

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 06OCT2011		CHK M. SCHMITT 06OCT2011		APVD M. SCHMITT 06OCT2011		NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
mm		0 PLC ±0.13		108-2364		114-13120		RESTRICTED TO	
		1 PLC ±0.1		114-13120		114-13120		A100779C=2198230	
		2 PLC ±0.08		114-13120		114-13120		Customer Drawing	
		3 PLC ±0.05		114-13120		114-13120		SCALE 6:1	
		4 PLC ±0.05		114-13120		114-13120		SHEET 4 OF 4	
		ANGLES FINISH		114-13120		114-13120		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

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