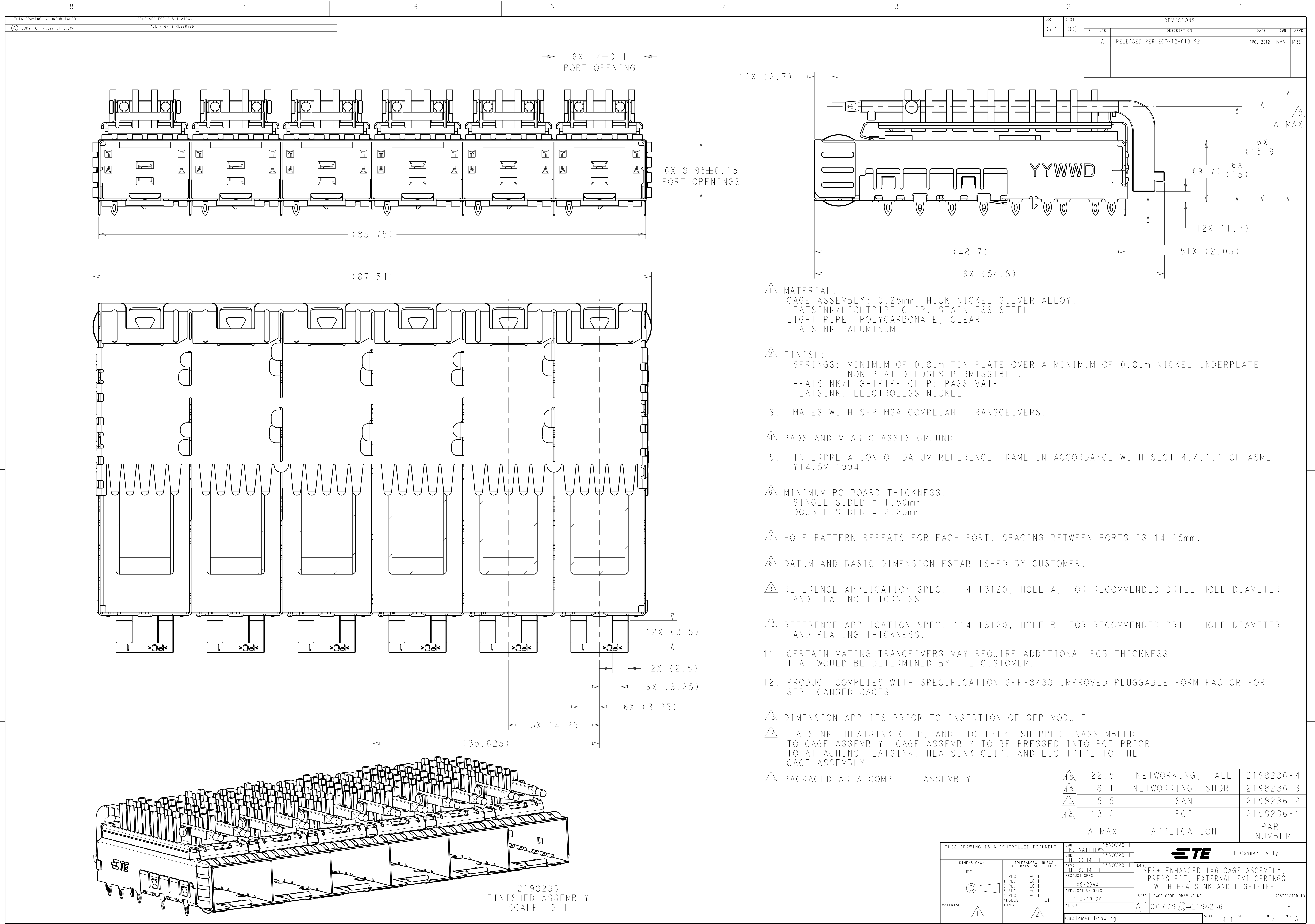




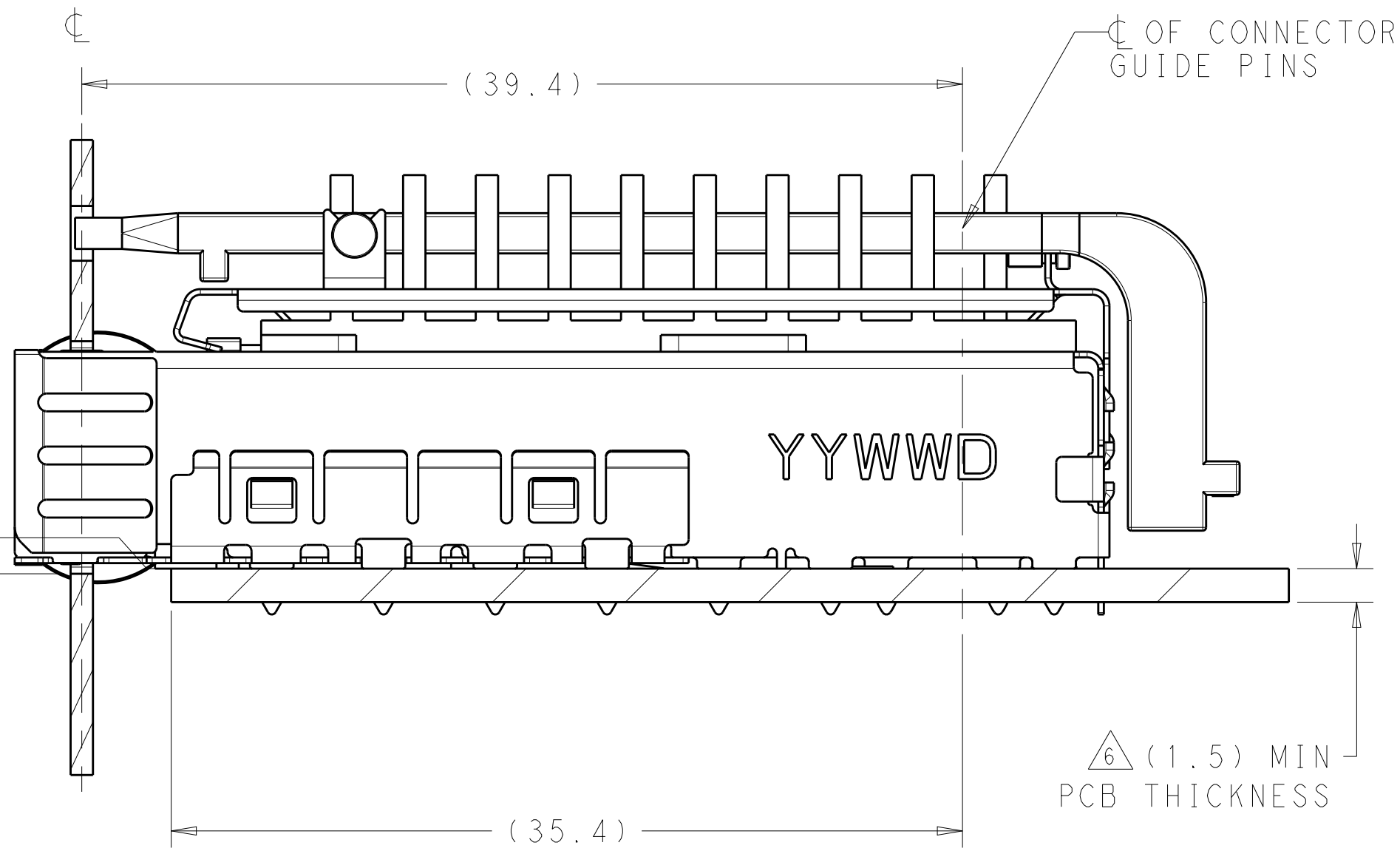
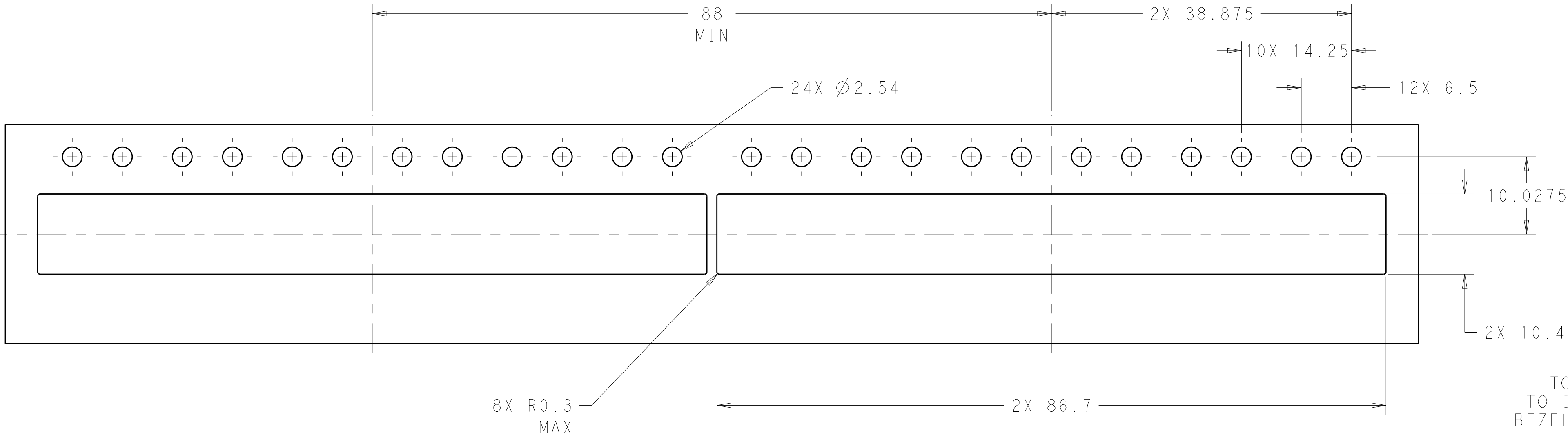
8		7		6		5		4		3		2		1											
THIS DRAWING IS UNPUBLISHED.				RELEASED FOR PUBLICATION																					
© COPYRIGHT copyright.dBTe-				ALL RIGHTS RESERVED.																					
