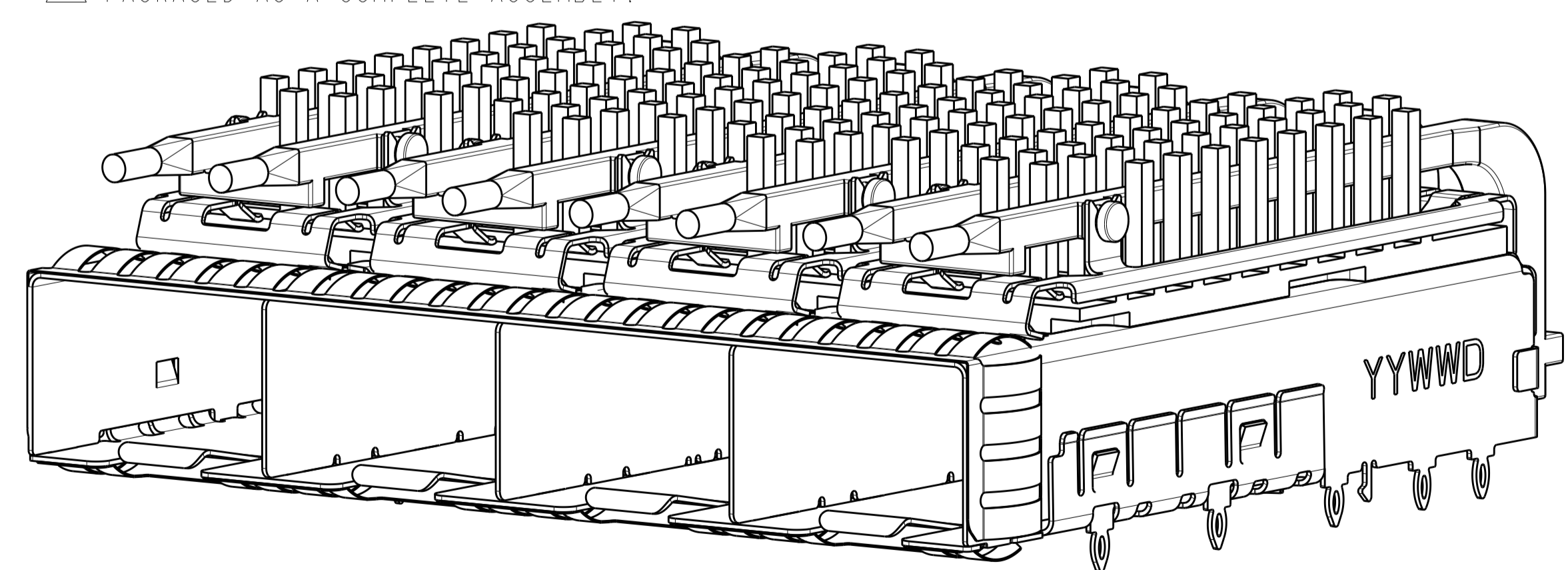
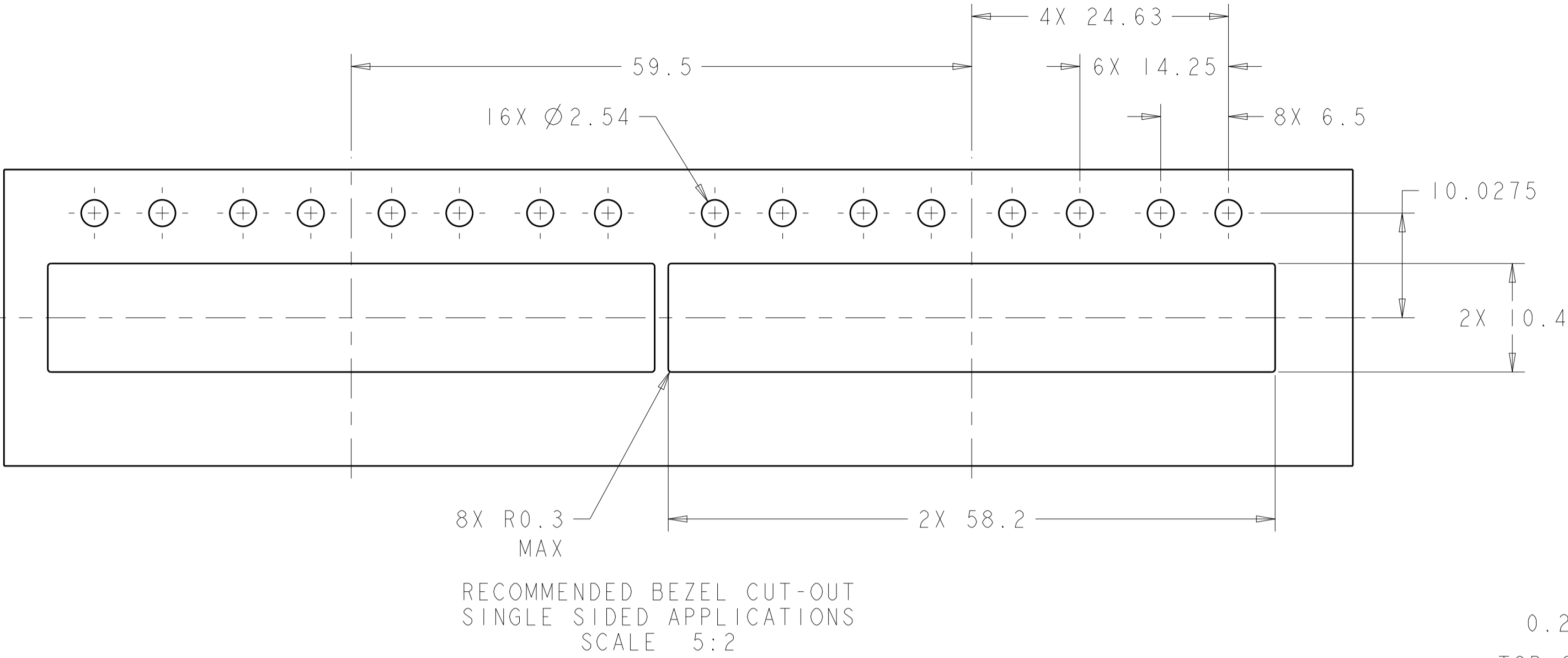


1. MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK/LIGHTPIPE CLIP: STAINLESS STEEL
LIGHT PIPE: POLYCARBONATE, CLEAR
HEATSINK: ALUMINUM
2. FINISH:
SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK/LIGHTPIPE CLIP: PASSIVATE
3. PADS AND VIAS CHASSIS GROUND.
4. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
5. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
6. INTERPRETATION OF DATUM REFERENCE FRAME IN ACCORDANCE WITH SECT 4.4.1.1 OF ASME Y14.5M-1994.
7. REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
8. REFERENCE APPLICATION SPEC. 114-13120, HOLE B, FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
9. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
10. MINIMUM PC BOARD THICKNESS:
SINGLE SIDED = 1.50mm
DOUBLE SIDED = 2.25mm
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 FROM FACTOR FOR SFP+ GANGED CAGES.
13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE.
14. PACKAGED AS A COMPLETE ASSEMBLY.

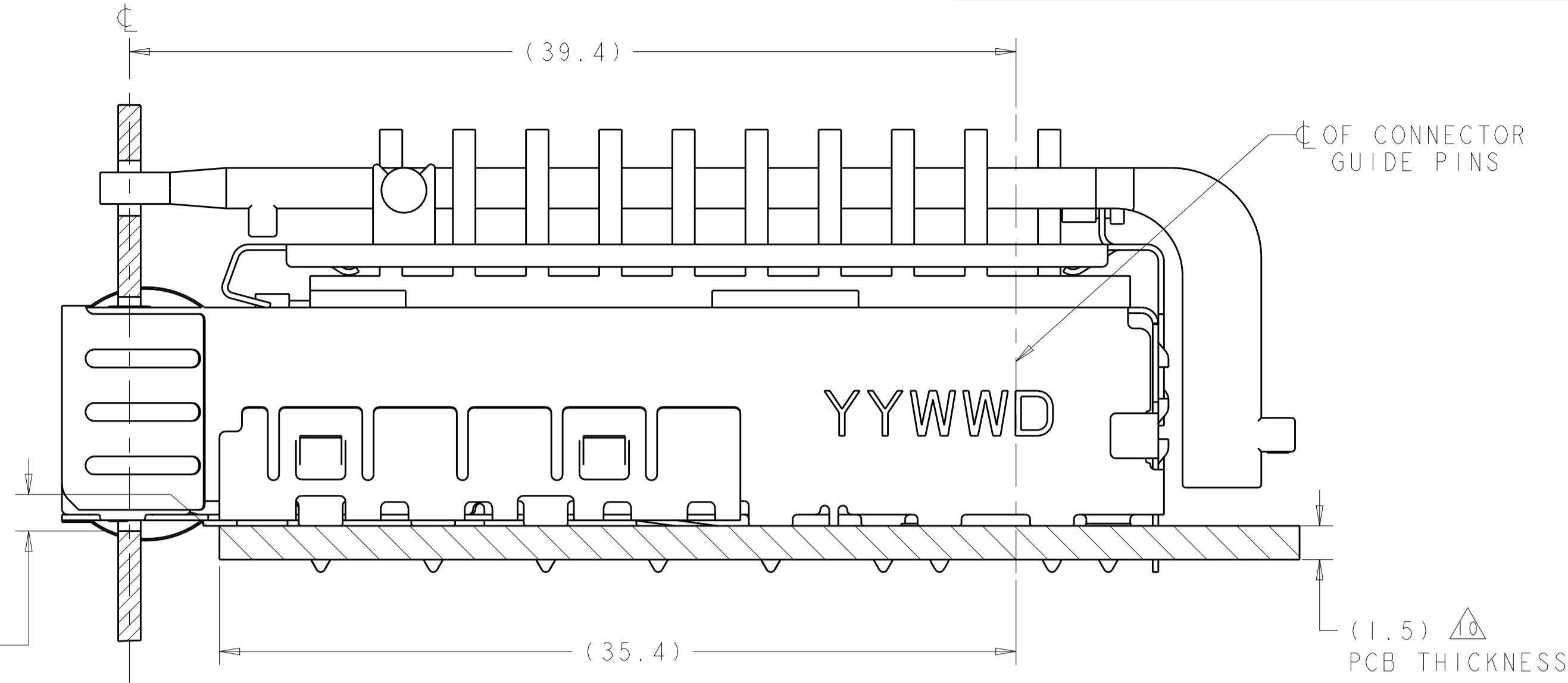


2149539-1 FINISHED ASSEMBLY SCALE 4:1		NETWORKING, SHORT		2149539-1	
		DESCRIPTION		PART NUMBER	
		TE TE Connectivity			
		NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHT PIPES			
		SIZE CAGE CODE DRAWING NO. A100779C=2149539		RESTRICTED TO	
		SCALE 5:1		SHEET 1 OF 4	
		REV A			

