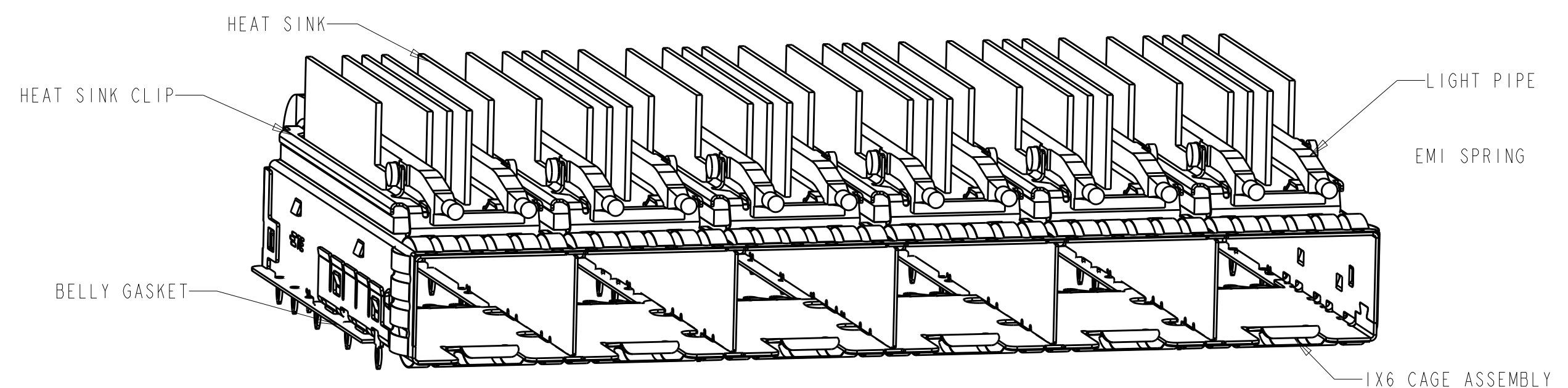
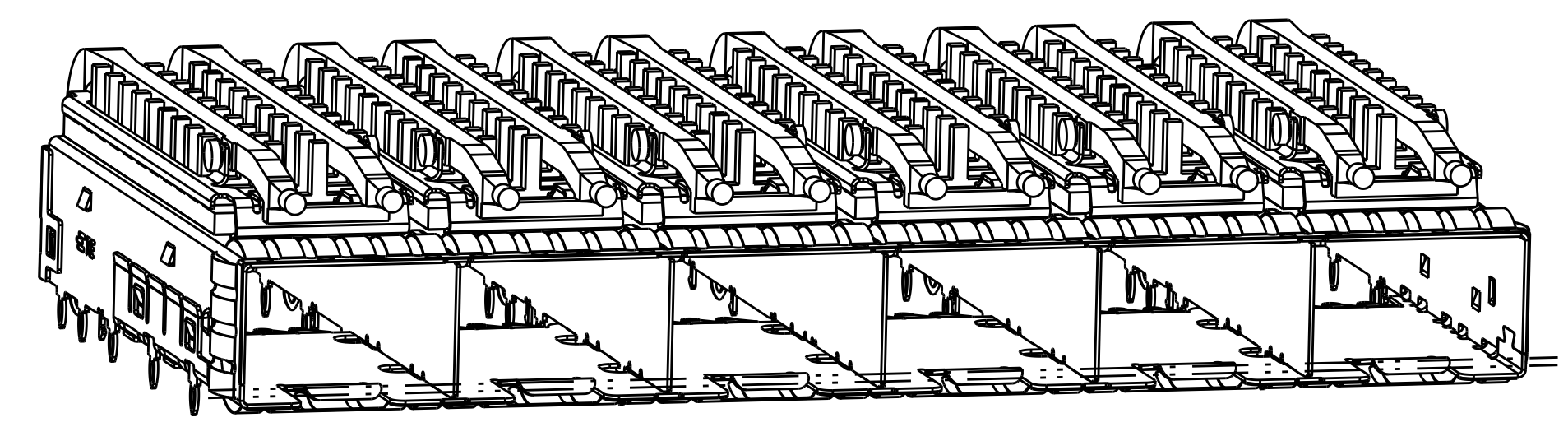


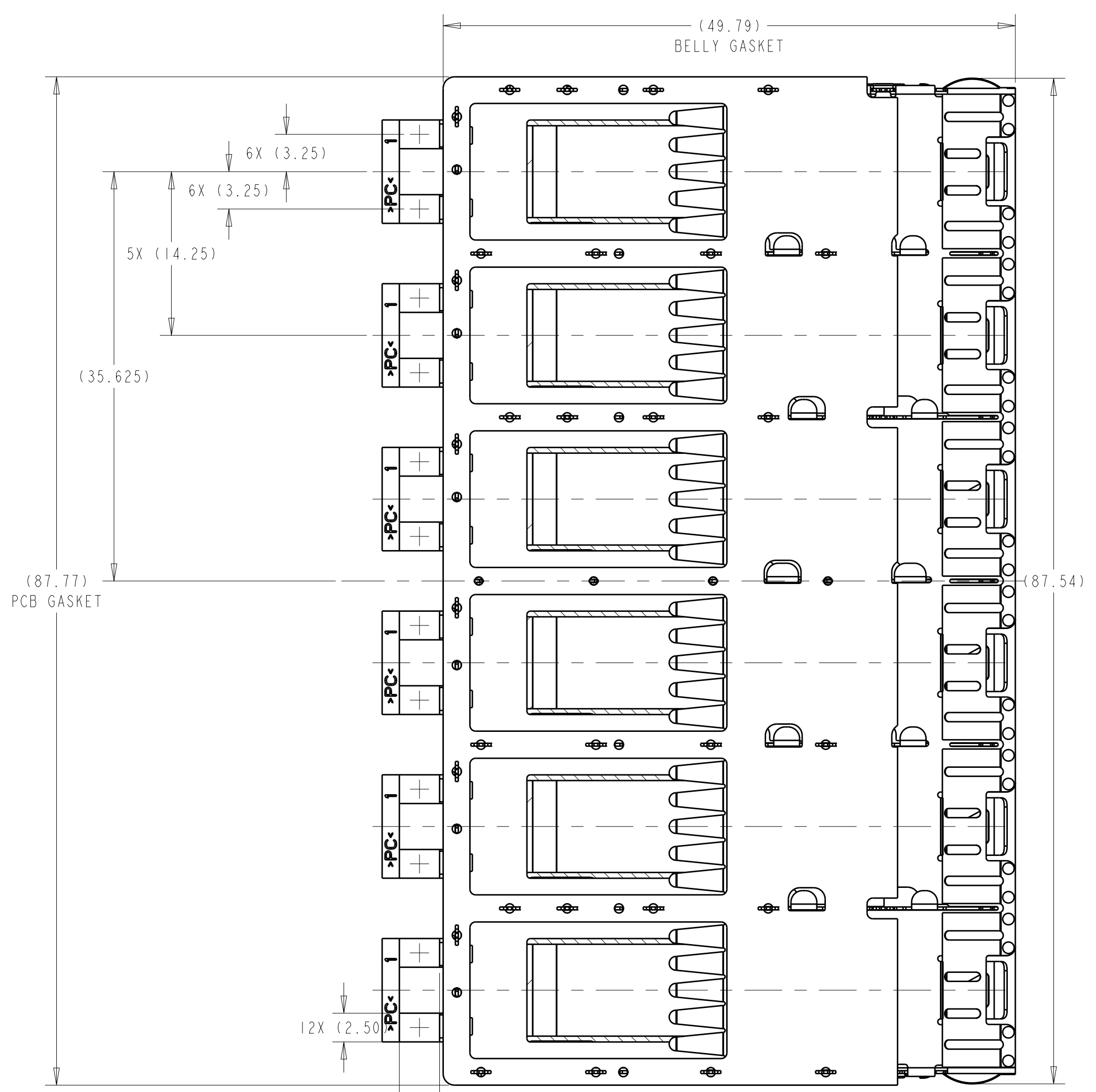
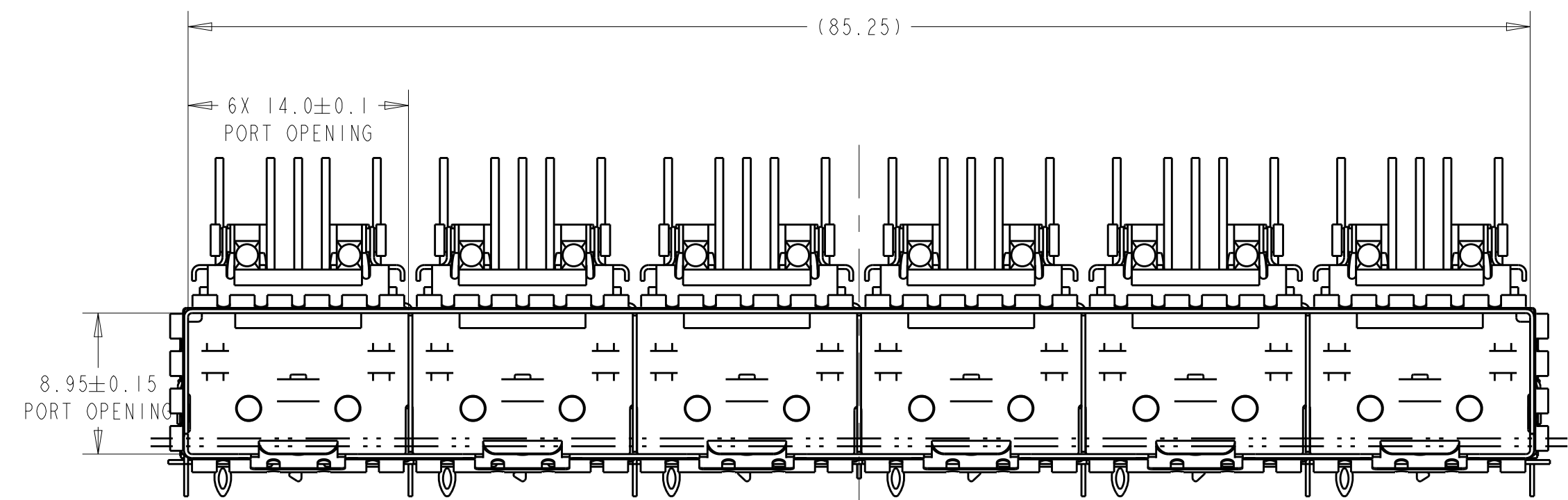
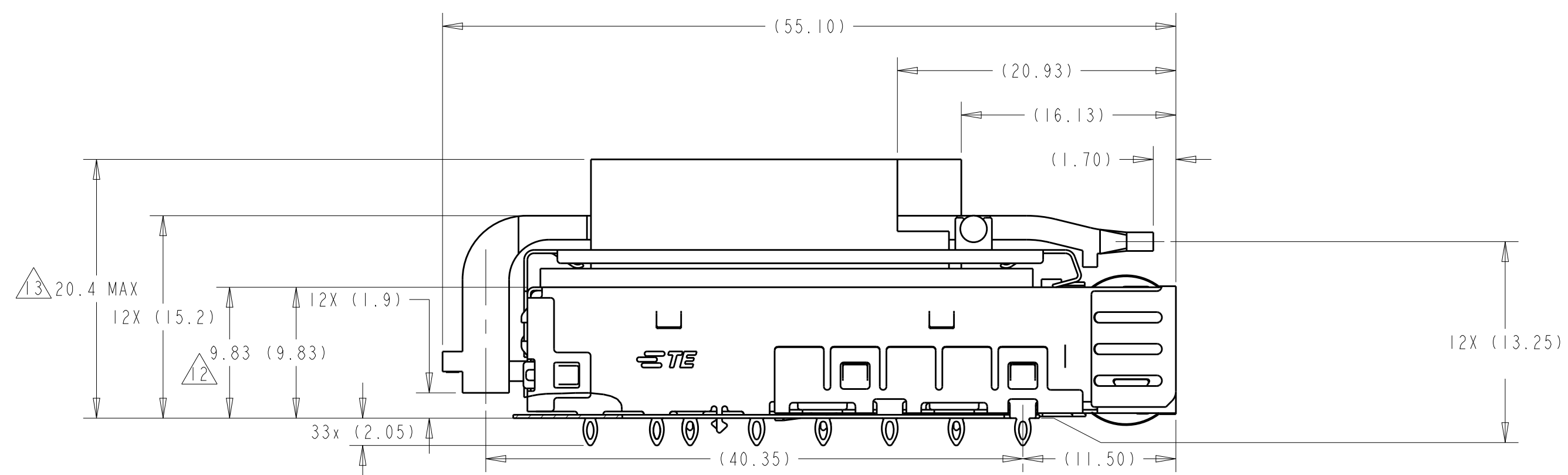
LOC	DIST	REVISIONS			
		REV	DATE	BY	CHKD
		A	14APR2016	KO	SH
		B	14FEB2017	JW	SH
		C	26OCT2020	ES	SH



