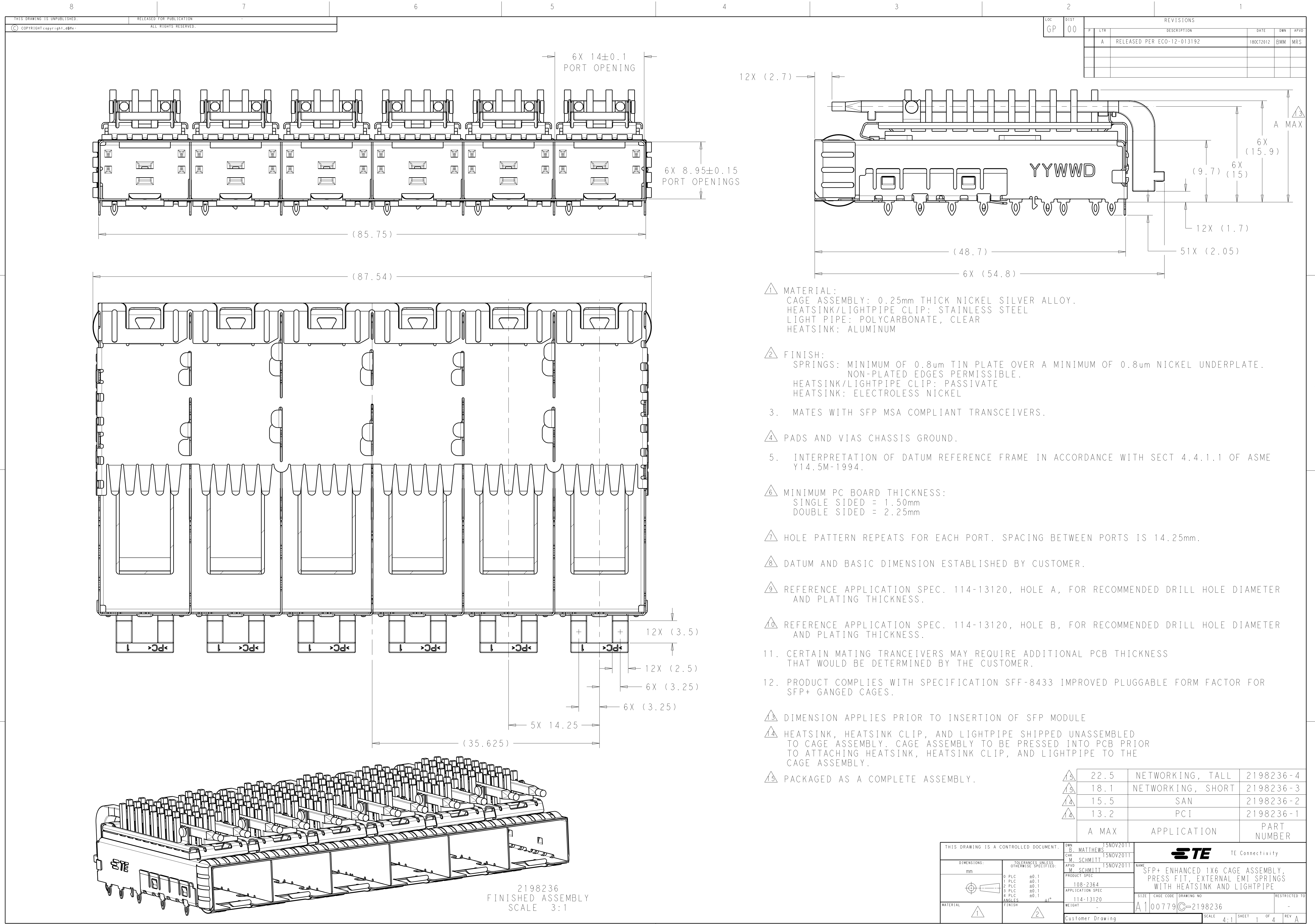




8		7		6		5		4		3		2		1	
THIS DRAWING IS UNPUBLISHED.				RELEASED FOR PUBLICATION											
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6X 14±0.1 PORT OPENING															
12X (2.7) ±0.1															
LOC		DIST		REVISIONS											
GP		00		P	LTR	DESCRIPTION					DATE		DWN	APVD	
					A	RELEASED PER ECO-12-013192					18OCT2012		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 SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120	SIZE A100779	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1			CAGE CODE C=2198236	
MATERIAL		WEIGHT	RESTRICTED TO	
 1		 2	SCALE 4:1 SHEET 1 OF 4 REV A	

