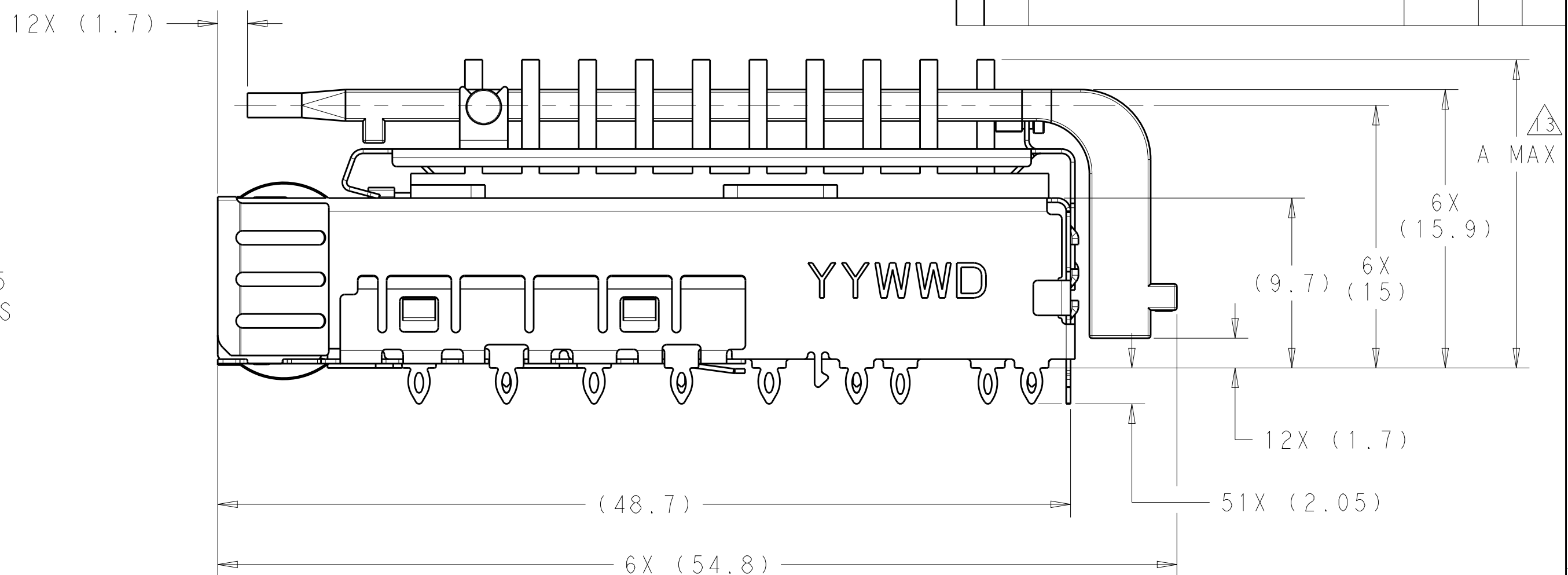




4. PADS AND VIAS CHASSIS GROUND.

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.

△ 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 BE DETERMINED BY THE CUSTOMER.

