

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
OY			B	REVISED PER ECR-18-002882	21FEB2018	IT	SH

⚠ MATERIAL:
CAGE ASSEMBLY:
0.25mm THICK NICKEL SILVER ALLOY
EMI SPRINGS: COPPER ALLOY
HEAT SINK: ALUMINUM
HEAT SINK CLIP: STAINLESS STEEL.

⚠ 2 FINISH:
HEAT SINK: ELECTROLESS NICKEL
HEAT SINK CLIP: PASSIVATE.
EMI SPRINGS: 0.8µm MIN MATTE TIN OVER
0.8µm MIN NICKEL, NON-PLATED EDGES PERMISSIBLE.

⚠ 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.

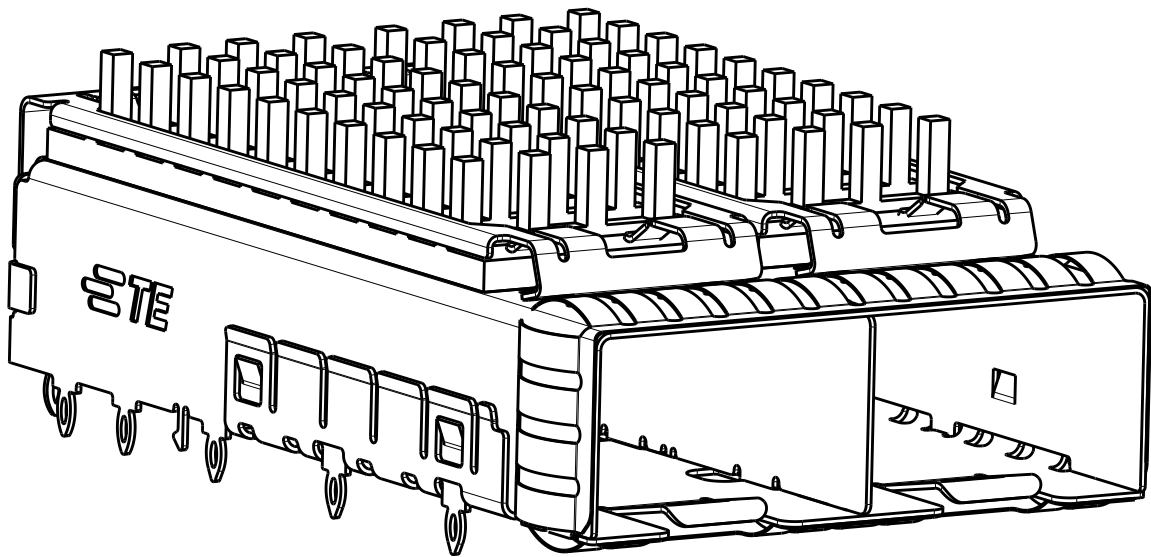
⚠ 10 REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

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

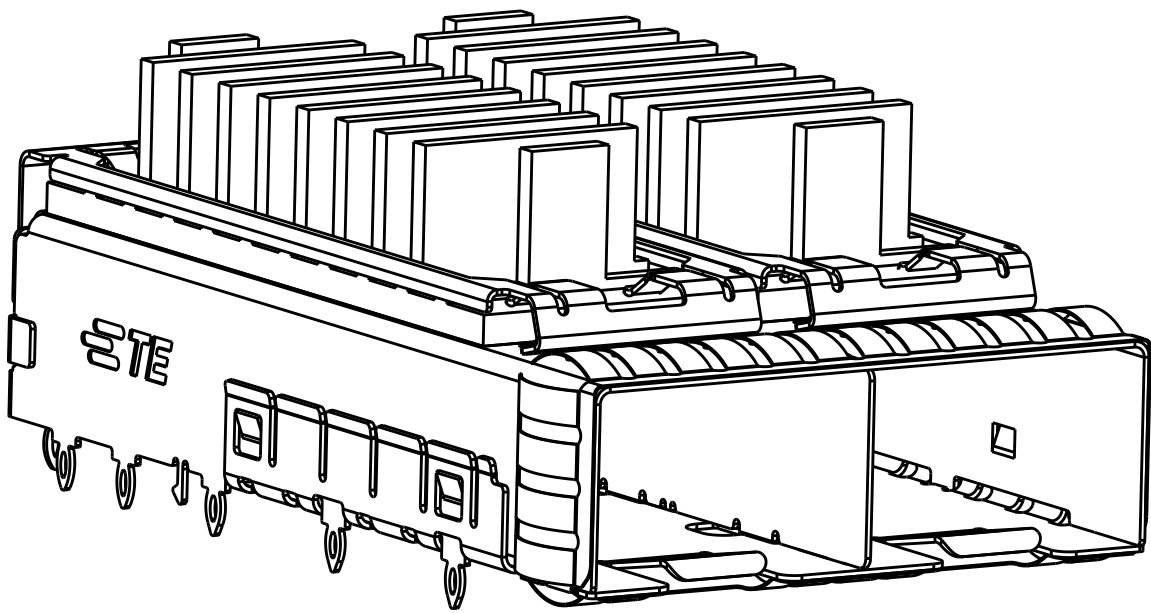
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

