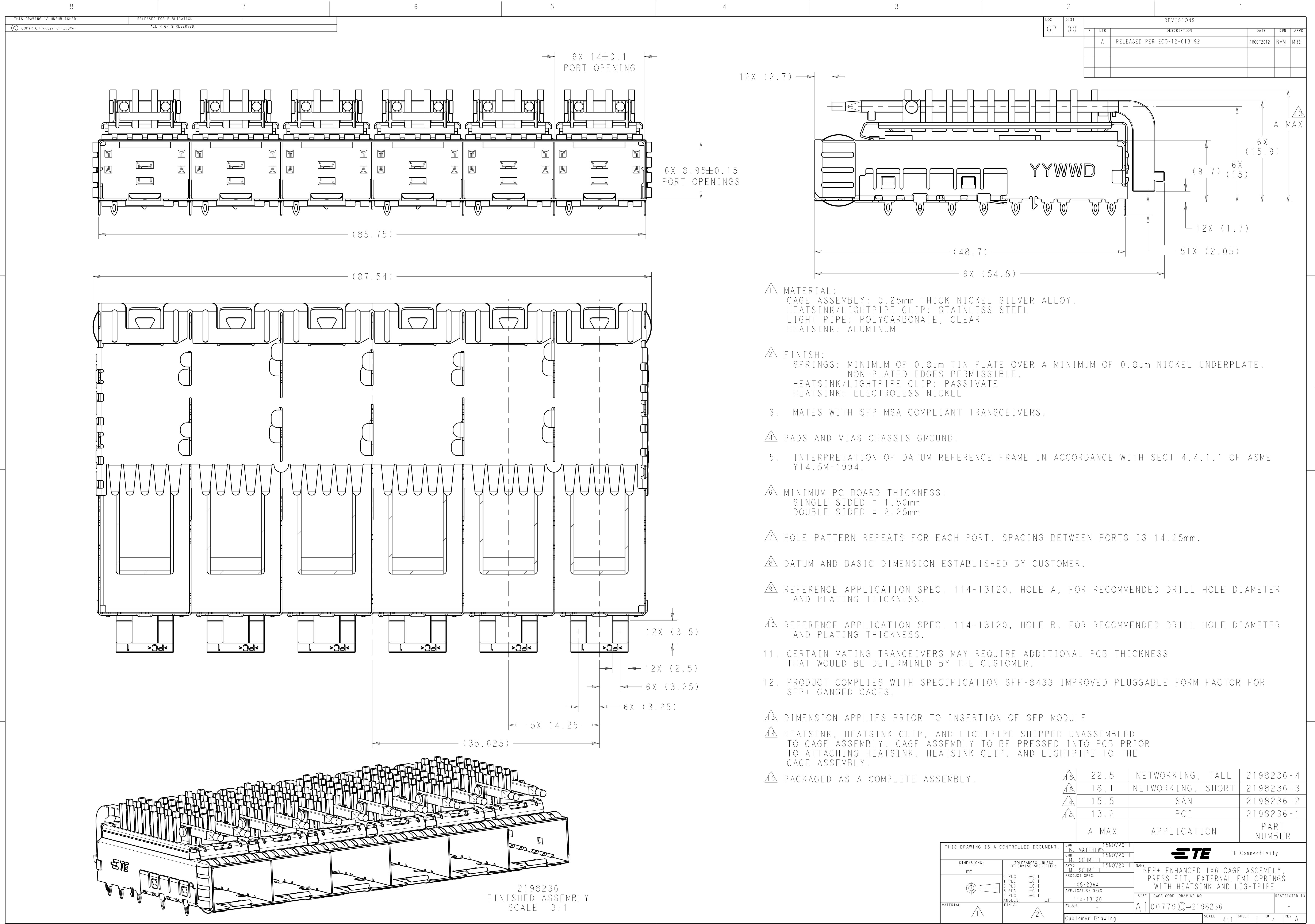




LOC		DIST		REVISIONS					
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A	RELEASED PER ECO-12-013192	180C12012	BMM	MRS

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 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK/LIGHTPIPE CLIP: PASSIVATE
HEATSINK: ELECTROLESS NICKEL

3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.

