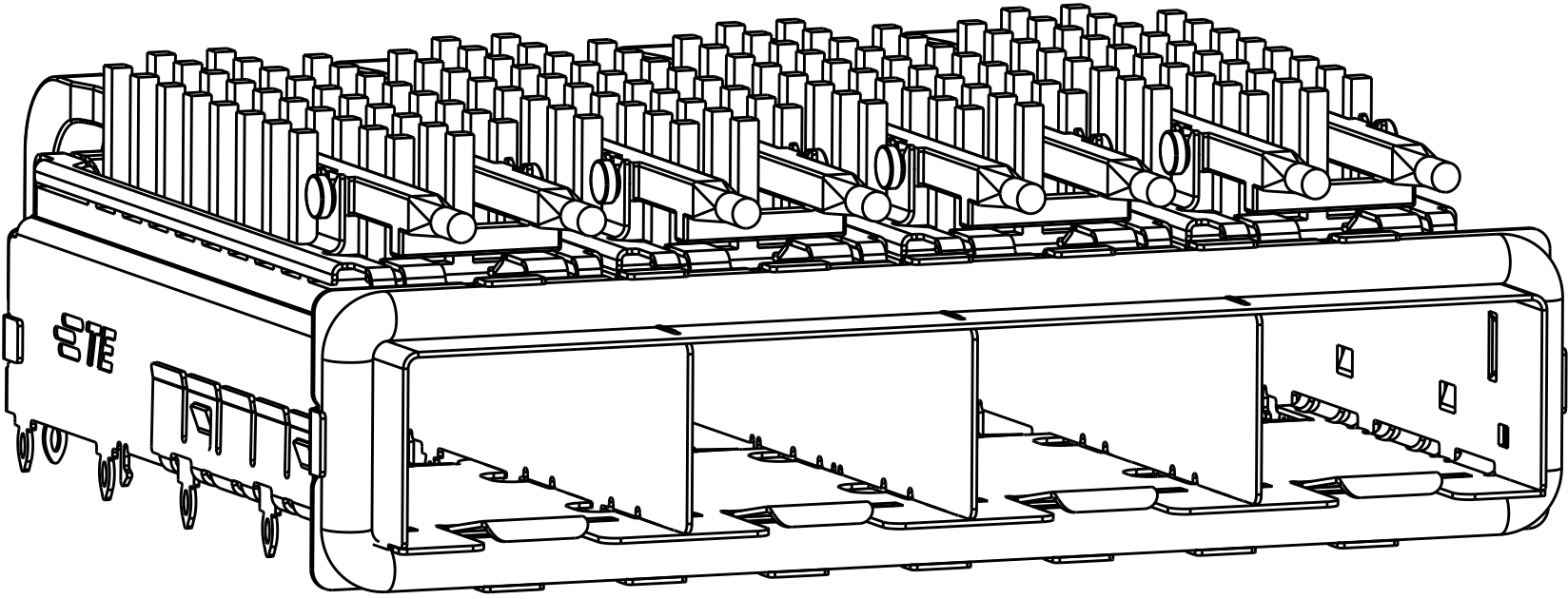


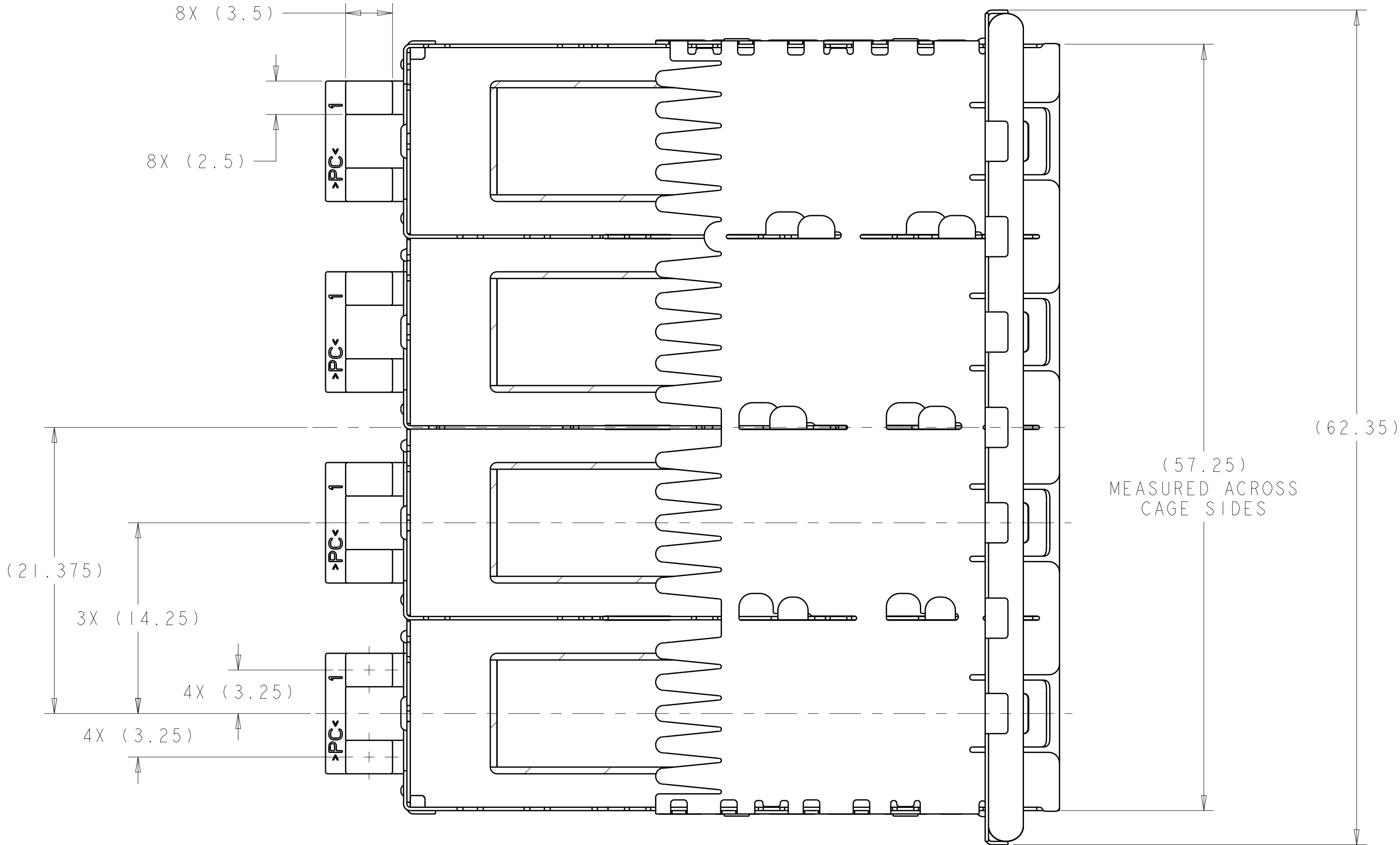
