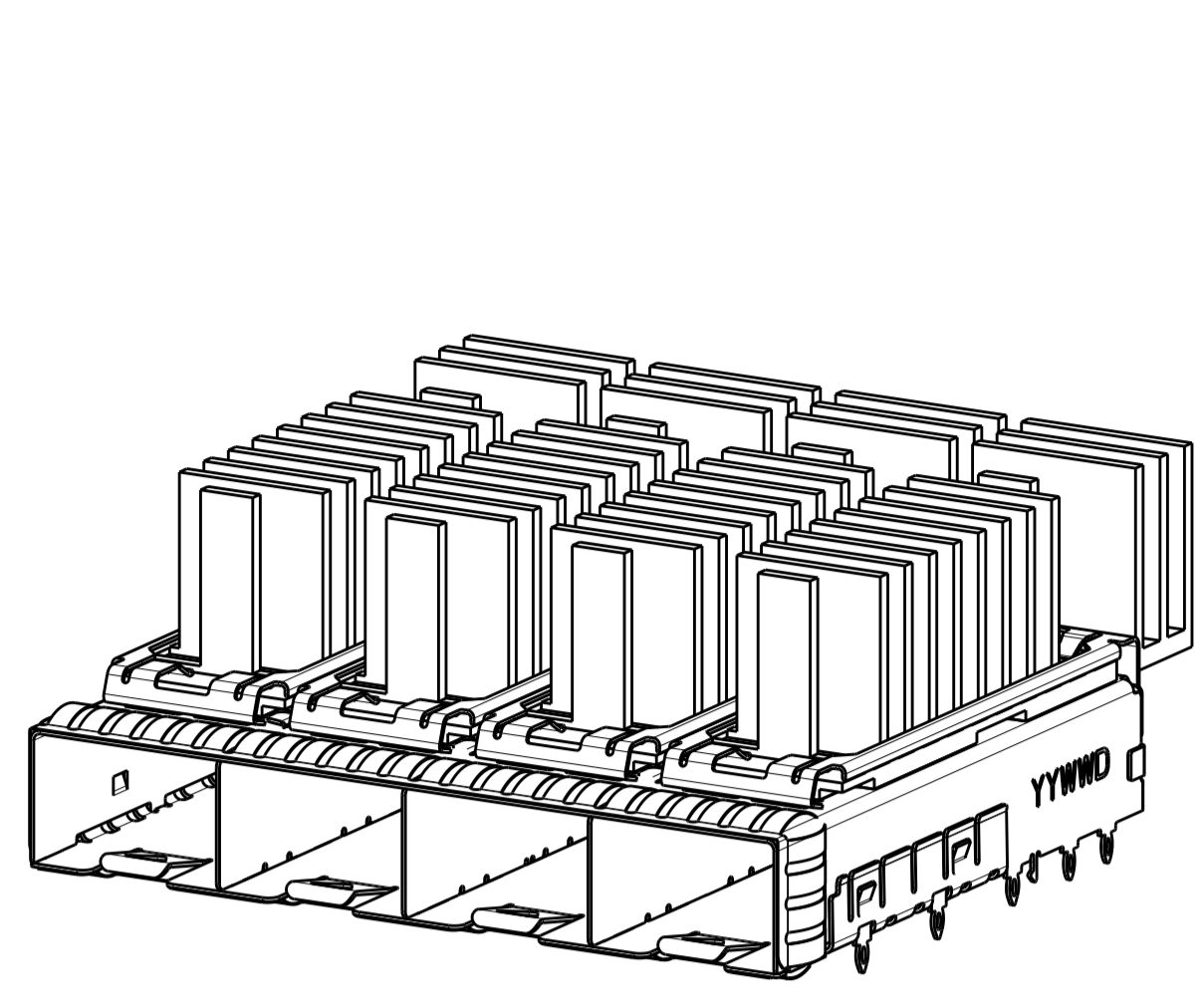
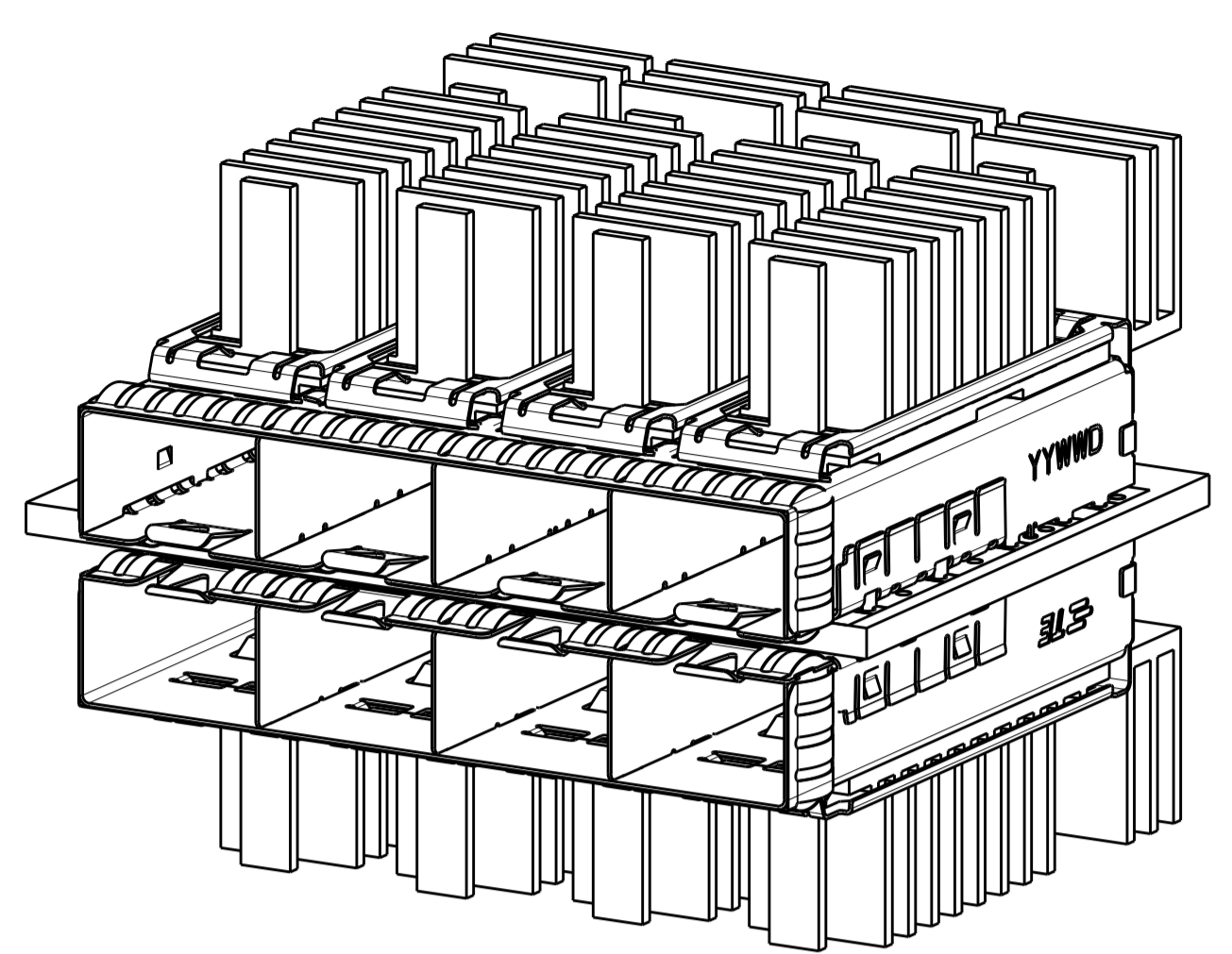


