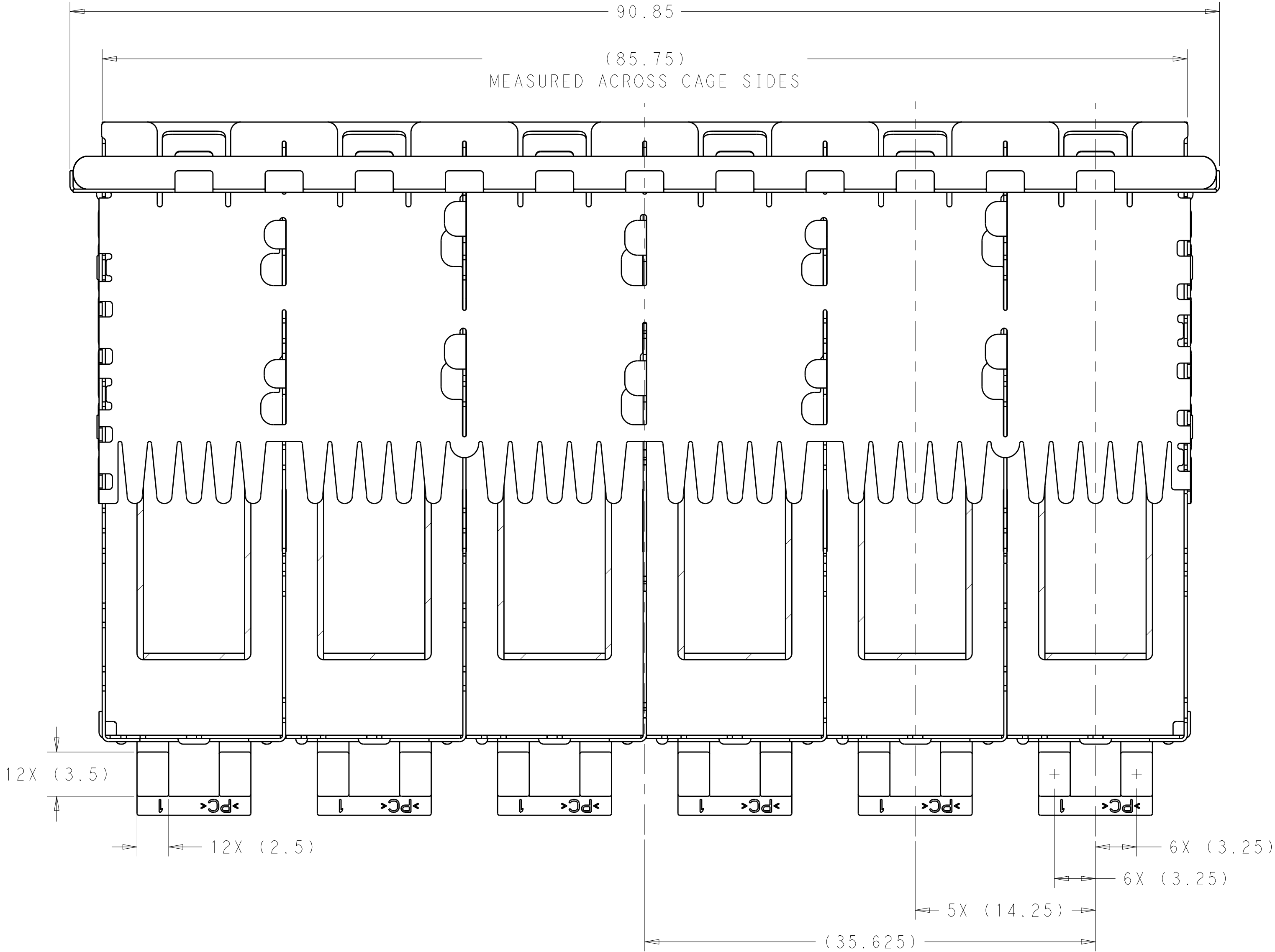