2293156-5 AS SHOWN
SCALE 5:2



1-2293156-2
SCALE 5:2



- 1. MATERIAL:
CAGE ASSEMBLY: NICKEL SILVER ALLOY, (0.25mm)
BELLY GASKET: RF ABSORBER
EMI SPRINGS: PHOSPHOR BRONZE
LIGHT PIPE BRACKET: STAINLESS STEEL
LIGHT PIPE: POLYCARBONATE, CLEAR
HEATSINK: ALUMINUM
- 2. MINIMUM PC BOARD THICKNESS:
SINGLE SIDE = 1.45mm
BELLY TO BELLY = 2.25mm
- 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. LIGHT PIPE ASSEMBLY SHOULD BE ASSEMBLED TO CAGE ASSEMBLY AND SHIPPED TOGETHER.
- 11. PRODUCT COMPLIES WITH SPECIFICATION SFF-8433, IMPROVED PLUGGABLE FORM FACTOR FOR SFP+ GANGED CAGES
- 12. EON STANDOFF WILL PIERCE BELLY GASKET WHEN PROPERLY PRESSED INTO PCB.
- 13. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.
- 14. THE FEATURE IS NOT APPLIED TO 2293156-4, -6, -8, -9
- 15. THE PART IS WITHOUT BELLY GASKET

SUPERSEDED BY:
2293156-6

SUPERSEDED BY:
2293156-5

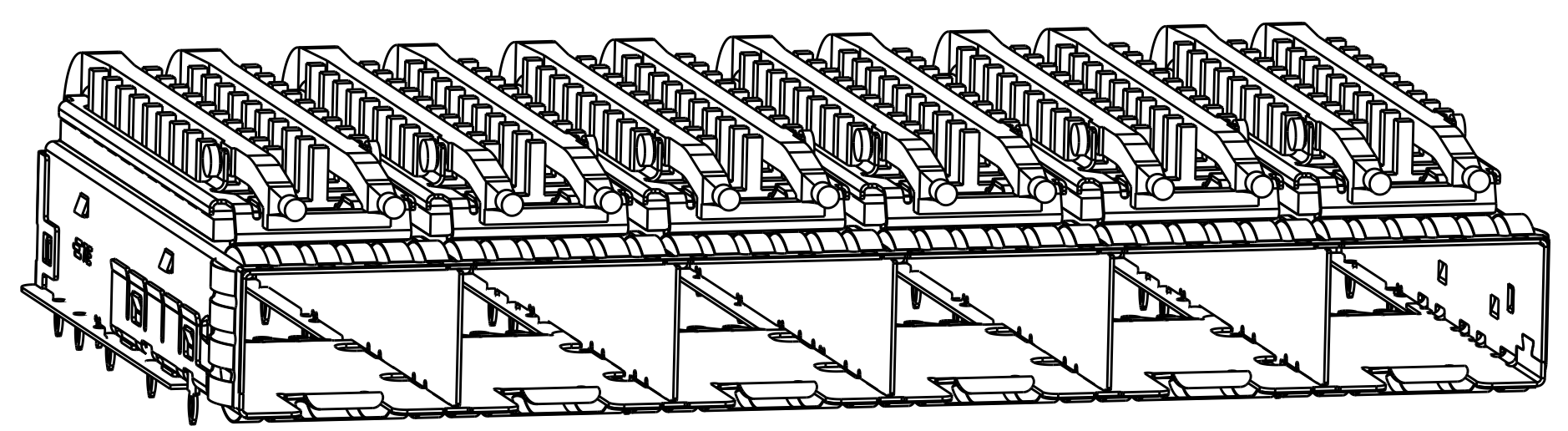
HEATSINK DESC	LIGHTPIPE DESC	PART NUMBER
16.0MAX HEIGHT, PIN TYPE	2 EXITS, LOW HEIGHT, REDUCED LENGTH	1-2293156-2
22.5 MAX HEIGHT, FIN TYPE (LEFT TO RIGHT)	N/A	1-2293156-0
22.5 MAX HEIGHT, FIN TYPE (LEFT TO RIGHT)	N/A	2293156-9
18.5 MAX HEIGHT, FIN TYPE (LEFT TO RIGHT)	N/A	2293156-8
16.0MAX HEIGHT, PIN TYPE	1 EXIT, LOW HEIGHT, REDUCED LENGTH	2293156-7
15.0MAX HEIGHT, FIN TYPE (FRONT TO BACK)	N/A	2293156-6
20.4MAX HEIGHT, FIN TYPE (FRONT TO BACK)	2 EXITS, LOW HEIGHT, STANDARD LENGTH	2293156-5
15.0MAX HEIGHT, FIN TYPE (FRONT TO BACK)	N/A	2293156-4
20.4MAX HEIGHT, FIN TYPE (FRONT TO BACK)	2 EXITS, LOW HEIGHT, STANDARD LENGTH	2293156-3
16.0MAX HEIGHT, PIN TYPE	2 EXITS, LOW HEIGHT, REDUCED LENGTH	2293156-2

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25, 1 PLC ±0.2, 2 PLC ±0.15, 3 PLC ±0.10, 4 PLC ±. ANGLES ±°. FINISH SEE NOTES.

