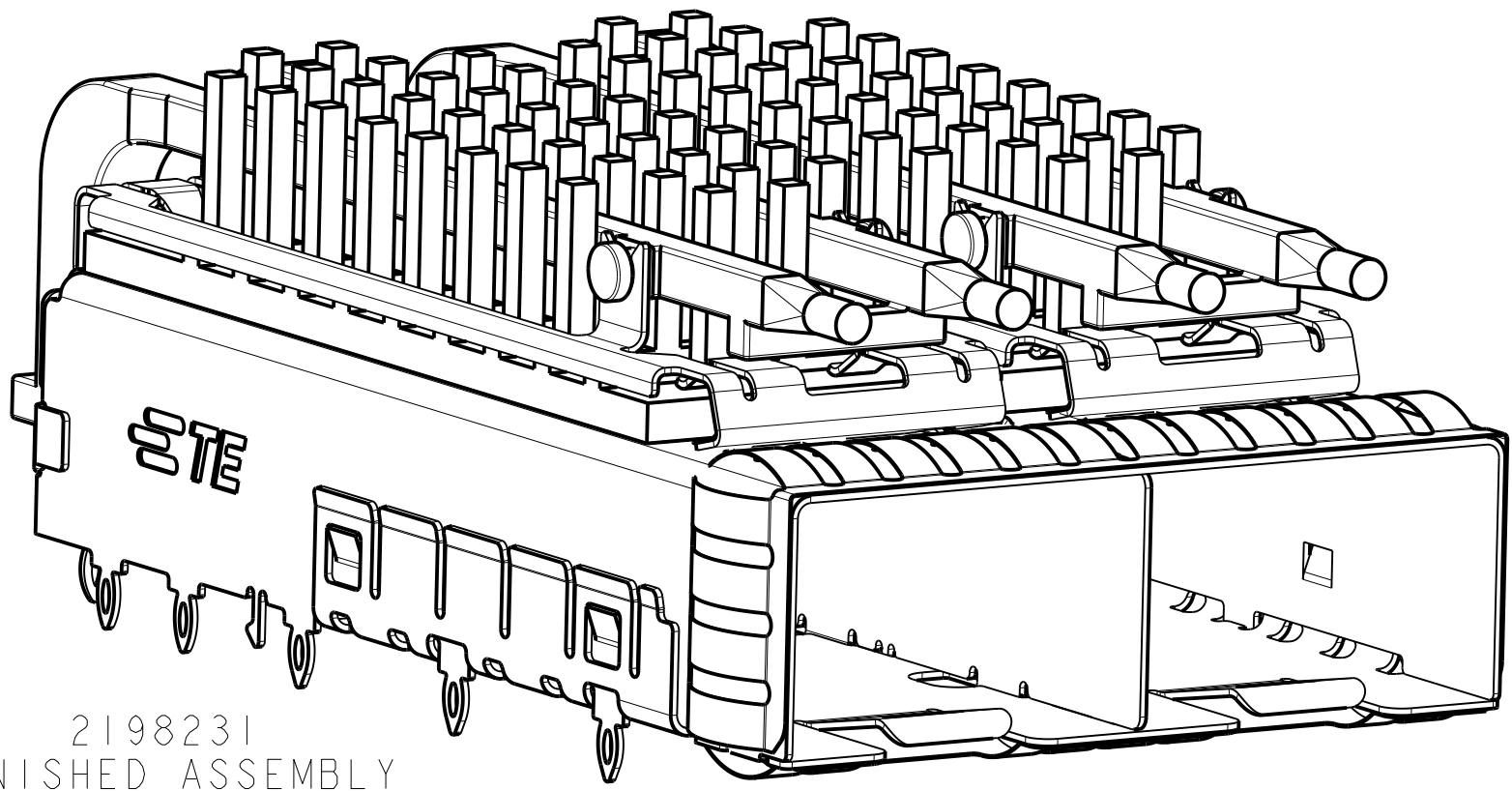




- 1

MATERIAL:

CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY

EMI SPRINGS: COPPER ALLOY

HEAT SINK: ALUMINUM

HEAT SINK/LIGHTPIPE CLIP: STAINLESS STEEL.

LIGHTPIPE: POLYCARBONATE, CLEAR
- 2

FINISH:

SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER MINIMUM OF 0.8um NICKEL UNDERPLATE. NON-PLATED EDGES PERMISSIBLE.

