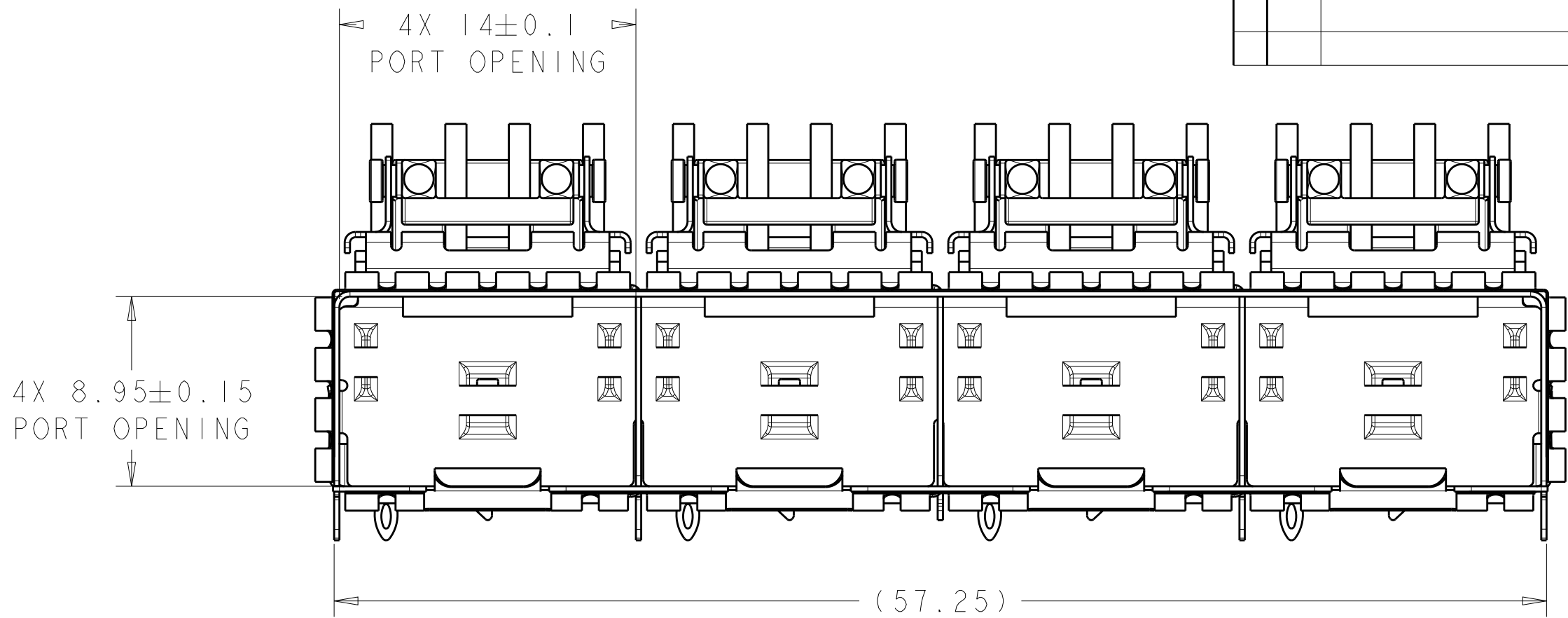
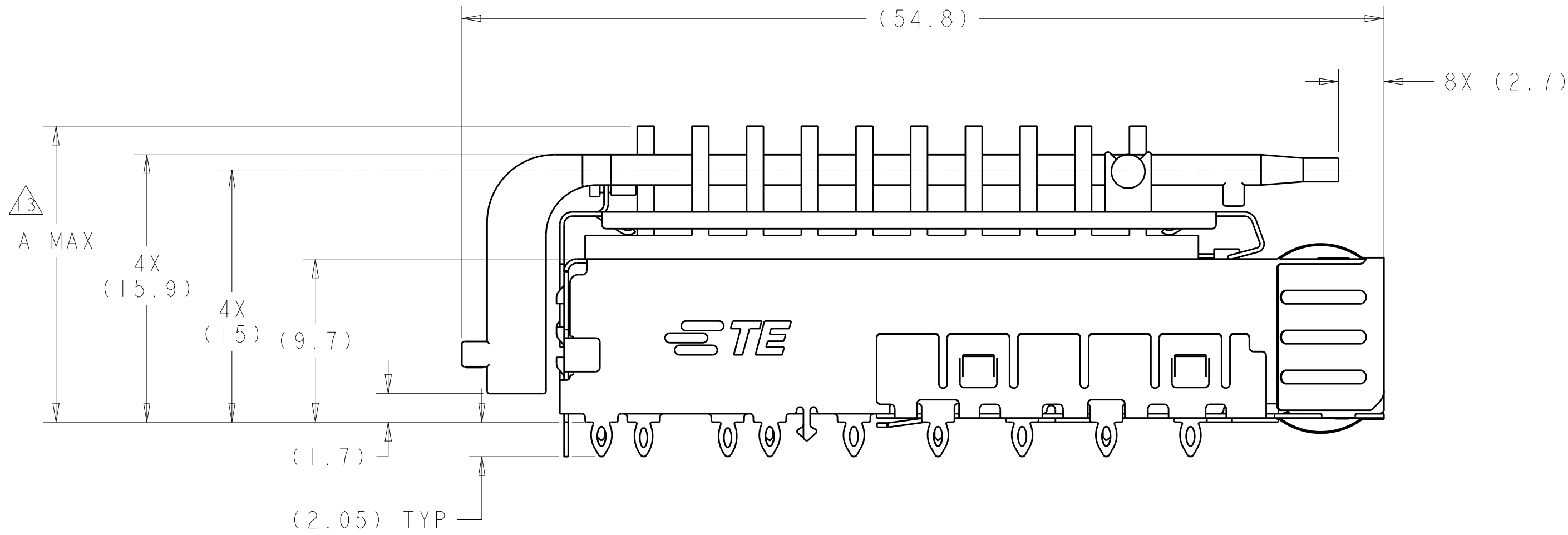
