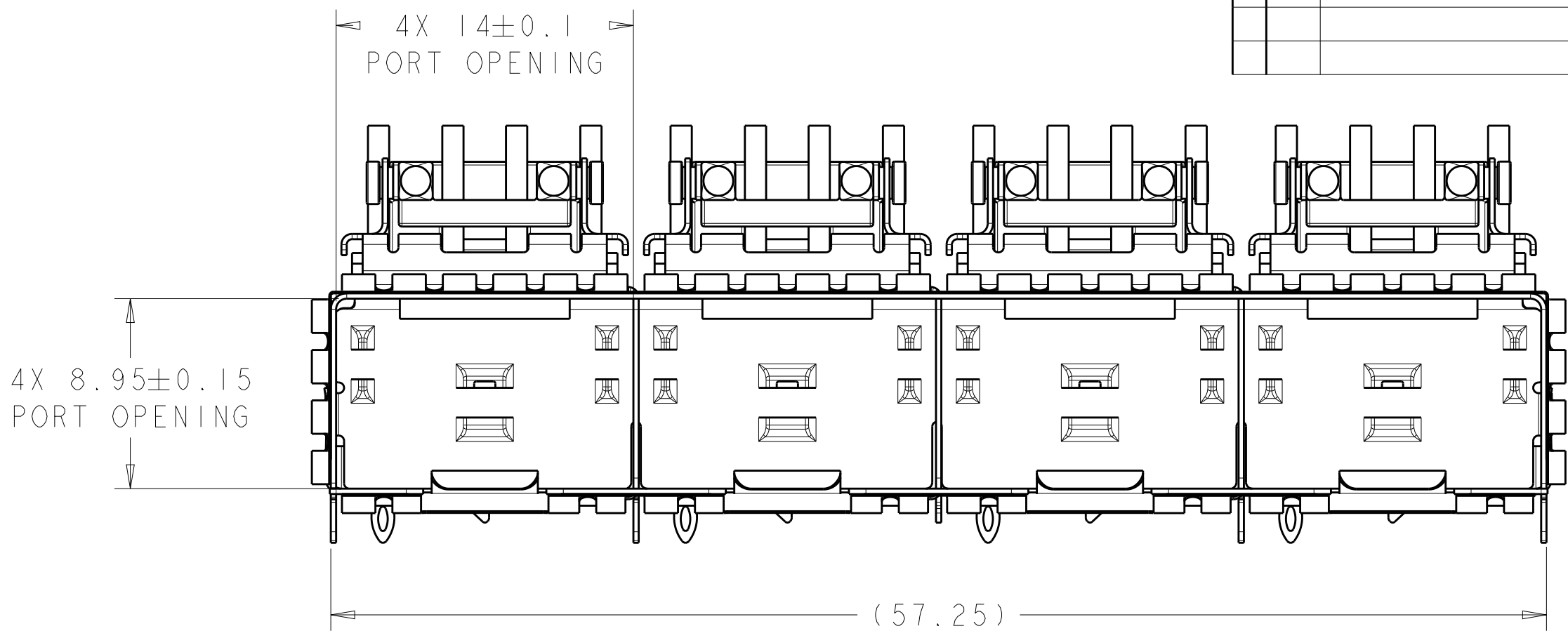
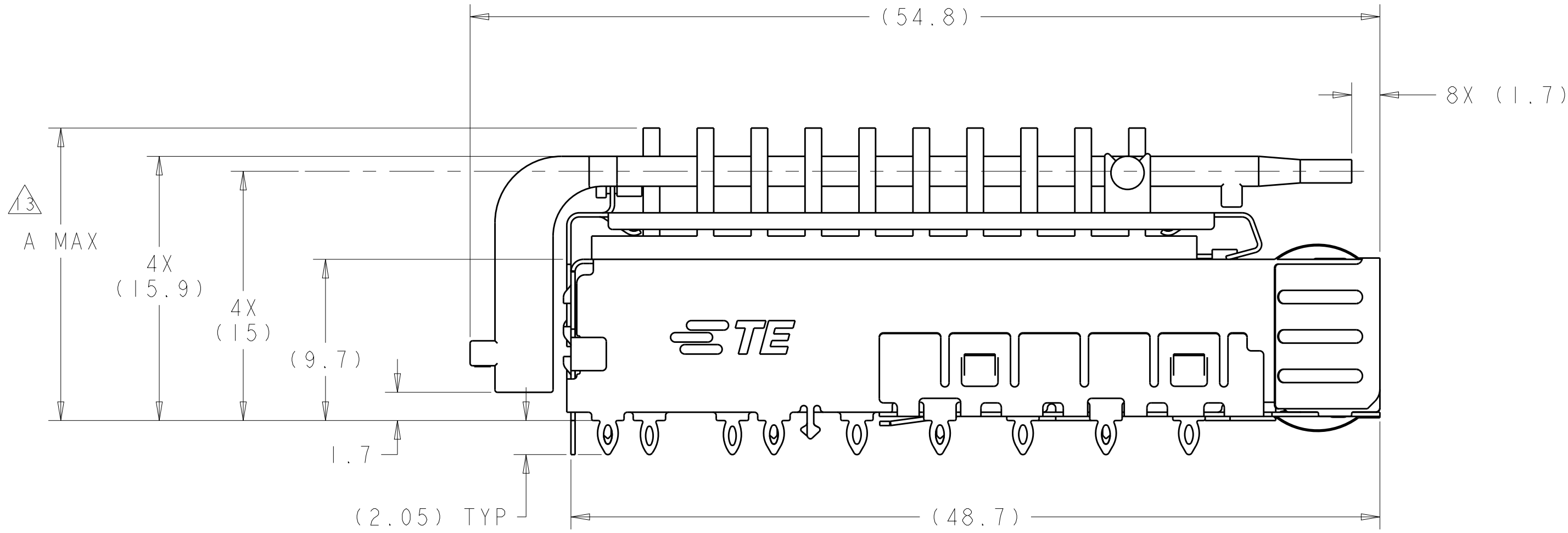
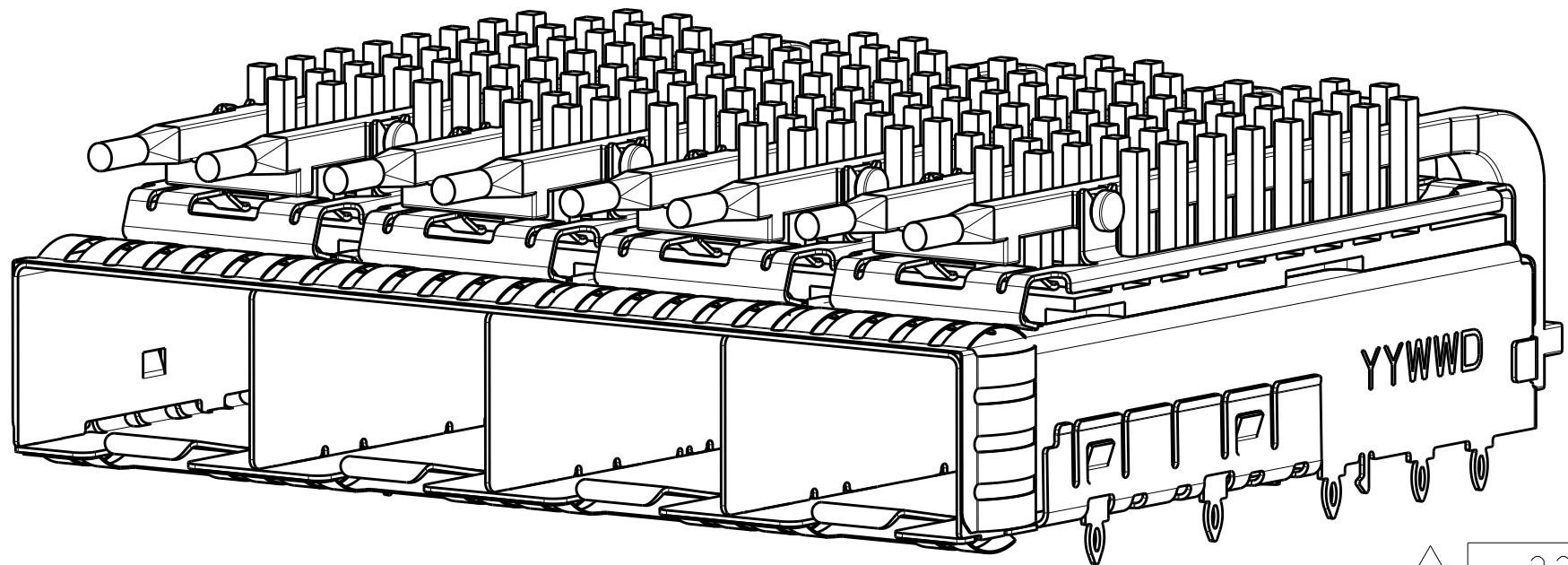


LOC		DIST		REVISONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO-12-013192	18OCT2012	BMM	MRS