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		PRODUCTION RELEASE	01MAR2016	JW	SH

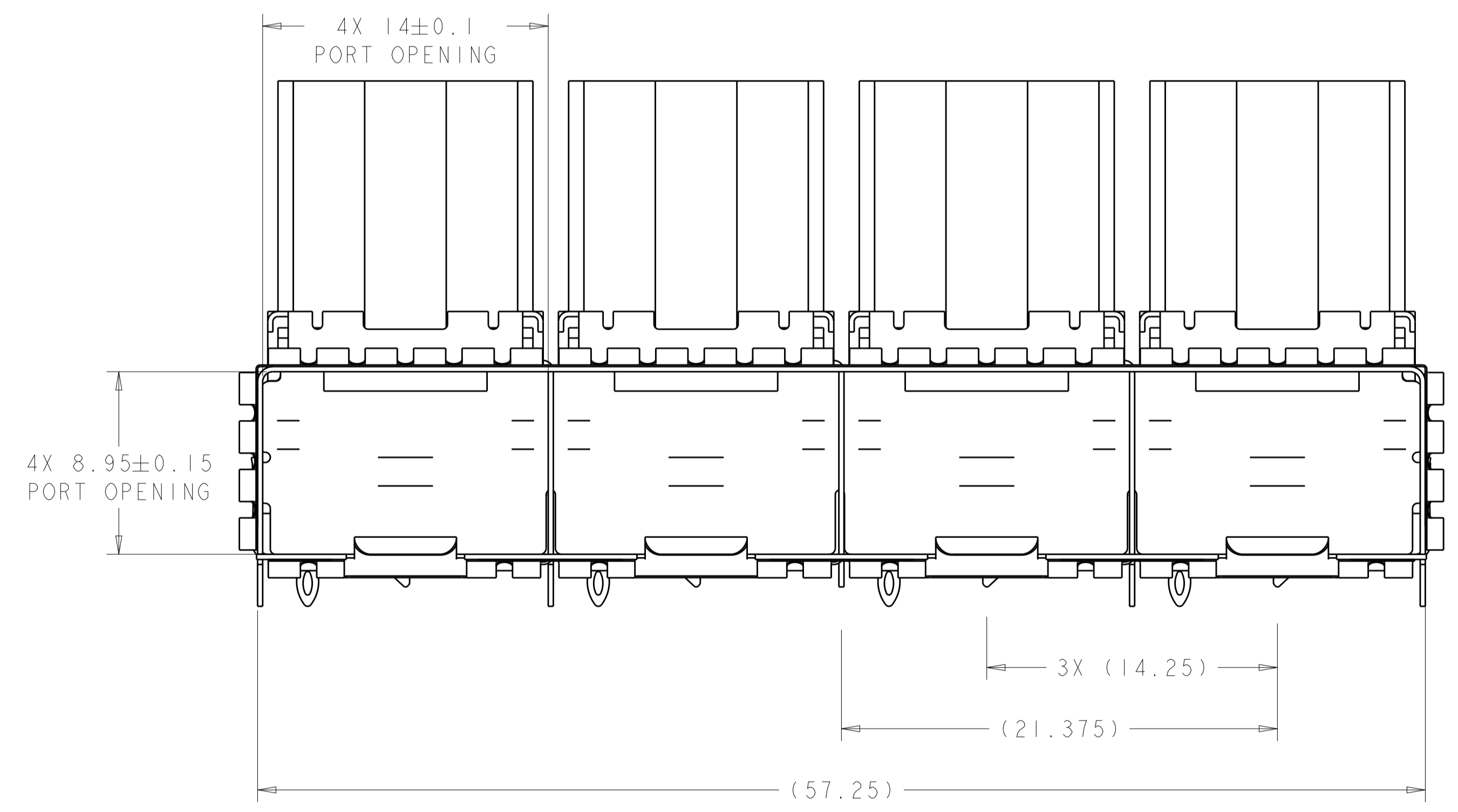
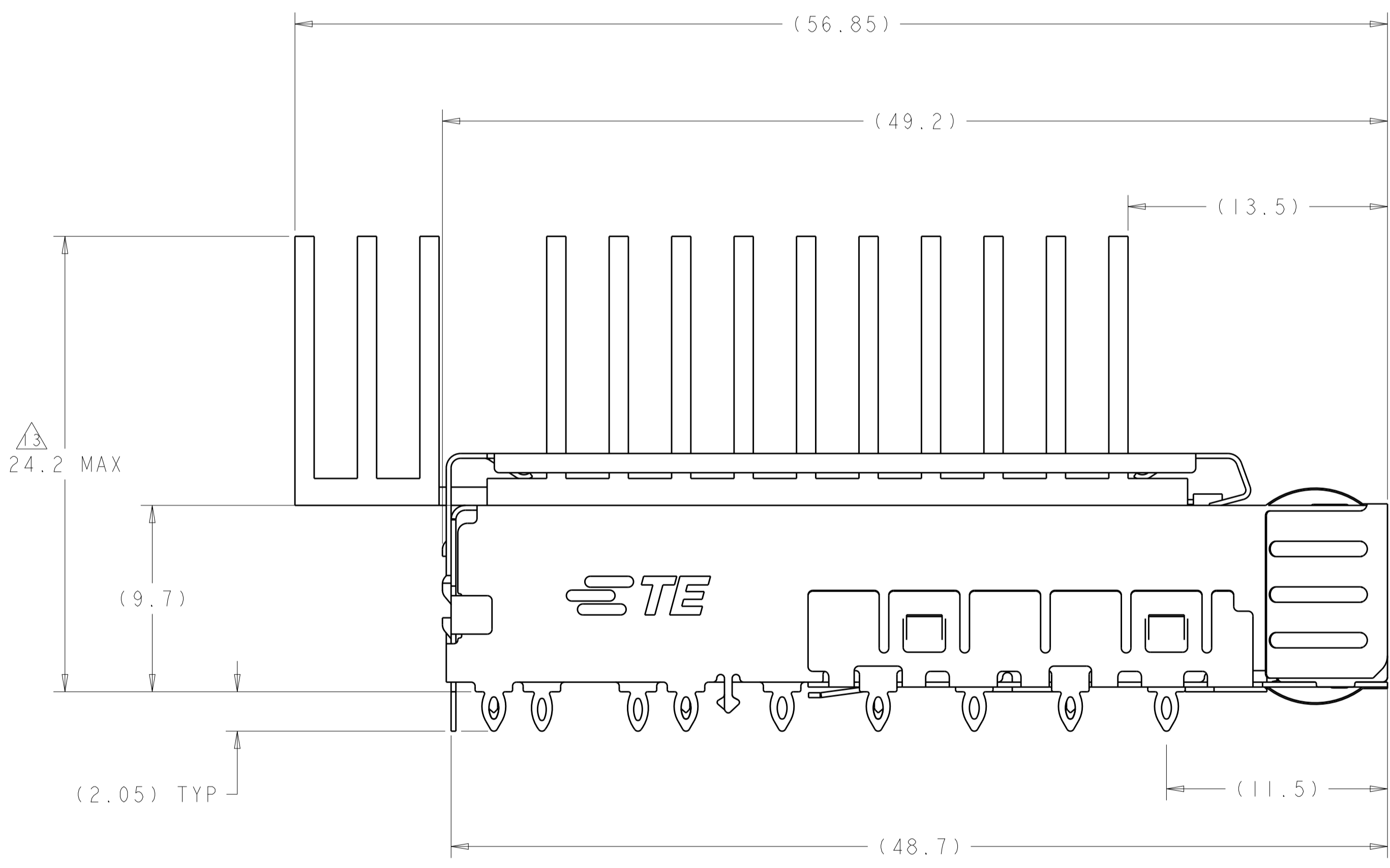