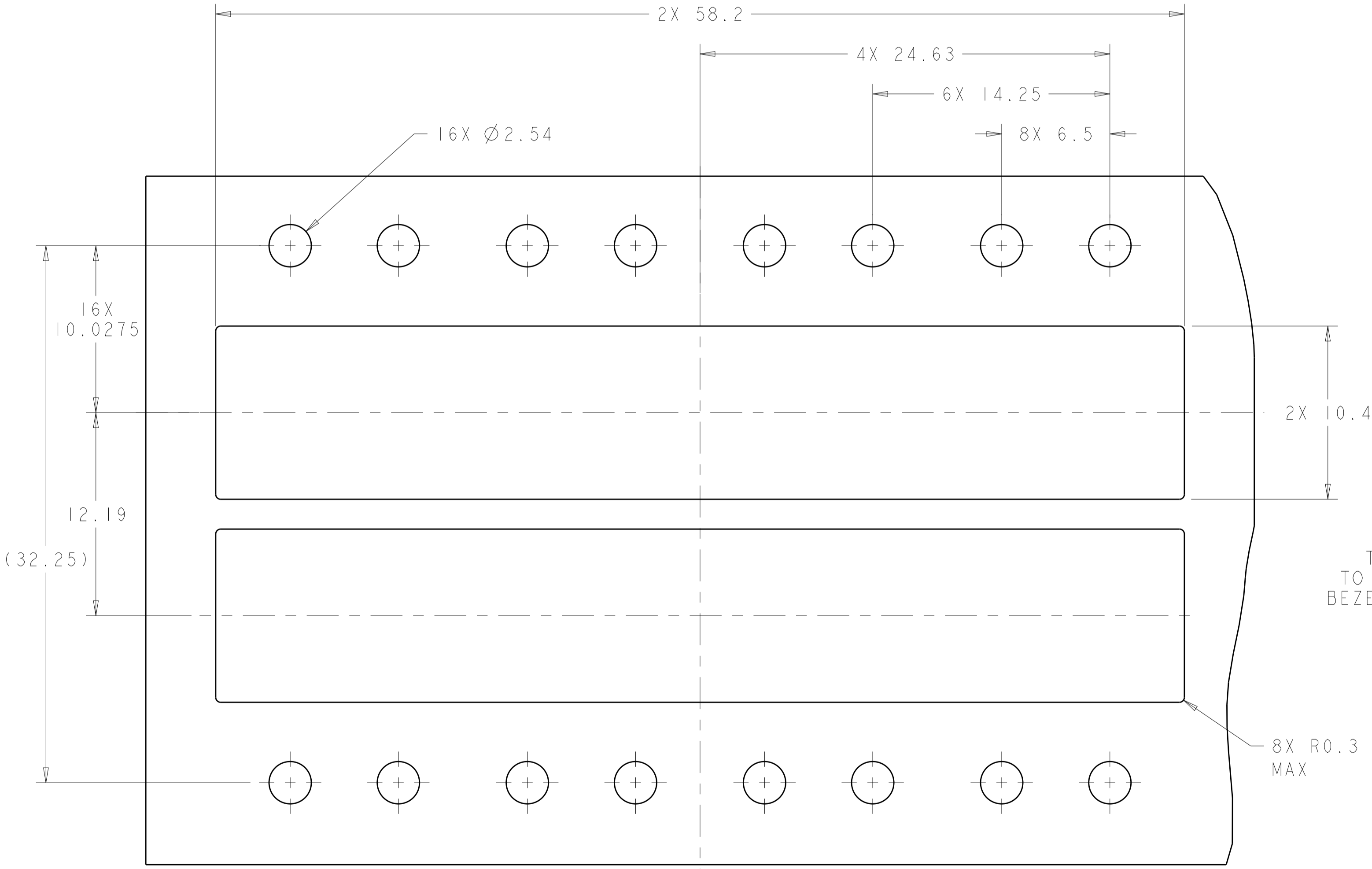
LOC		DIST		REVISIONS			
GP				P	LYR	DESCRIPTION	DATE
				-		SEE SHEET 1	-