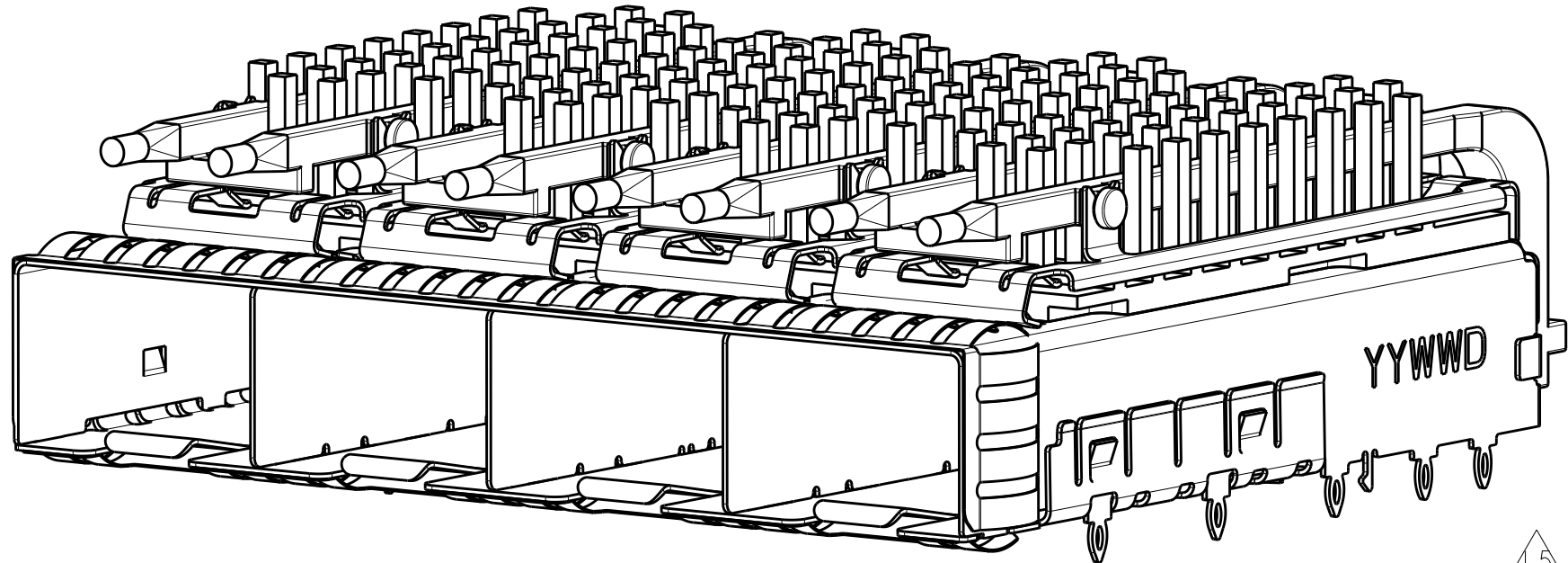


LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
	I	ORIGINAL		15NOV2011	BMM	MRS	



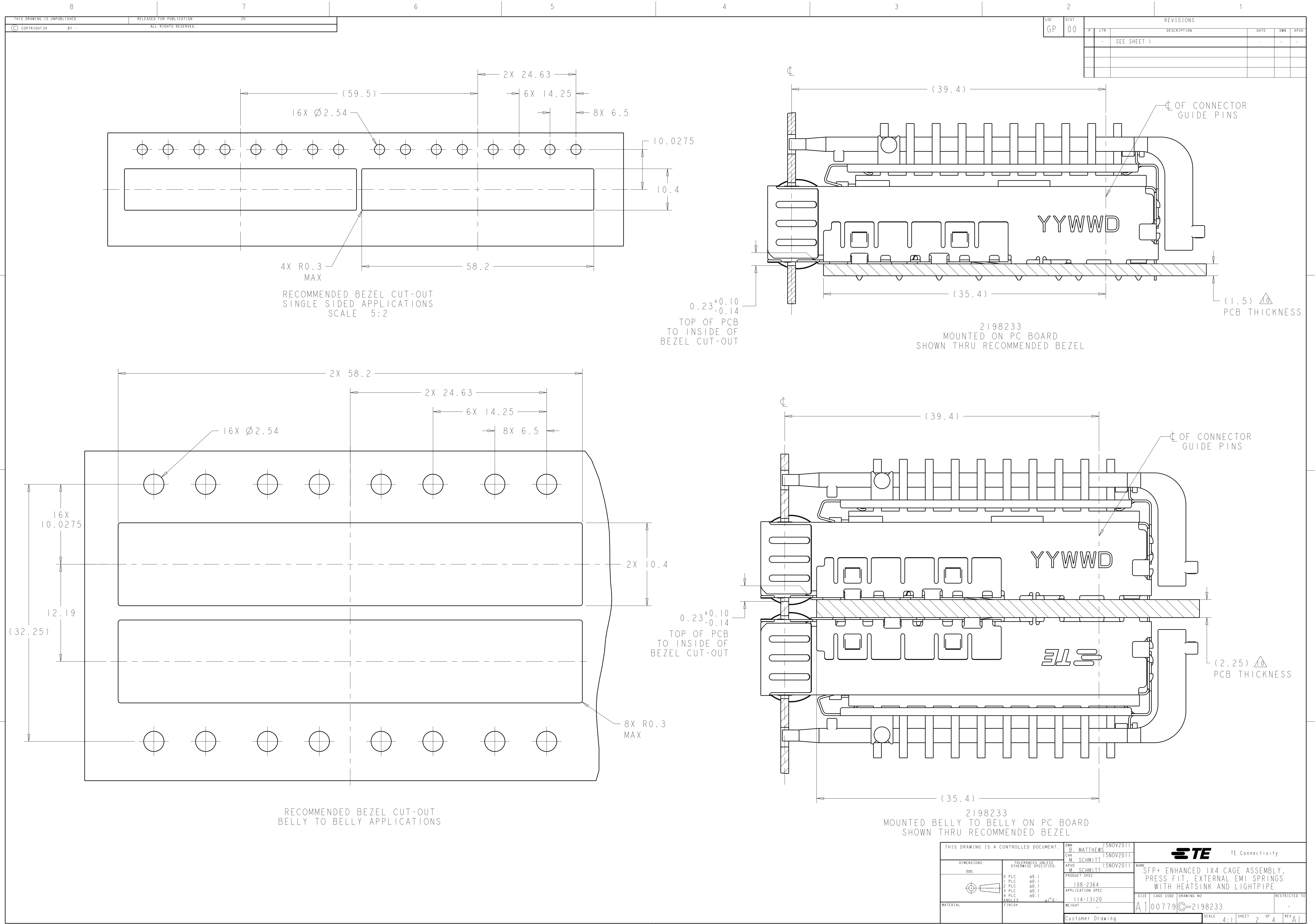
- 1 MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL
LIGHTPIPE: POLYCARBONATE, CLEAR
HEATSINK: ALUMINUM
- 2 FINISH:
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK/LIGHTPIPE CLIP: PASSIVATE.
HEATSINK: ELECTROLESS NICKEL.
- 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 FORM FACTOR FOR SFP+ GANGED CAGES.
- 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE
- 14 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.
- 15 PACKAGED AS A COMPLETE ASSEMBLY.