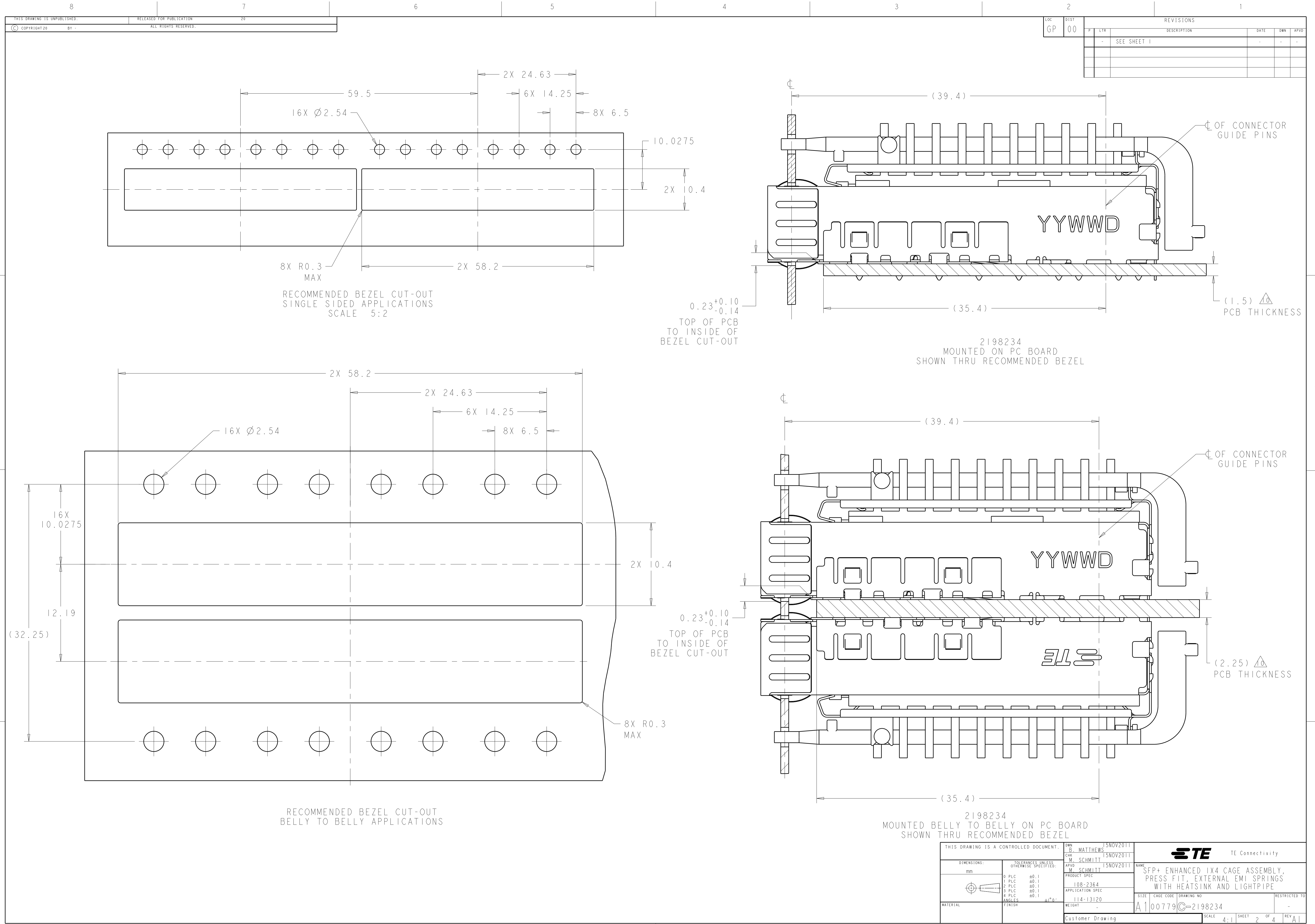
1. MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL
LIGHT PIPE: POLYCARBONATE, CLEAR
HEATSINK: ALUMINUM
2. FINISH:
SPRINGS: MINIMUM OF 0.8µm TIN PLATE OVER A MINIMUM OF 0.8µm NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK/LIGHTPIPE 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
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.