⚠ 13 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

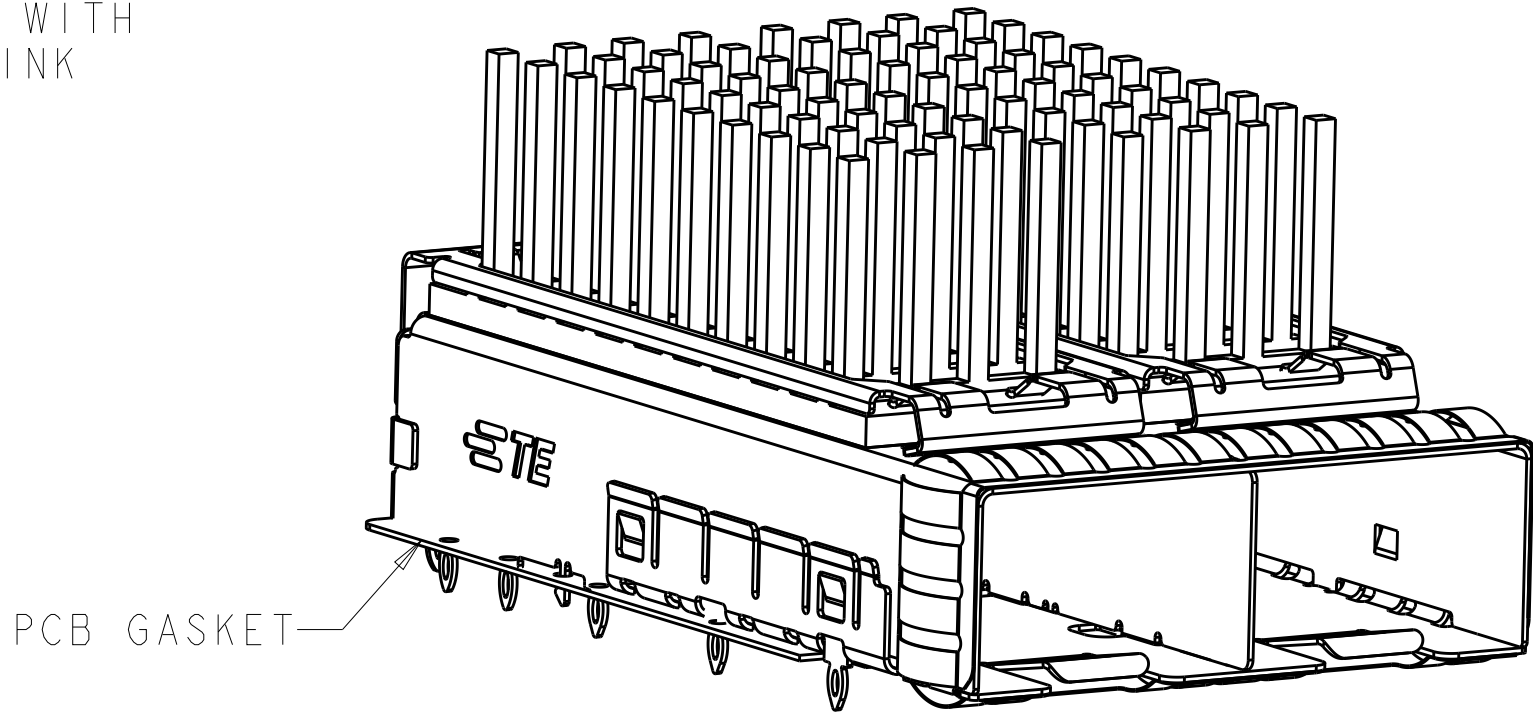
⚠ 14 WITH BELLY GASKET: RF ABSORBER



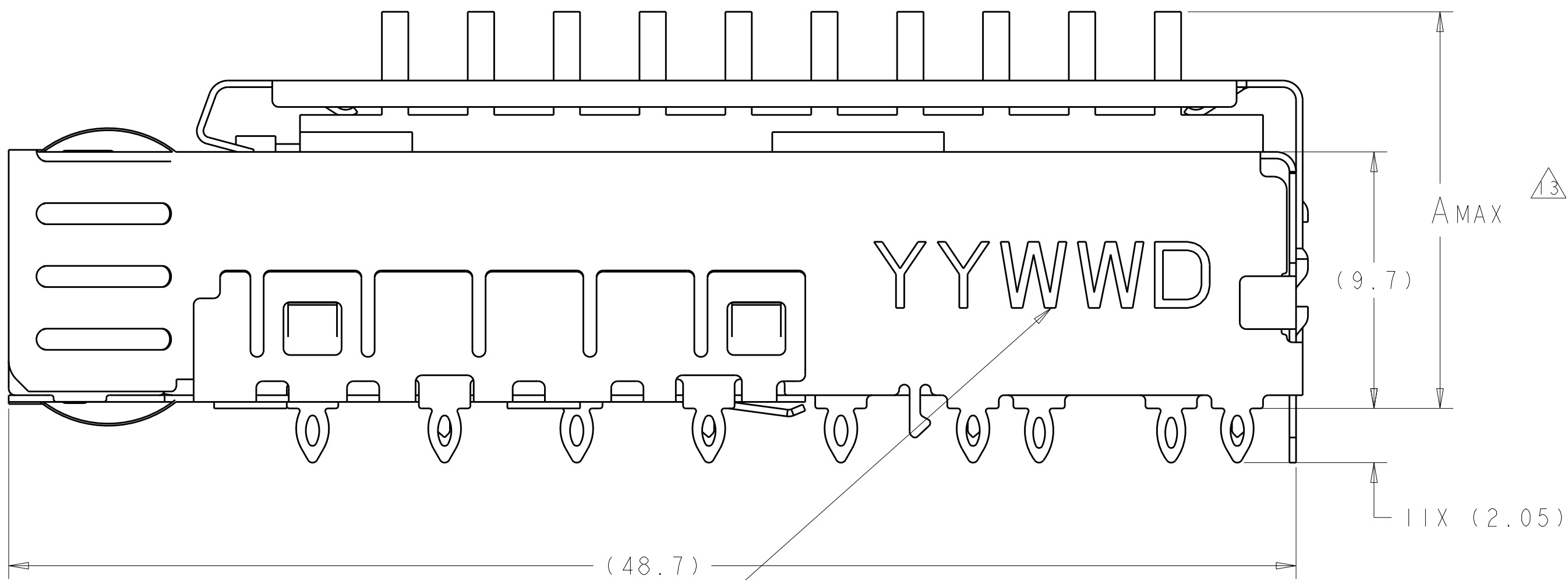
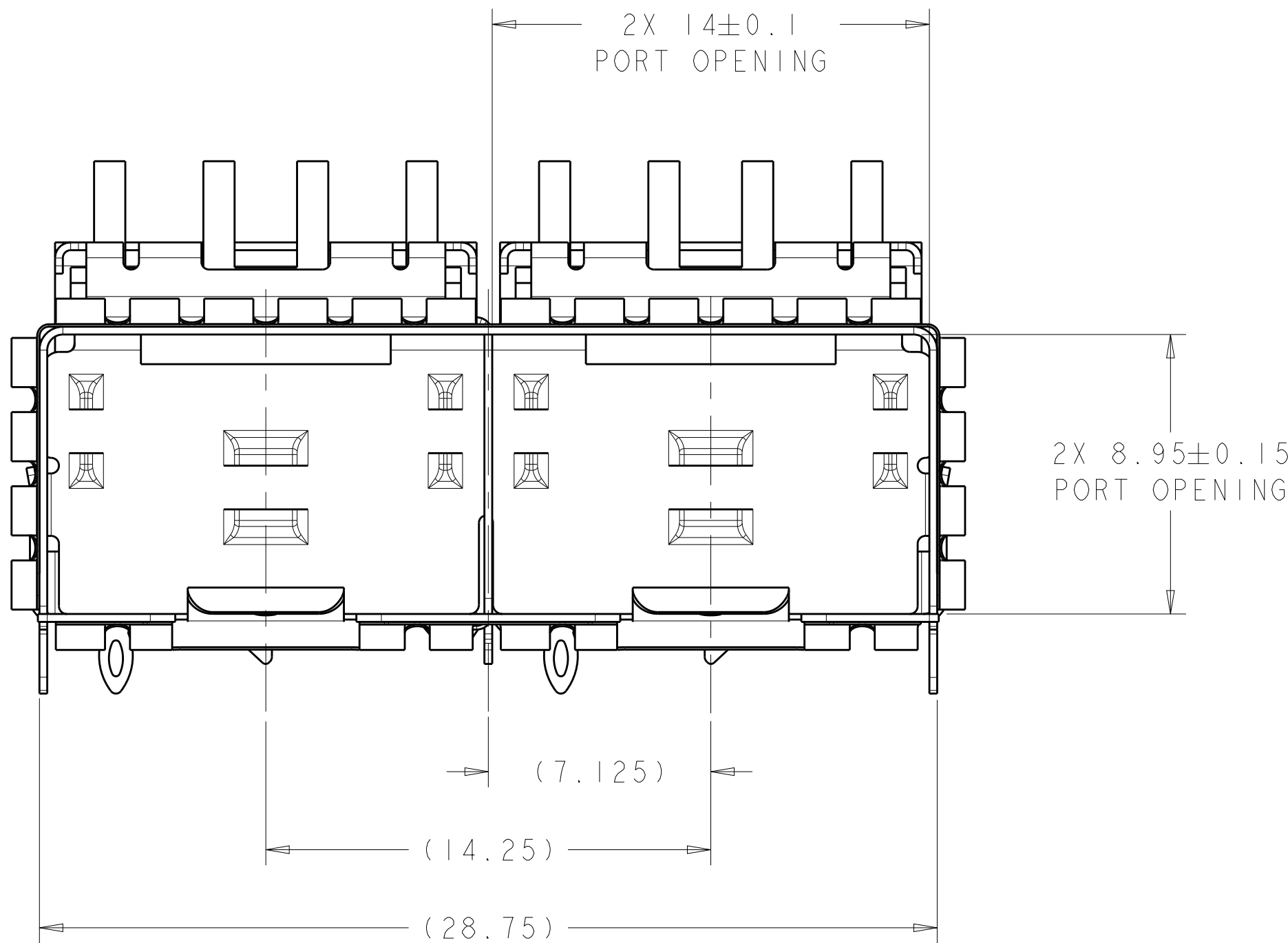
2198230-1,2,3,4
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK