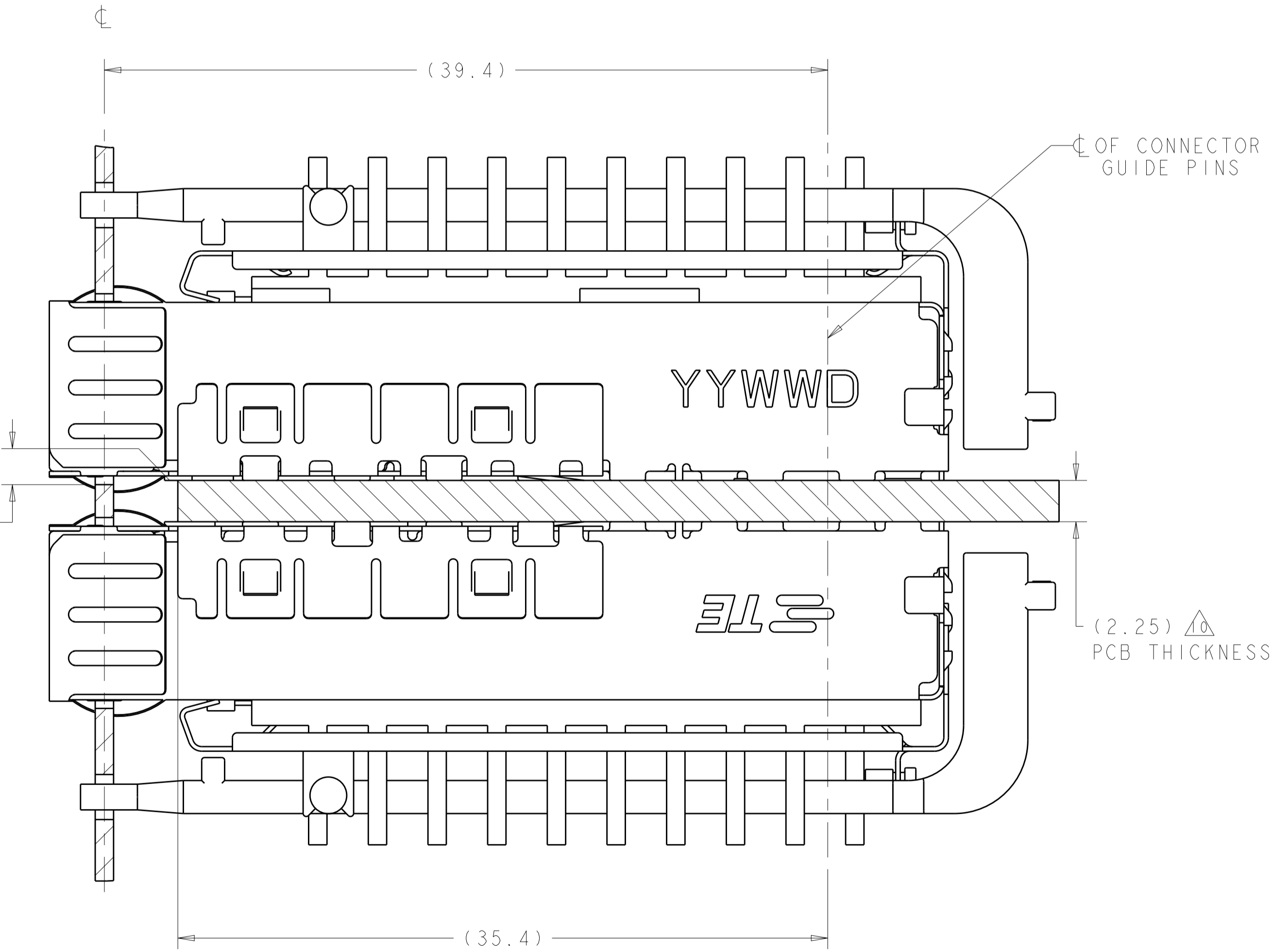
0.23^{+0.10}_{-0.14}
TOP OF PCB
TO INSIDE OF
BEZEL CUT-OUT