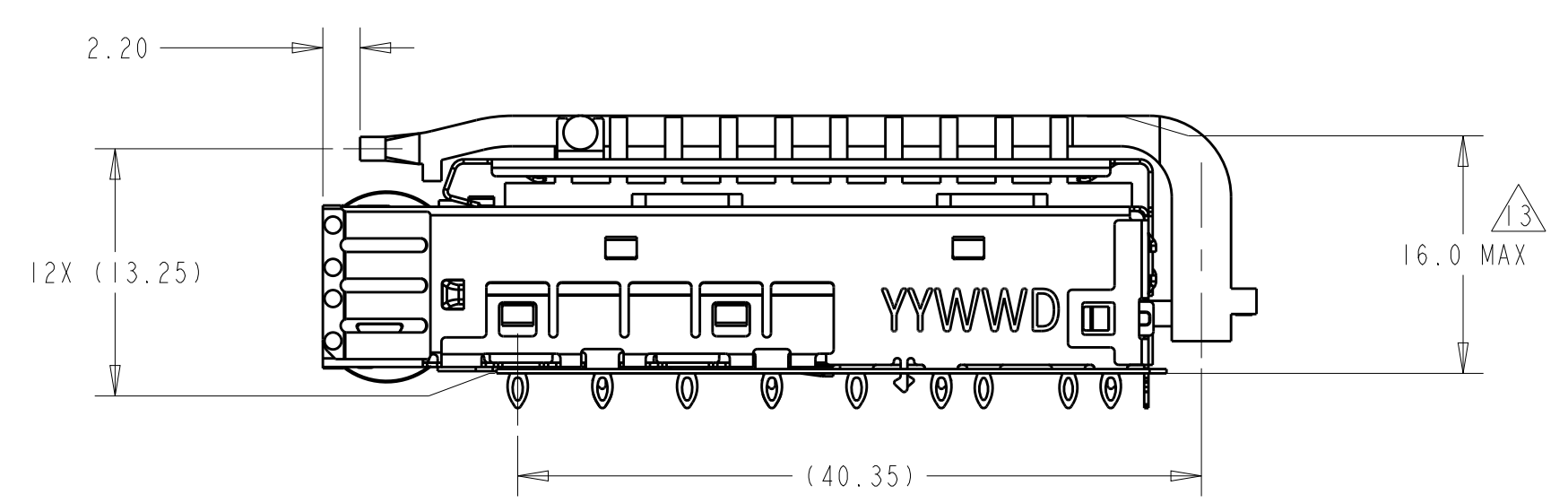
OWN: PETER PAN, 20MAY2015. CHK: SEAN HAN, 20MAY2015. APVD: SEAN HAN, 20MAY2015. NAME: SEAN HAN. PRODUCT SPEC: APPLICATION SPEC. SIZE: A1. CAGE CODE: 00779. DRAWING NO: 2293156. WEIGHT: -. MATERIAL: SEE NOTES. FINISH: SEE NOTES. CUSTOMER DRAWING. SCALE: 3:1. SHEET: 1 OF 7. REV: C.

STE TE Connectivity
CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, zSFP+

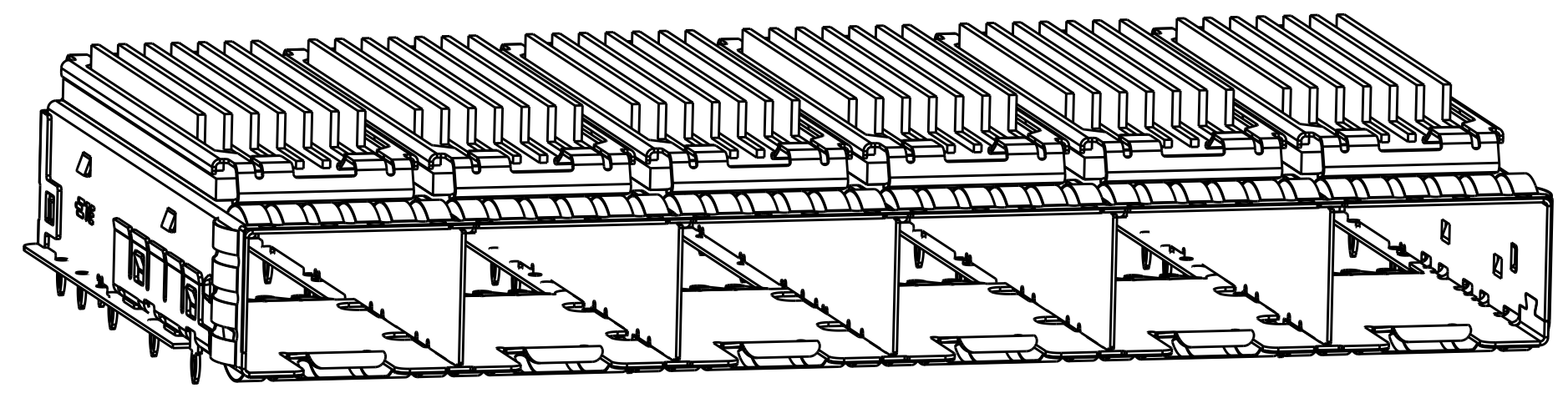
LOC		DIST		REVISIONS			
P.	LYR	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		



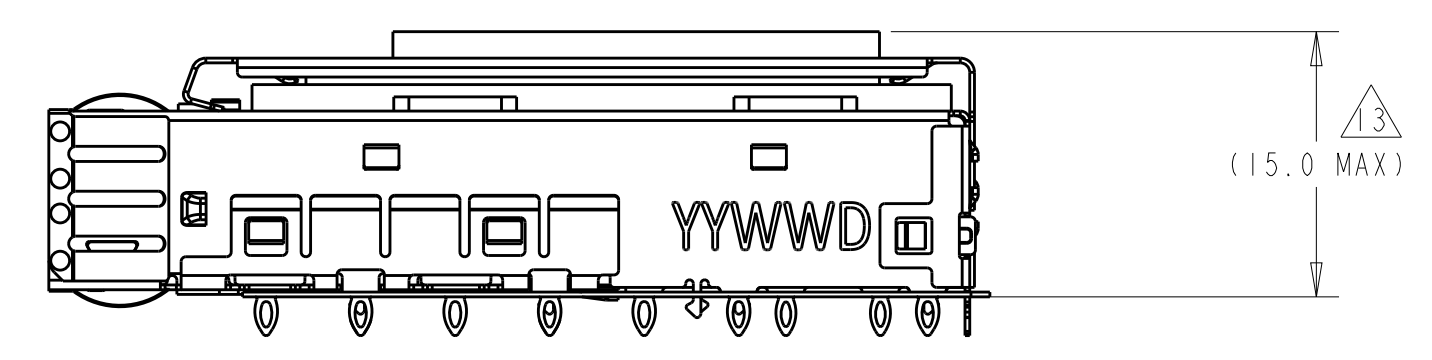
2293156-2 AS SHOWN
SCALE 5:2



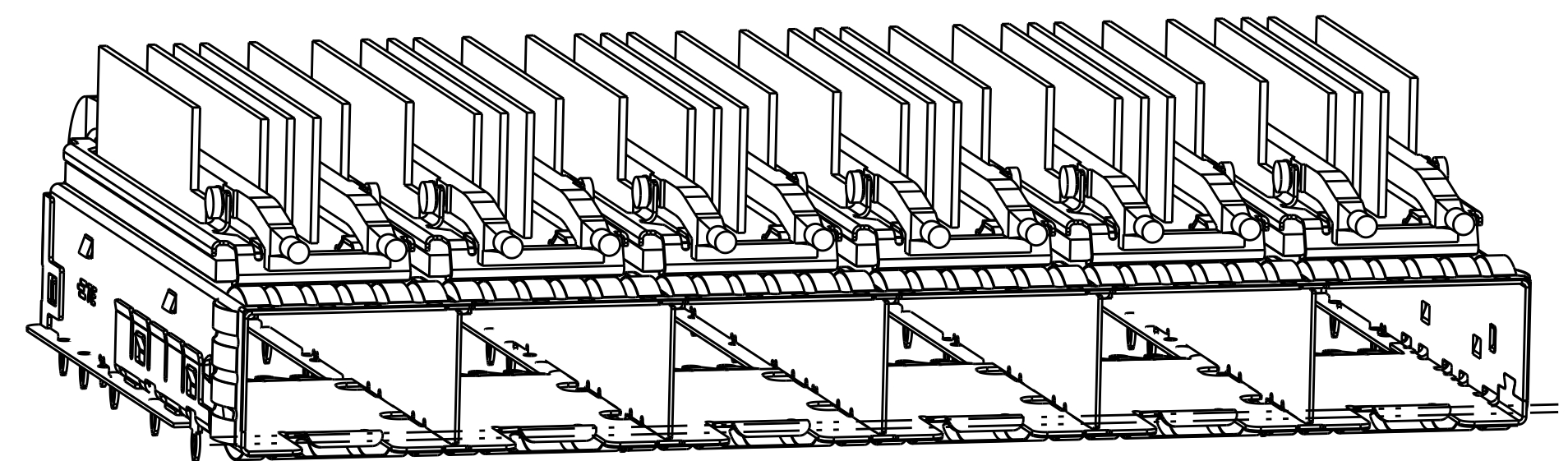
2293156-2
UNSPECIFIED DIMENSIONS ARE SAME AS 2293156-5
SCALE 5:2