2198230-5,6,7,8
FINISHED ASSEMBLY WITH
FIN TYPE HEAT SINK



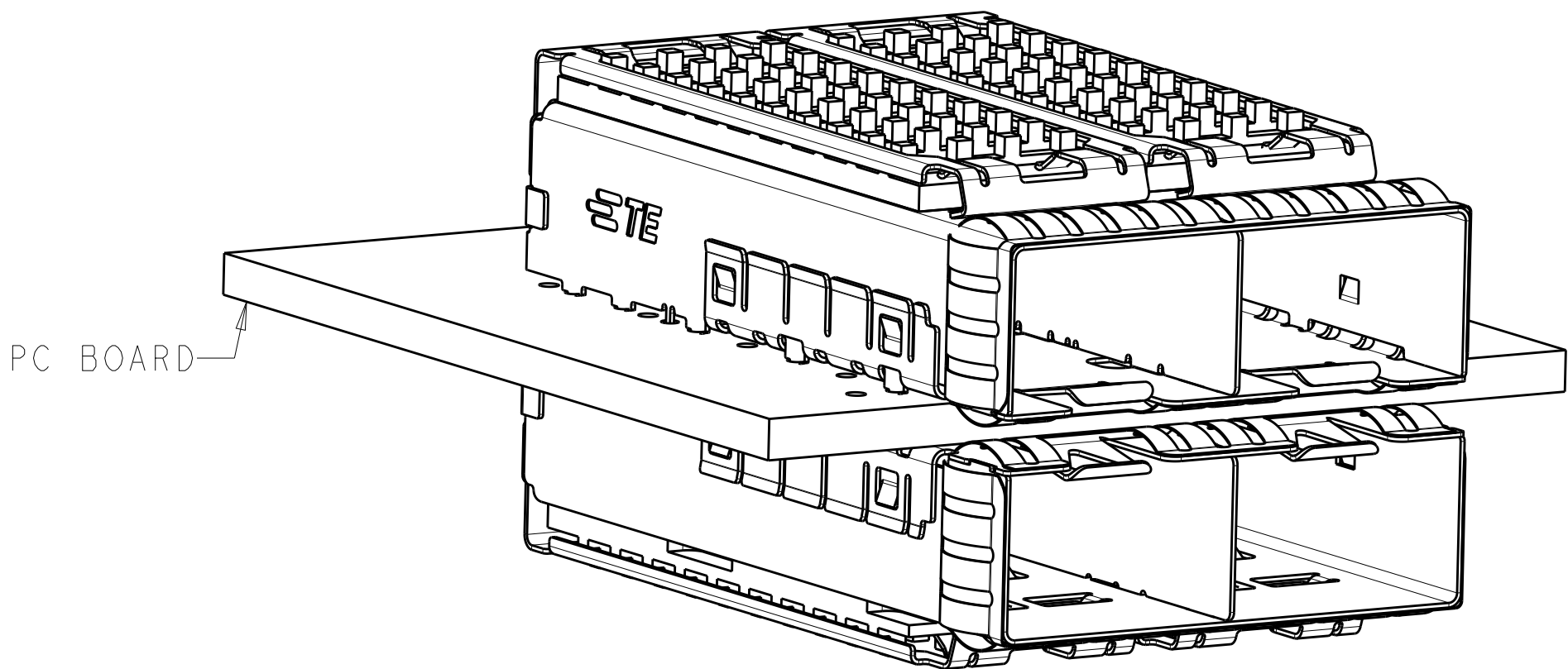
1-2198230-4
FINISHED ASSEMBLY WITH
PIN TYPE HEAT SINK, WITH BELLY GASKET