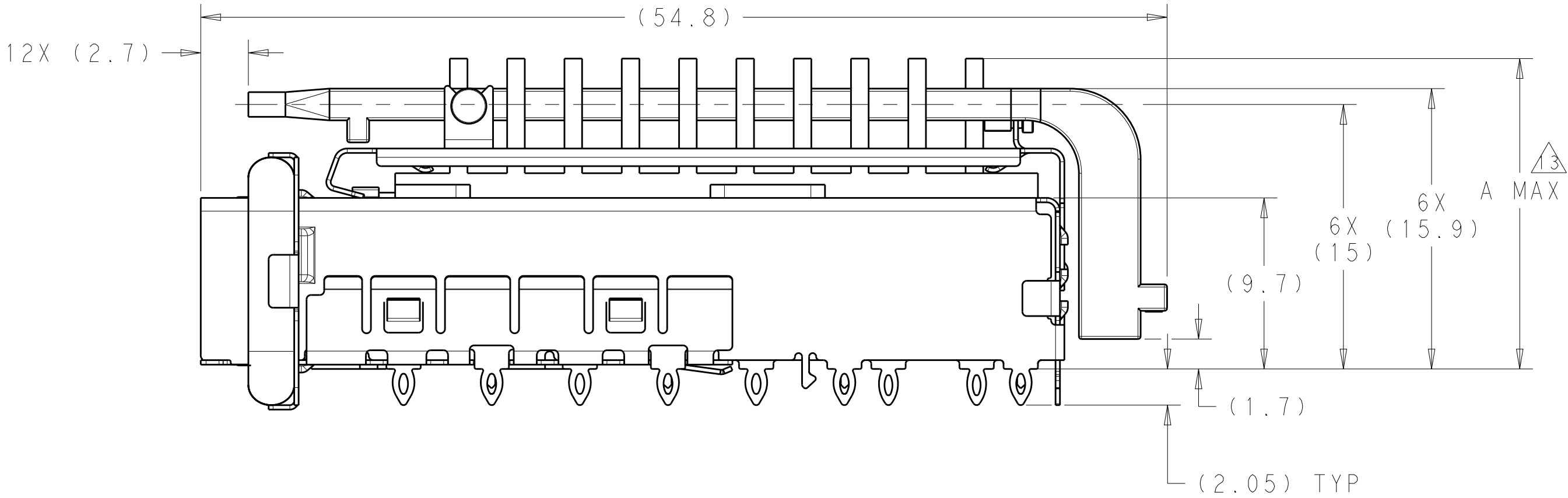
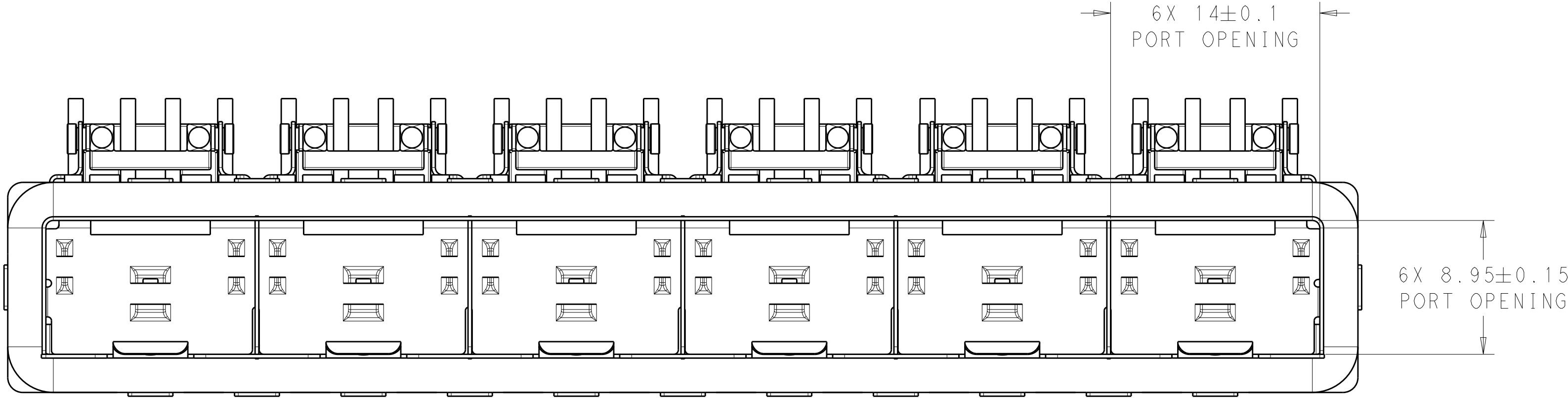