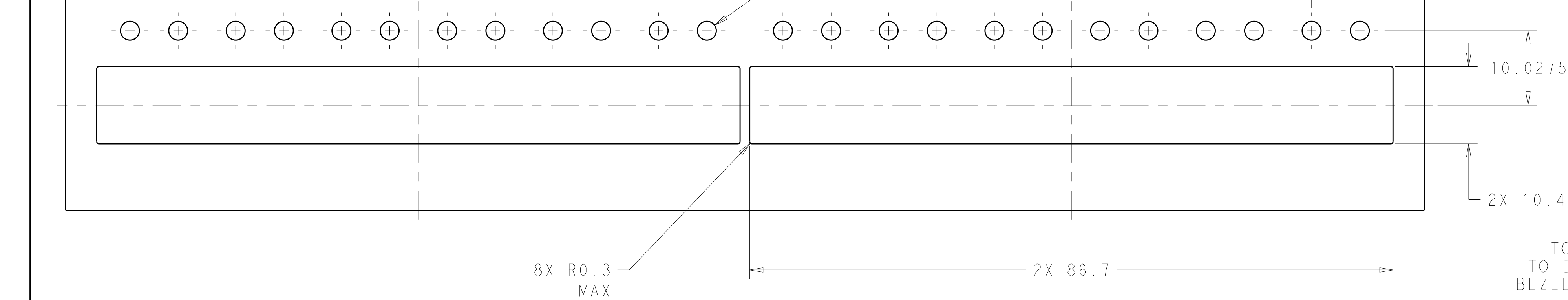
LOC		DIST		REVISONS			
GP		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1	-	-	-