2170682
FINISHED ASSEMBLY
SCALE 2:1



2170682
MOUNTED BELLY TO BELLY ON PCB
SCALE 2:1

- 1. MATERIAL:
CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY
HEATSINK CLIP: STAINLESS STEEL
HEATSINK: ALUMINUM
- 2. FINISH:
EMI SPRINGS: MINIMUM OF 0.8um TIN PLATE OVER A MINIMUM OF 0.8um NICKEL UNDERPLATE.
NON-PLATED EDGES PERMISSIBLE.
HEATSINK: ELECTROLESS NICKEL
HEATSINK 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 FORM FACTOR FOR SFP+ GANGED CAGES.
- 13. DIMENSION APPLIES PRIOR TO INSERTION OF SFP MODULE

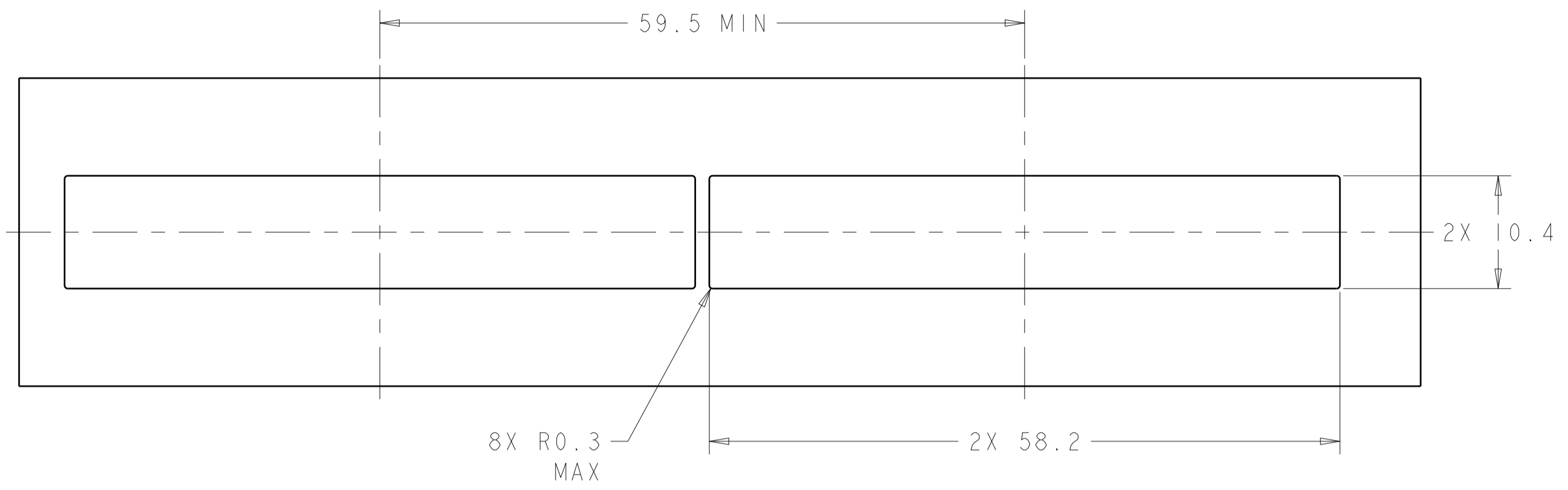


2170682-1
PART NUMBER

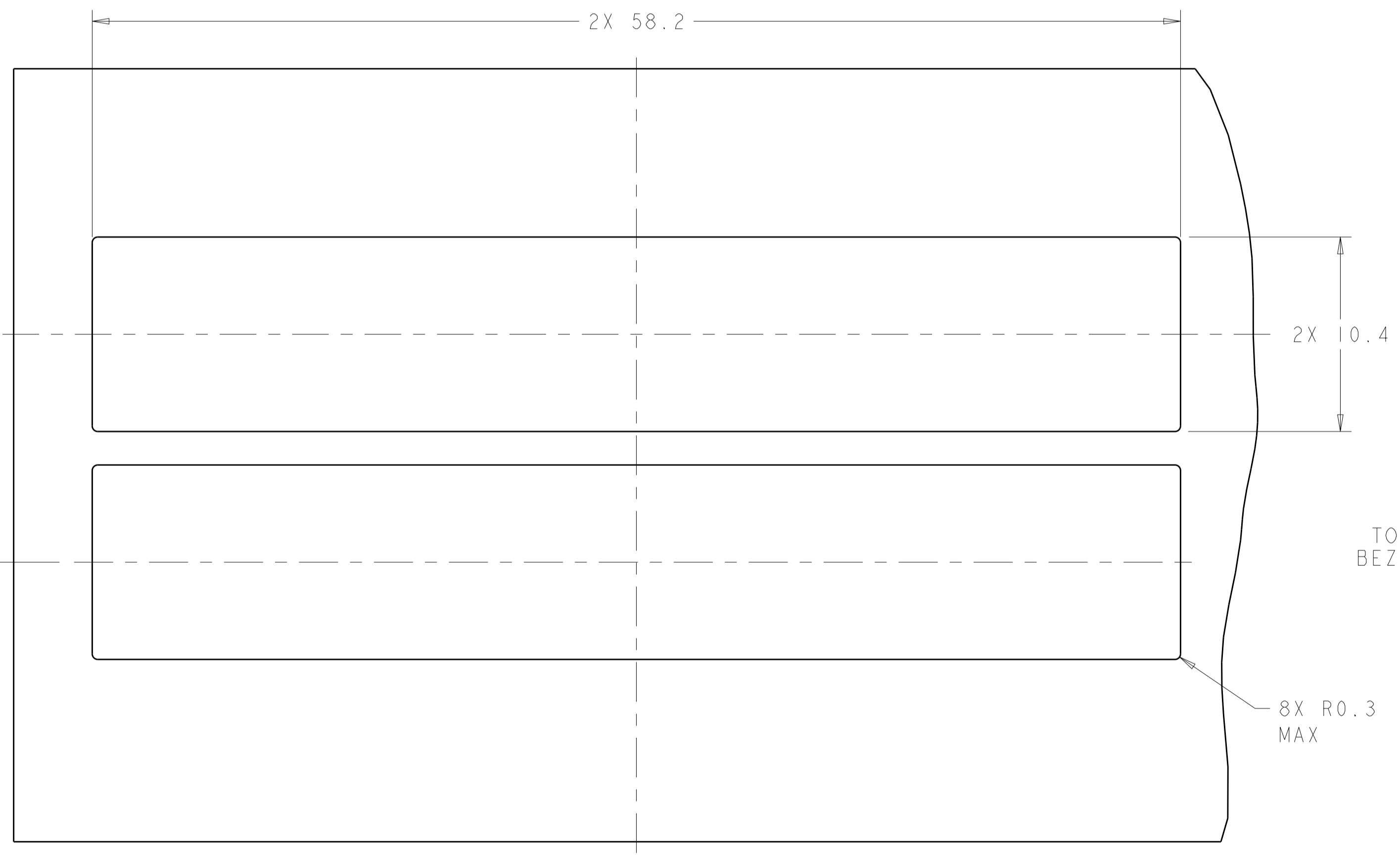
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: PETER PAN 06MAY2014	TE Connectivity NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK SIZE: CAGE CODE DRAWING NO RESTRICTED TO A100779C=2170682 SCALE 5:1 SHEET 1 OF 4 REV A
DIMENSIONS:		CHK: SEAN HAN 06MAY2014	
mm		APVD: SEAN HAN 06MAY2014	
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°		PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: - Customer Drawing	