4 PADS AND VIAS CHASSIS GROUND.

5. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.

6 MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
DOUBLE SIDED = 2.25mm

7 HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

8 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

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 TRANSCEIVERS MAY REQUIRE ADDITIONAL PCB THICKNESS THAT WOULD 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

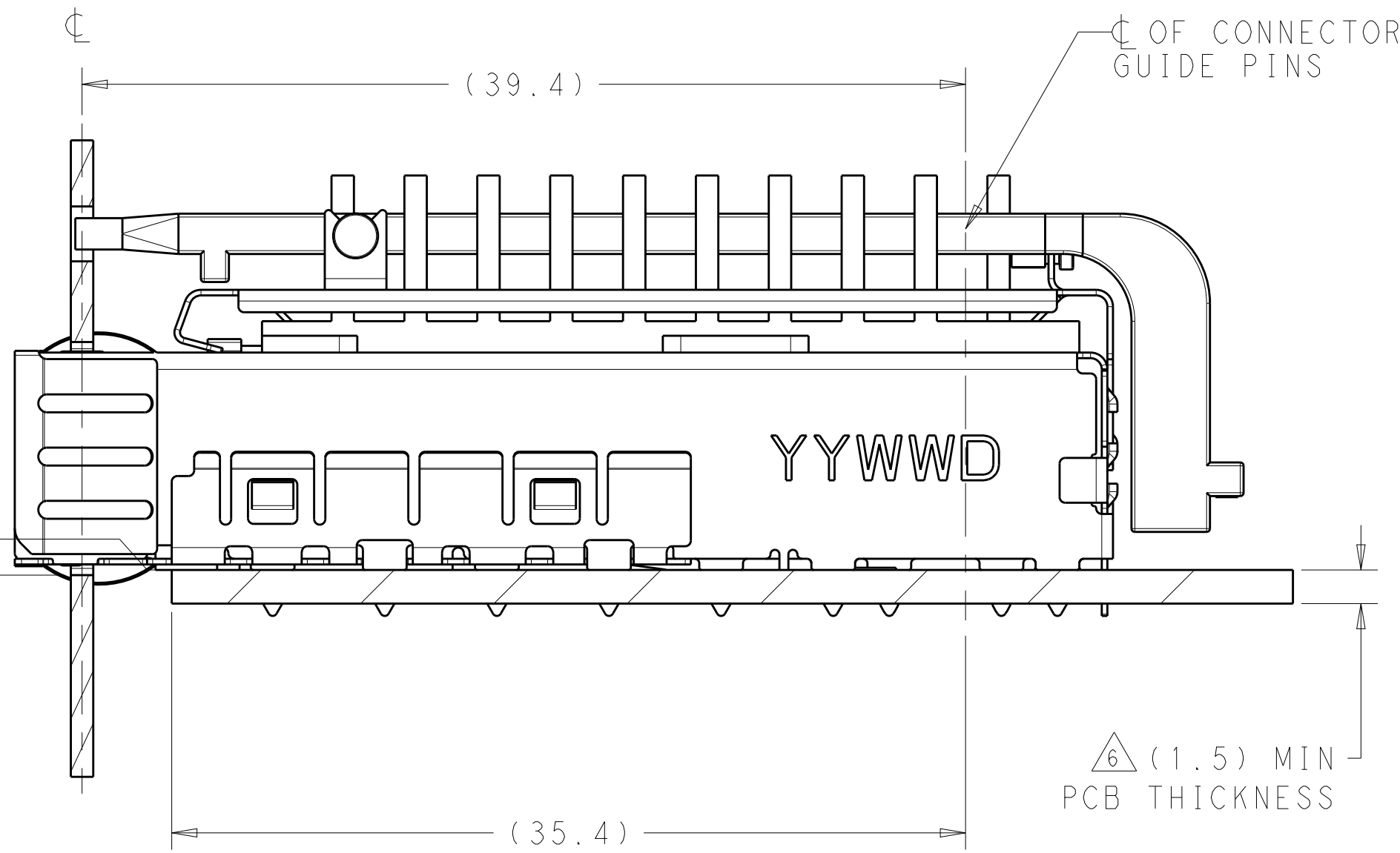
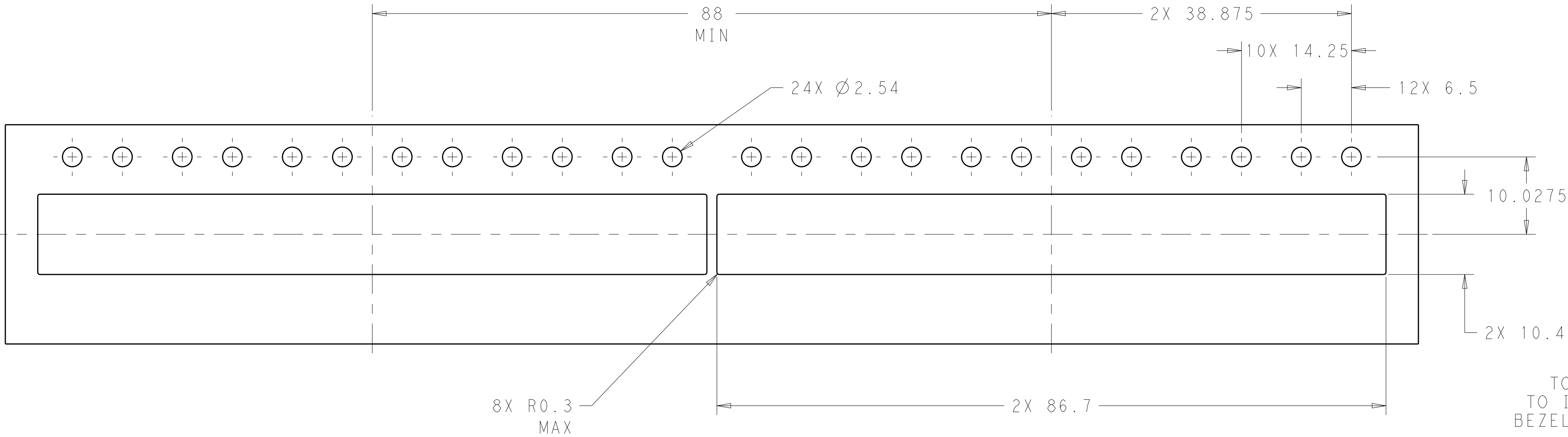
14 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.