D

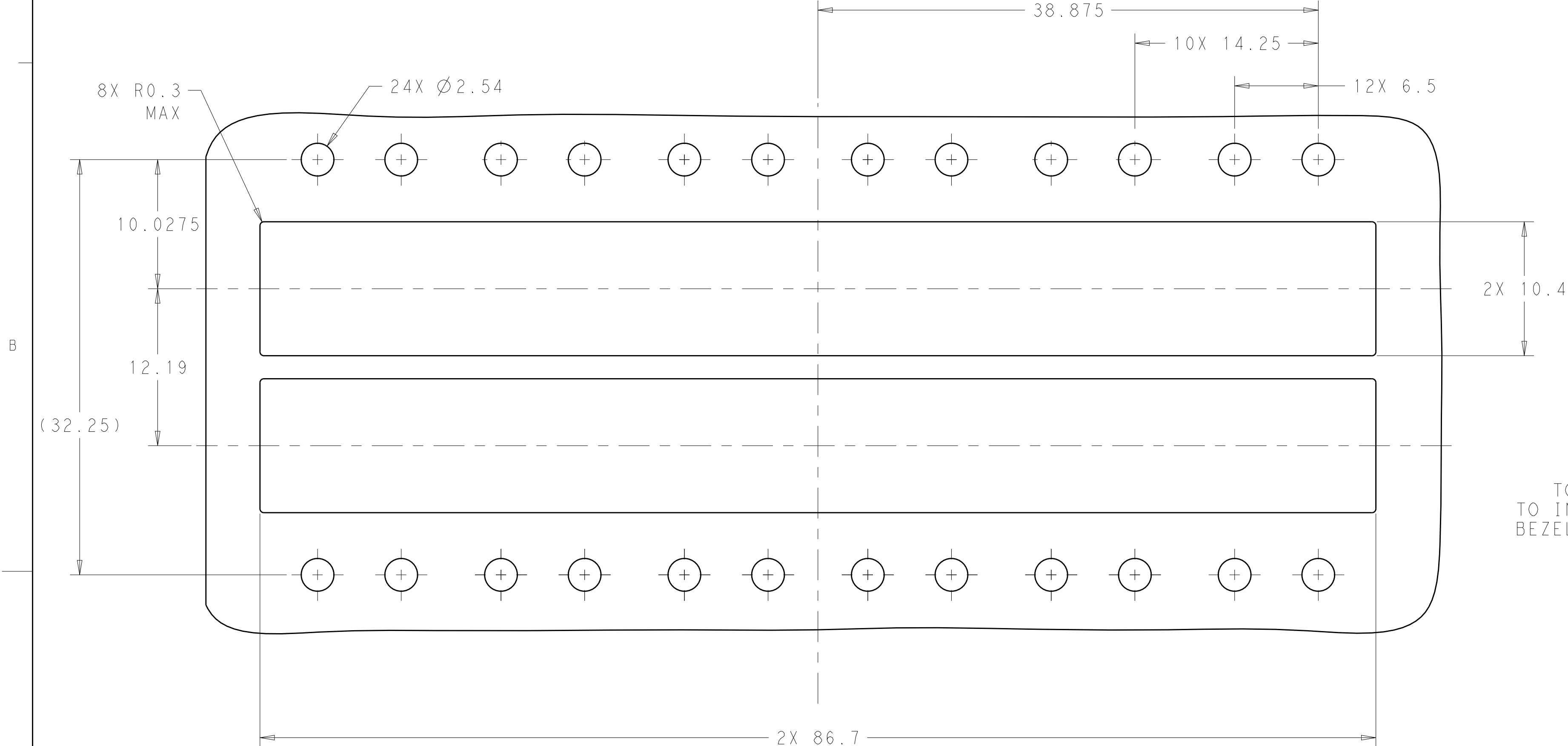
C

B

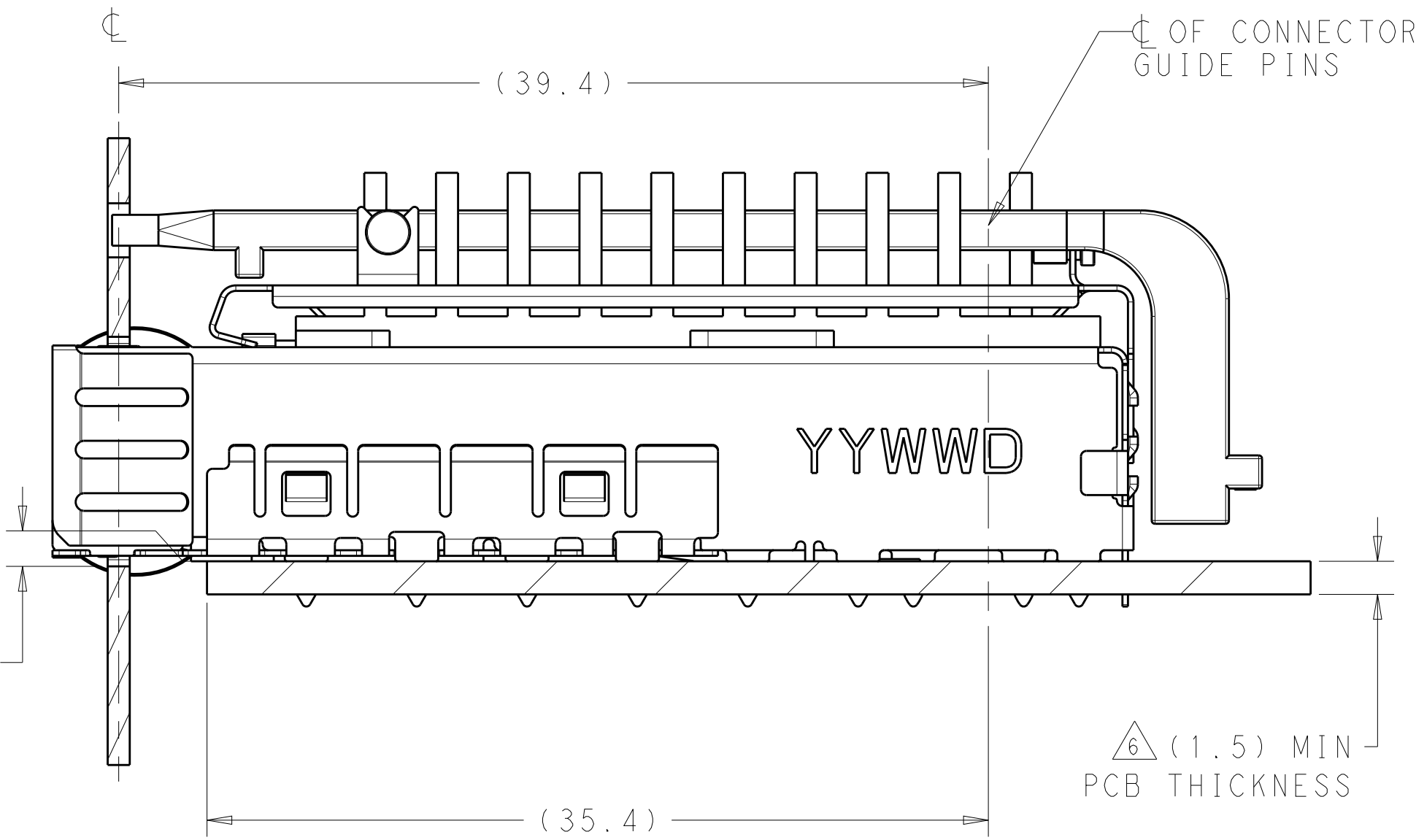
A



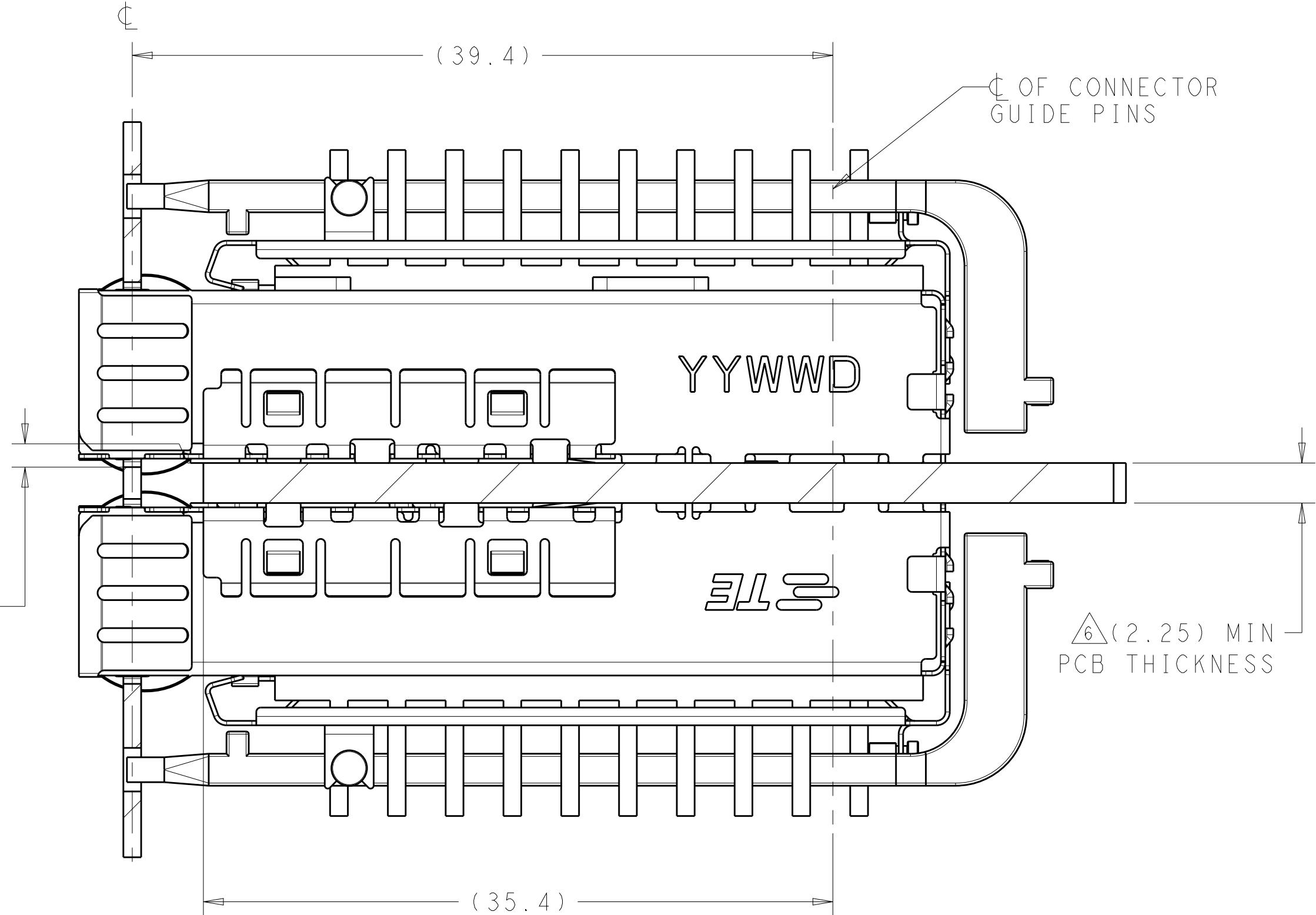
RECOMMENDED BEZEL CUT-OUT
SINGLE SIDED APPLICATIONS
SCALE 5:2



RECOMMENDED BEZEL CUT-OUT
BELLY TO BELLY APPLICATIONS

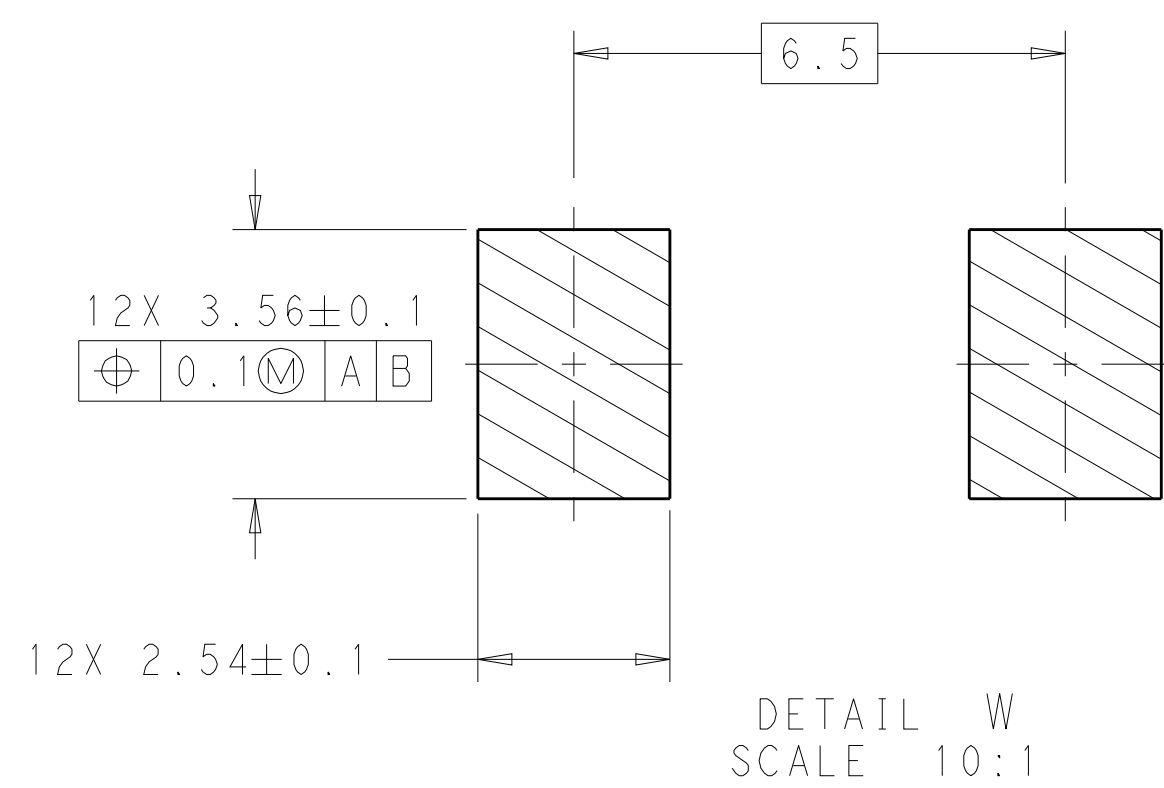


2198236
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



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	



THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG NO. 15NOV2011 BY: M. MATTHEWS				TE Connectivity	
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONS DECIMALS ANGLES		CHK: M. SCHMITT		15NOV2011	
						APPROV: M. SCHMITT		15NOV2011	
				PRODUCT SPEC		NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE		RESTRICTED TO -	
				108-2364					
				APPLICATION SPEC					
				114-13120					
MATERIAL				WEIGHT		SIZE CASE CODE DRAWING NO		A100779C-2198236	
FINISH				Customer Drawing		SCALE 4:1 SHEET 3 OF 4 REV A			
									



12X ϕ FOR LED PLACEMENT AND
LIGHT PIPE COVERAGE AREA



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS
SCALE 4:1 

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. MATTHEWS		15NOV2011	
DIMENSIONS:		CDR M. SCHMITT		15NOV2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. SCHMITT		15NOV2011	
mm		PRODUCT SPEC		NAME	
		108-2364		SFP+ ENHANCED 1X6 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
APPLICATION SPEC		SIZE		CAGE CODE	
114-13120		DRAWING NO		RESTRICTED TO	
MATERIAL		WEIGHT		A1	
FINISH		Customer Drawing		00779	
		SCALE		C=2198236	
		A 1		SHEET 1 OF 1	
		REV A			

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