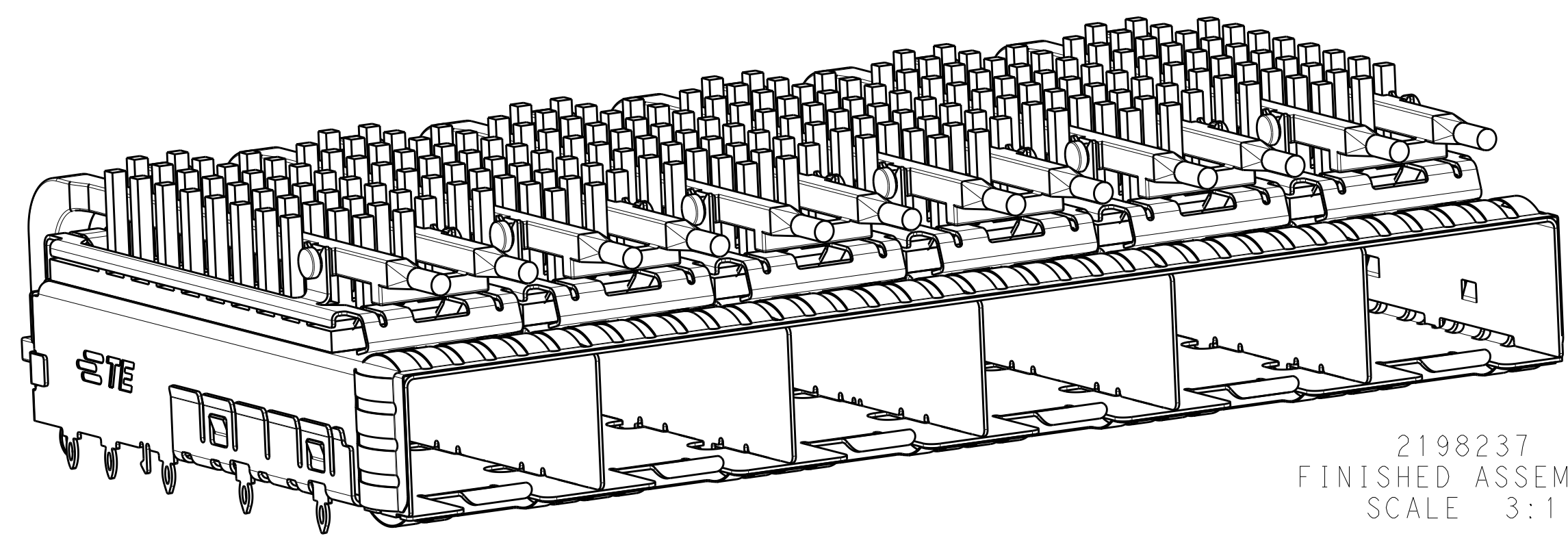
12. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433 IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES.

 DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.

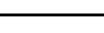
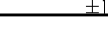
4 HEATSINK, HEATSINK CLIP, AND LIGHTPIPE SHIPPED UNASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY TO BE PRESSED INTO PCB PRIOR TO ATTACHING HEATSINK, HEATSINK CLIP, AND LIGHTPIPE TO THE CAGE ASSEMBLY.