15 PACKAGED AS A COMPLETE ASSEMBLY.

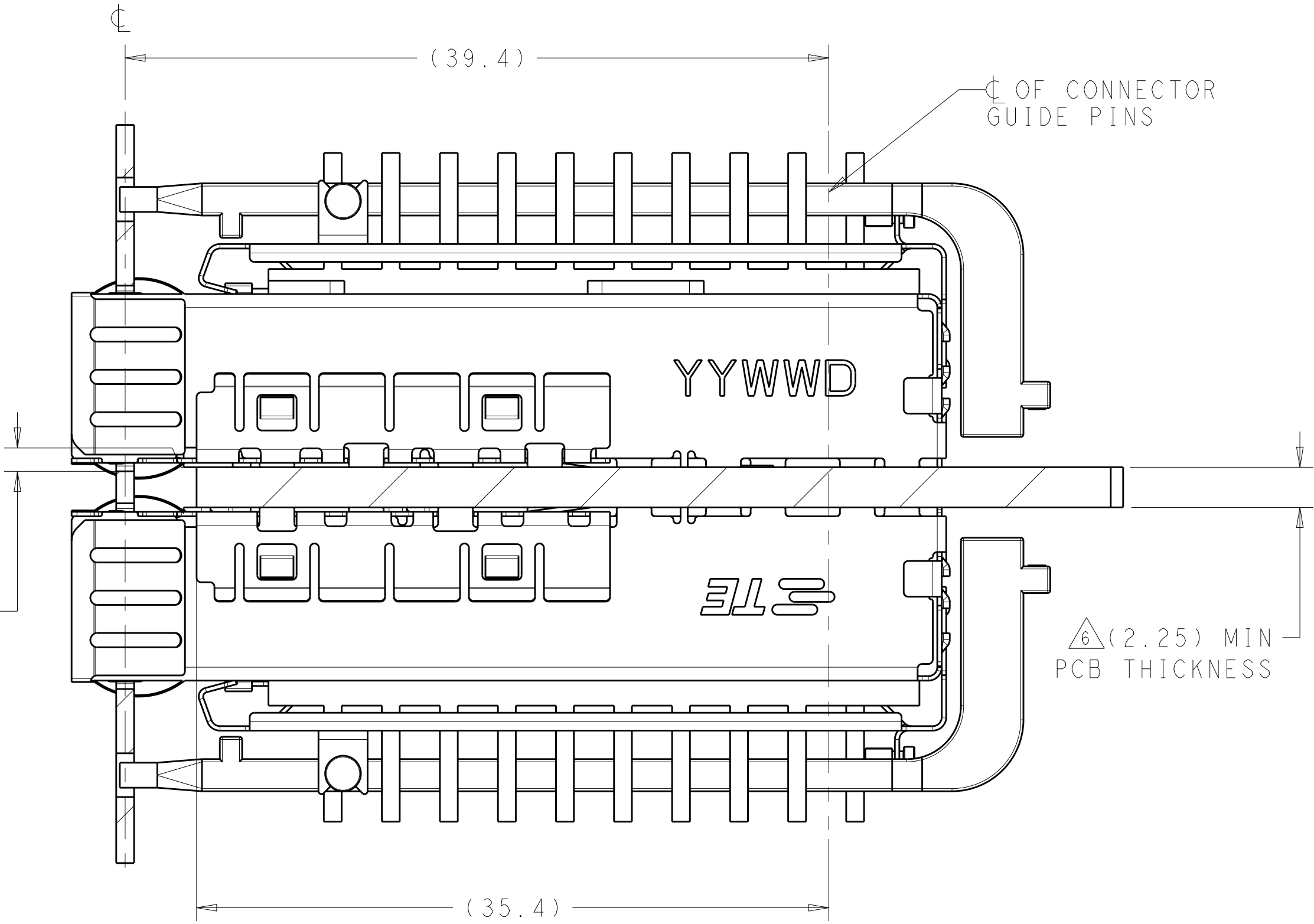
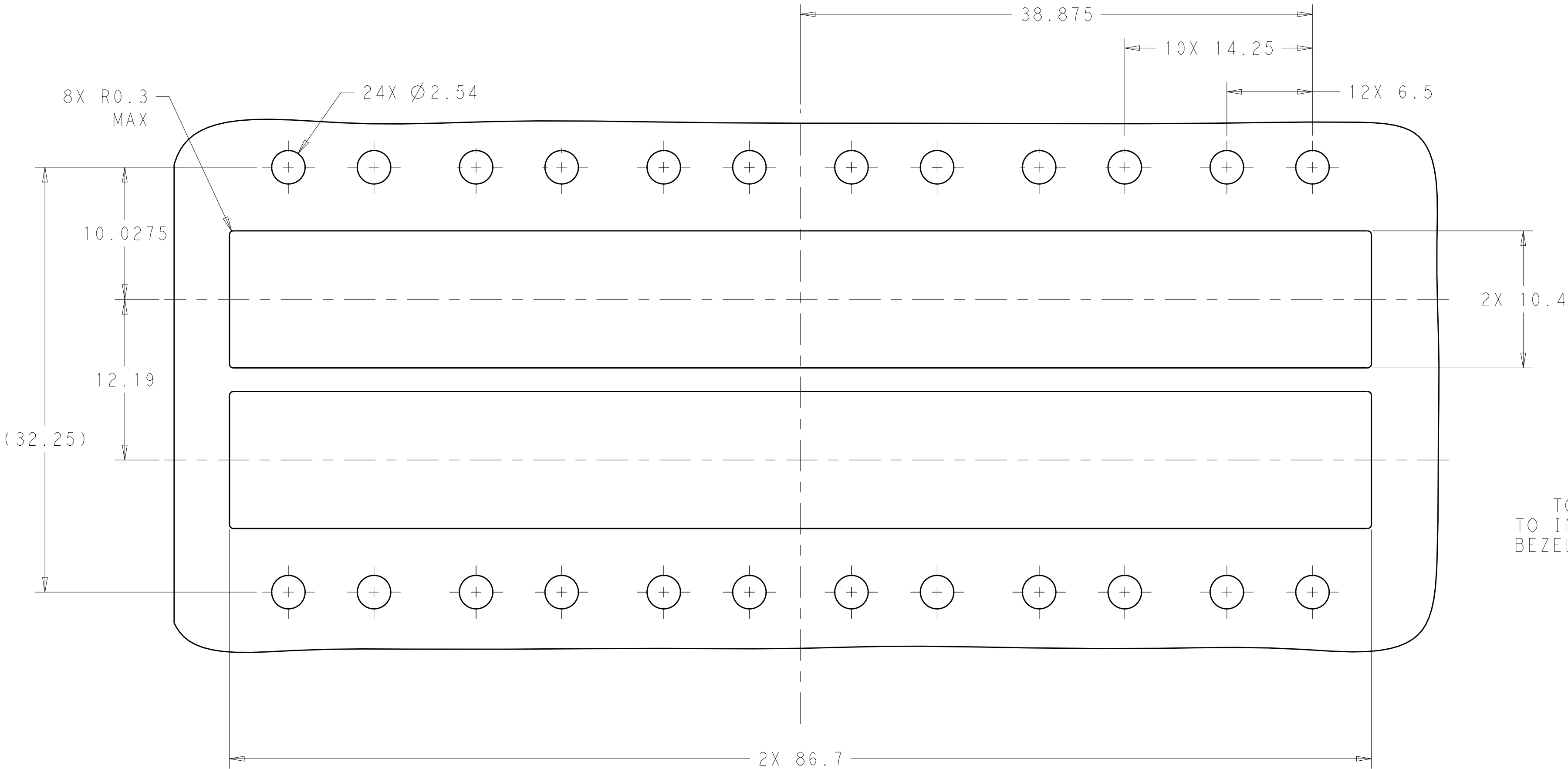
22.5	NETWORKING, TALL	2198236-4
18.1	NETWORKING, SHORT	2198236-3
15.5	SAN	2198236-2
13.2	PCI	2198236-1
A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	 TE Connectivity	
DIMENSIONS: mm		CHK M. SCHMITT 15NOV2011		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. SCHMITT 15NOV2011	NAME	
		PRODUCT SPEC	SFP+ ENHANCED 1X6 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
		108-2364		
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1		APPLICATION SPEC	SIZE	
FINISH		114-13120	CAGE CODE	
MATERIAL		WEIGHT	DRAWING NO	
		-	A100779	
		Customer Drawing	C=2198236	
			RESTRICTED TO	
			SCALE 4:1 SHEET 1 OF 4 REV A	