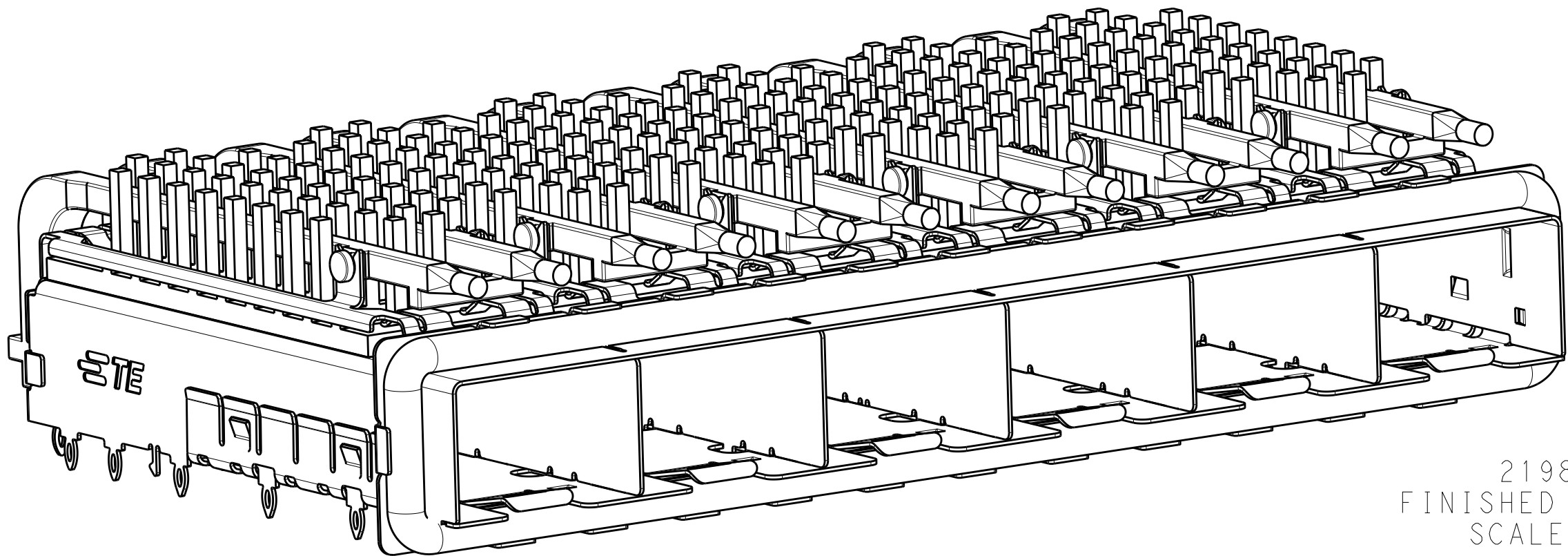