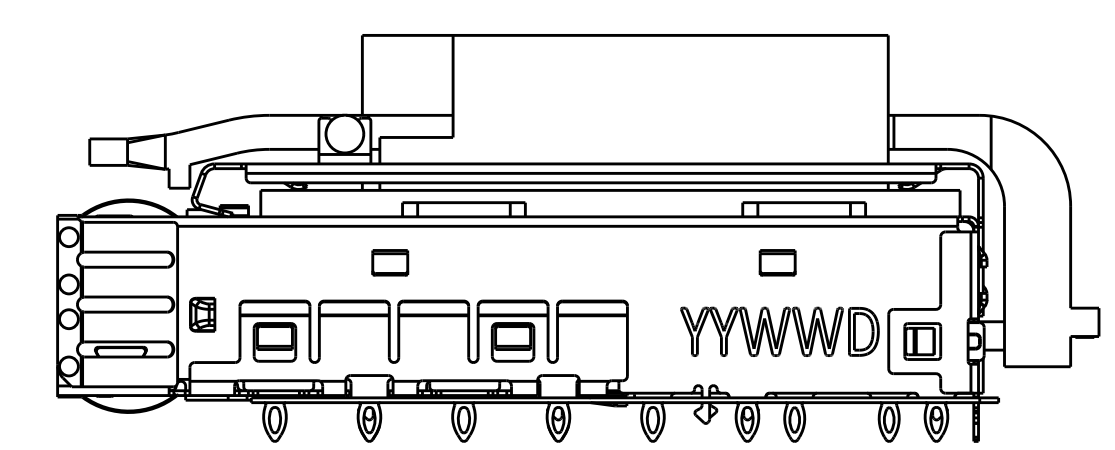
2293156-4 AS SHOWN
SCALE 5:2



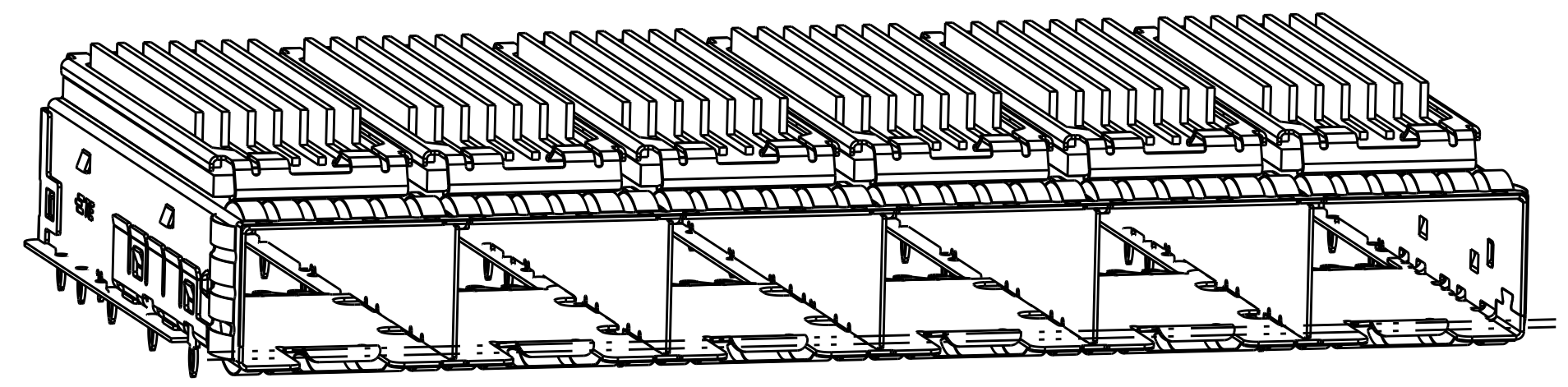
2293156-4
UNSPECIFIED DIMENSIONS ARE SAME AS 2293156-5
SCALE 5:2



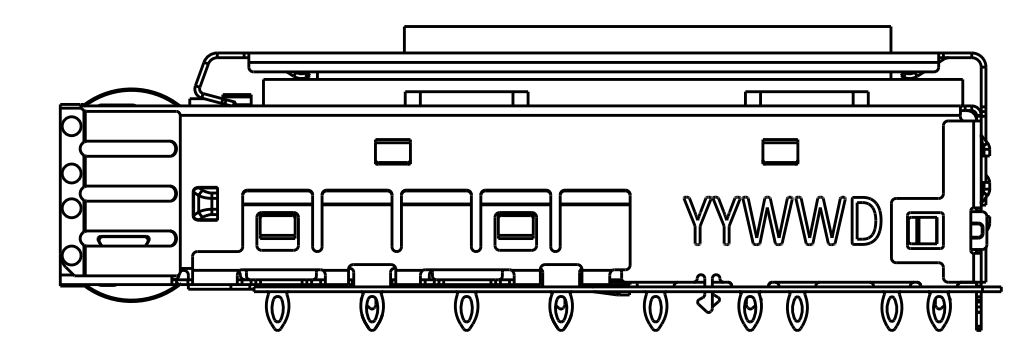
2293156-3 AS SHOWN
SCALE 5:2



2293156-3
IS SAME AS 2293156-5 EXCEPT FOR EMI SPRING
SCALE 5:2



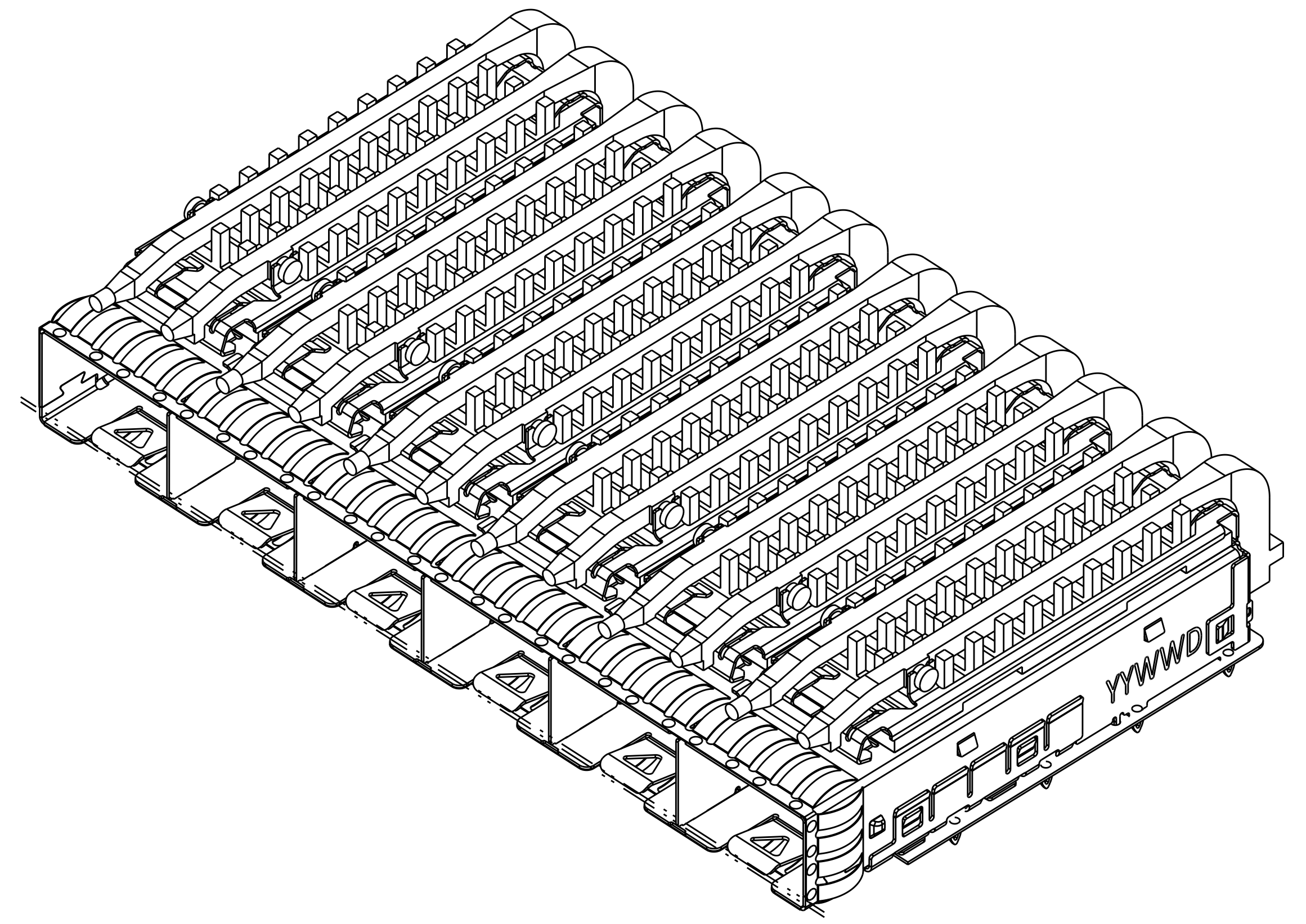
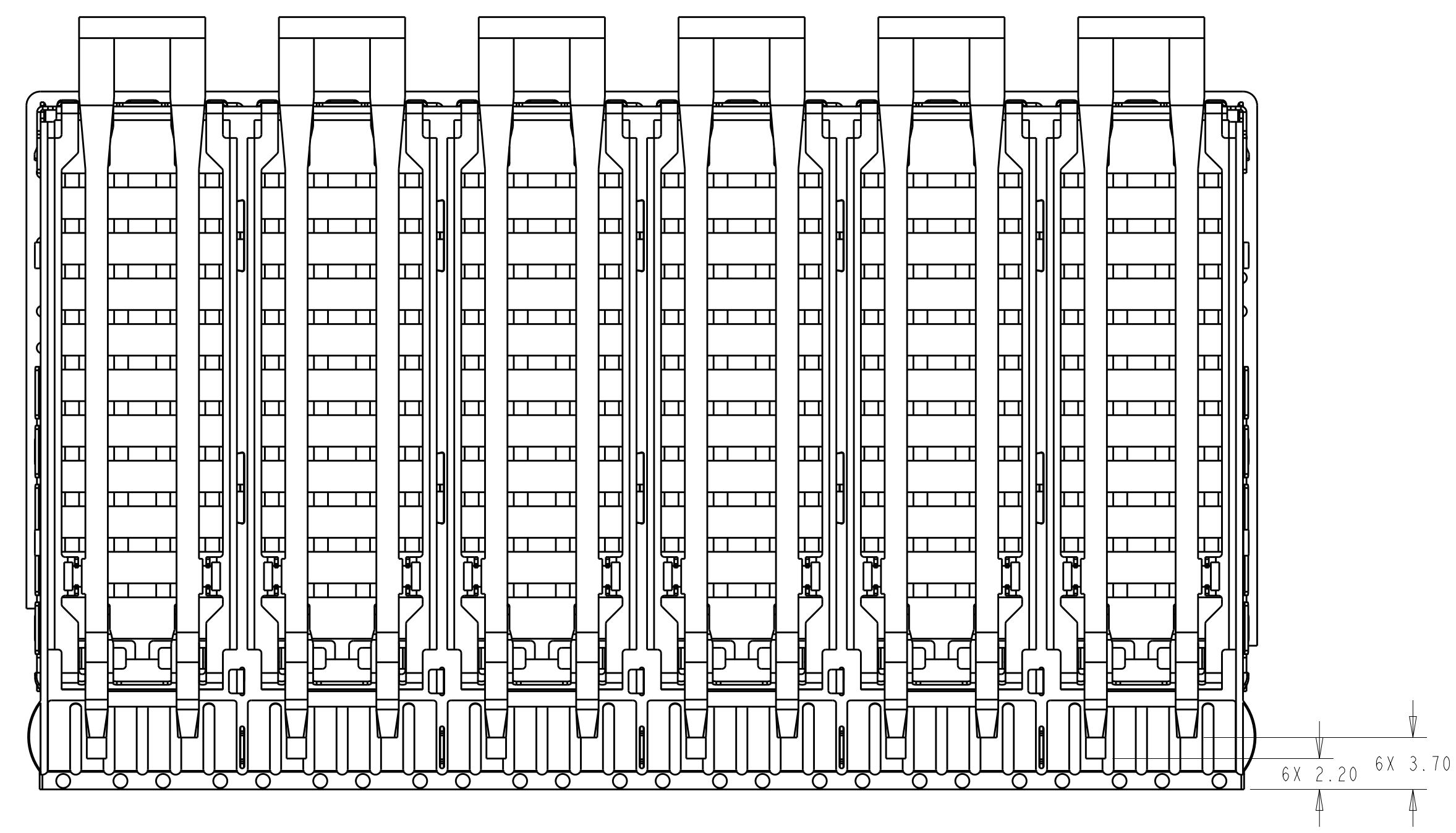
2293156-6 AS SHOWN
SCALE 5:2