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

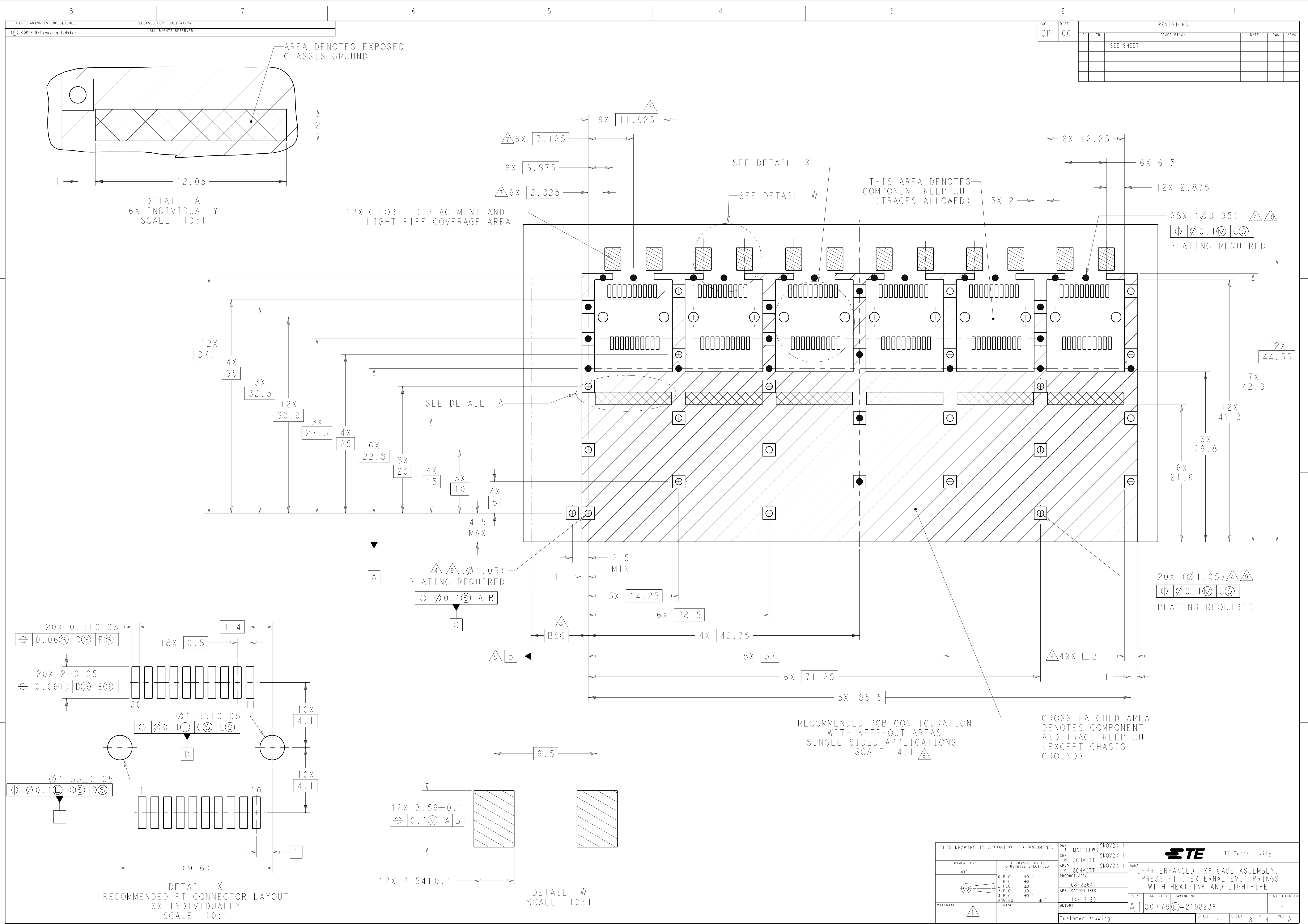


2198236
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

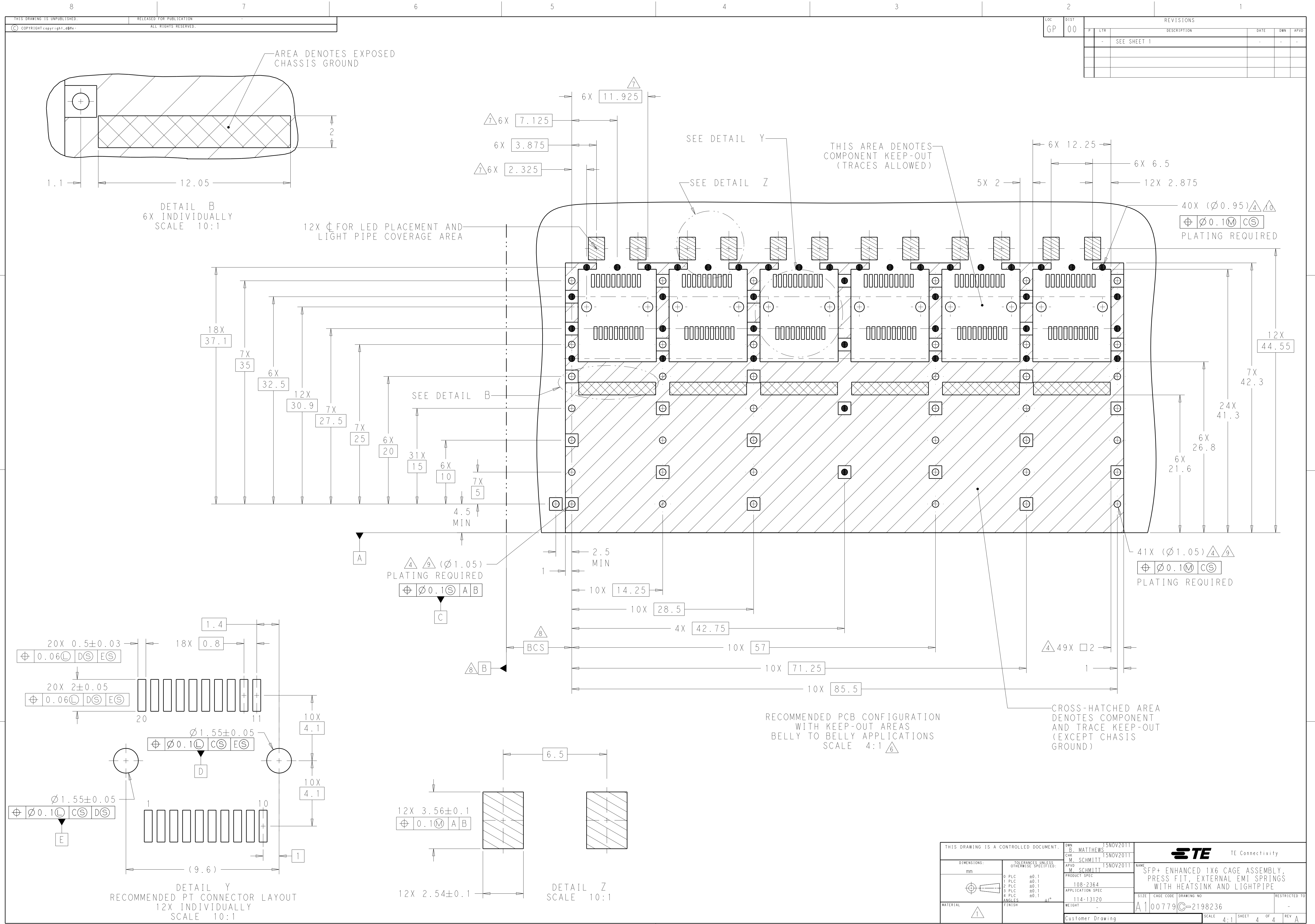


2198236
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK M. SCHMITT APVD M. SCHMITT	15NOV2011 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° FINISH		SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
MATERIAL		114-13120		SIZE	
		WEIGHT		CAGE CODE	
		Customer Drawing		DRAWING NO	
				RESTRICTED TO	
				A100779C=2198236	
				SCALE	
				4:1	
				SHEET	
				2 OF 4	
				REV	
				A	



LOC		DIST		REVISONS			
GP		00		DATE	OWN	APVD	
				SEE SHEET 1	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

	0 PLC	1 PLC	2 PLC	3 PLC	4 PLC	ANGLES	FINISH
	$\pm$ 0.1	$\pm$ 0.1	$\pm$ 0.1	$\pm$ 0.1	$\pm$ 0.1	$\pm$ 1°	$\pm$ 1°

MATERIAL

OWN B. MATTHEWS 15NOV2011

CHK M. SCHMITT 15NOV2011

APVD W. SCHMITT 15NOV2011

PRODUCT SPEC

108-2364

APPLICATION SPEC

114-13120

WEIGHT

Customer Drawing

NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE

SIZE 100779

CAGE CODE

DRAWING NO

2198236

RESTRICTED TO

SCALE 4:1

SHEET 4 OF 4

REV A

TE Connectivity