LOC		DIST		REVISONS			
GP		P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO-12-013192	06SEP2012	BMM	MRS



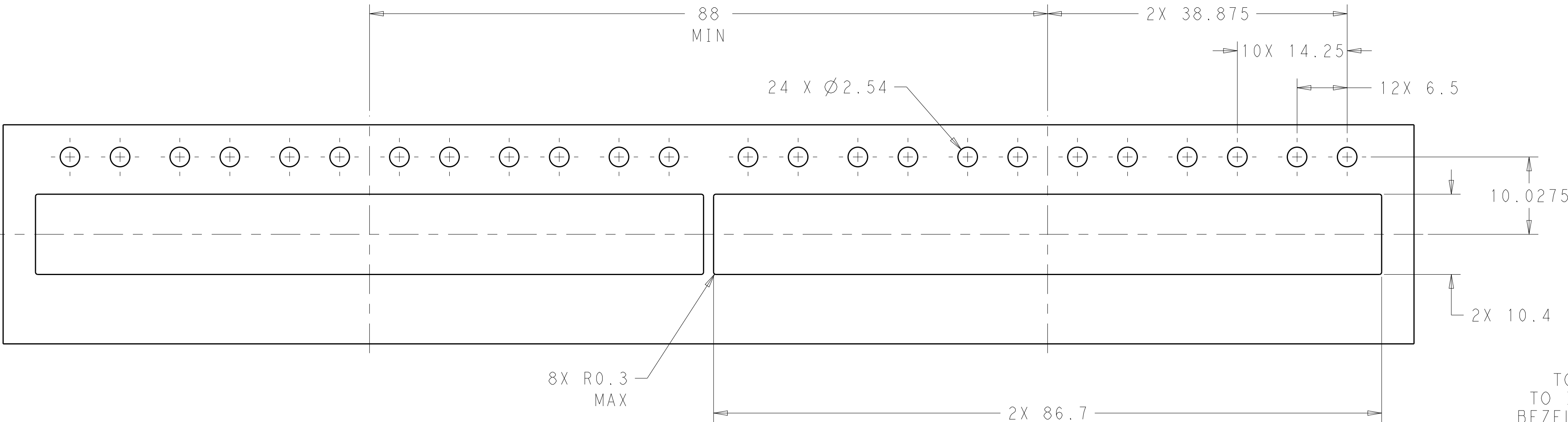
- 1 MATERIAL:
CAGE ASSEMBLY: NICKEL SILVER ALLOY, 0.25mm THICK.
GASKET RETENTION PLATE: STAINLESS STEEL
EMI GASKET: PLATED FILLED SILICONE
HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
LIGHTPIPE: POLYCARBONATE, CLEAR
- 2 FINISH:
HEATSINK: ELECTROLESS NICKEL
HEATSINK/LIGHTPIPE CLIP: PASSIVATE
- 3 PADS AND VIAS CHASSIS GROUND.
4. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 6 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
- 7 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 10 MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
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.
- 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.