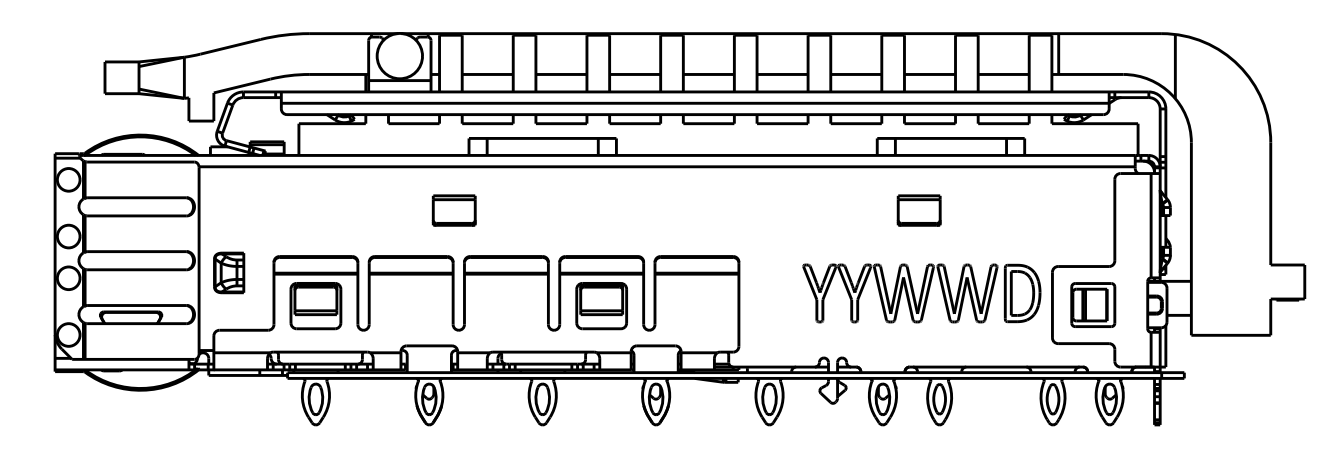
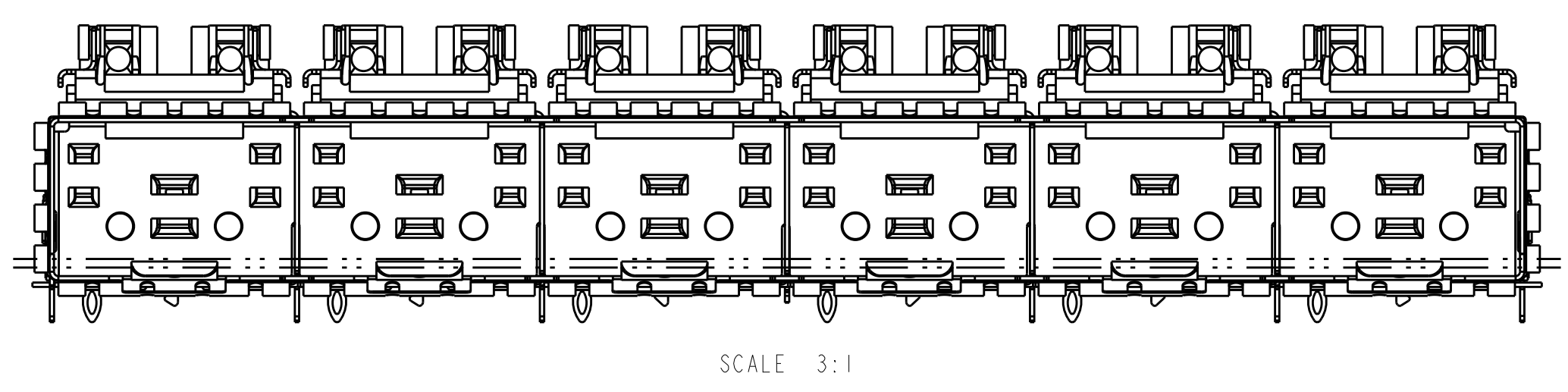
2293156-6
IS SAME AS 2293156-4 EXCEPT FOR EMI SPRING
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: PETER PAN 20MAY2015	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 20MAY2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 20MAY2015	NAME: CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, zSFP+
0 PLC ±0.25	1 PLC ±0.2	PRODUCT SPEC	SIZE: A1
2 PLC ±0.15	3 PLC ±0.10	APPLICATION SPEC	CAGE CODE: 00779
4 PLC ±	ANGLES ±1°	FINISH	DRAWING NO: 2293156
MATERIAL: SEE NOTES	FINISH: SEE NOTES	WEIGHT: -	RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 3:1	SHEET: 2 OF 7
			REV: C

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		



SCALE 3:1

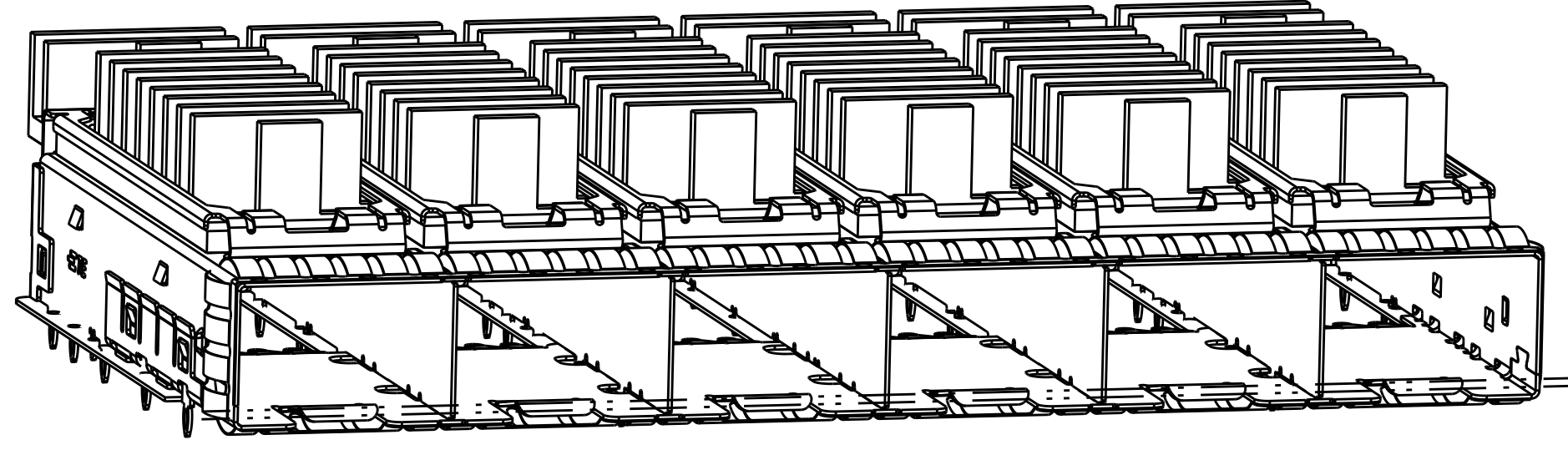


2293156-7 ARE AS SHOWN
 THE OTHER FEATURES AND DIMENSIONS REFER TO 2293156-2

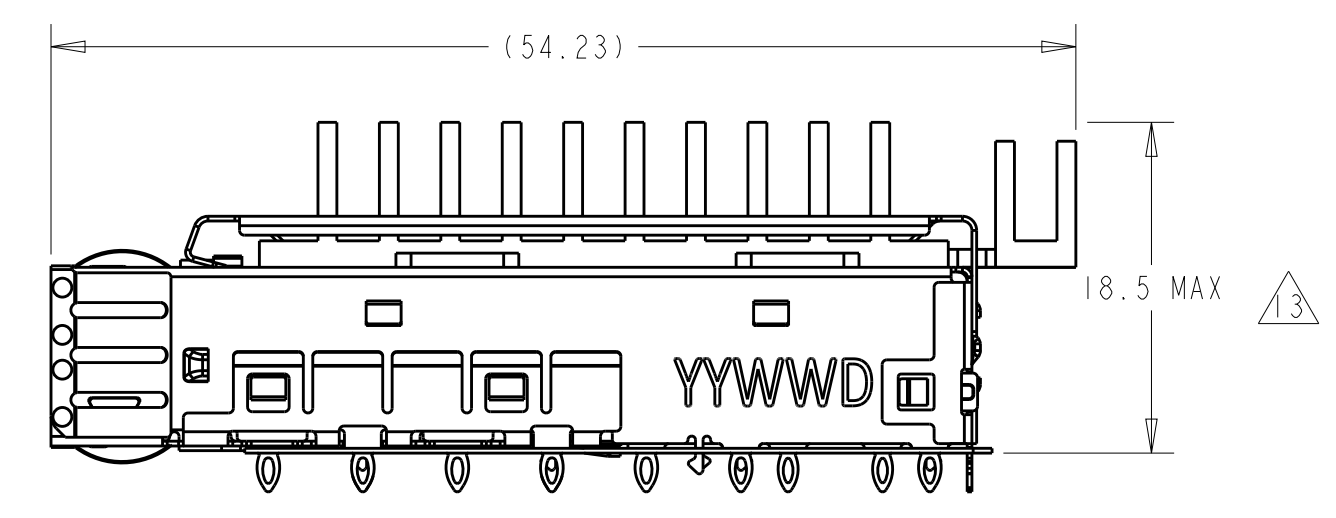
2293156-7
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: PETER PAN 20MAY2015		TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 20MAY2015			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 20MAY2015		NAME: CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, 2 SFP+	
mm		PRODUCT SPEC		SIZE: A1	
0 PLC ±0.25 1 PLC ±0.2 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±°		APPLICATION SPEC		CAGE CODE: 00779	
MATERIAL: SEE NOTES		FINISH: SEE NOTES		DRAWING NO: 2293156	
		WEIGHT: -		CUSTOMER DRAWING	
		SCALE: 3:1		SHEET 3 OF 7	
				REV C	