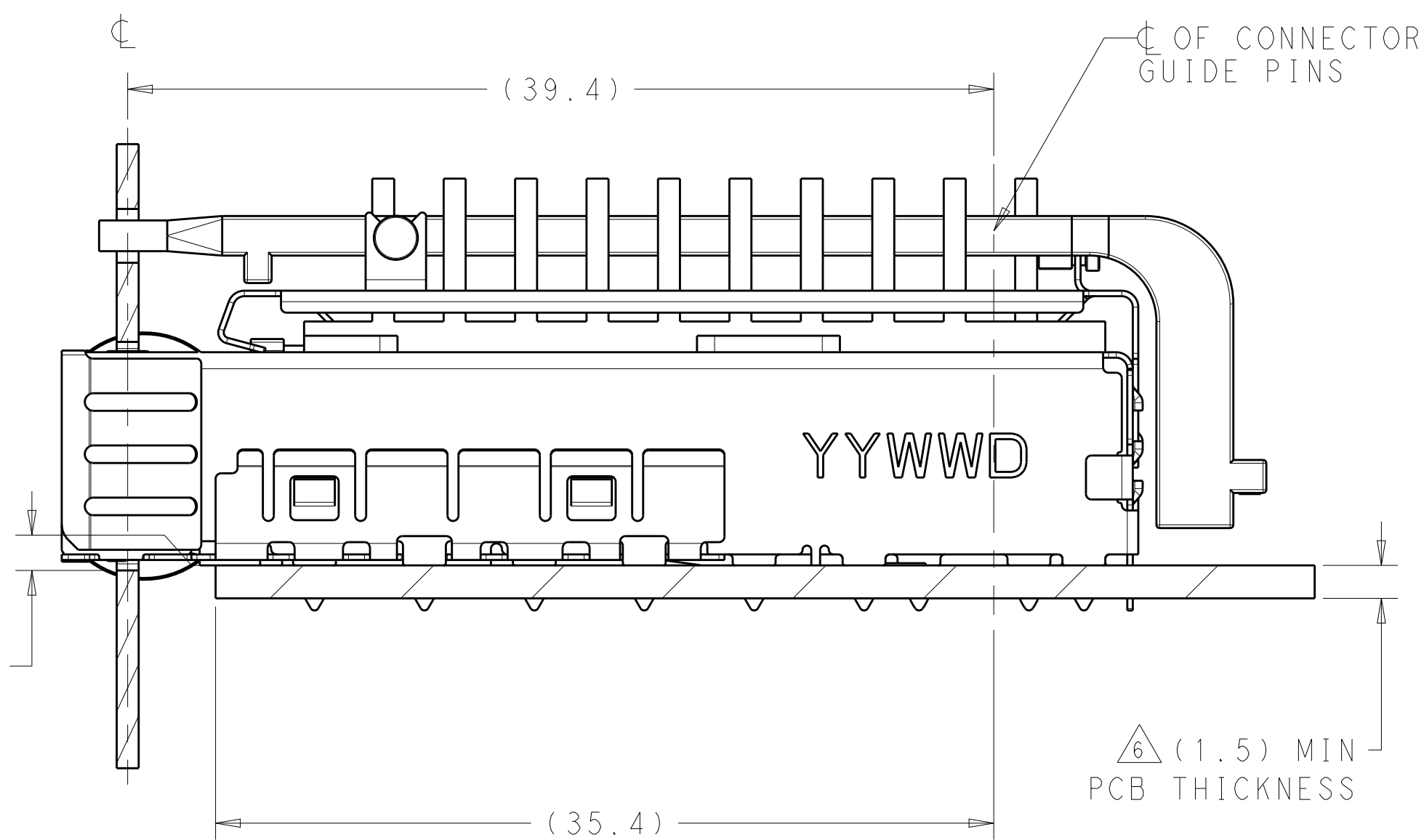
△5 PACKAGED AS A COMPLETE ASSEMBLY.

15	22.5	NETWORKING, TALL	2198237-4
15	18.1	NETWORKING, SHORT	2198237-3
14	15.5	SAN	2198237-2
14	13.2	PCI	2198237-1
	A MAX	APPLICATION	PART NUMBER