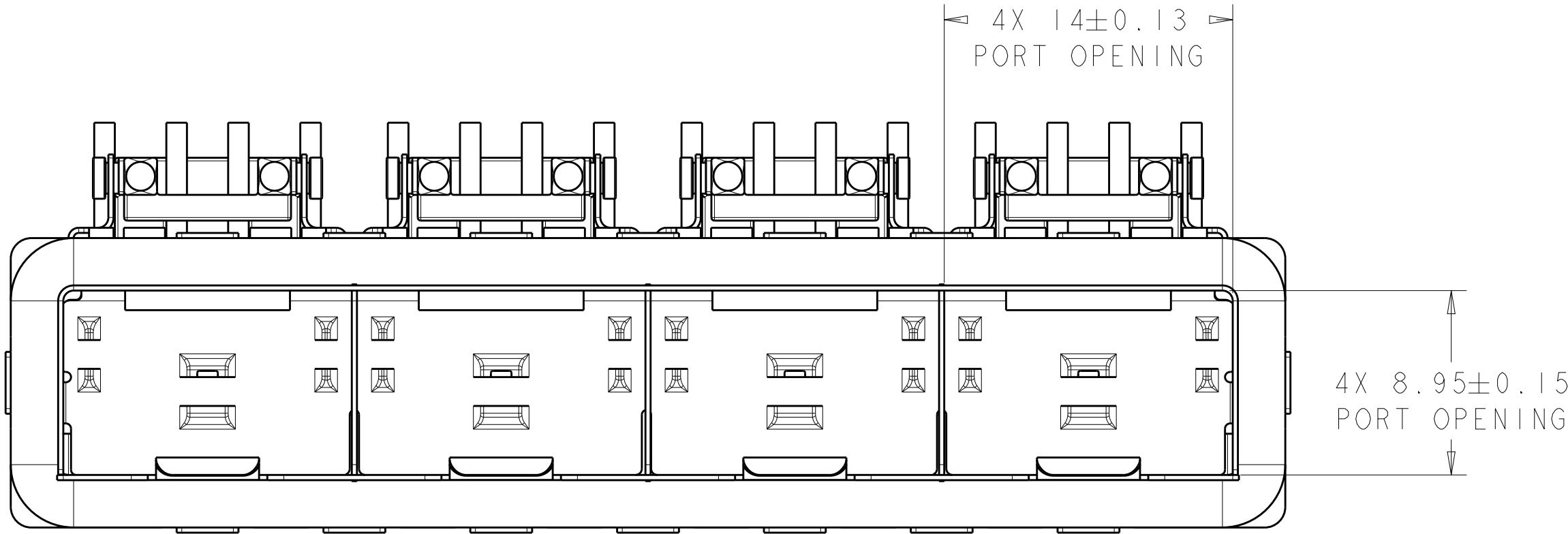
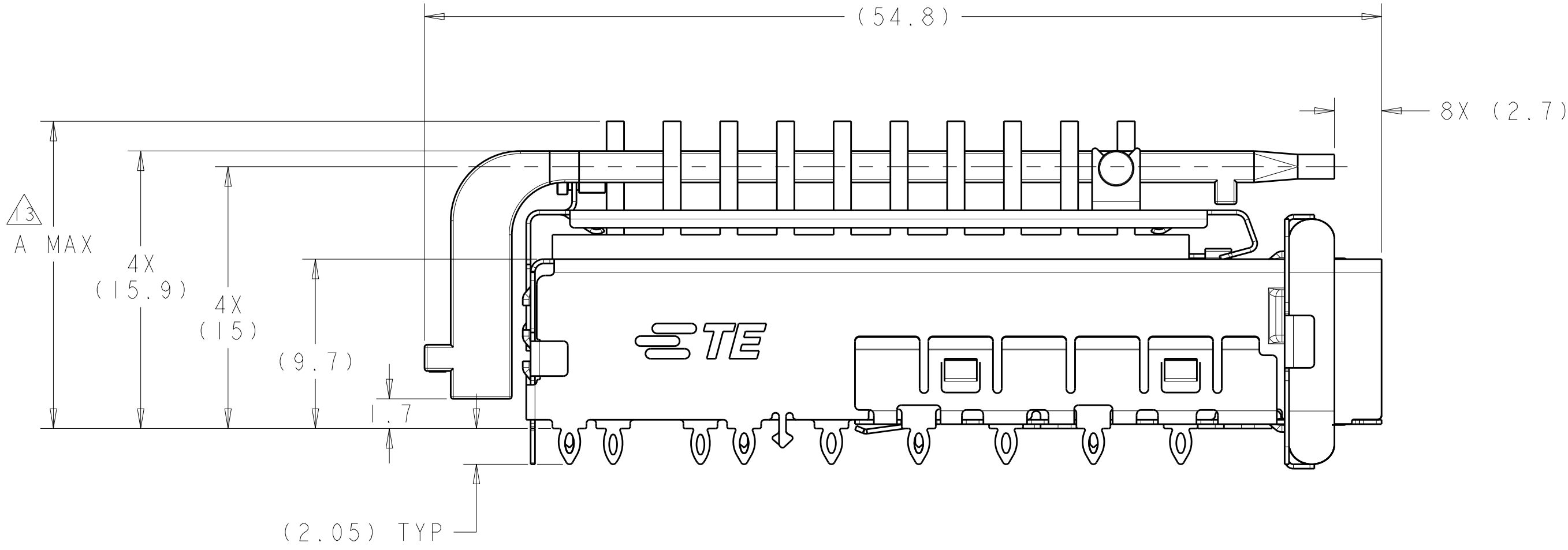
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					A	RELEASED PER ECO-12-013192	09OCT2012	BMM	MRS	