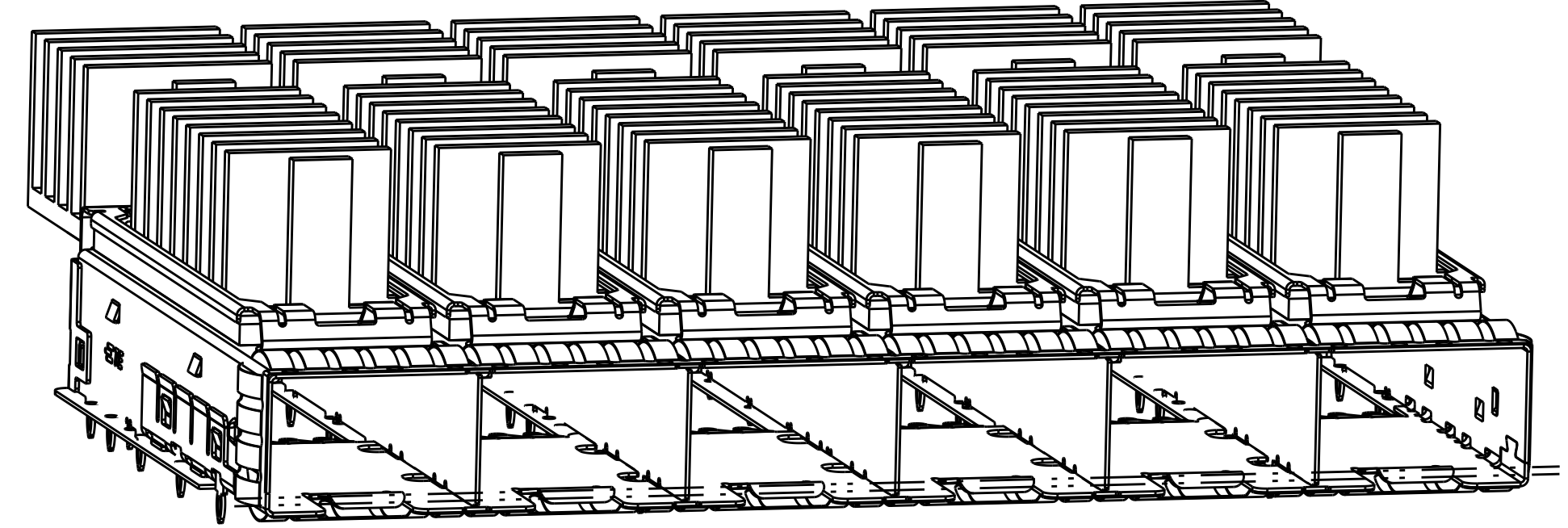
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		



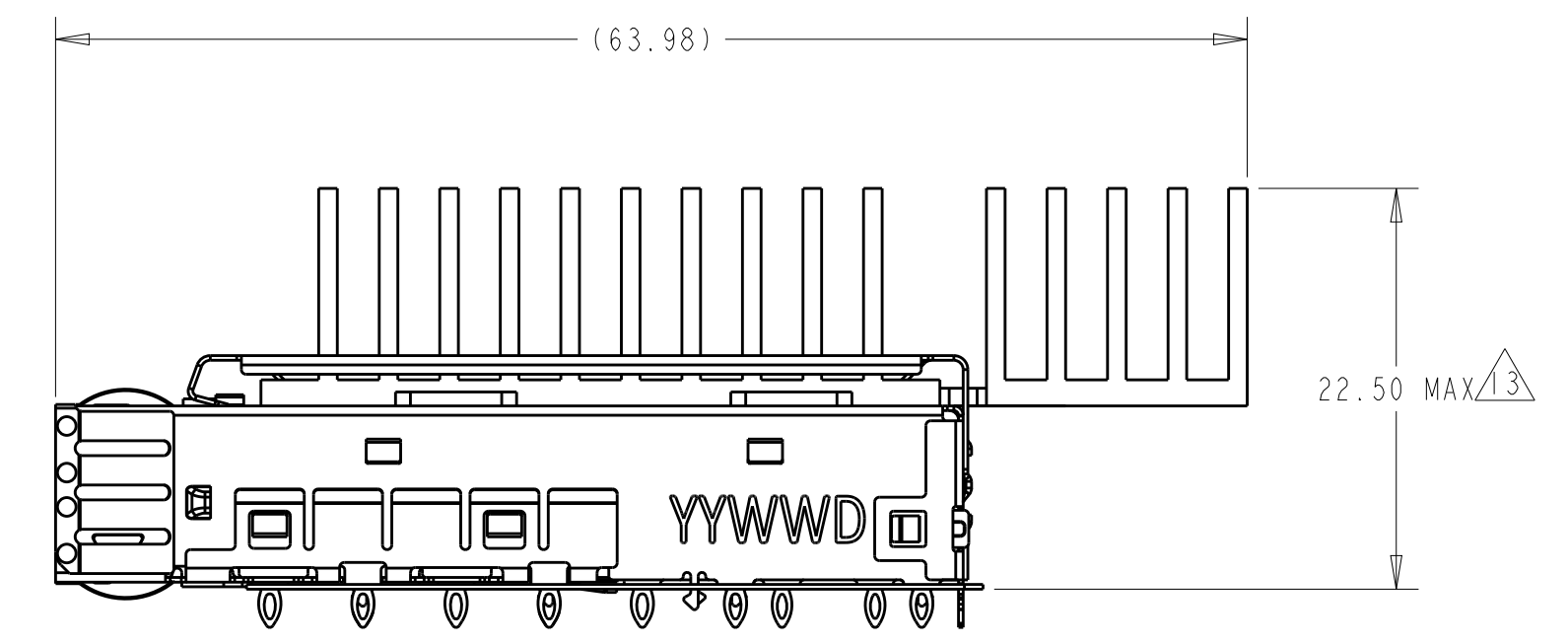
2293156-8 AS SHOWN
 CUSTOMIZED HEAT SINK, AND WITH MULTI-PIECE EMI SPRING
 SCALE 5:2



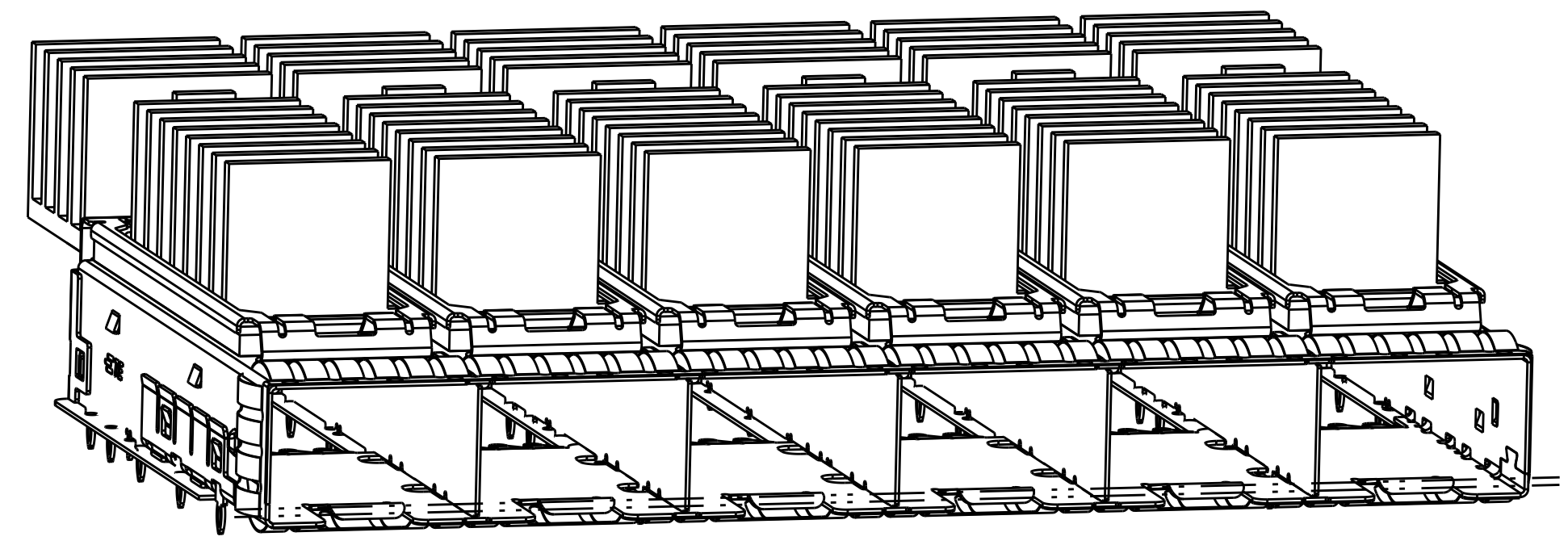
2293156-8 AS SHOWN
 THE OTHER FEATURES AND DIMENSIONS REFER TO 2293156-6
 SCALE 5:2