APPROXIMATE LOCATION
OF DATE CODE

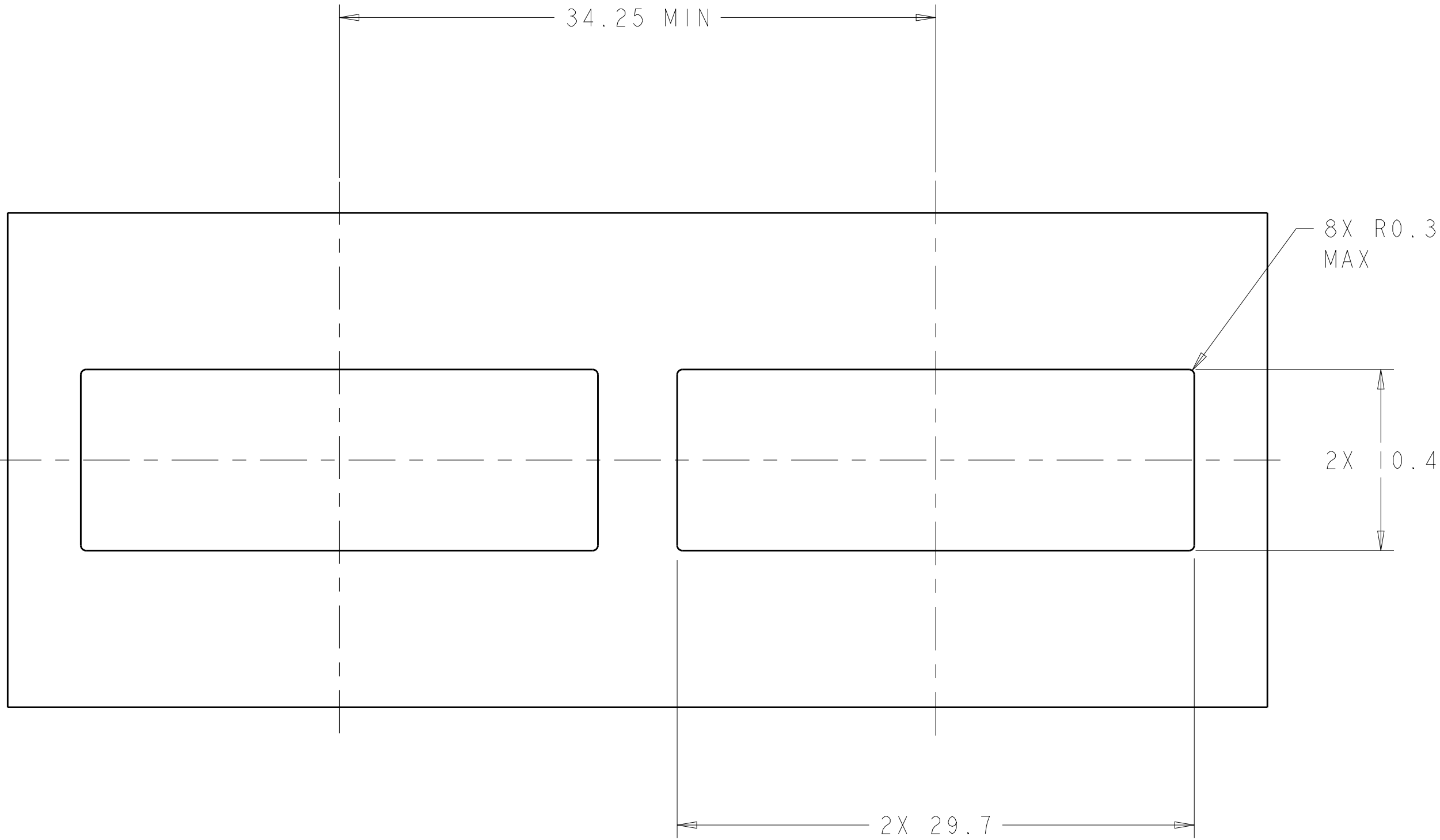
FIN TYPE	22.5	NETWORKING, TALL	2198230-8
FIN TYPE	18.1	NETWORKING, SHORT	2198230-7
FIN TYPE	15.5	SAN	2198230-6
FIN TYPE	13.2	PCI	2198230-5
PIN TYPE	22.5	NETWORKING, TALL	1-2198230-4
PIN TYPE	22.5	NETWORKING, TALL	2198230-4
PIN TYPE	18.1	NETWORKING, SHORT	2198230-3
PIN TYPE	15.5	SAN	2198230-2
PIN TYPE	13.2	PCI	2198230-1
HEAT SINK	A 13 DESCRIPTION		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				OWN C. VALENTIN 06OCT2011		 TE Connectivity					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.13 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±.05 4 PLC ±.05		CHK M. SCHMITT 06OCT2011							
				APVD M. SCHMITT 06OCT2011							
		PRODUCT SPEC 108-2364		NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK							
		APPLICATION SPEC 114-13120									
		WEIGHT -									
MATERIAL		FINISH		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
				A100779		C=2198230		-		-	
Customer Drawing				SCALE		2:1		SHEET		1 OF 4	
										REV B	