HEAT SINK: ELECTROLESS NICKEL

HEAT SINK CLIP: PASSIVATE.
- 3

DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 5

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

MINIMUM PC BOARD THICKNESS:

SINGLE SIDED: 1.5mm

DOUBLE SIDED: 2.25mm
- 8

HOLE PATTERN REPEATS FOR EACH PORT, SPACING BETWEEN PORTS IS 14.25mm.
- 9

REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	RELEASED PER ECO-12-013192	18OCT2012	BMM	MRS
					A1	RELEASED PER ECO-14-008488	06JUNE2014	PP	SH

- 10

REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 11

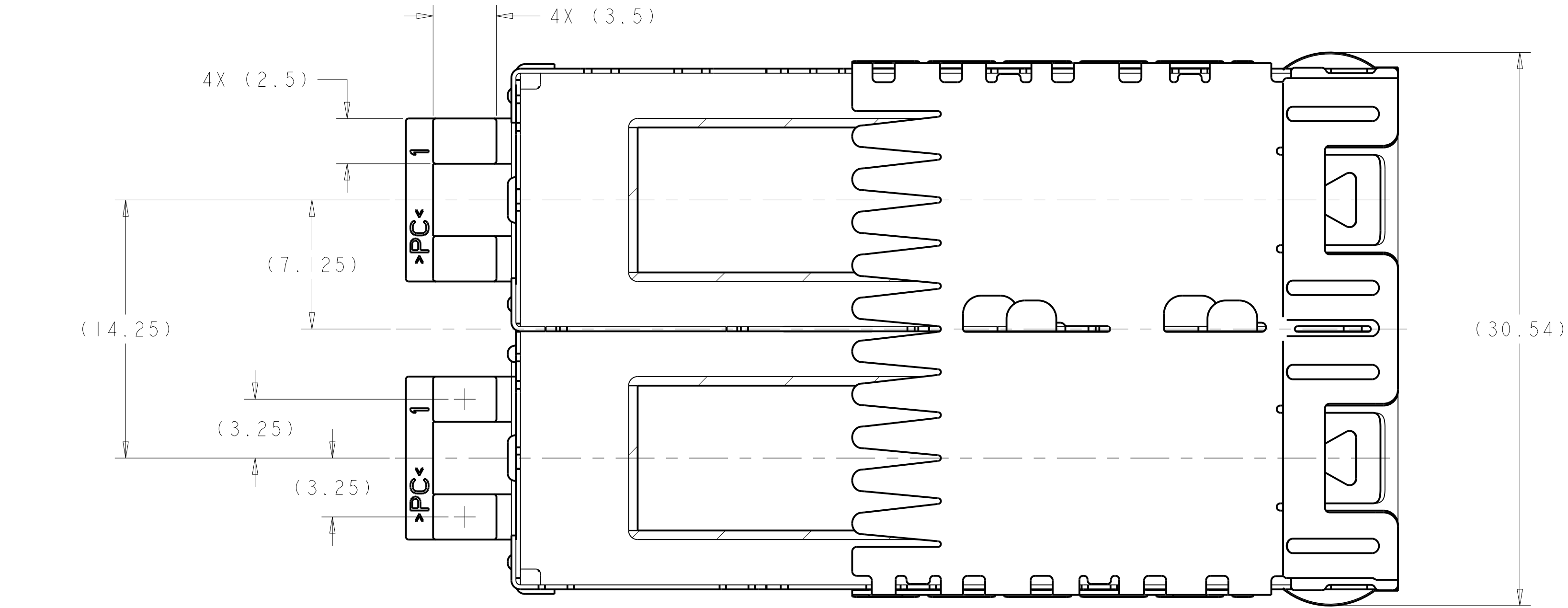
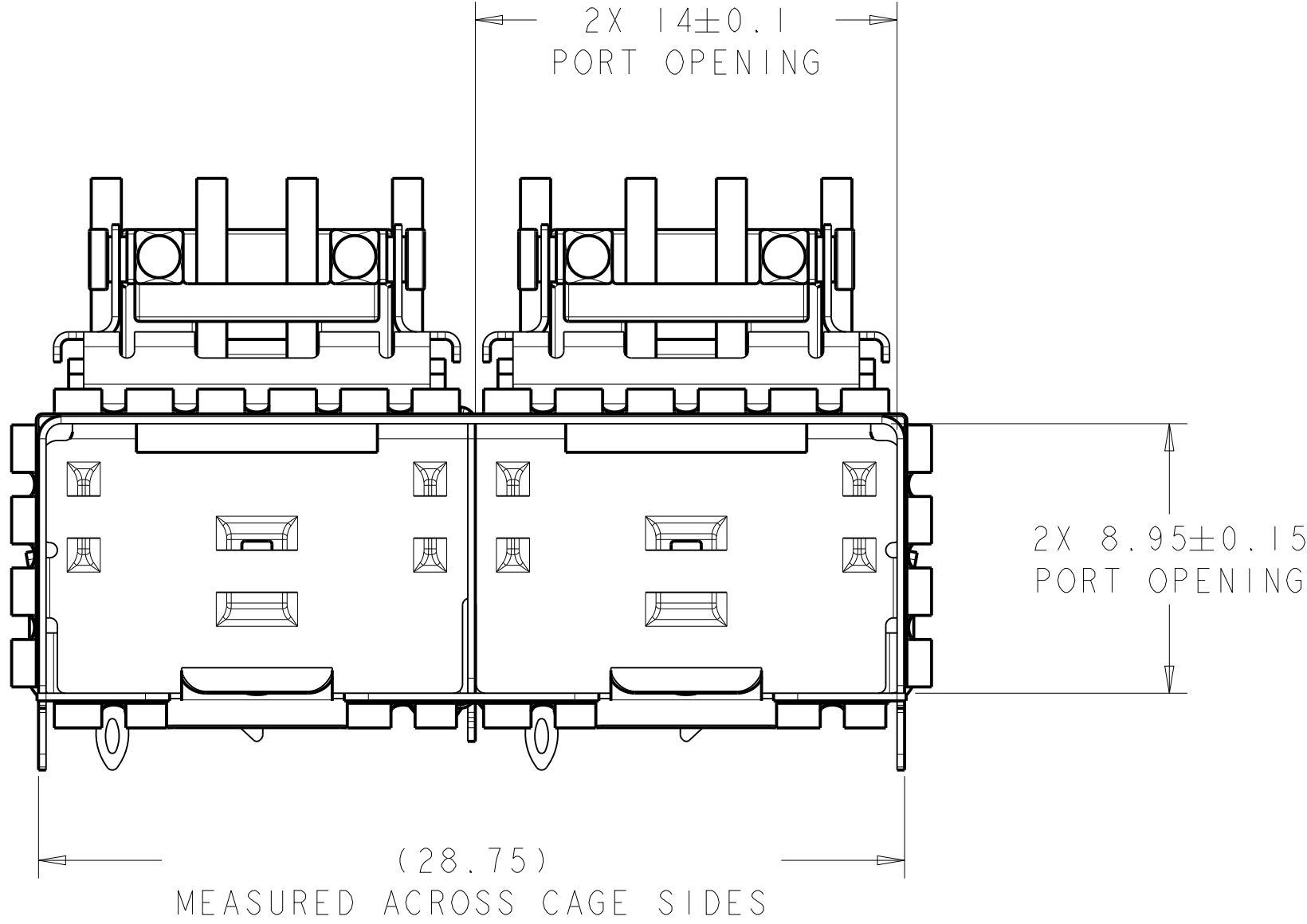
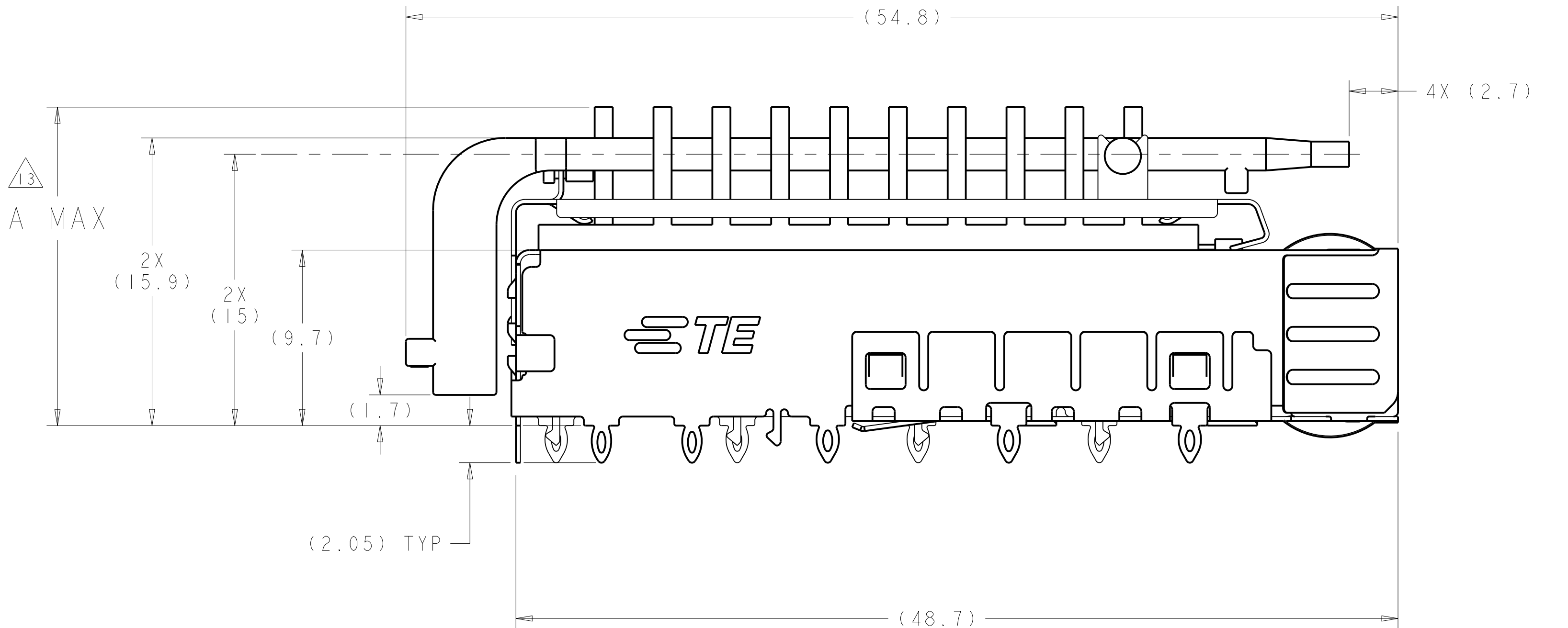
CERTAIN MATING TRANCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD NEED TO BE DETERMINED BY THE CUSTOMER.
- 12

PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.
- 13

DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
- 14

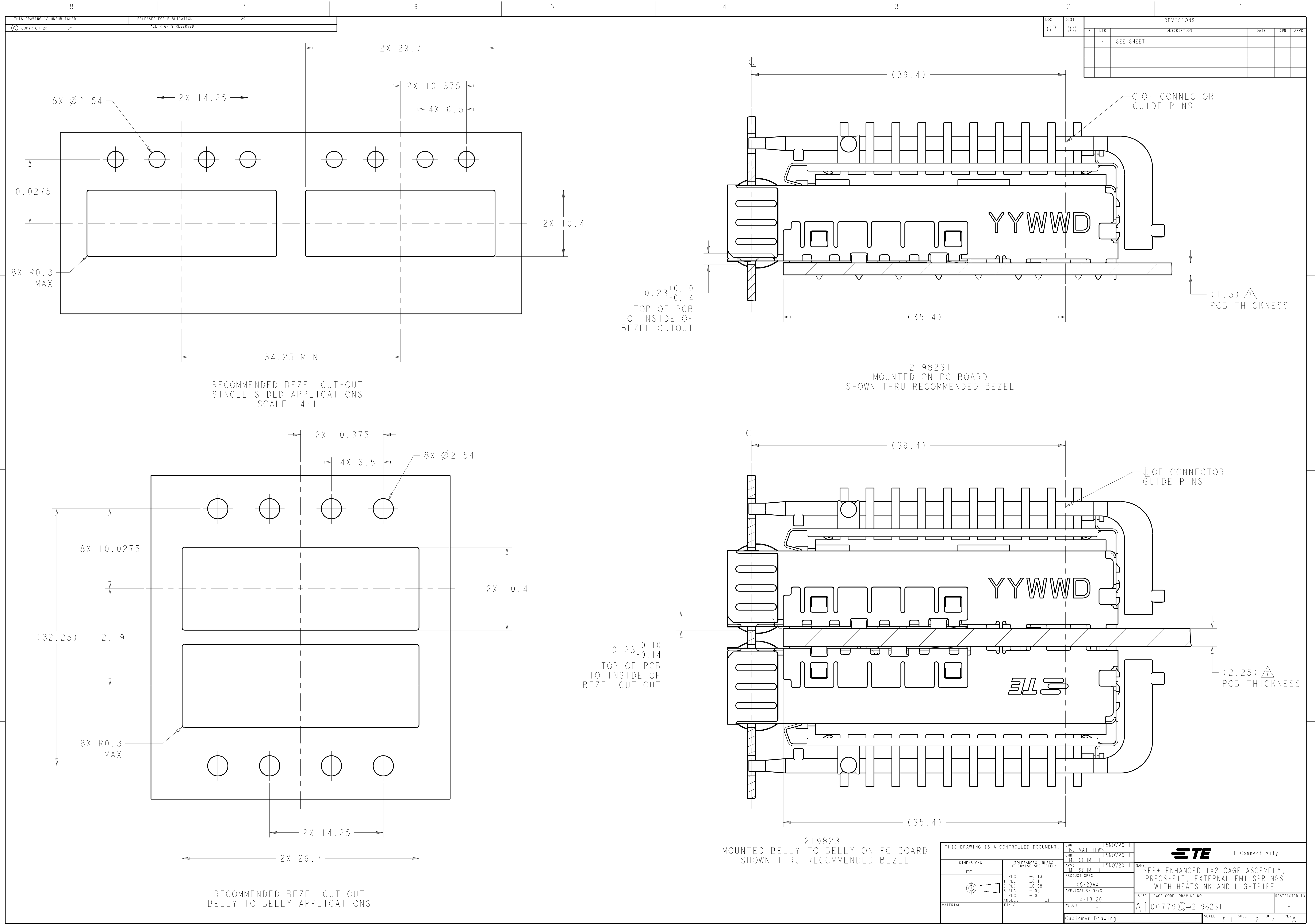
HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.
- 15