2149539-1
MOUNTED ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

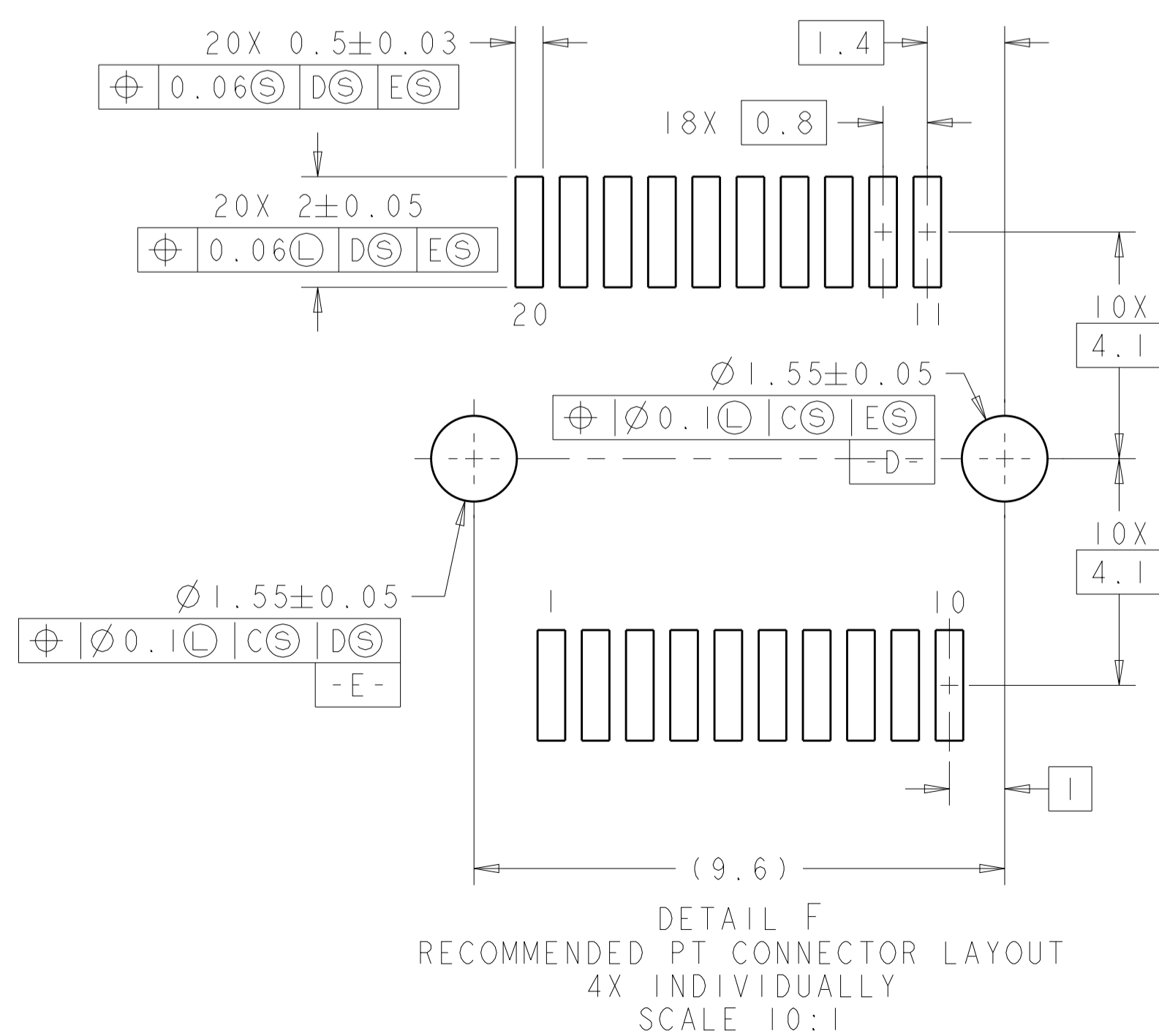