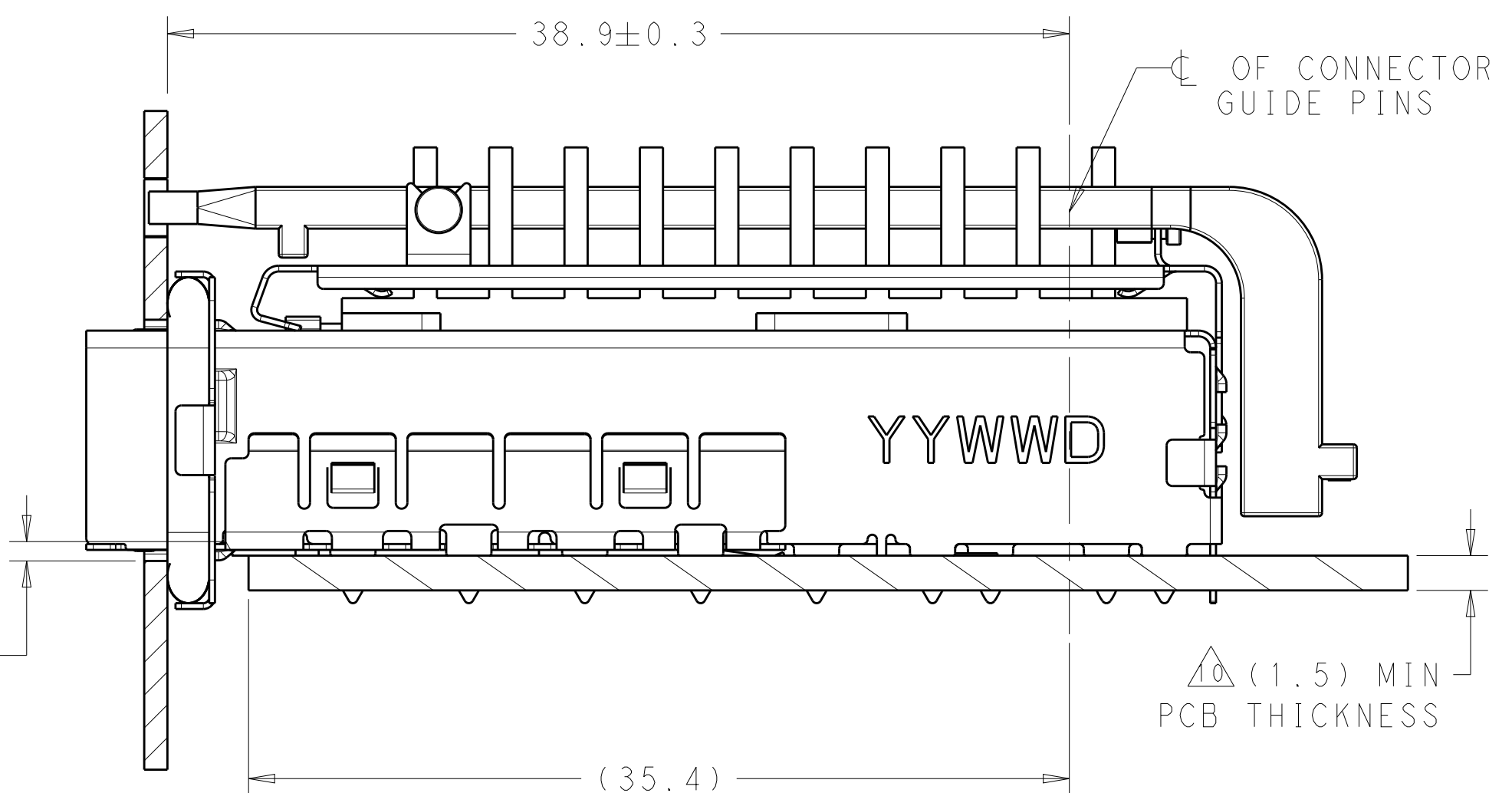
2198228
FINISHED ASSEMBLY
SCALE 3:1

22.5	NETWORKING, TALL	2198228-4
18.1	NETWORKING, SHORT	2198228-3
15.5	SAN	2198228-2
13.2	PCI	2198228-1
A MAX	APPLICATION	PART NUMBER