6X 14±0.1 PORT OPENING																LOC	DIST	REVISIONS							
																GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
																			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.

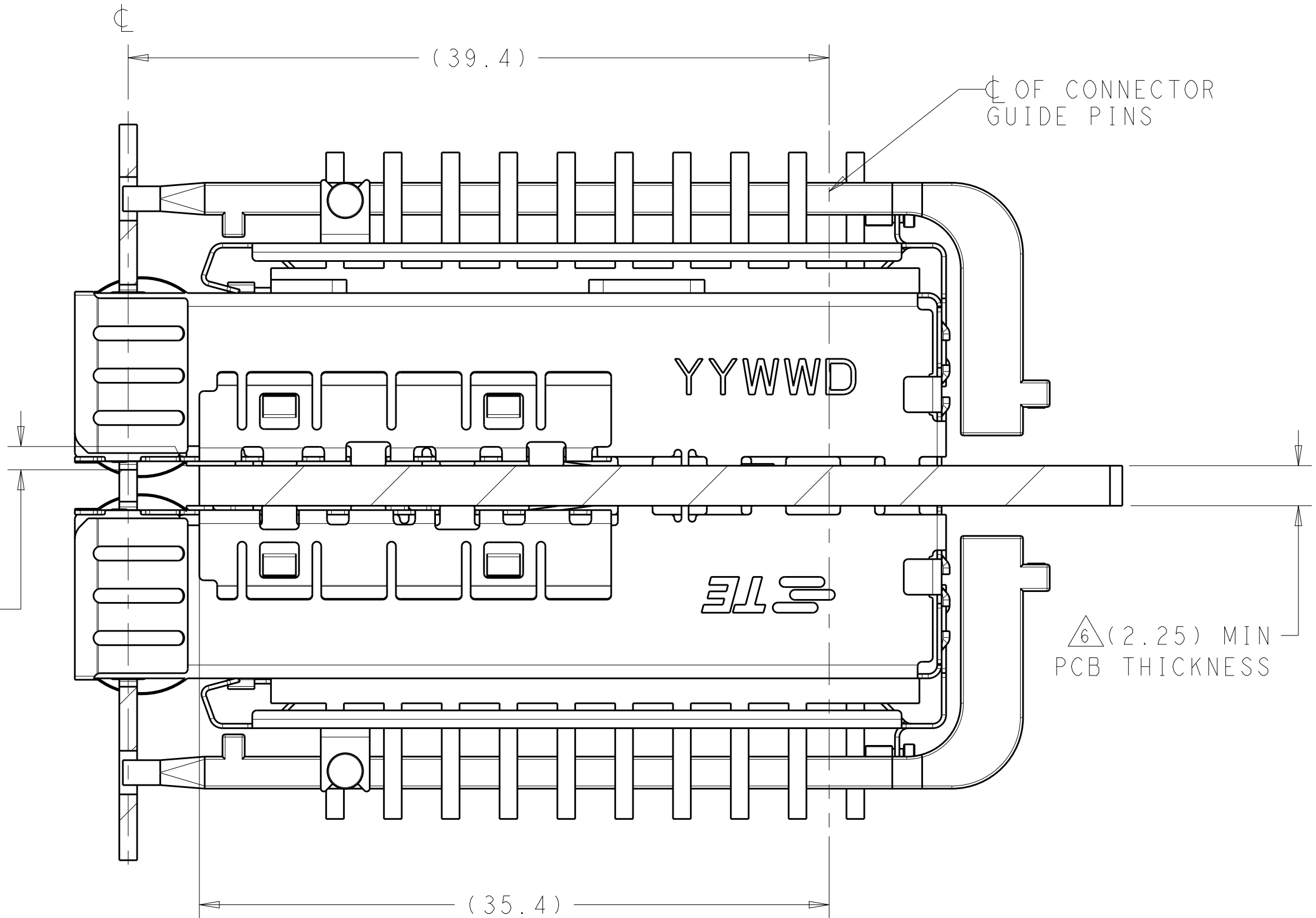
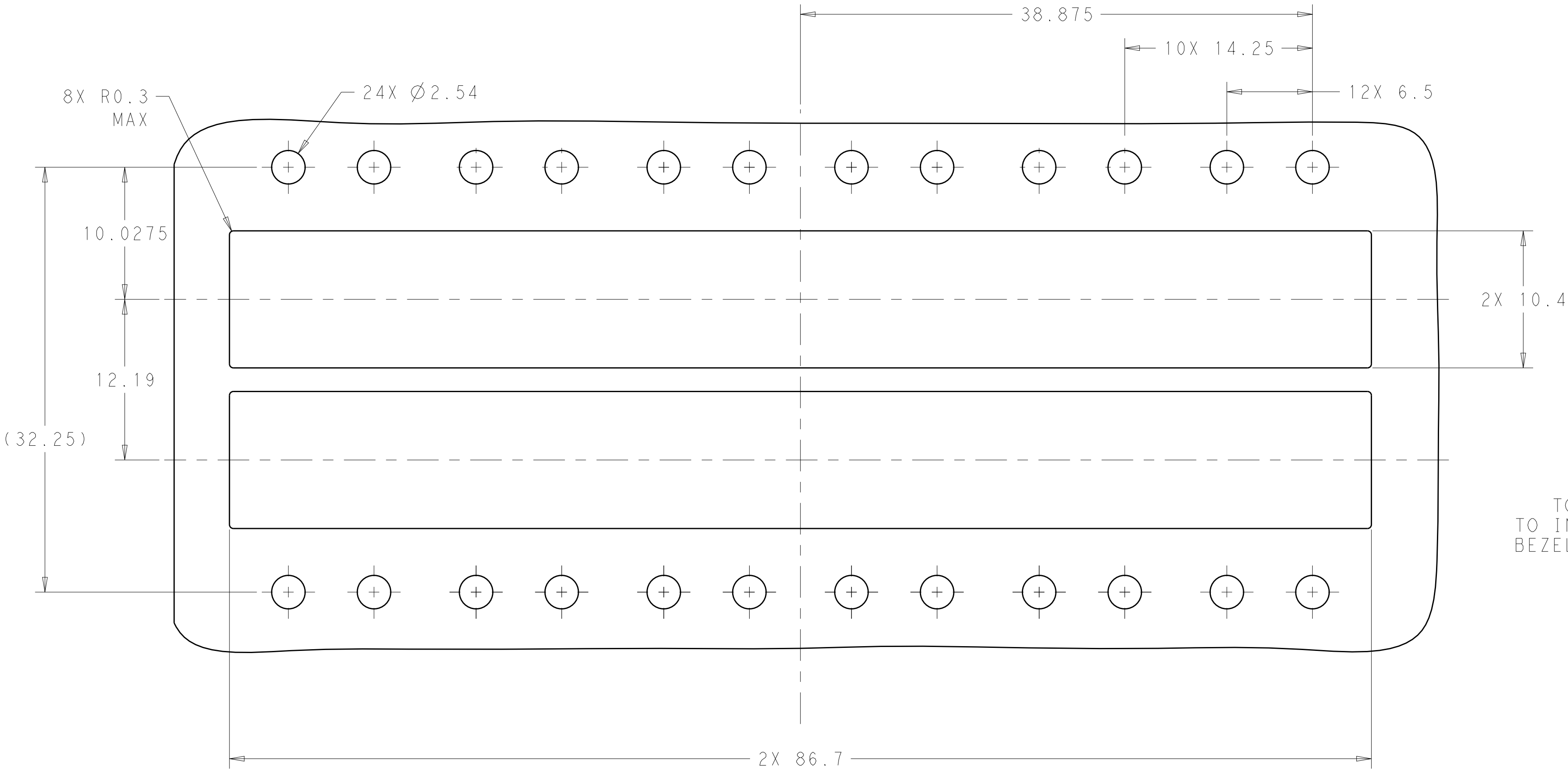
22.5	NETWORKING, TALL	2198236-4
18.1	NETWORKING, SHORT	2198236-3
15.5	SAN	2198236-2