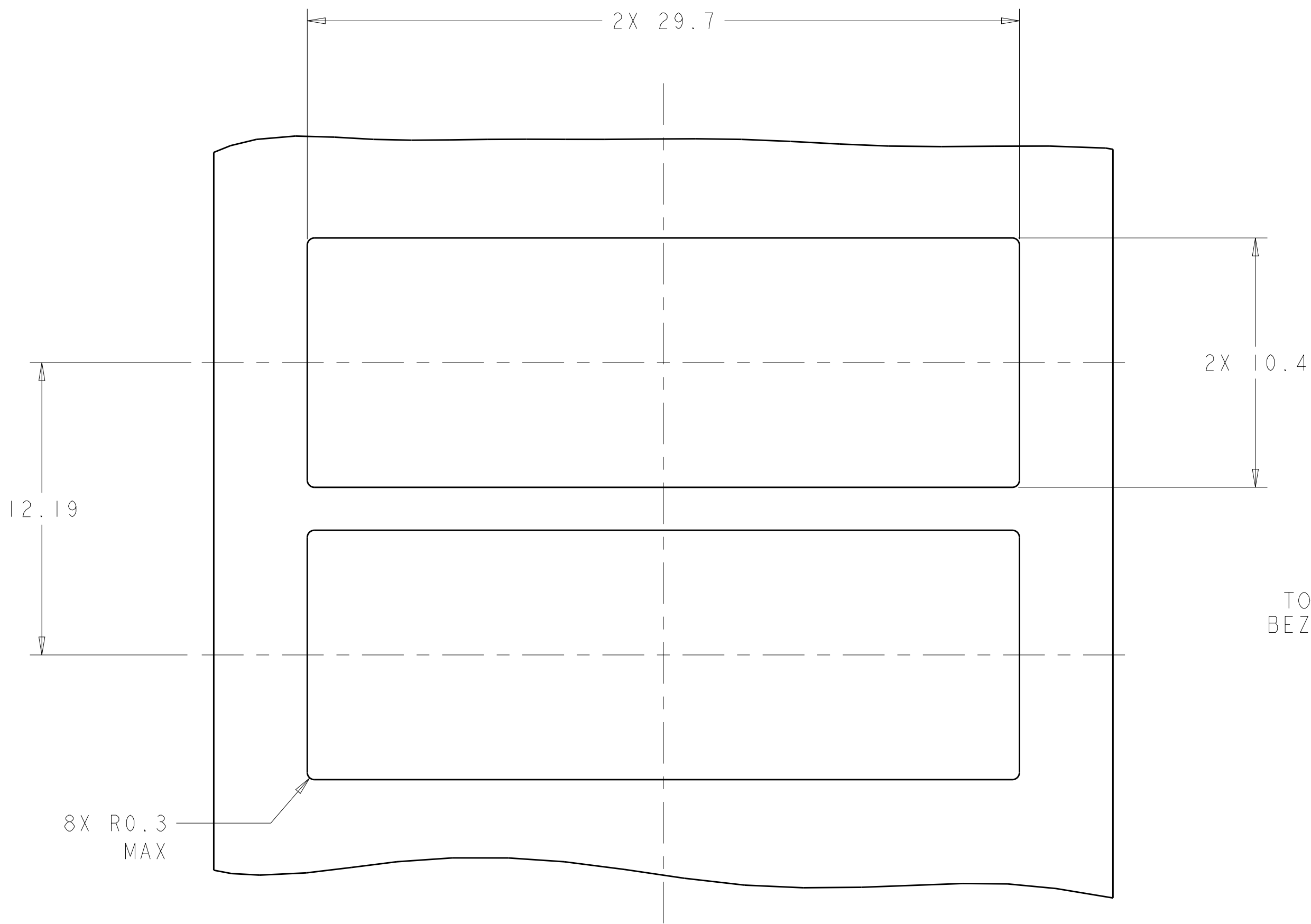


2198230-1
MOUNTED BELLY TO BELLY
SCALE 3:1

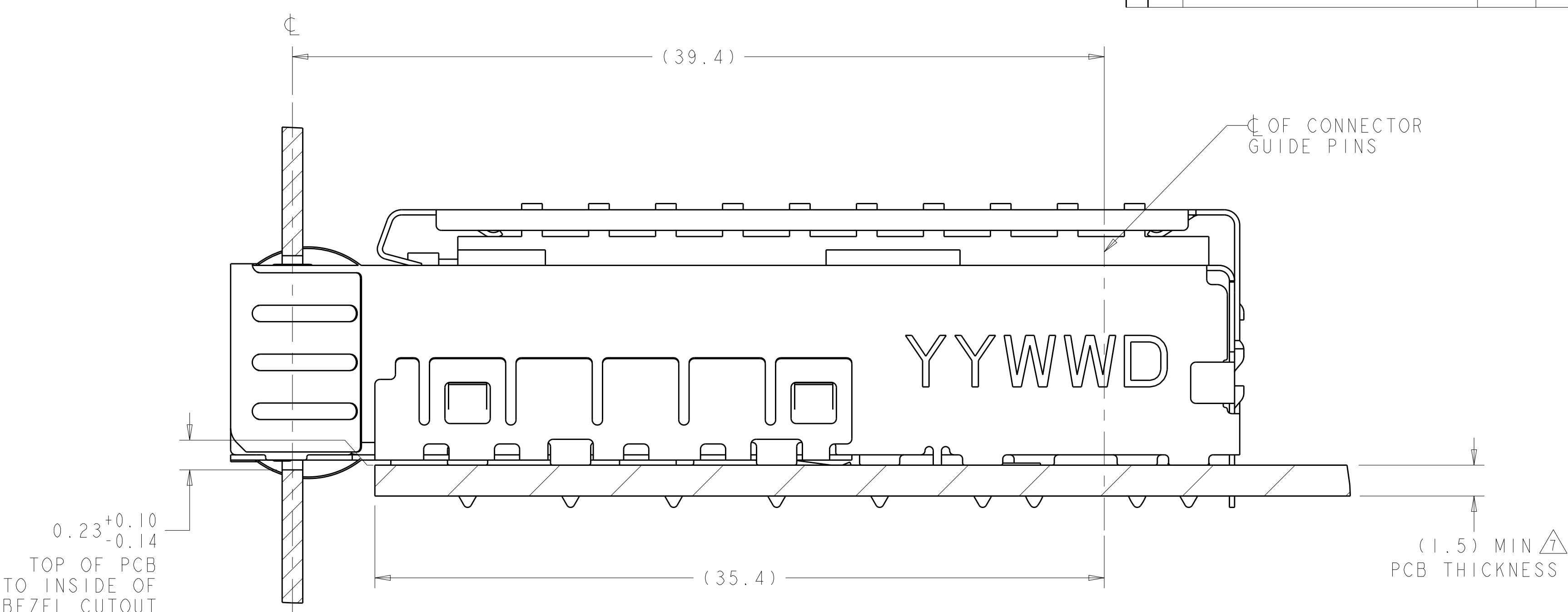
LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD		
		-		SEE SHEET 1	-	-	-		