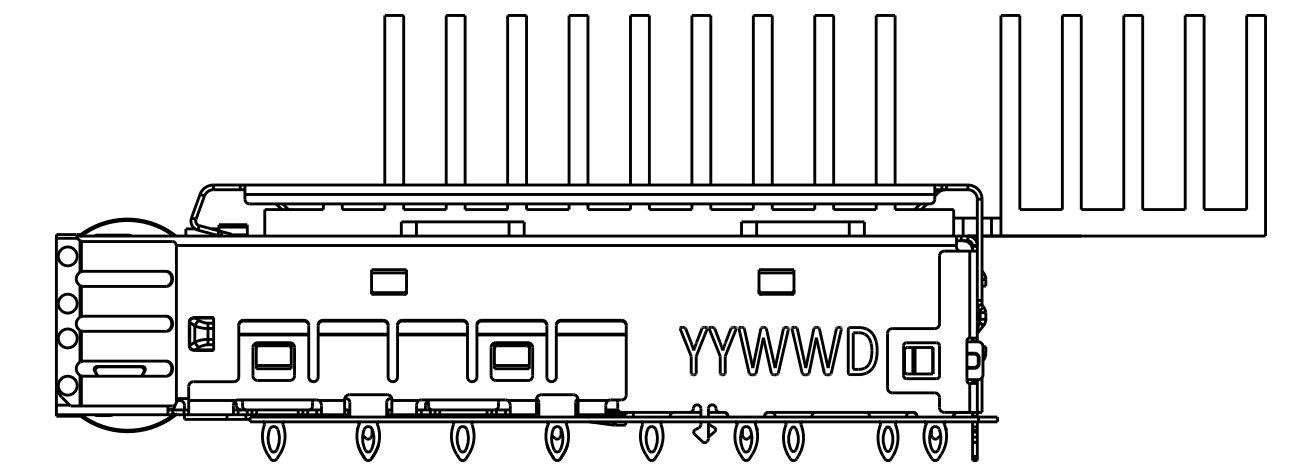
2293156-9 AS SHOWN
 CUSTOMIZED HEAT SINK, AND WITH MULTI-PIECE EMI SPRING
 SCALE 5:2



2293156-9 AS SHOWN
 THE OTHER FEATURES AND DIMENSIONS REFER TO 2293156-8
 SCALE 5:2



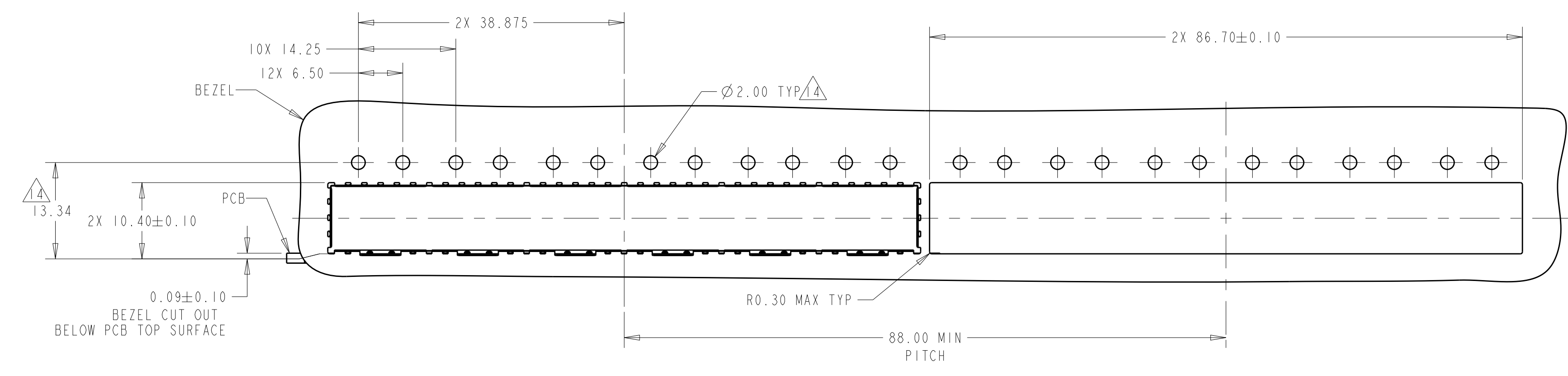
1-2293156-0 AS SHOWN
 CUSTOMIZED HEAT SINK, AND WITH MULTI-PIECE EMI SPRING
 SCALE 5:2



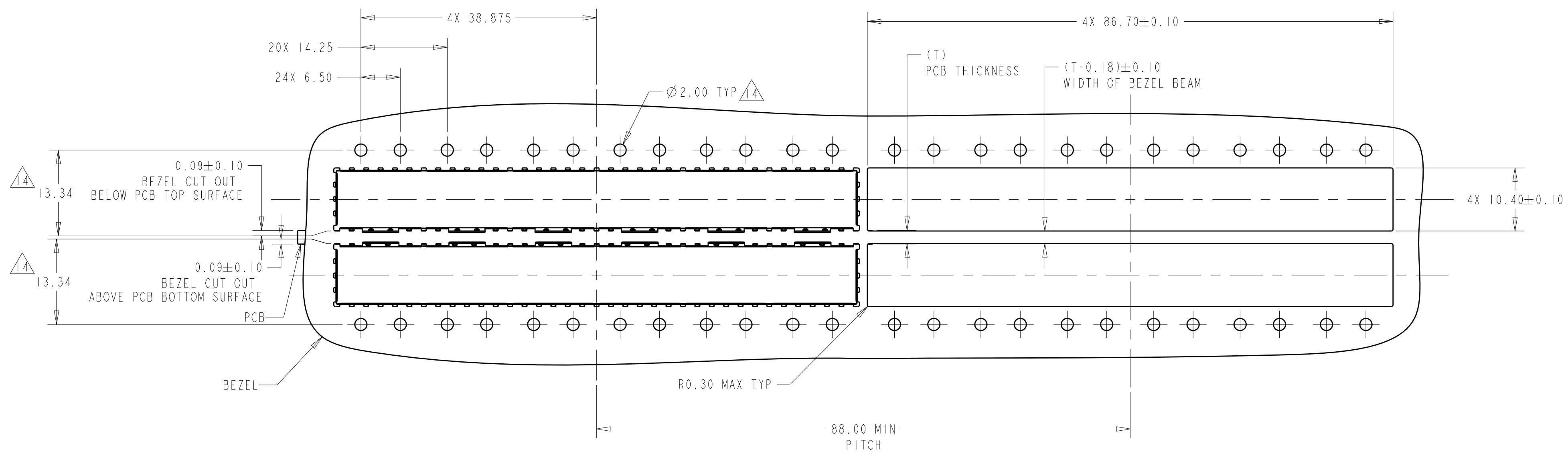
1-2293156-0 AS SHOWN
 THE OTHER FEATURES AND DIMENSIONS REFER TO 2293156-9
 SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN PETER PAN 20MAY2015	TE Connectivity
DIMENSIONS:		CHK SEAN HAN 20MAY2015	
mm	0 PLC ±0.25 1 PLC ±0.2 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±°	APVD SEAN HAN 20MAY2015	NAME CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, zSFP+
MATERIAL SEE NOTES	FINISH SEE NOTES	PRODUCT SPEC	
		APPLICATION SPEC	RESTRICTED TO
		WEIGHT	SIZE A1
		CUSTOMER DRAWING	CAGE CODE DRAWING NO. 00779 ©=2293156
		SCALE 3:1	SHEET 4 OF 7 REV C