PACKAGED AS A COMPLETE ASSEMBLY.



22.5	NETWORKING, TALL	2198231-4
18.1	NETWORKING, SHORT	2198231-3
15.5	SAN	2198231-2
13.2	PCI	2198231-1
A MAX	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 15NOV2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
mm		APVD W. SCHMITT 15NOV2011	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	A100779C=2198231	
0 PLC ±0.13		108-2364	SCALE 5:1 SHEET 1 OF 4 REV A1	
1 PLC ±0.1		APPLICATION SPEC		
2 PLC ±0.08		114-13120		
3 PLC ±0.05		WEIGHT		
4 PLC ±0.05		Customer Drawing		
ANGLES ±1				
FINISH				



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20
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LOC		DIST		REVISEMENTS			
GP				REV	DESCRIPTION	DATE	OWN
					SEE SHEET 1		

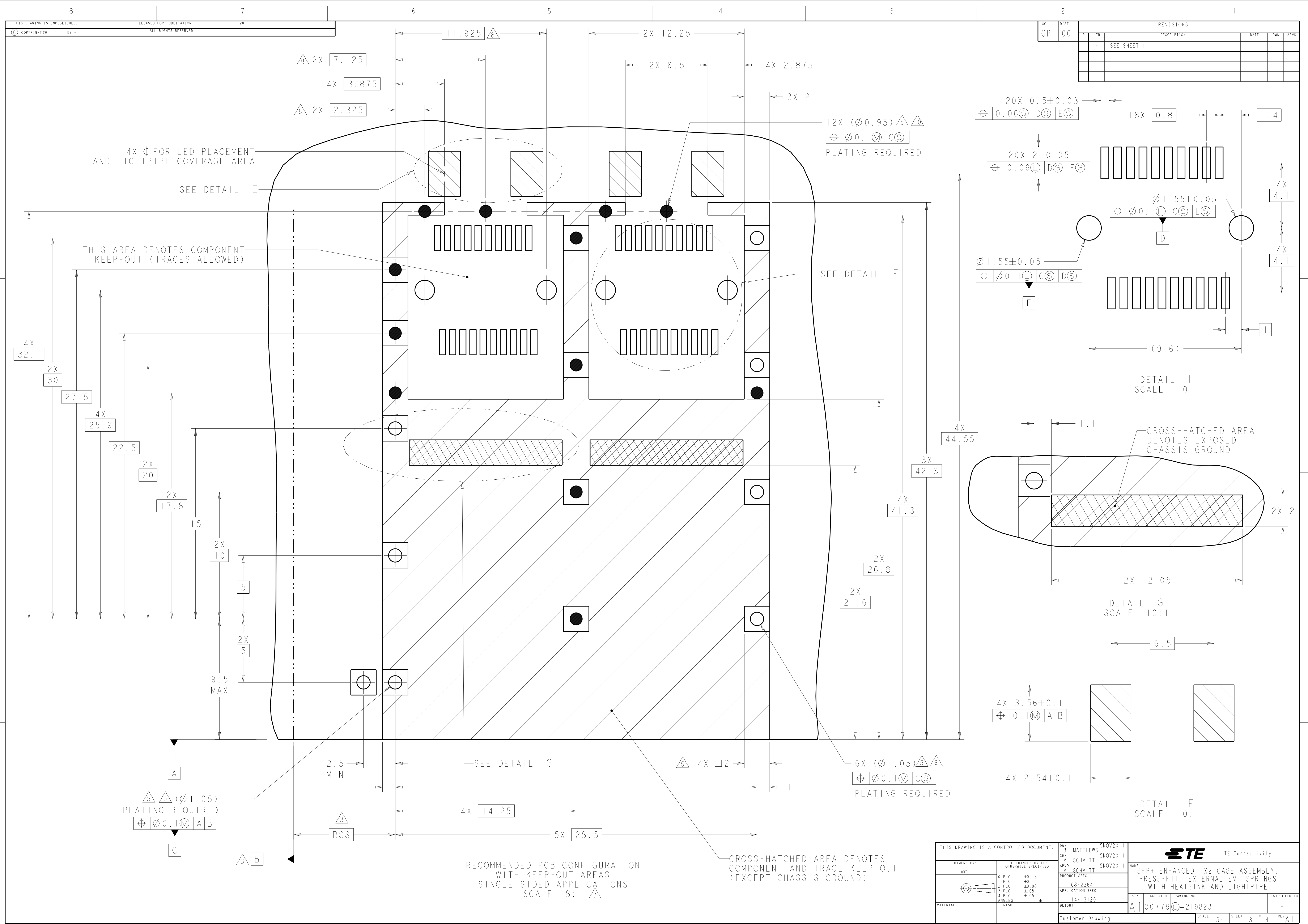
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 4:1

