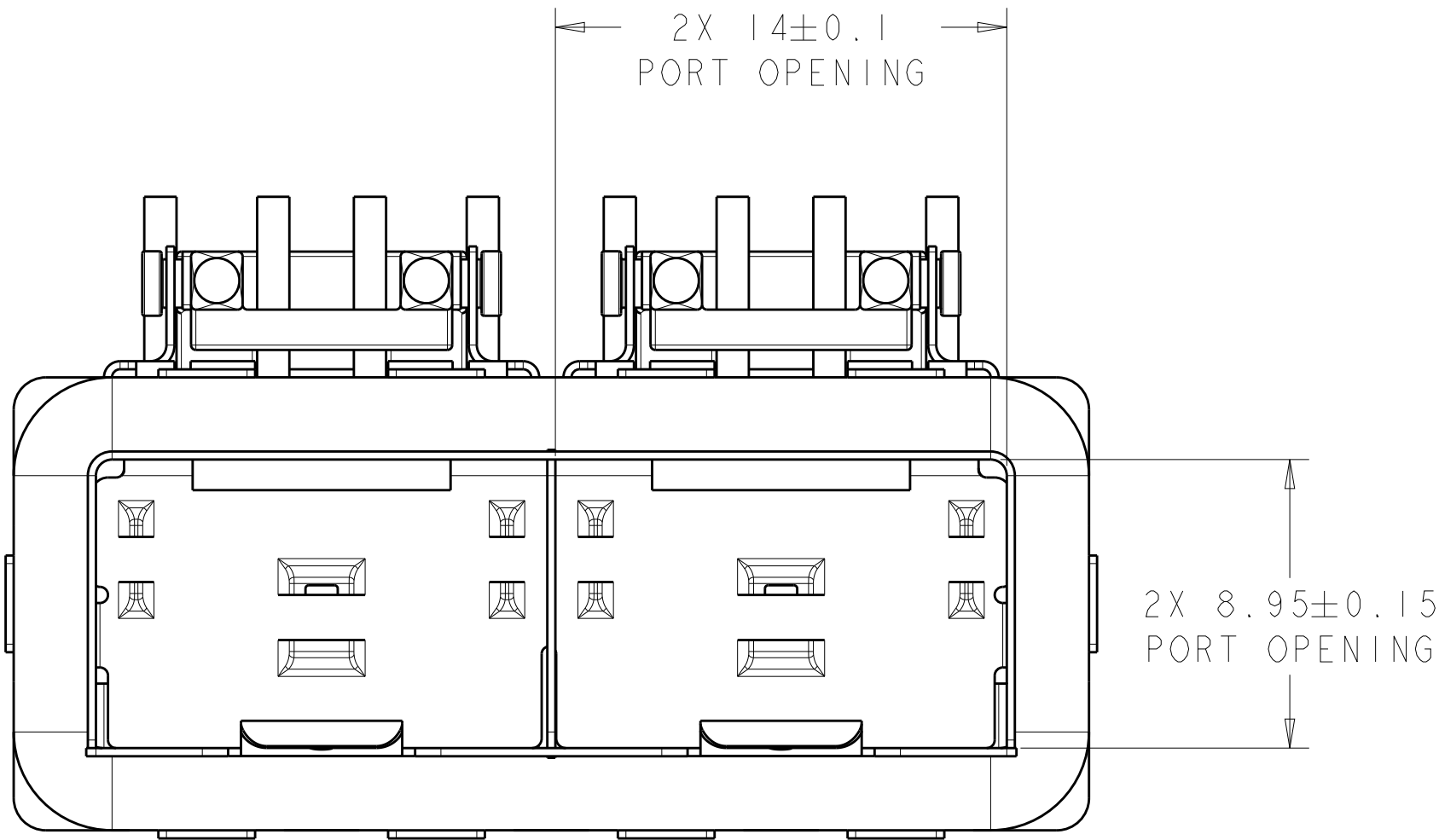