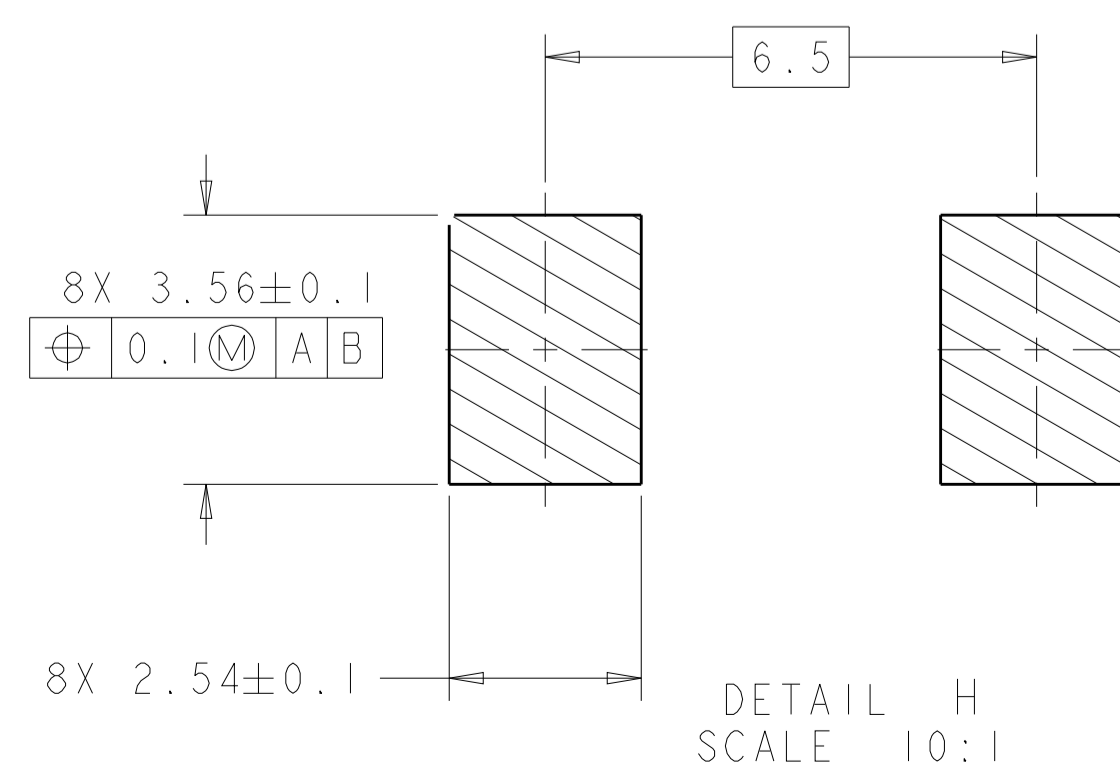
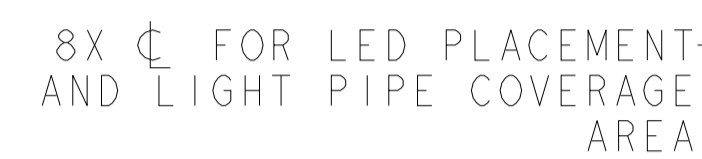