2198233
FINISHED ASSEMBLY
SCALE 3:1

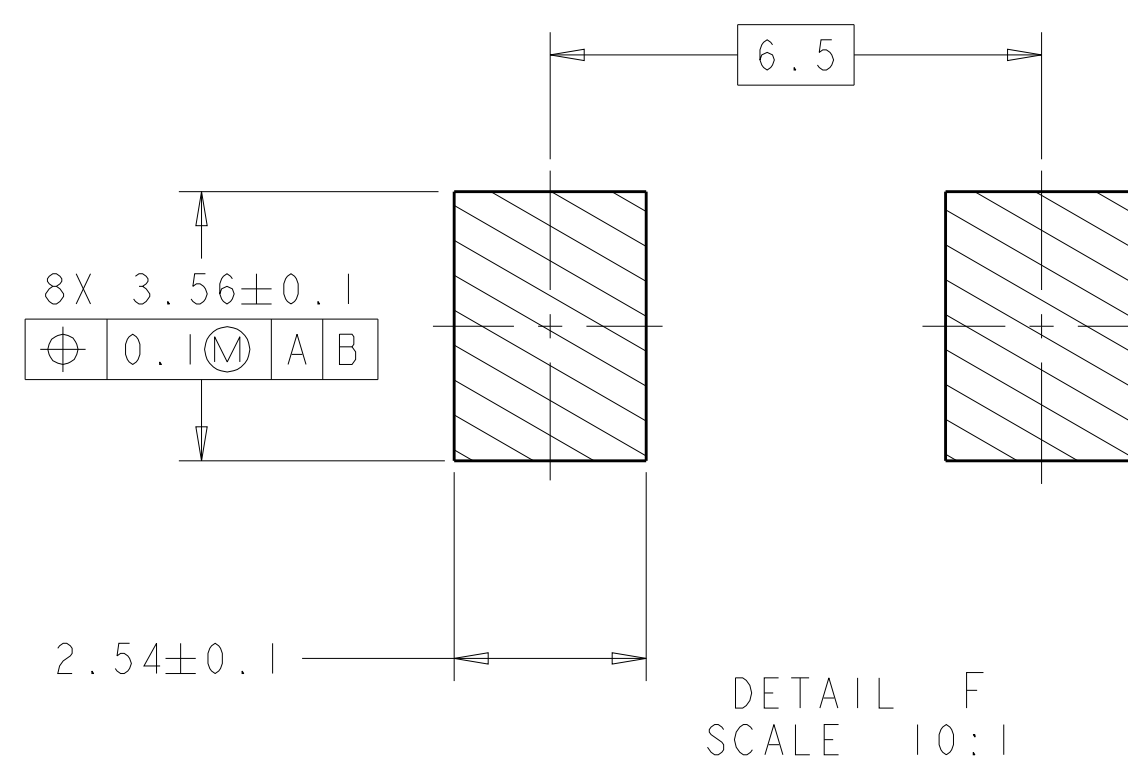
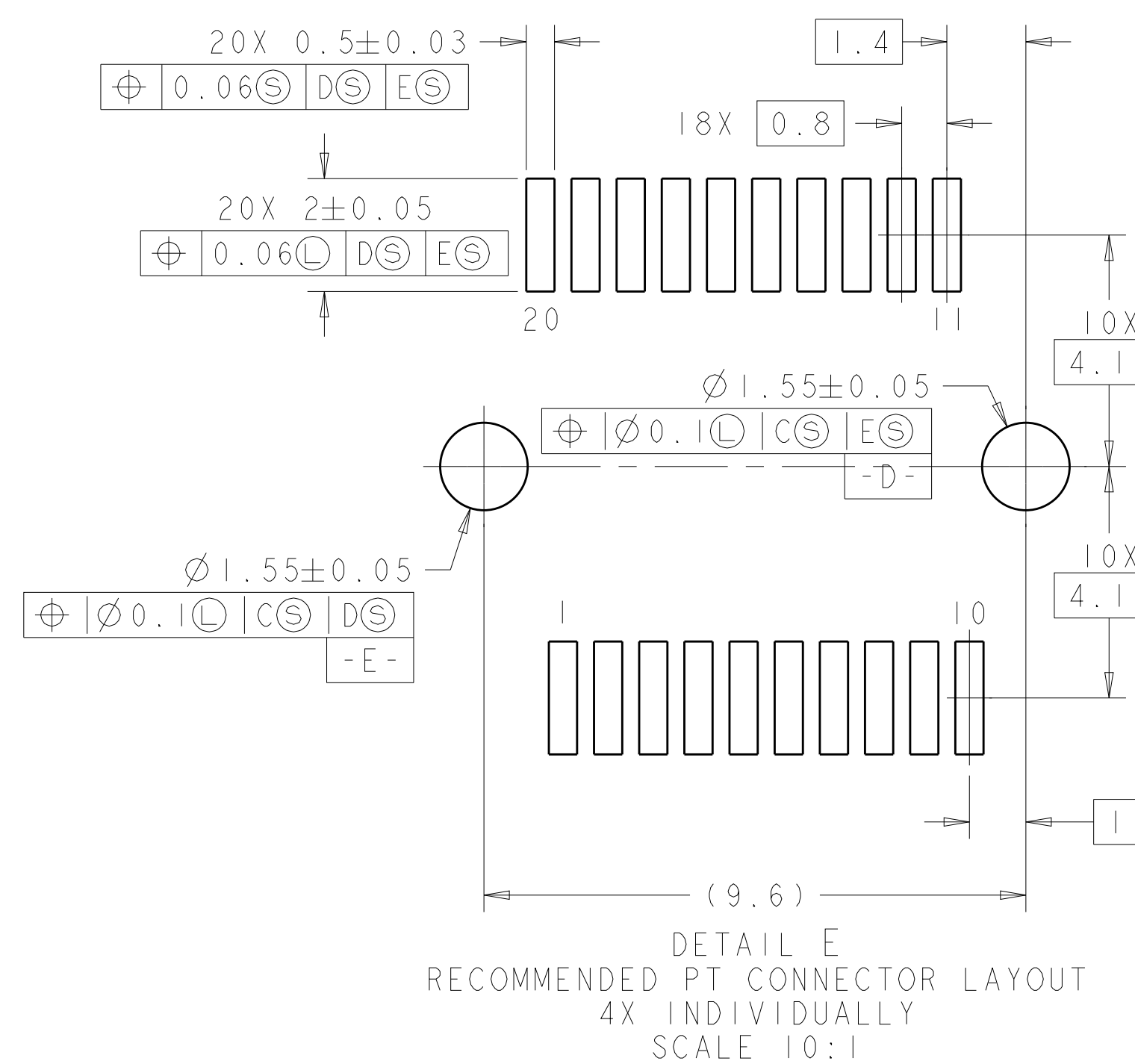
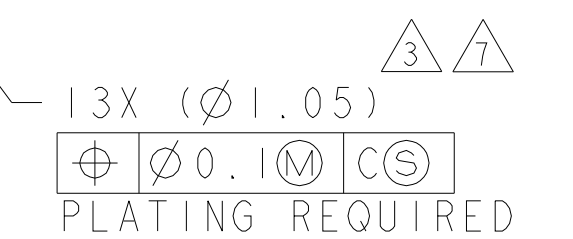
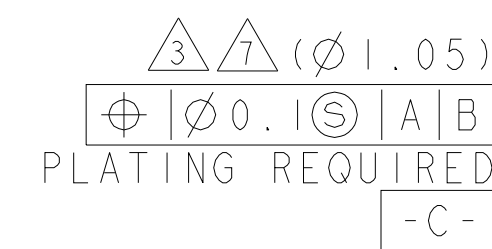
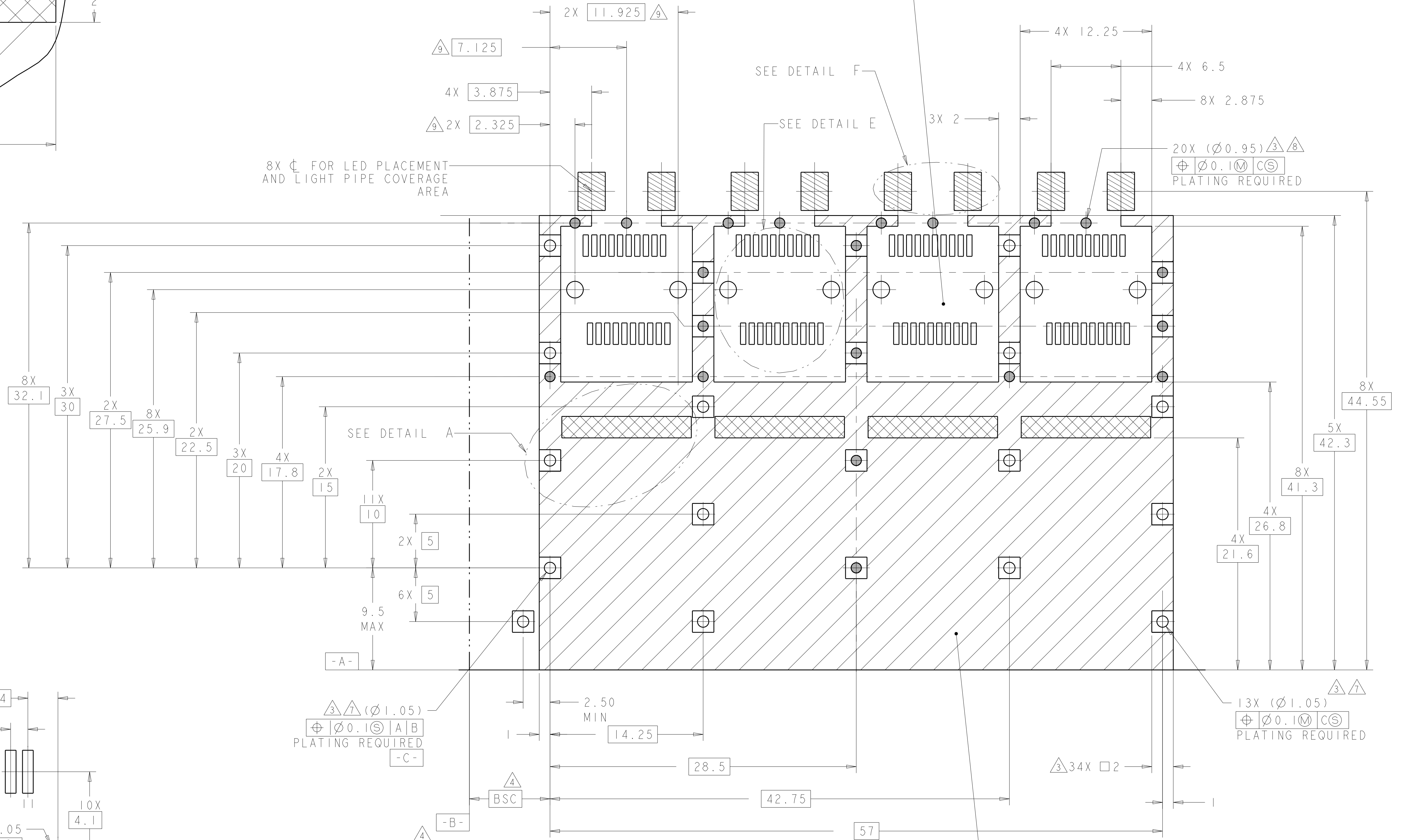
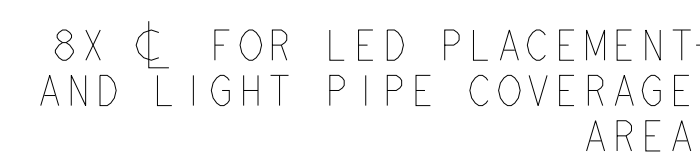
22.5	NETWORKING, TALL	2198233-4
18.1	NETWORKING, SHORT	2198233-3
15.5	SAN	2198233-2
13.2	PCI	2198233-1
A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK M. SCHMITT APVD W. SCHMITT	5NOV2011 15NOV2011 15NOV2011	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
MATERIAL		FINISH		SIZE CAGE CODE DRAWING NO	
				A100779C=2198233	
				RESTRICTED TO	
				Customer Drawing	
				SCALE 4:1 SHEET 1 OF 4 REV A1	