2198242
FINISHED ASSEMBLY
SCALE 3:1

- 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: ELECTROLIESS 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: 1.5mm
- 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.
- 3 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 4 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.
- 5 PACKAGED AS A COMPLETE ASSEMBLY.



3	22.5	NETWORKING, TALL	2198242-4
3	18.1	NETWORKING, SHORT	2198242-3
4	15.5	SAN	2198242-2
4	13.2	PCI	2198242-1
A MAX		APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC ±0.1

1 PLC ±0.1

2 PLC ±0.1

3 PLC ±0.1

4 PLC ±0.1

ANGLES ±1°

FINISH

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 ±1°

FINISH

MATERIAL

2

DWN B. MATTHEWS 20OCT2011

CHK M. SCHMITT 20OCT2011

APVD W. SCHMITT 20OCT2011

PRODUCT SPEC

108-2364

APPLICATION SPEC

114-13120

WEIGHT

-

Customer Drawing

SCALE 4:1

SHEET 1 OF 3

REV A

TE Connectivity

SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE

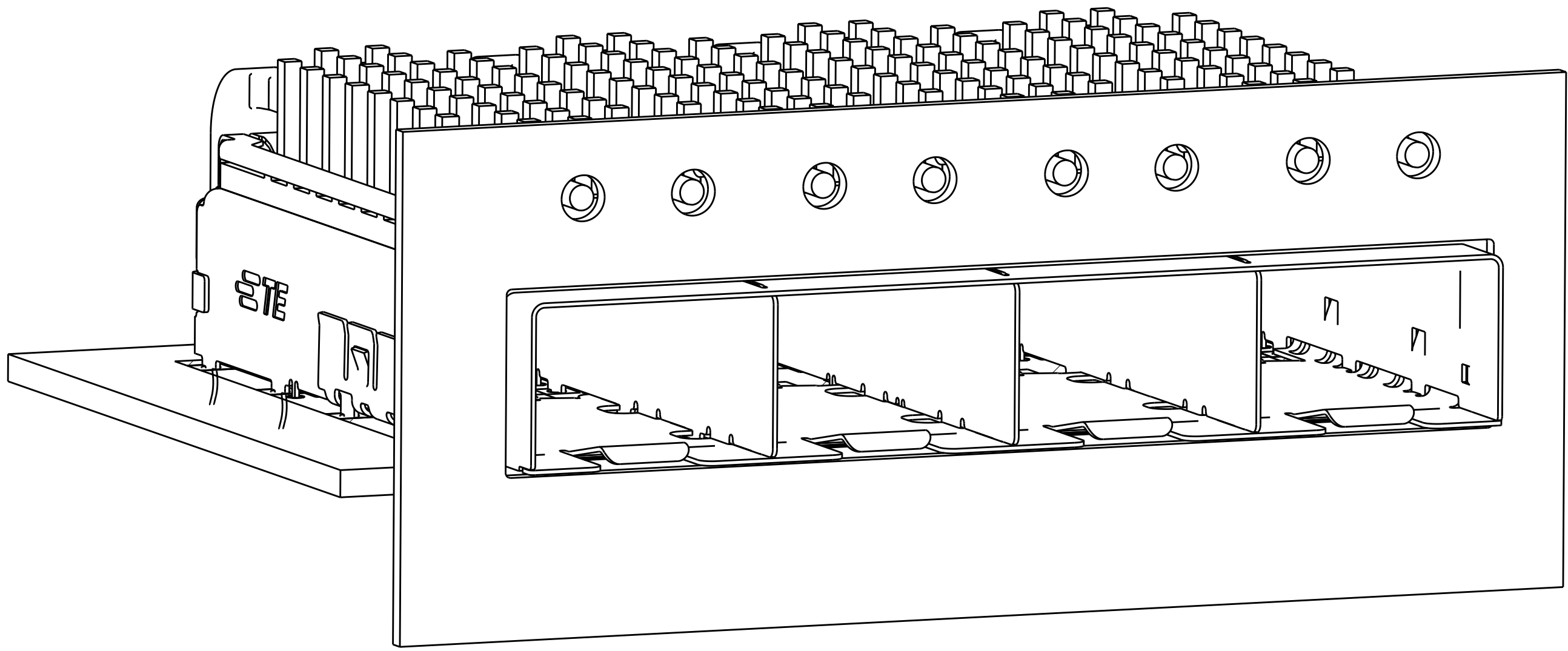
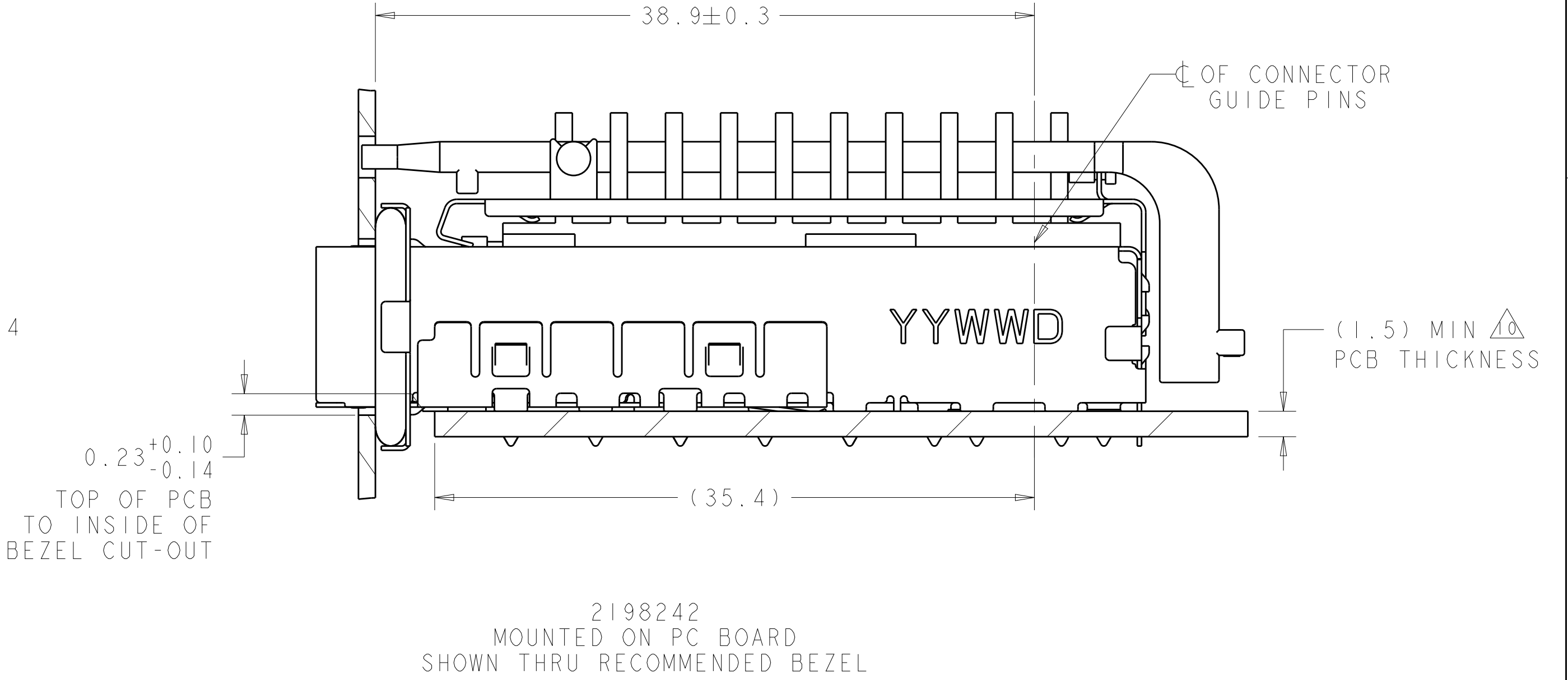
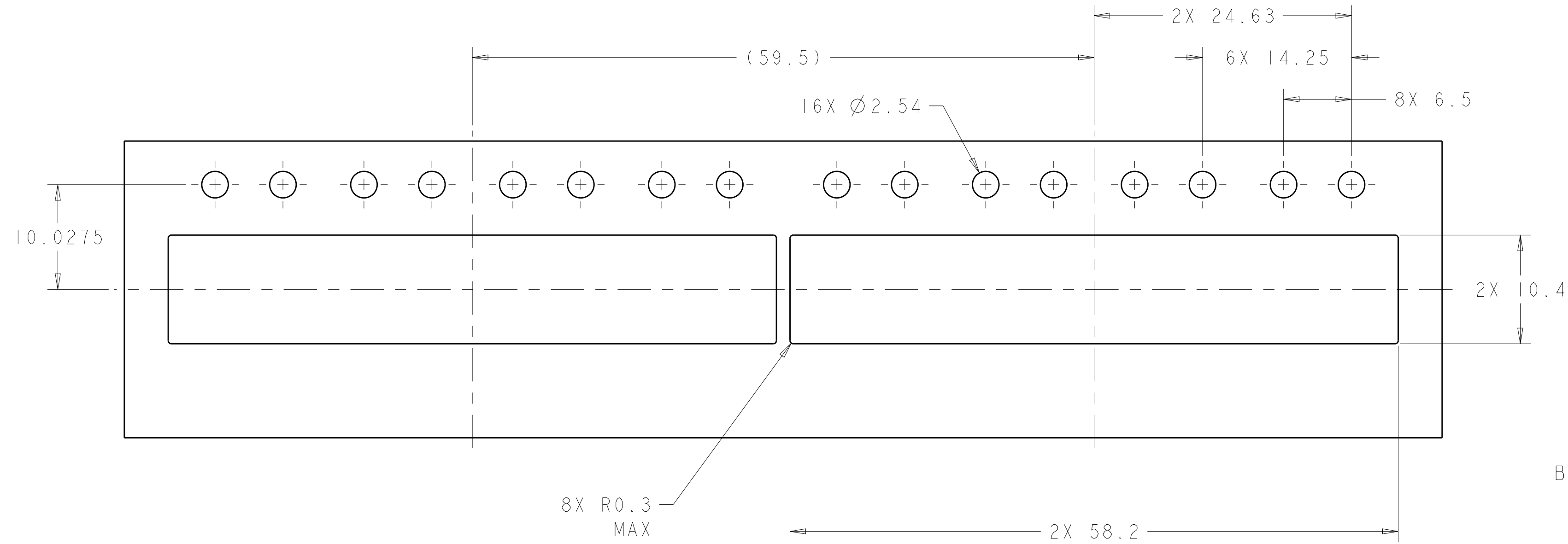
SIZE CAGE CODE DRAWING NO