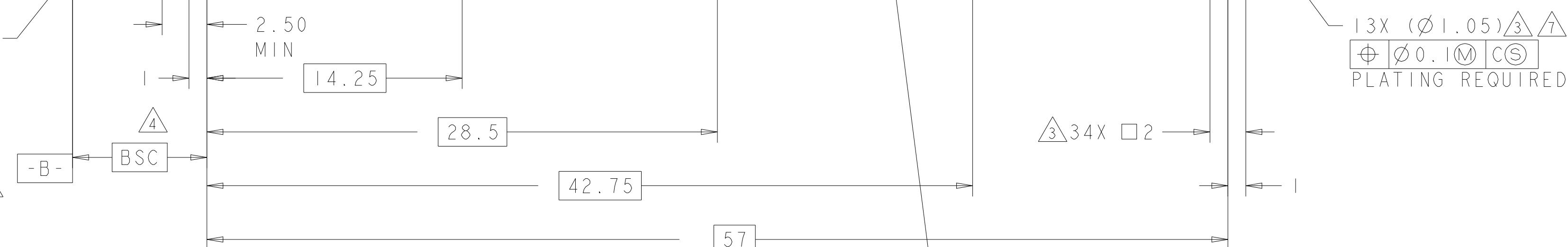
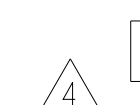
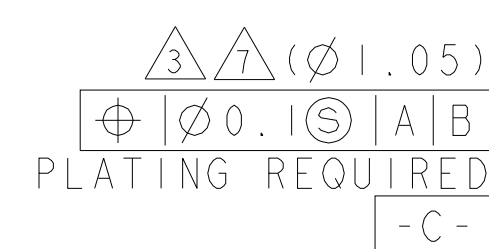
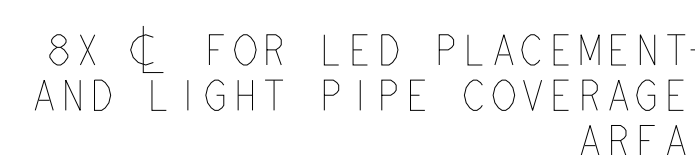


2198234
FINISHED ASSEMBLY
SCALE 3:1

22.5	NETWORKING, TALL	2198234-4
18.1	NETWORKING, SHORT	2198234-3
15.5	SAN	2198234-2
13.2	PCI	2198234-1
A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK M. SCHMITT APVD M. 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°		PRODUCT SPEC	
				108-2364	
				APPLICATION SPEC	
				114-13120	
MATERIAL		FINISH		WEIGHT	
				-	
				Customer Drawing	
				SIZE CAGE CODE DRAWING NO	
				A100779C=2198234	
				RESTRICTED TO	
				-	
				SCALE 4:1 SHEET 1 OF 4 REV A1	





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			
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120 WEIGHT -		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
ANGLES FINISH				A1	00779	©2198234	-
MATERIAL		Customer Drawing		SCALE	A:1	SHEET 3 OF 4	REV A