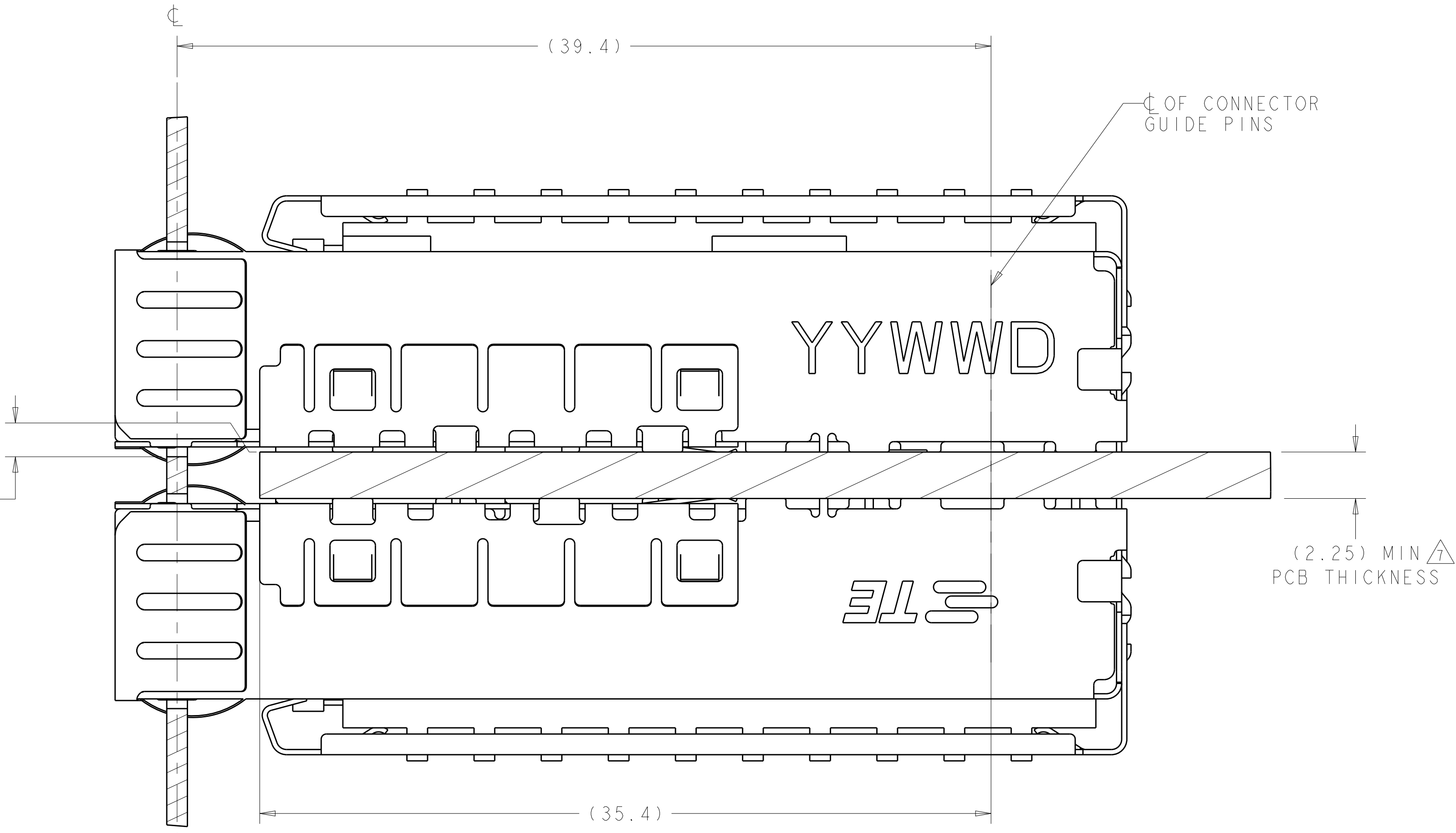
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 4:1