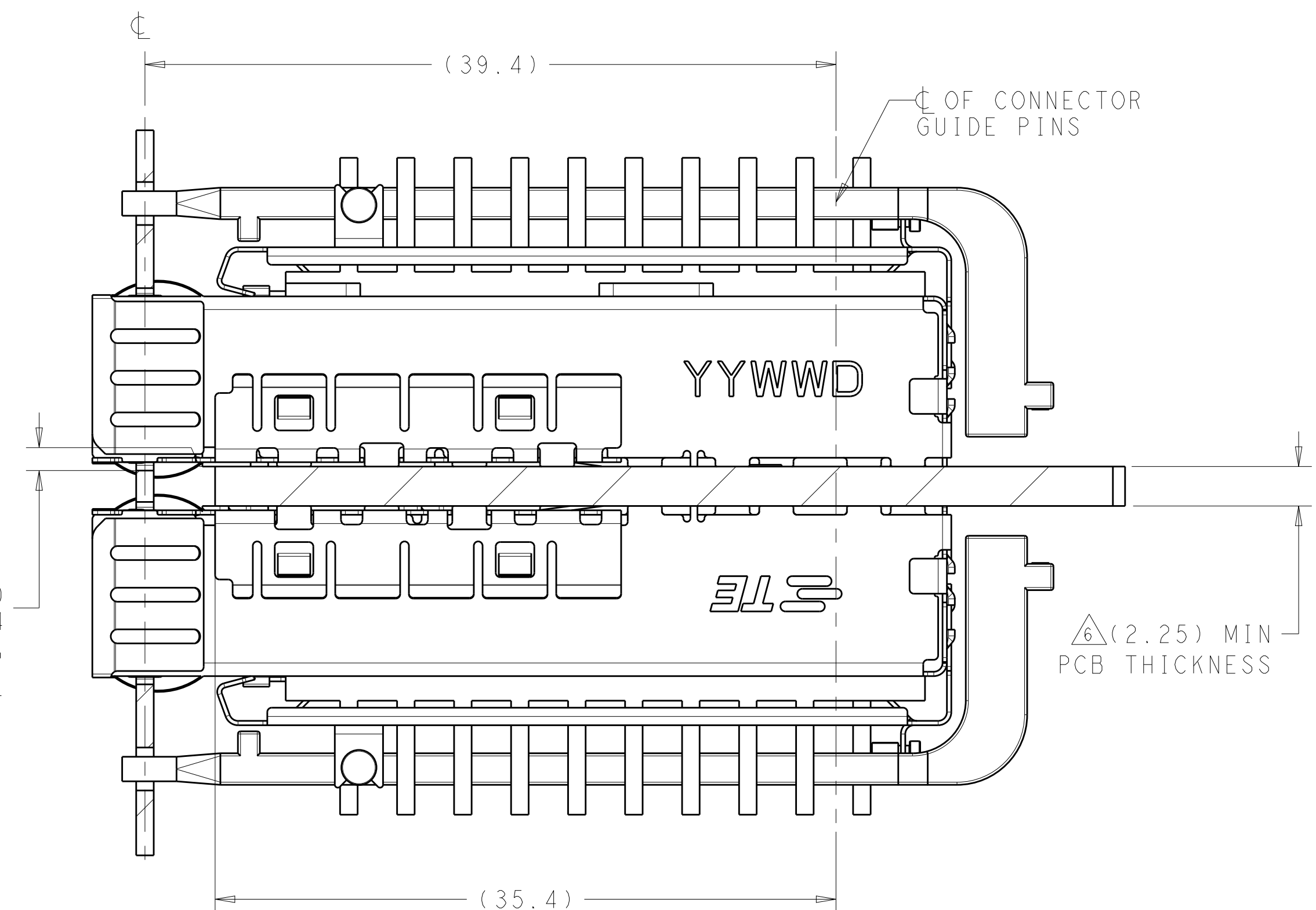


2198237
FINISHED ASSEMBLY
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 15NOV2011 CHK M. SCHMITT 15NOV2011 APVD M. SCHMITT 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 ANGLES $\pm 1^\circ$		NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE CASE CODE DRAWING NO RESTRICTED TO A100779G-2198237 -	
MATERIAL FINISH  		WEIGHT - Customer Drawing		SCALE 4:1 SHEET 1 of 4 REV A	