13.2	PCI	2198236-1
A MAX	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011	TE Connectivity	
DIMENSIONS:		CHK M. SCHMITT 15NOV2011		
mm		APVD W. SCHMITT 15NOV2011	NAME	
		PRODUCT SPEC	SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
		108-2364	SIZE	
		APPLICATION SPEC	CAGE CODE DRAWING NO	
		114-13120	RESTRICTED TO	
MATERIAL		WEIGHT	A100779C=2198236	
		Customer Drawing	SCALE 4:1 SHEET 1 OF 4 REV A	

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

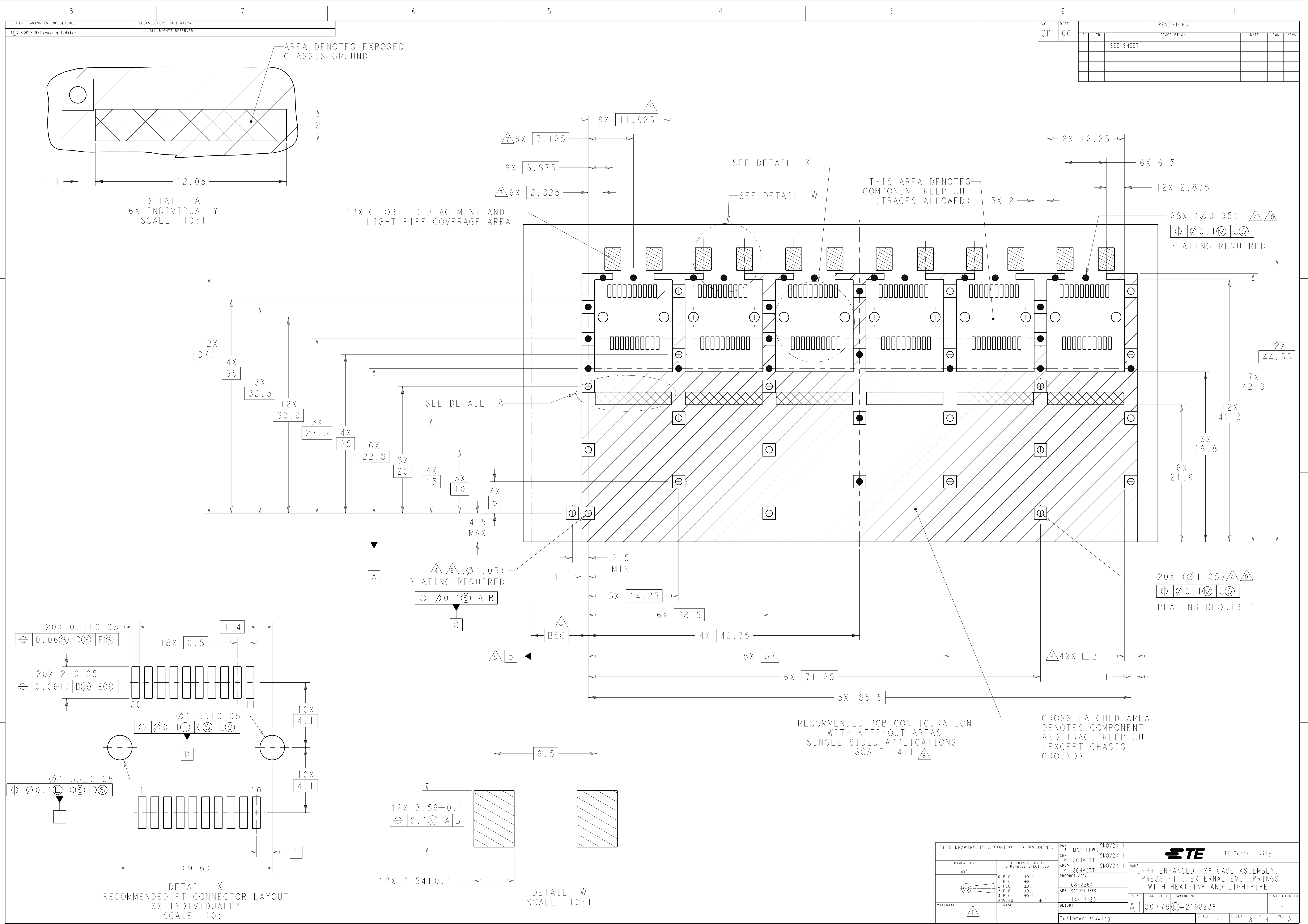


2198236
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



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

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