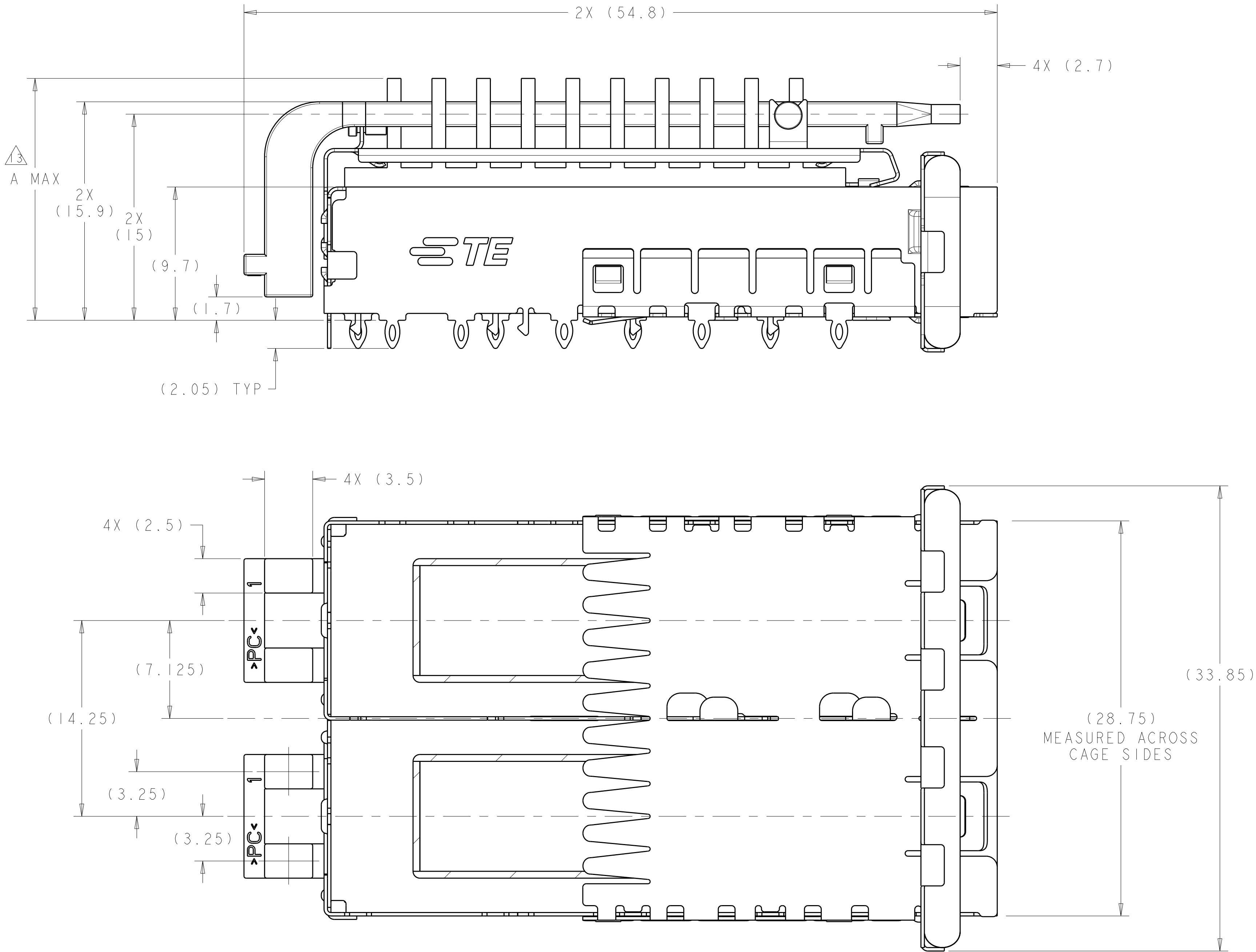