A100779C=2198242

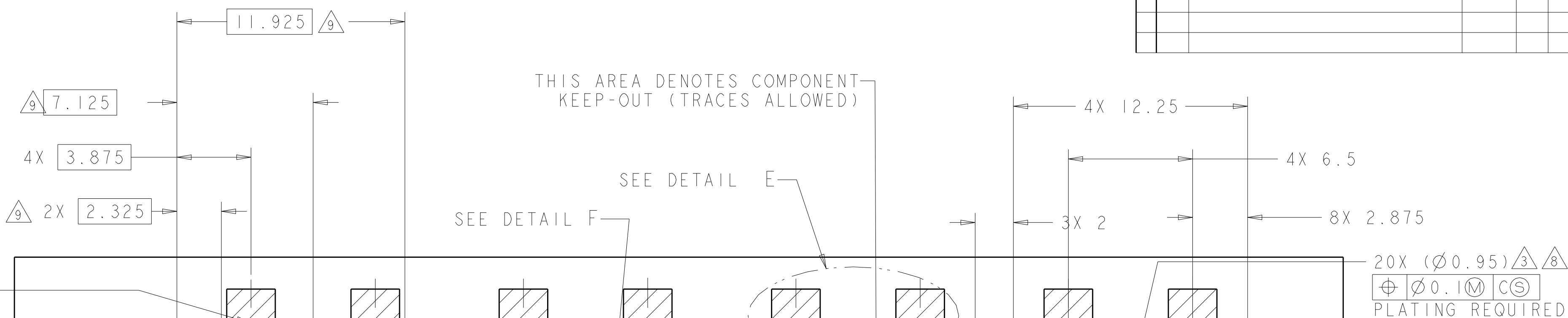
RESTRICTED TO

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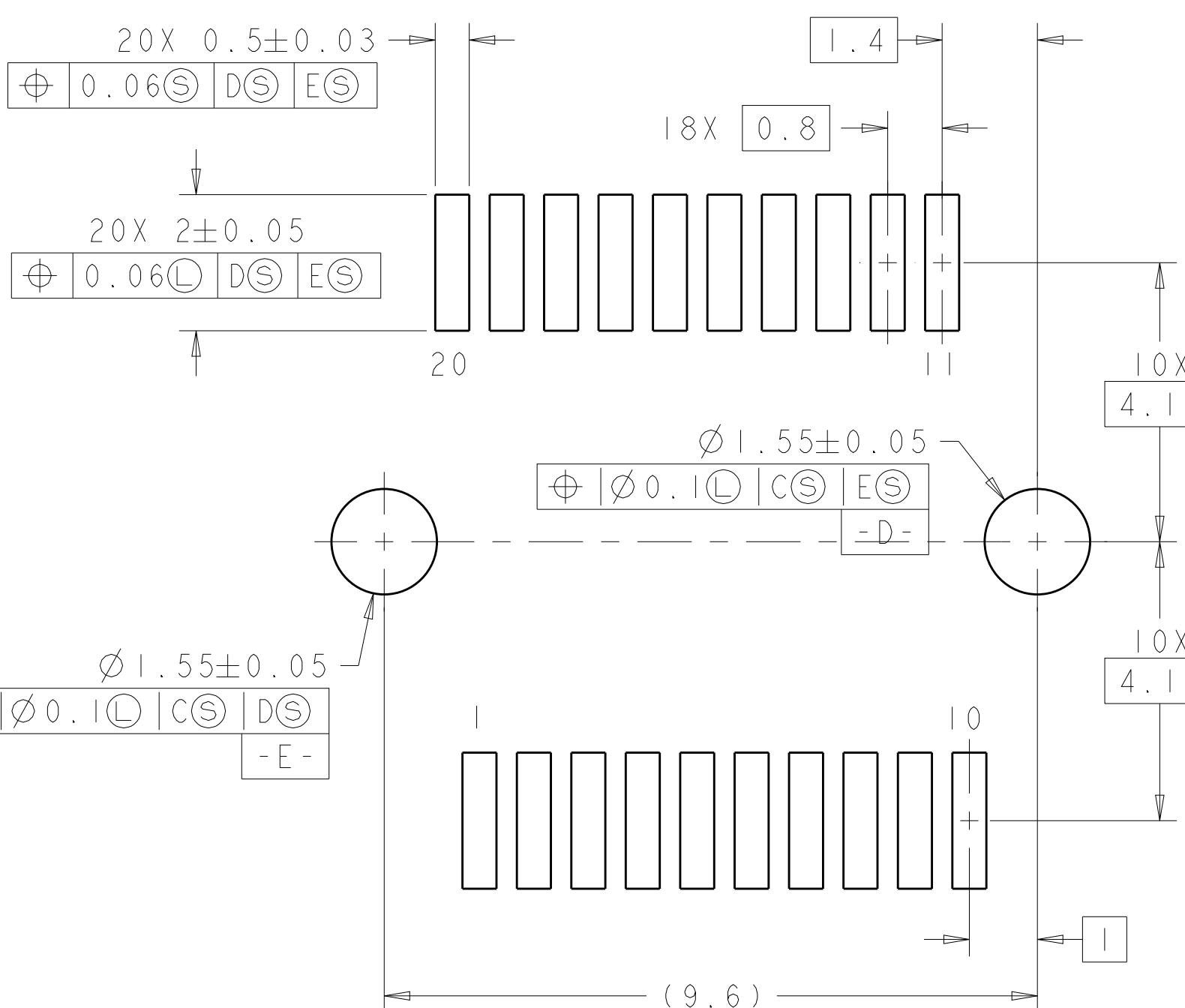
LOC		DIST		REVISONS			
GP		P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 20OCT2011	 TE Connectivity	
		CHK M. SCHMITT 20OCT2011		
DIMENSIONS:		APVD W. SCHMITT 20OCT2011	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
mm		PRODUCT SPEC		
		108-2364	SIZE CAGE CODE DRAWING NO	
		APPLICATION SPEC		
		114-13120	RESTRICTED TO	
		WEIGHT		
		Customer Drawing	SCALE 4:1 SHEET 2 OF 3 REV A	




8X ϕ FOR LED PLACEMENT
AND LIGHTPIPE COVERAGE AREA



$\triangle 3 \triangle 7 (\varnothing 1.05)$
 $\oplus | \varnothing 0.1 \textcircled{S} | A | B$
 PLATING REQUIRED
 -C-

- A -

4 - B -


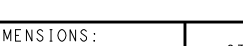


8X	3.56±0.1		
	0.1	(M)	A B

 $8X \quad 2.54 \pm 0.1$

DETAIL E
SCALE 12:1

RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 200C12011 CHG M. SCHMITT 200C12011 APVD M. SCHMITT 200C12011		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.1 4 PLC ± 0.1 ANGLES $\pm 0.0^\circ$		NAME SFP+ ENHANCED 1X4 GAGE ASSEMBLY, PRESS FIT, EMI GASKET WITH HEATSINK AND LIGHTPIPE	
MATERIAL 		FINISH 		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120	
		WEIGHT -		SIZE A1	
		CUSTOMER DRAWING Customer Drawing		CAGE CODE 100779	
		DRAWING NO C=2198242		RESTRICTED TO -	
		SCALE 4:1		SHEET 3 OF 3	
		REV A			