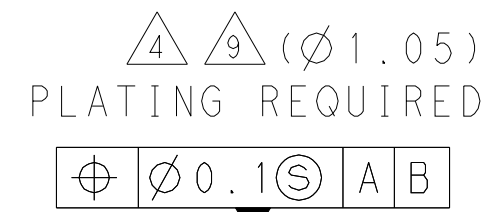


2198237
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL



2198237
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

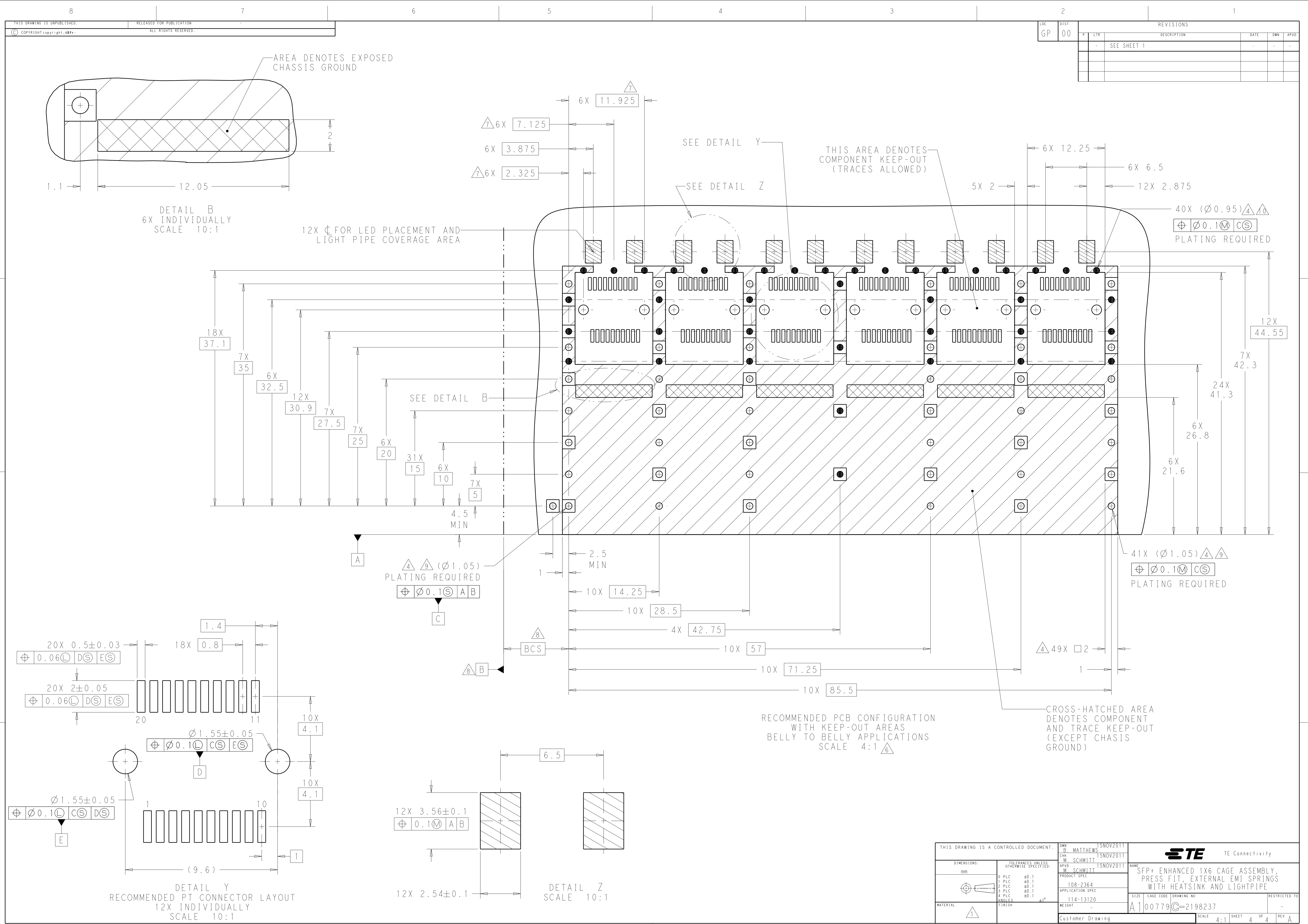
4805 (3/11)



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
SINGLE SIDED APPLICATIONS
SCALE 4:1 

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 15NOV2011 B. MATTHEWS CHK 15NOV2011 M. SCHMITT APVD M. SCHMITT 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 ANGLES ±1°		NAME SFP+ ENHANCED 1X6 CAGE ASSEMBLY, PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHTPIPE	
		PRODUCT SPEC 108-2364 APPLICATION SPEC 114-13120		SIZE A1	
MATERIAL 		FINISH WEIGHT -		CAGE CODE 00779	
		Customer Drawing		DRAWING NO C-2198237	
		SCALE 4:1		SHEET 3 OF 4 REV A	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS	15NOV2011		
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	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1		PRODUCT SPEC 108-2364		SIZE 114-13120	
ANGLES FINISH #1*		APPLICATION SPEC		RESTRICTED TO	
MATERIAL		WEIGHT		A100779C=2198237	
		Customer Drawing		SCALE 4:1 SHEET 4 OF 4 REV A	