2198225  
FINISHED ASSEMBLY  
SCALE 4:1

- 1 MATERIAL:  
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY  
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 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4 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 HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25mm.
- 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.

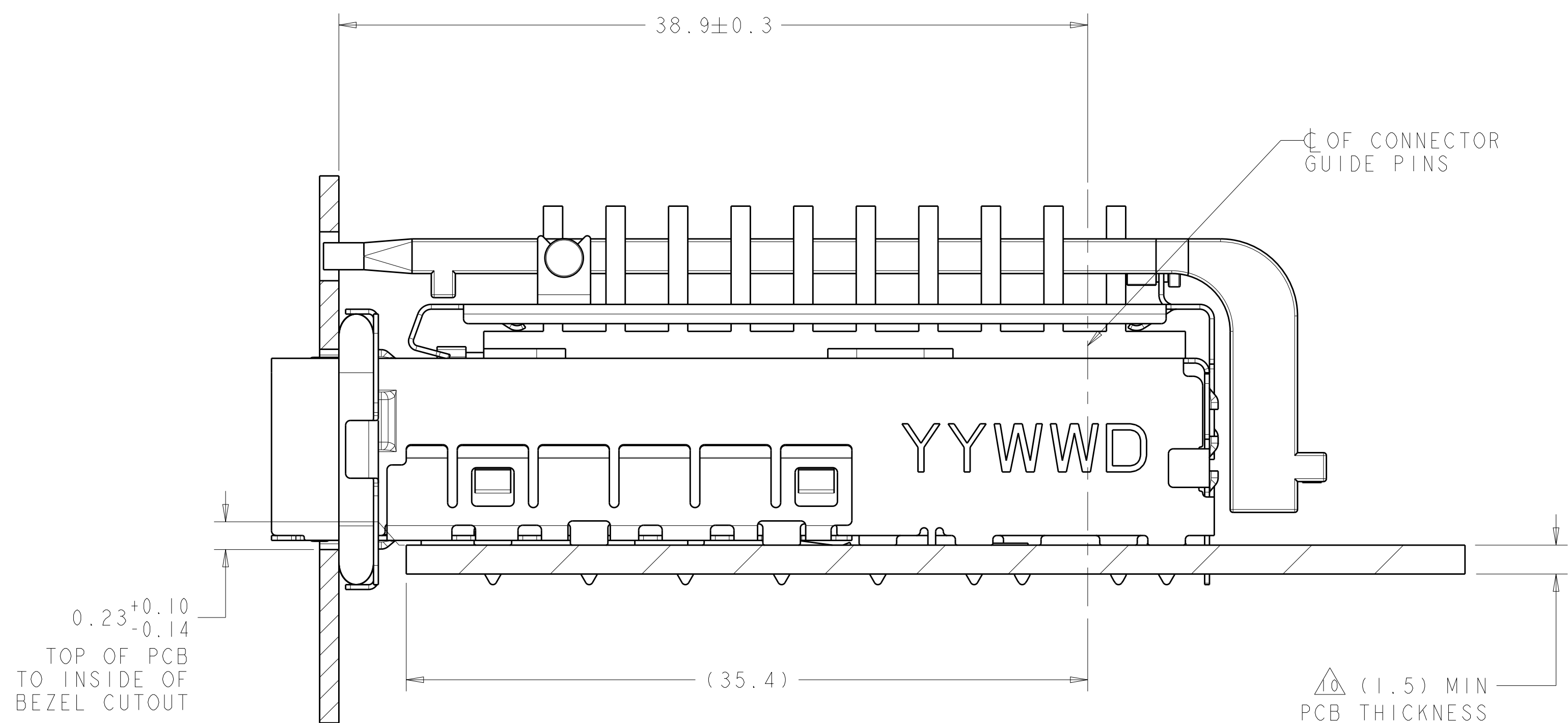
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASED PER ECO-12-013192	06SEP2012	BMM	MRS
			A1	REVISED PER ECR-19-000118	04JAN2018	IT	SH

- 10 MINIMUM PC BOARD THICKNESS:  
SINGLE SIDED: 1.5mm
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 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.





15	22.5	NETWORKING, TALL	2198225-4
15	18.1	NETWORKING, SHORT	2198225-3
14	15.5	SAN	2198225-2
14	13.2	PCI	2198225-1
	A MAX	APPLICATION	PART NUMBER