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
-	SEE SHEET 1	-	-



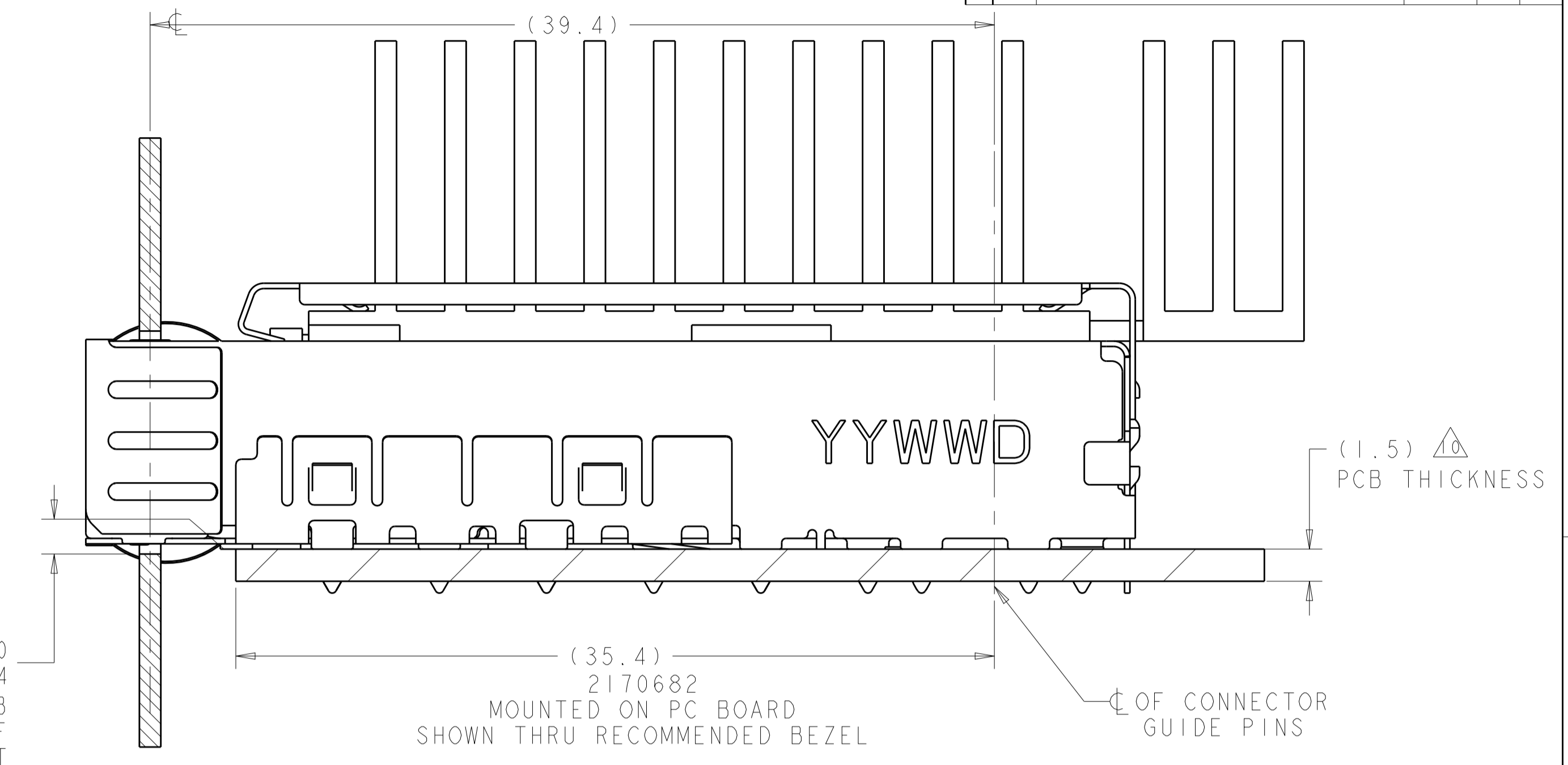
RECOMMENDED BEZEL CUT-OUT
 SINGLE SIDED APPLICATIONS
 SCALE 5:2



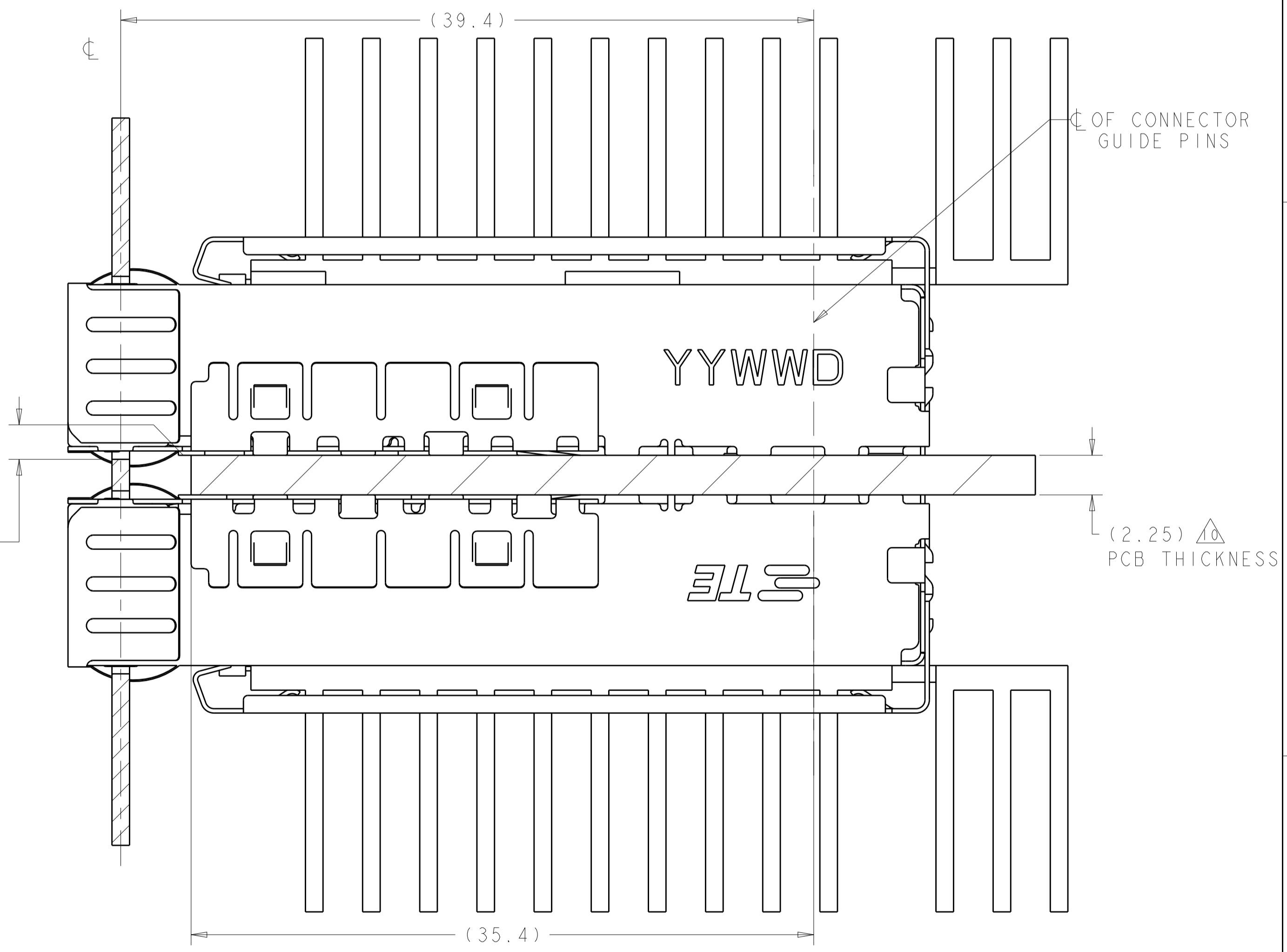
RECOMMENDED BEZEL CUT-OUT
 BELLY TO BELLY APPLICATIONS