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

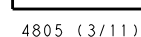


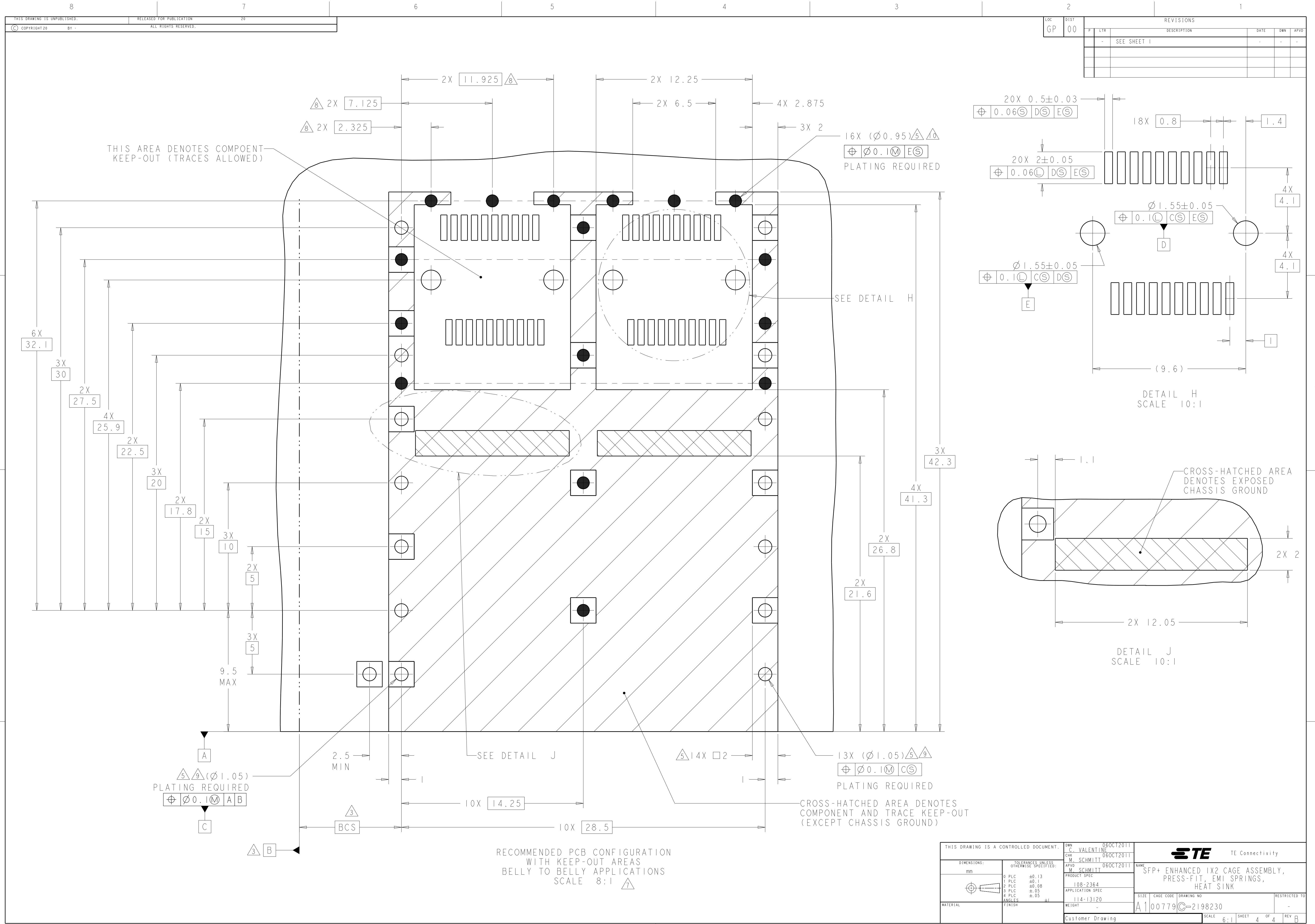
2198230-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