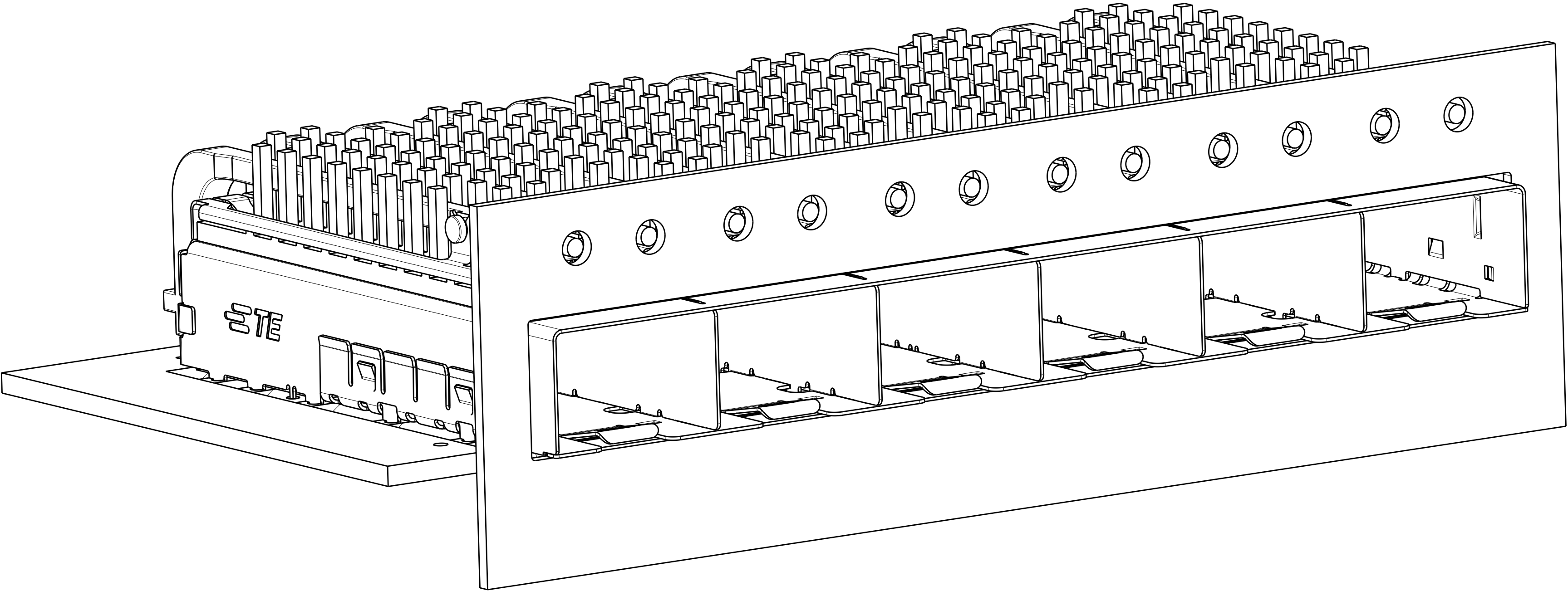
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK M. SCHMITT APVD W. SCHMITT	26OCT2011 26OCT2011 26OCT2011	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
		0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		PRODUCT SPEC 108-2364	
MATERIAL		FINISH		APPLICATION SPEC 114-13120	
				WEIGHT	
CUSTOMER DRAWING		SIZE A1		CAGE CODE 00779	
				DRAWING NO. 2198228	
				RESTRICTED TO	
				SCALE 4:1	
				SHEET 1 OF 3	
				REV A	



RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 5:2

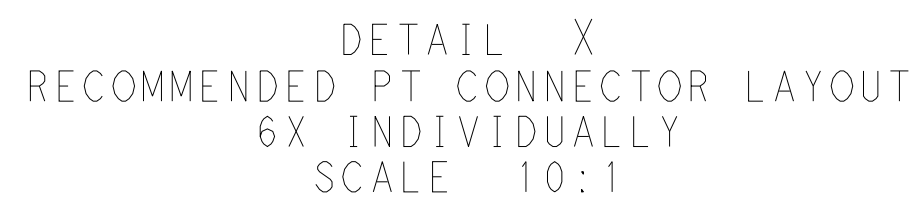
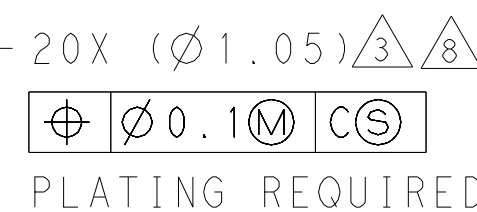


2198228
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



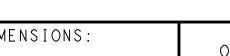
2198228
MOUNTED ON PCB
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK M. SCHMITT APVD M. SCHMITT	26OCT2011 26OCT2011 26OCT2011	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° FINISH		SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
MATERIAL		114-13120		SIZE	
1		2		A100779C=2198228	
CUSTOMER DRAWING		WEIGHT		RESTRICTED TO	
				SCALE 4:1 SHEET 2 OF 3 REV A	



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 4:1

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 260C27011 B. MATTHEWS CRK 260C27011 M. SCHMITT APVD 260C27011		 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 30°		NAME SFP+ ENHANCED 1X6 GAGE ASSEMBLY, PRESS FIT, EM1 GASKET WITH HEATSINK AND LIGHTPIPE	
MATERIAL 		FINISH 		WEIGHT -	
CUSTOMER DRAWING		SIZE A1		CAGE CODE 100779	
		DRAWING NO C2198228		RESTRICTED TO -	
		SCALE 4:1		SHEET 3 OF 3	
				REV A	