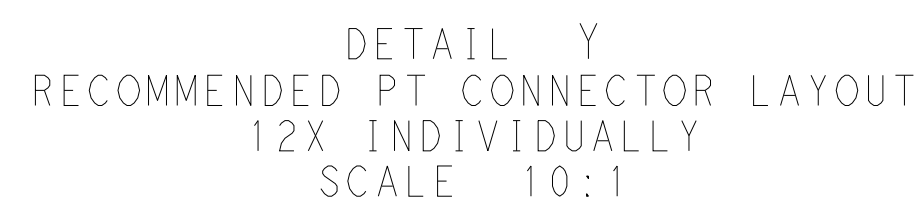


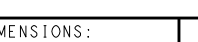
12X C FOR LED PLACEMENT AND
LIGHT PIPE COVERAGE AREA



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 <u>B</u> 15NOV2011 CHK <u>M</u> <u>MATTHEWS</u> APP'D <u>M</u> <u>SCHMITT</u> 15NOV2011		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.1 1 PLC ± 0.1 2 PLC ± 0.1 3 PLC ± 0.1 4 PLC ± 0.1		NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
MATERIAL FINISH 		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120 WEIGHT -		SIZE A1 CAGE CODE 00779 DRAWING NO C=2198236 RESTRICTED TO -	
Customer Drawing		SCALE		A : 1 SHEET <u>1</u> OF <u>1</u> REV <u>Δ</u>	