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

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



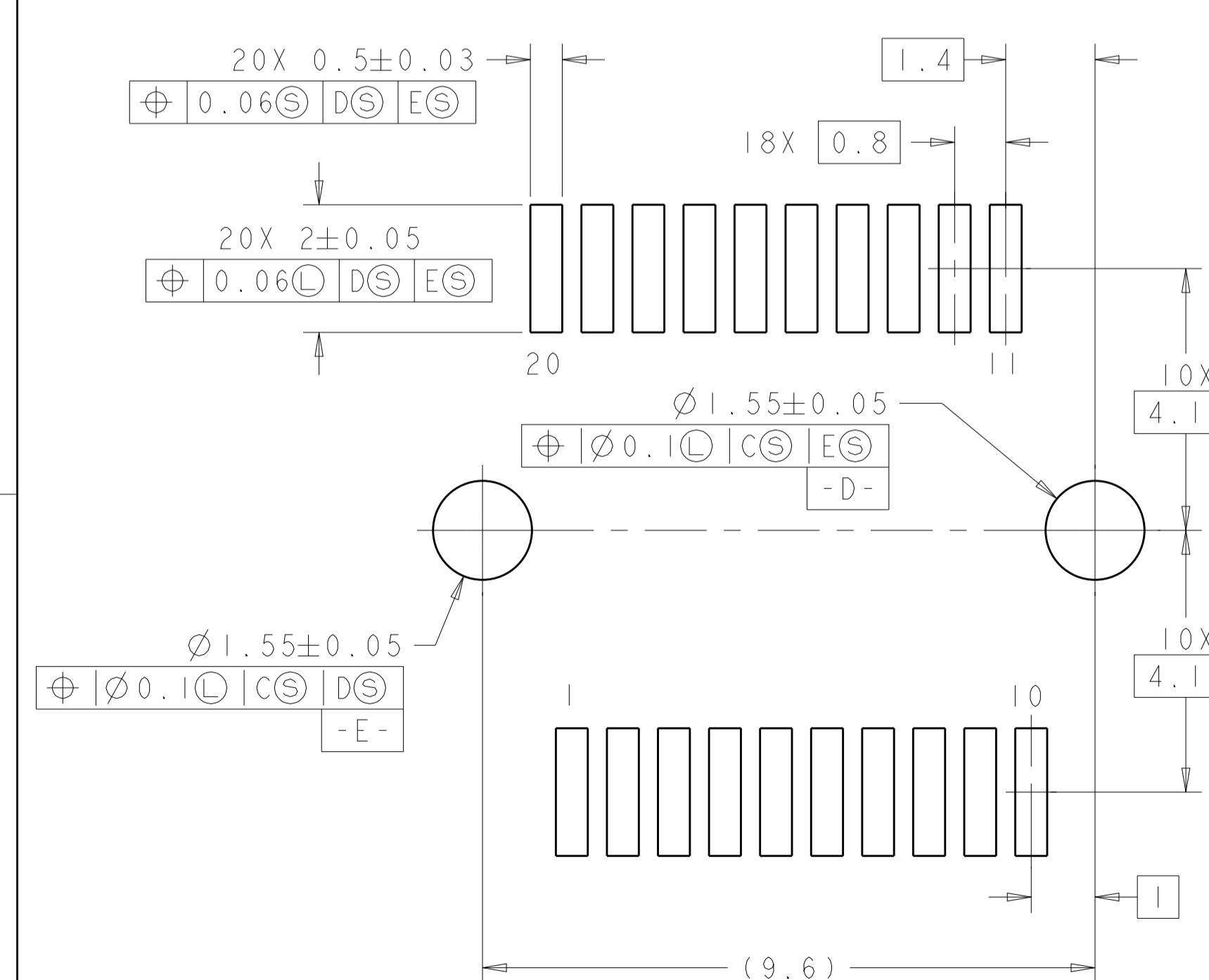