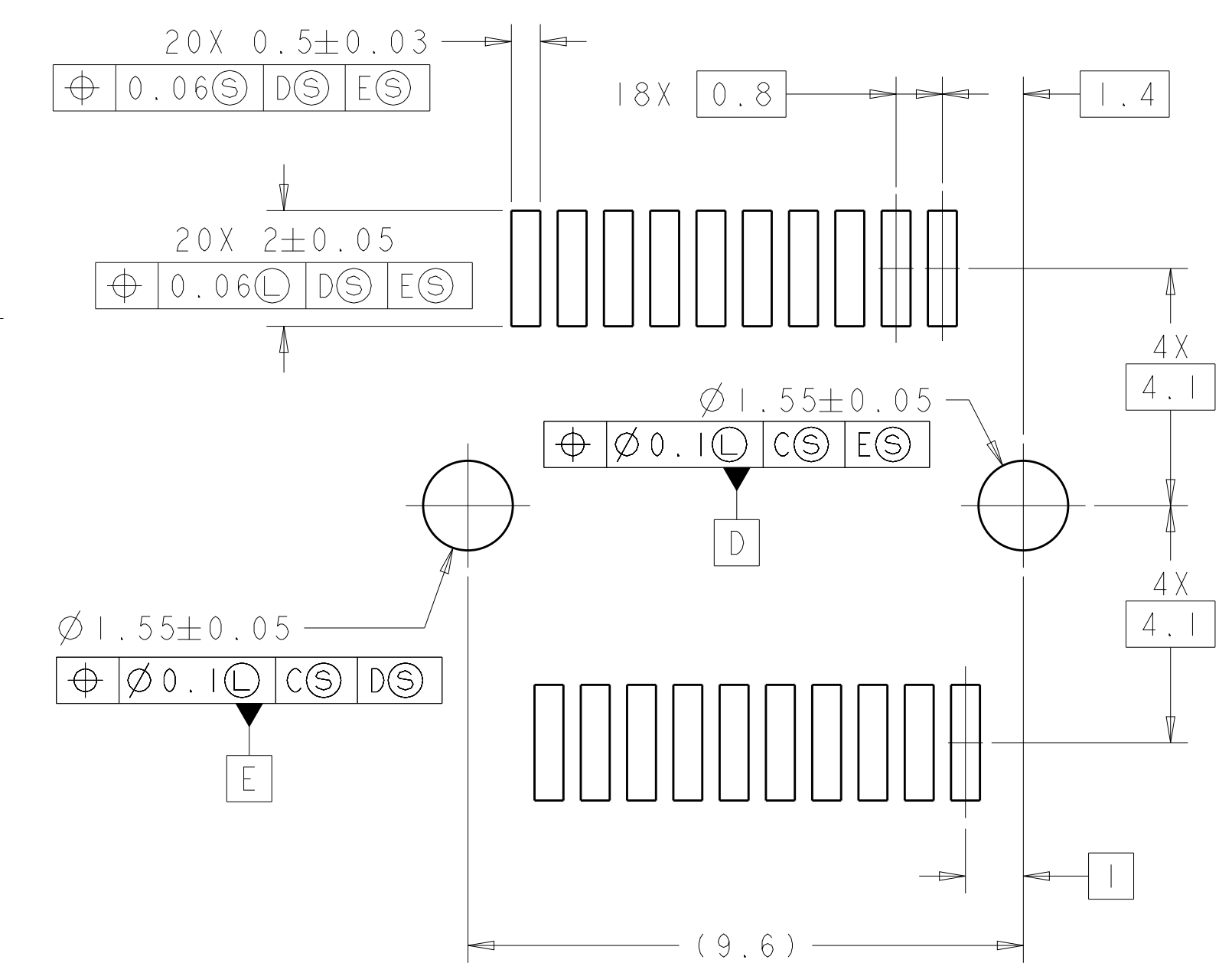
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 14OCT2011	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 14OCT2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M. SCHMITT 14OCT2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
	0 PLC ±0.13	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO	
	1 PLC ±0.1	108-2364		
	2 PLC ±0.08	APPLICATION SPEC	RESTRICTED TO	
	3 PLC ±0.05	114-13120		
MATERIAL	FINISH	WEIGHT	A100779C=2198225	
RESTRICTED CUSTOMER		SCALE 6:1	SHEET 1 OF 3	REV A1



2198225  
MOUNTED ON PC BOARD  
SHOWN THRU RECOMMENDED BEZEL



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 140CT2011 CHK M. SCHMITT 140CT2011 APPV M. SCHMITT 140CT2011		 TE Connectivity	
DIMENSIONS:  mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:  0 PLC ±0.13 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±1		NAME SFP+ ENHANCED IXX2 GAGE ASSEMBLY, PRESS-FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE    CASE CODE    DRAWING NO A100779 C=2198225	
MATERIAL		WEIGHT		RESTRICTED TO	
FINISH		RESTRICTED CUSTOMER		SCALE    5:1    SHEET    2    OF    3    REV. A	



CROSS-HATCHED AREA  
DENOTES EXPOSED  
CHASSIS GROUND

2X 2

1.1

2X 12.05

DETAIL G  
SCALE 10:1

Technical drawing of a mechanical part showing two views: a front view (left) and a side view (right).

**Front View (Left):**

- Overall width:  $4 \times 3.56 \pm 0.1$  mm
- Central hole diameter:  $\varnothing 0.1$  mm
- Feature symbols:  $\textcircled{M}$ , A, B
- Overall height:  $4 \times 2.54 \pm 0.1$  mm

**Side View (Right):**

- Overall width: 6.5 mm

DETAIL E  
SCALE 10:

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

4805 (3/11)