2198231
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

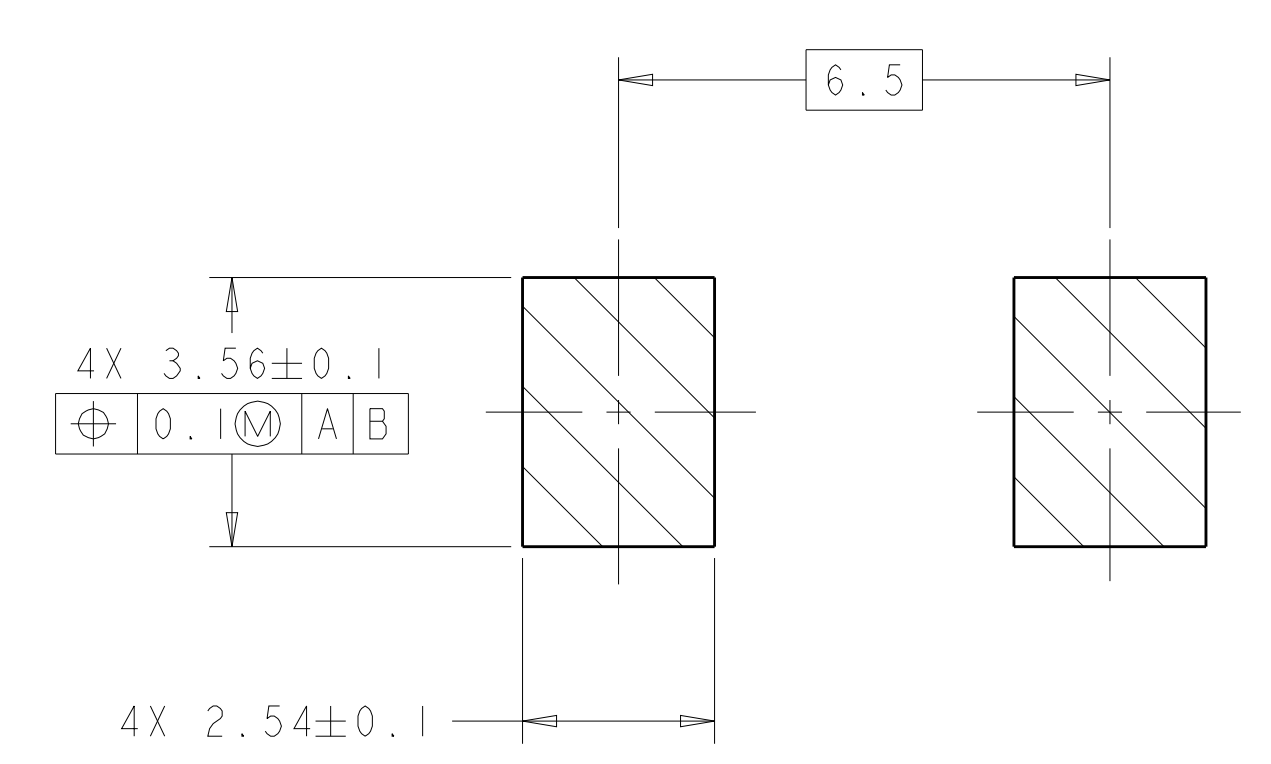
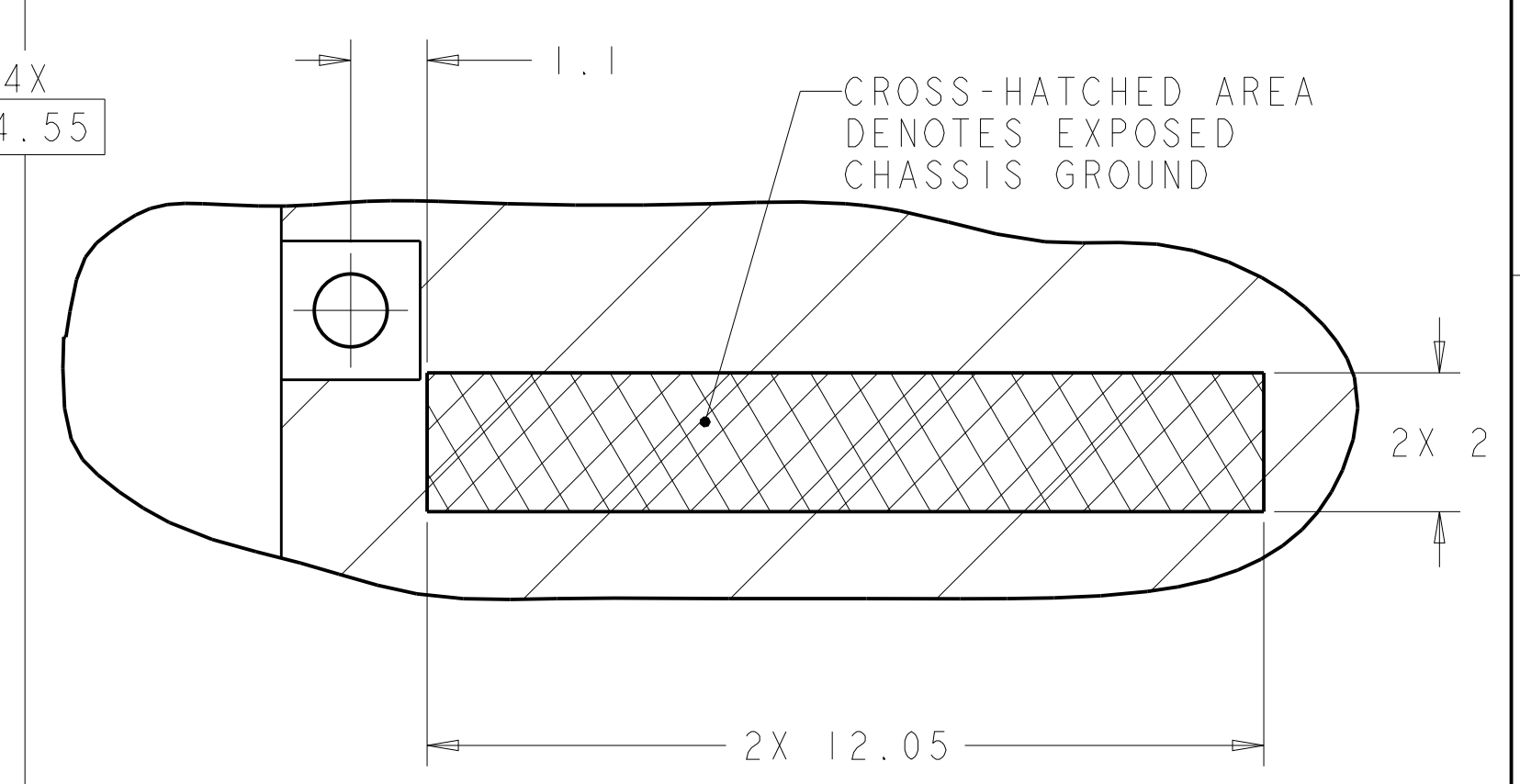
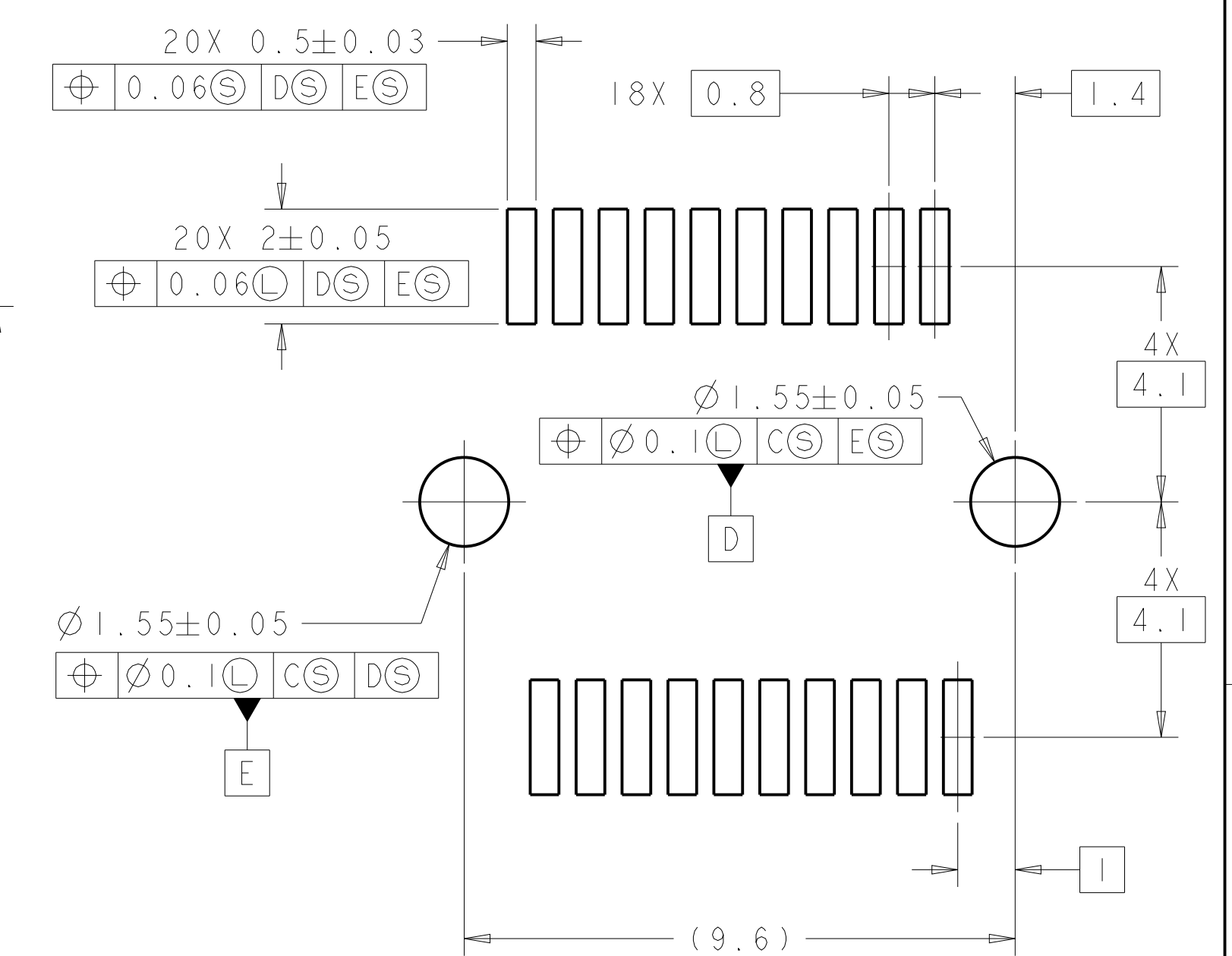
RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

2198231
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

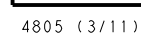
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN B. MATTHEWS 15NOV2011	 TE Connectivity	
DIMENSIONS: mm		CHK M. SCHMITT 15NOV2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. SCHMITT 15NOV2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
0 PLC ±0.13 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±0.05 4 PLC ±0.05		PRODUCT SPEC 108-2364	SIZE A100779	
ANGLES FINISH		APPLICATION SPEC 114-13120	CAGE CODE C=2198231	
MATERIAL		WEIGHT	RESTRICTED TO -	
		Customer Drawing	SCALE 5:1 SHEET 2 OF 4 REV A1	



LOC		DIST		REV		DATE		DWN		APVD	
GP		00		-		-		-		-	
P		LTR		DESCRIPTION		DATE		DWN		APVD	
		-		SEE SHEET 1		-		-		-	



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