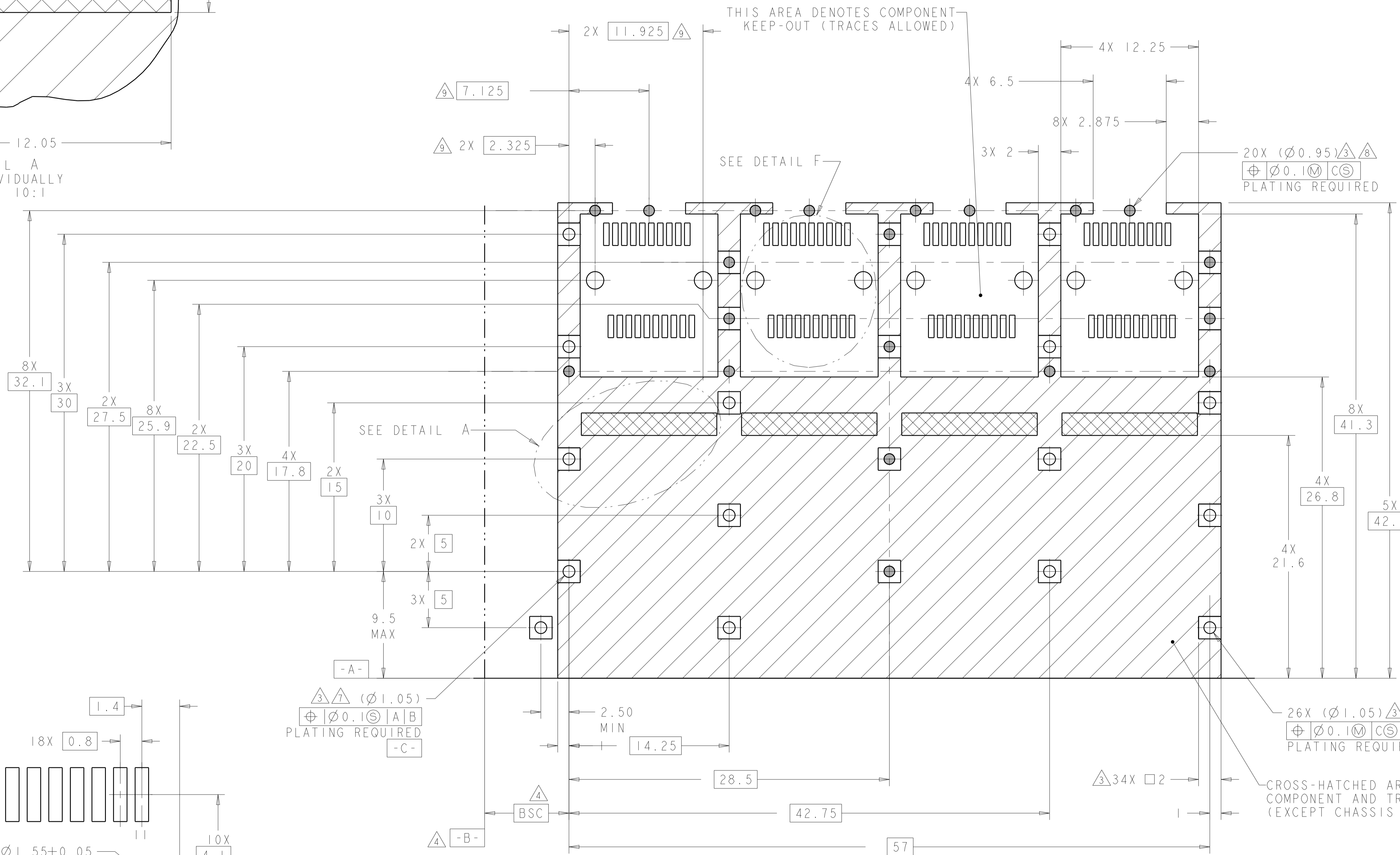
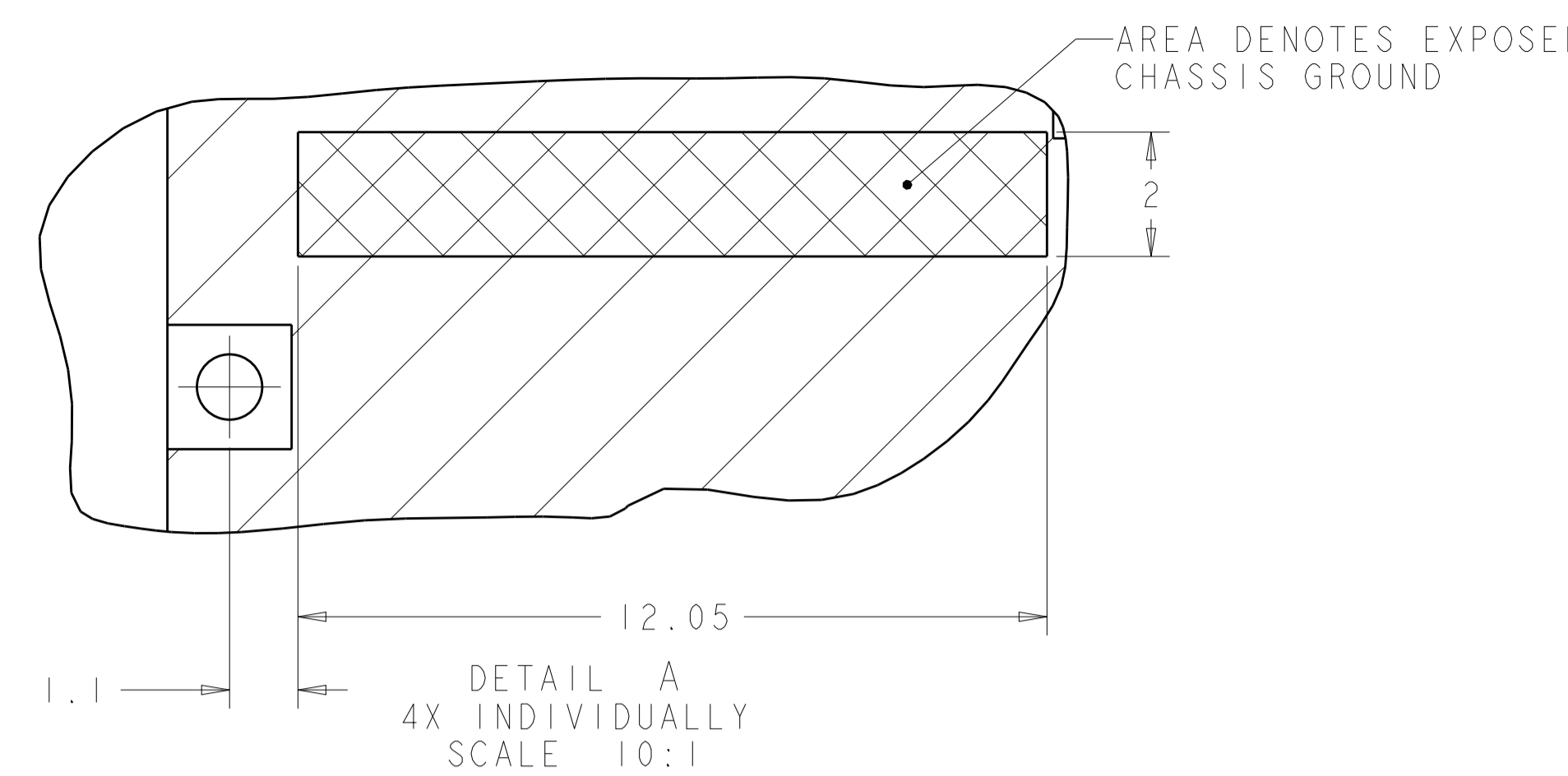
2170682
 MOUNTED ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL



2170682
 MOUNTED BELLY TO BELLY ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: PETER PAN 06MAY2014	TE Connectivity NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK SIZE: CAGE CODE DRAWING NO: A100779C=2170682 RESTRICTED TO: -
DIMENSIONS: mm		CHK: SEAN HAN 06MAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 06MAY2014	
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 WEIGHT: - Customer Drawing	
MATERIAL:		FINISH:	SCALE: 5:1 SHEET 2 OF 4 REV A

LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPV
		1	SEE SHEET 1		

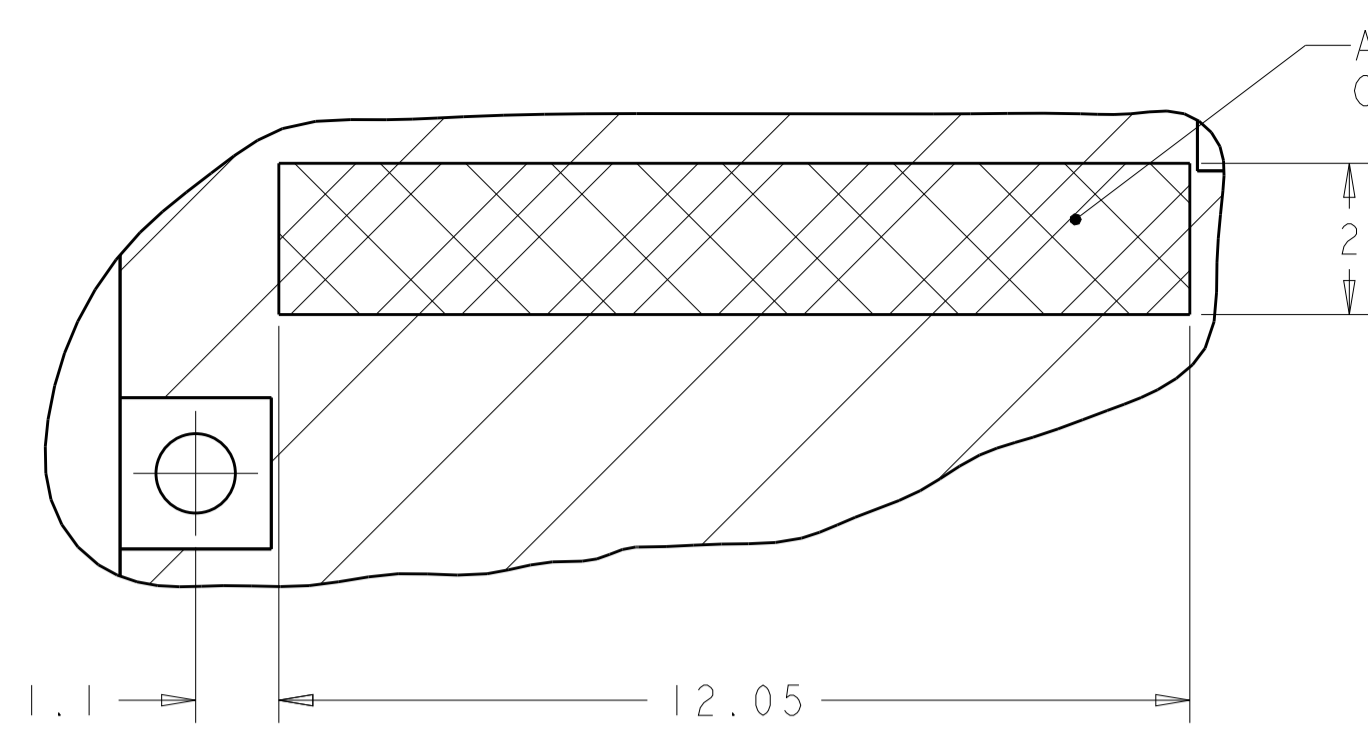


RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS SINGLE SIDED APPLICATIONS SCALE 5:1