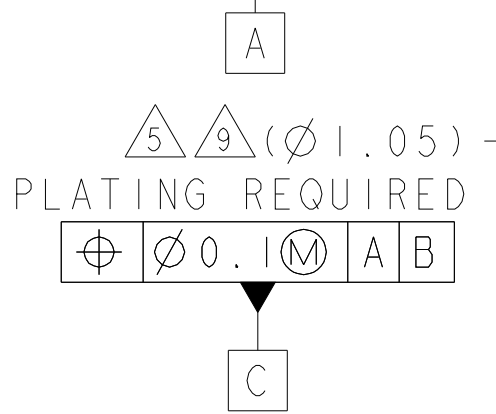
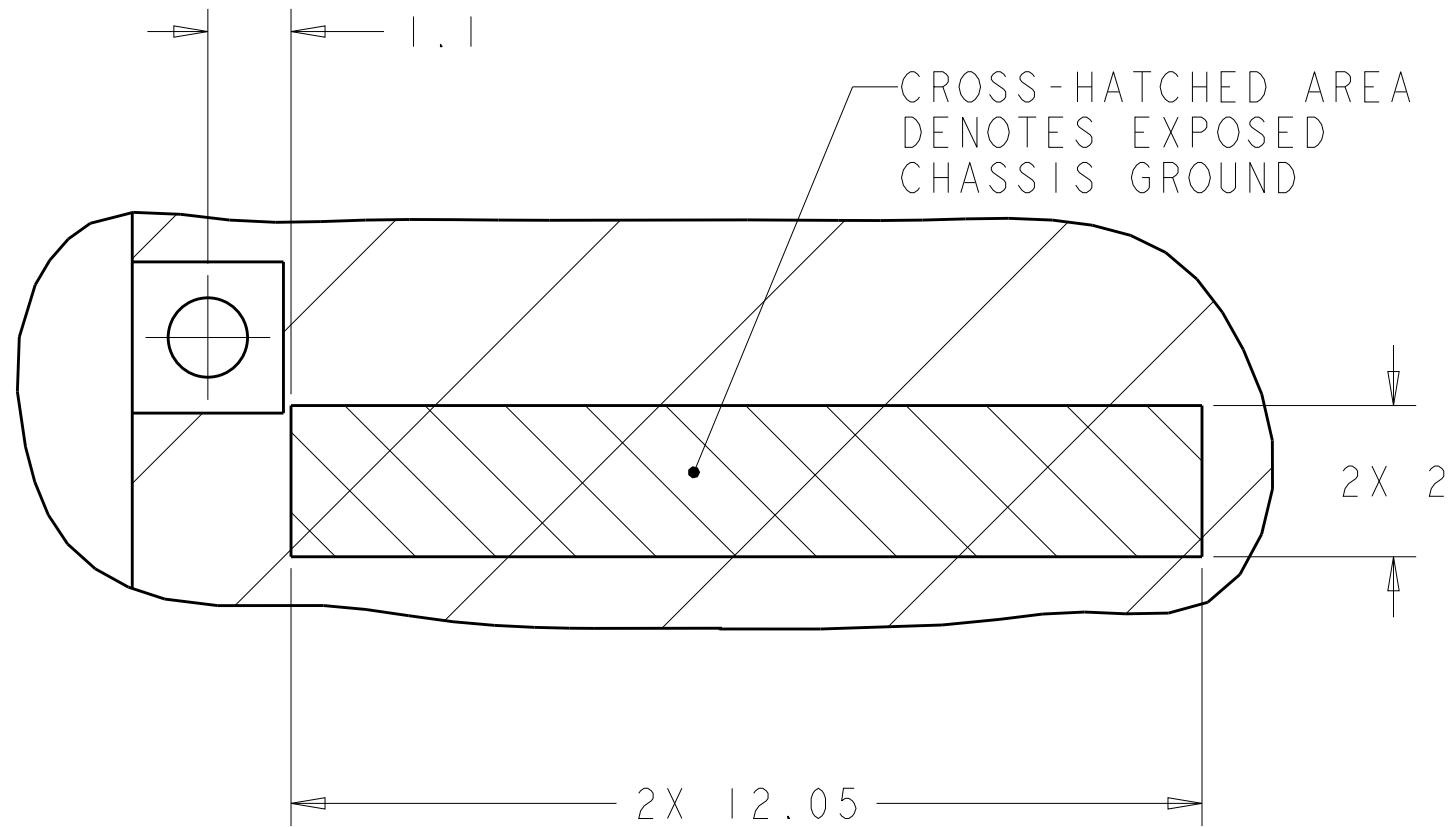
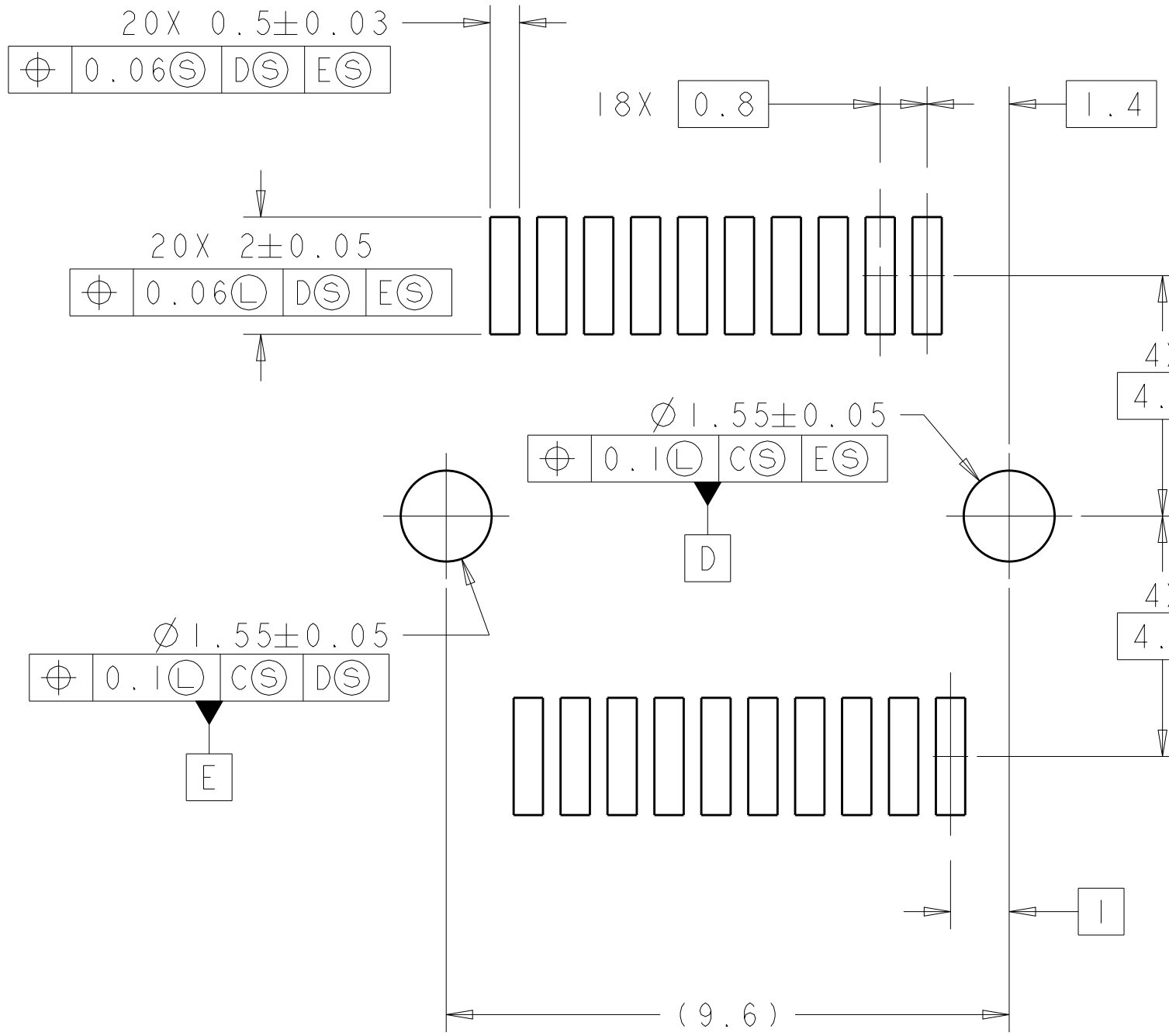
2198230-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK M. SCHMITT APVD M. SCHMITT	06OCT2011 06OCT2011 06OCT2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2364	APPLICATION SPEC 114-13120	SIZE A100779	RESTRICTED TO -
MATERIAL	FINISH	WEIGHT -	Customer Drawing	SCALE 6:1	SHEET 2 OF 4
				REV B	





LOC		DIST		REVISONS			
GP		00		P	LTR	DESCRIPTION	DATE
						SEE SHEET 1	



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE 06OCT2011		
DIMENSIONS:		CHK M. SCHMITT 06OCT2011		
mm		APVD M. SCHMITT 06OCT2011	NAME SFP+ ENHANCED 1X2 CAGE ASSEMBLY, PRESS-FIT, EMI SPRINGS, HEAT SINK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-2364	SIZE A100779	
0 PLC ±0.13 1 PLC ±0.1 2 PLC ±0.08 3 PLC ±0.05 4 PLC ±0.05		APPLICATION SPEC 114-13120	CAGE CODE C=2198230	
MATERIAL		FINISH	RESTRICTED TO -	
		WEIGHT	Customer Drawing	
		SCALE 6:1	SHEET 4 OF 4	
			REV B	