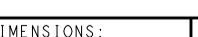
0.23^{+0.10}_{-0.14}
TOP OF PCB
TO INSIDE OF
BEZEL CUT-OUT

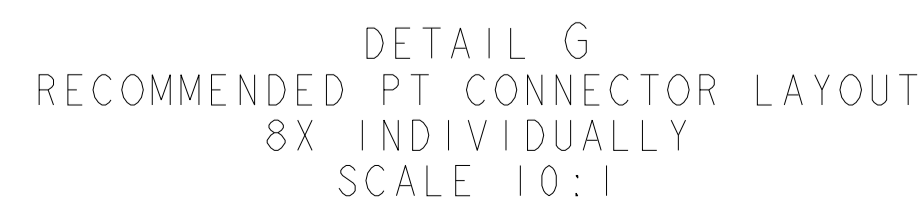



2149539-1
MOUNTED BELLY TO BELLY ON PC BOARD
SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M. SCHMITT	11AUG2010	 TE Connectivity			
				CHK	M. SCHMITT	11AUG2010				
				APVD	B. WERTZ	11AUG2010	NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHT PIPES			
				PRODUCT SPEC						
				108-2364						
				APPLICATION SPEC						
				114-13120						
				WEIGHT						
				Customer Drawing						
				SCALE						
				5:1						
				SHEET						
				2 OF 4						
				REV						
				A						



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M SCHMITT	11AUG2010	 TE Connectivity				
		CHK M SCHMITT	11AUG2010					
DIMENSIONS:		APPROVED B WERTZ		NAME SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK AND LIGHT PIPES				
mm		11AUG2010						
		PRODUCT SPEC						
		108-2364						
		APPLICATION SPEC						
		114-13120						
		WEIGHT						
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
-		-		A1	00779	C=2149539	-	
		Customer Drawing		SCALE	5:1	SHEET	3 OF 4	REV Δ



RECOMMENDED PCB CONFIGURATION
WITH KEEP-OUT AREAS
BELLY TO BELLY APPLICATIONS 
SCALE 5:1

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

[illegible]