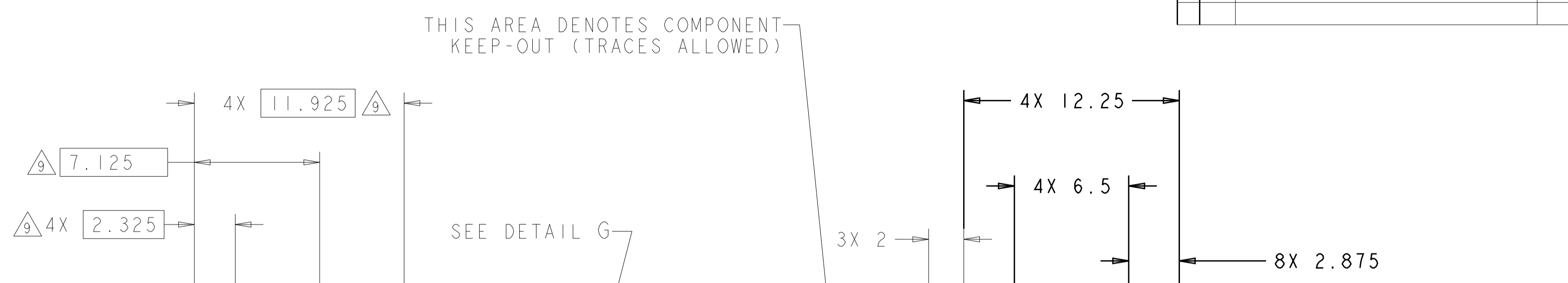
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: PETER PAN 06MAY2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 06MAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: SEAN HAN 06MAY2014	NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		WEIGHT: - SCALE: 5:1	
MATERIAL:		FINISH:	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2170682 SHEET 3 OF 4 REV A

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	SEE SHEET 1		



DETAIL B
4X INDIVIDUALLY
SCALE 10:1



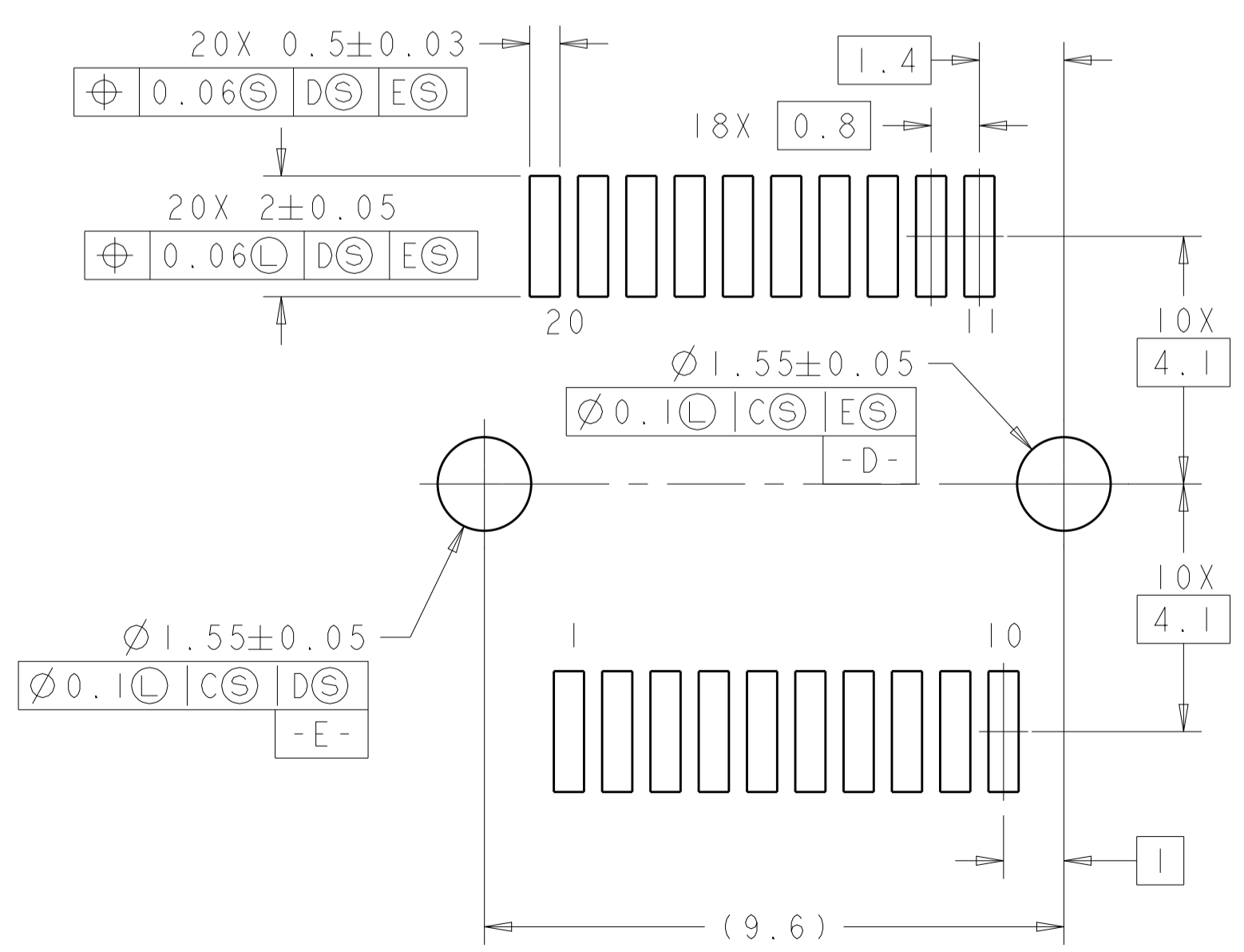
THIS AREA DENOTES COMPONENT
KEEP-OUT (TRACES ALLOWED)

SEE DETAIL G

SEE DETAIL B

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

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



DETAIL G
RECOMMENDED PT CONNECTOR LAYOUT
8X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: PETER PAN 06MAY2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 06MAY2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: SEAN HAN 06MAY2014	NAME: SFP+ ENHANCED 1X4 CAGE ASSEMBLY PRESS FIT, EXTERNAL EMI SPRINGS WITH HEATSINK
0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±1°		PRODUCT SPEC: 108-2364	
MATERIAL:		APPLICATION SPEC: 114-13120	SIZE: A1
FINISH:		WEIGHT: -	CAGE CODE: 2170682
		Customer Drawing	SCALE: 5:1 SHEET 4 OF 4 REV A