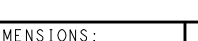
LOC		DIST		REVISONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

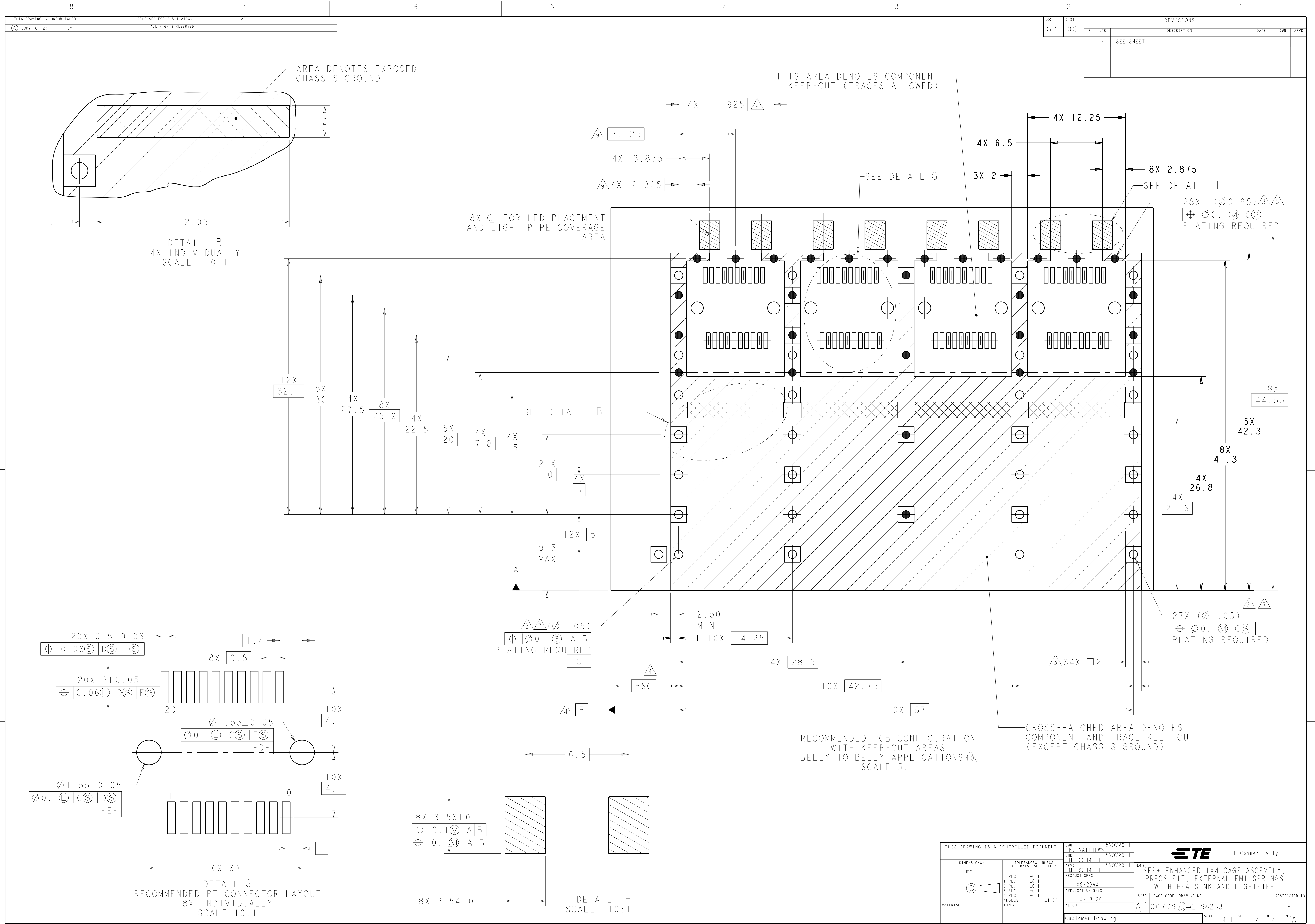
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	B. MATTHEWS	15NOV2011	 TE Connectivity													
				CHK	M. SCHMITT	15NOV2011														
				APVD	M. SCHMITT	15NOV2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE													
				PRODUCT SPEC																
				108-2364																
				APPLICATION SPEC																
				114-13120																
				WEIGHT																
				FINISH																
				Customer Drawing																
				SCALE							4:1		SHEET		2		OF		4	



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS 
SCALE 5:1

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

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 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE			
MATERIAL FINISH		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO			
		108-2364					
		APPLICATION SPEC					
		114-13120		A1 00779 ©=2198233			
		WEIGHT		-			
Customer Drawing				SCALE A:1 SHEET 3 OF 4 REV A			



LOC		DIST		REVISONS			
GP		00		REV	DESCRIPTION	DATE	APVD
				-	SEE SHEET 1	-	-

DETAIL B
4X INDIVIDUALLY
SCALE 10:1

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

DETAIL H
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

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 $\pm 1^{\circ}$

MATERIAL

FINISH

OWN
B. MATTHEWS
CHK
M. SCHMITT
APVD
W. SCHMITT

15NOV2011
15NOV2011
15NOV2011

PRODUCT SPEC
108-2364
APPLICATION SPEC
114-13120

WEIGHT
-

Customer Drawing

NAME
SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS, WITH HEATSINK AND LIGHTPIPE

SIZE
A1

CAGE CODE
00779

DRAWING NO.
C=2198233

RESTRICTED TO
-

SCALE
4:1

SHEET
4

OF
4

REV
A1



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

Электронная почта: org@eplast1.ru

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