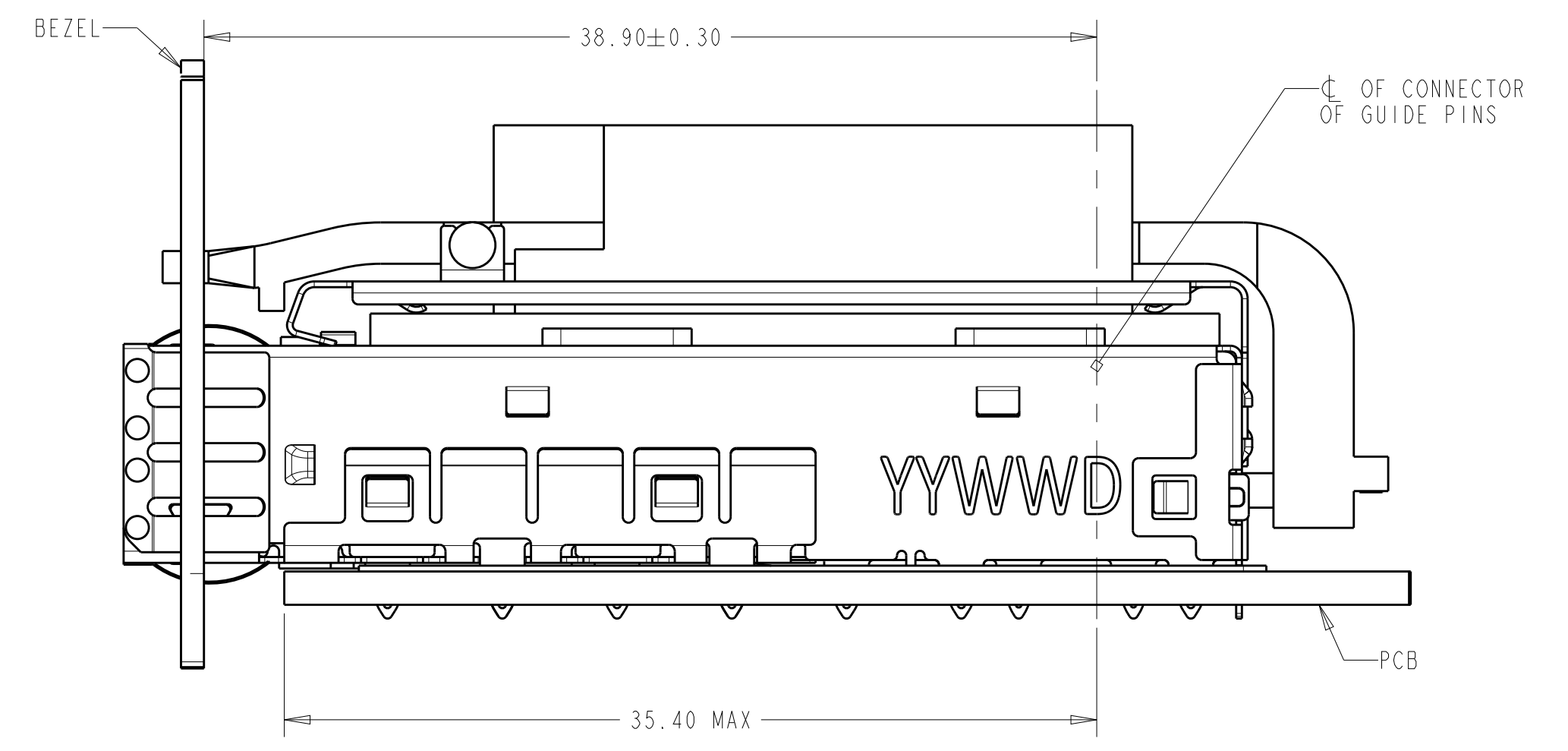
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		



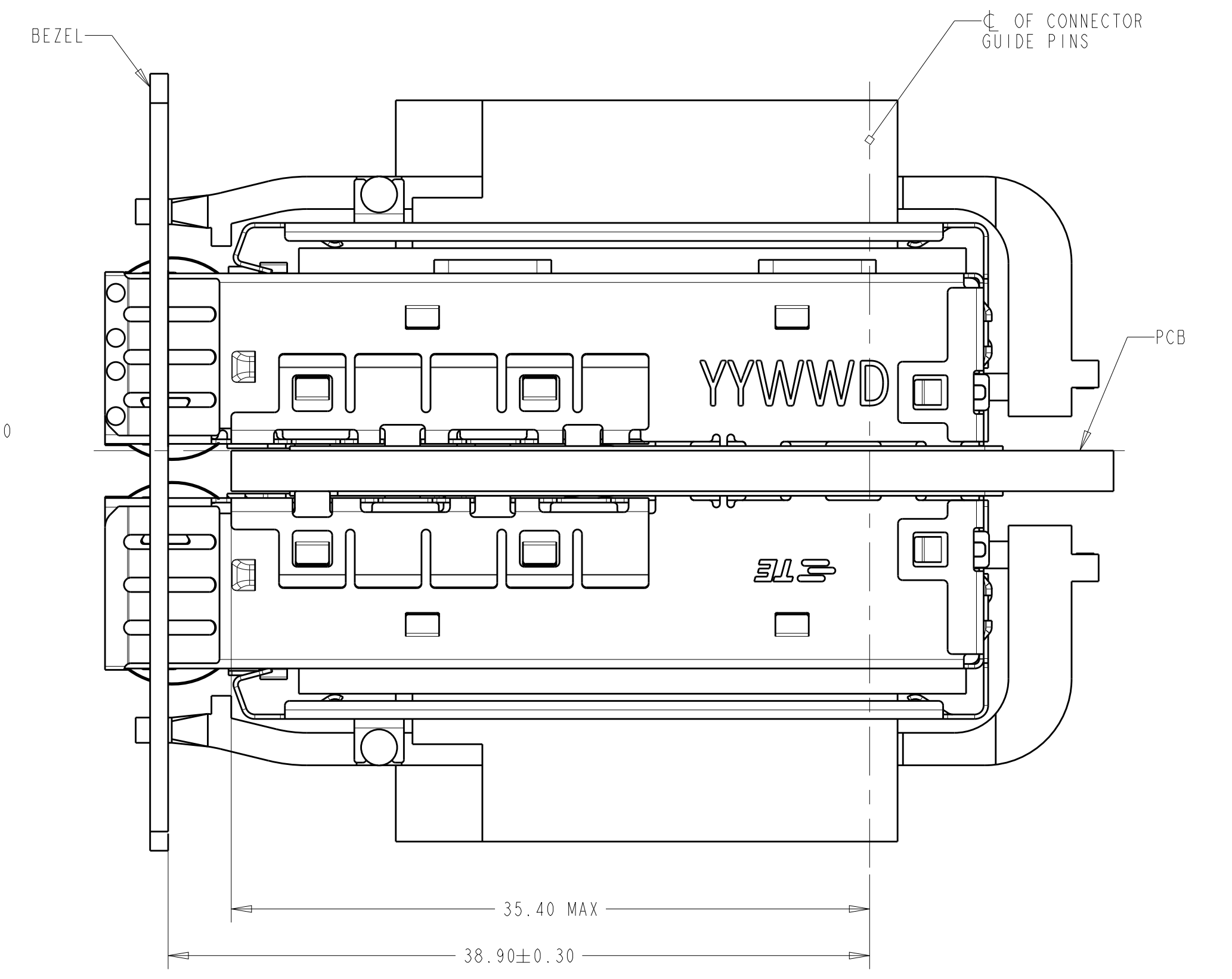
RECOMMENDED SINGLE SIDED APPLICATIONS
 SCALE 2:1



RECOMMENDED BELLY TO BELLY APPLICATION
 SCALE 2:1



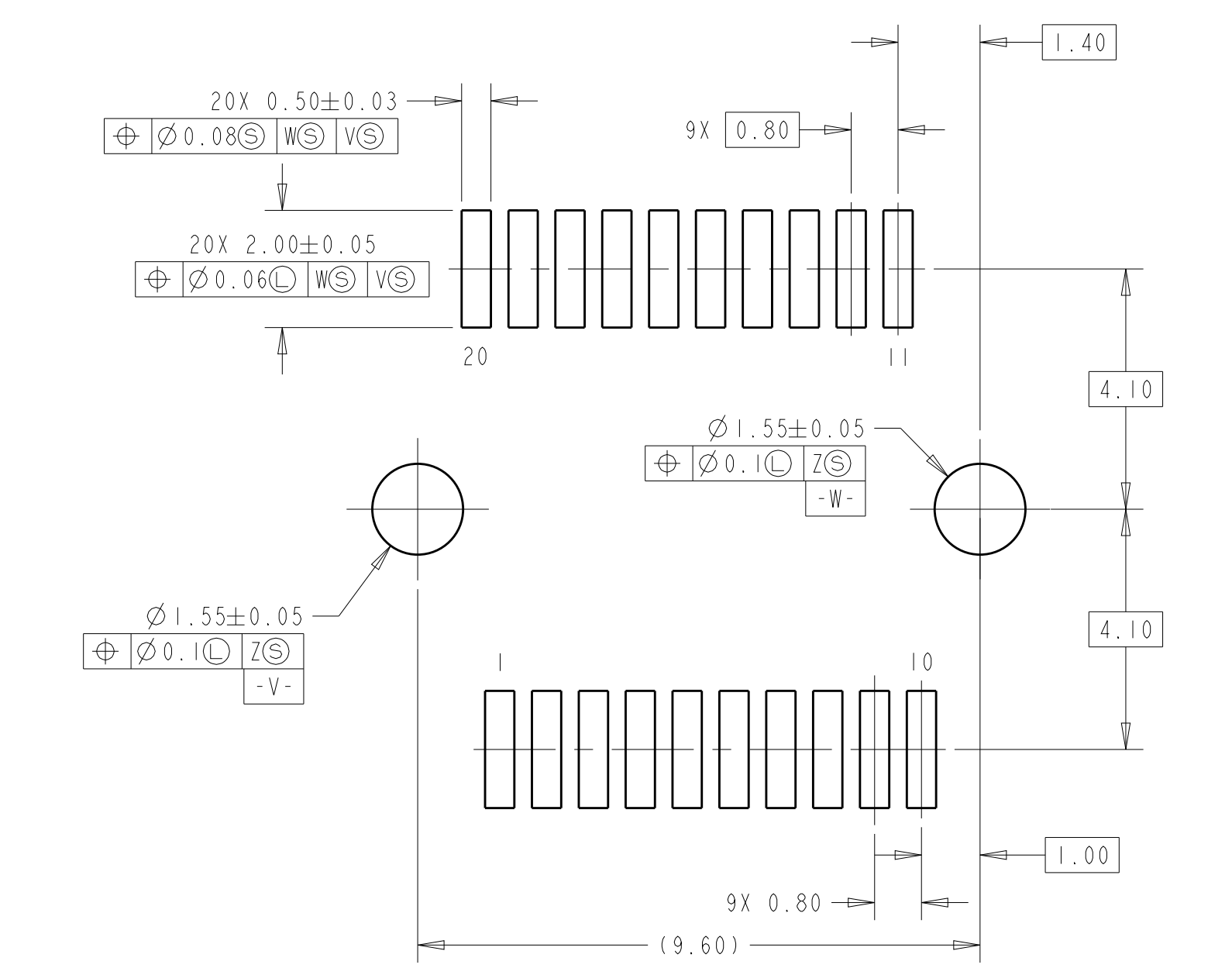
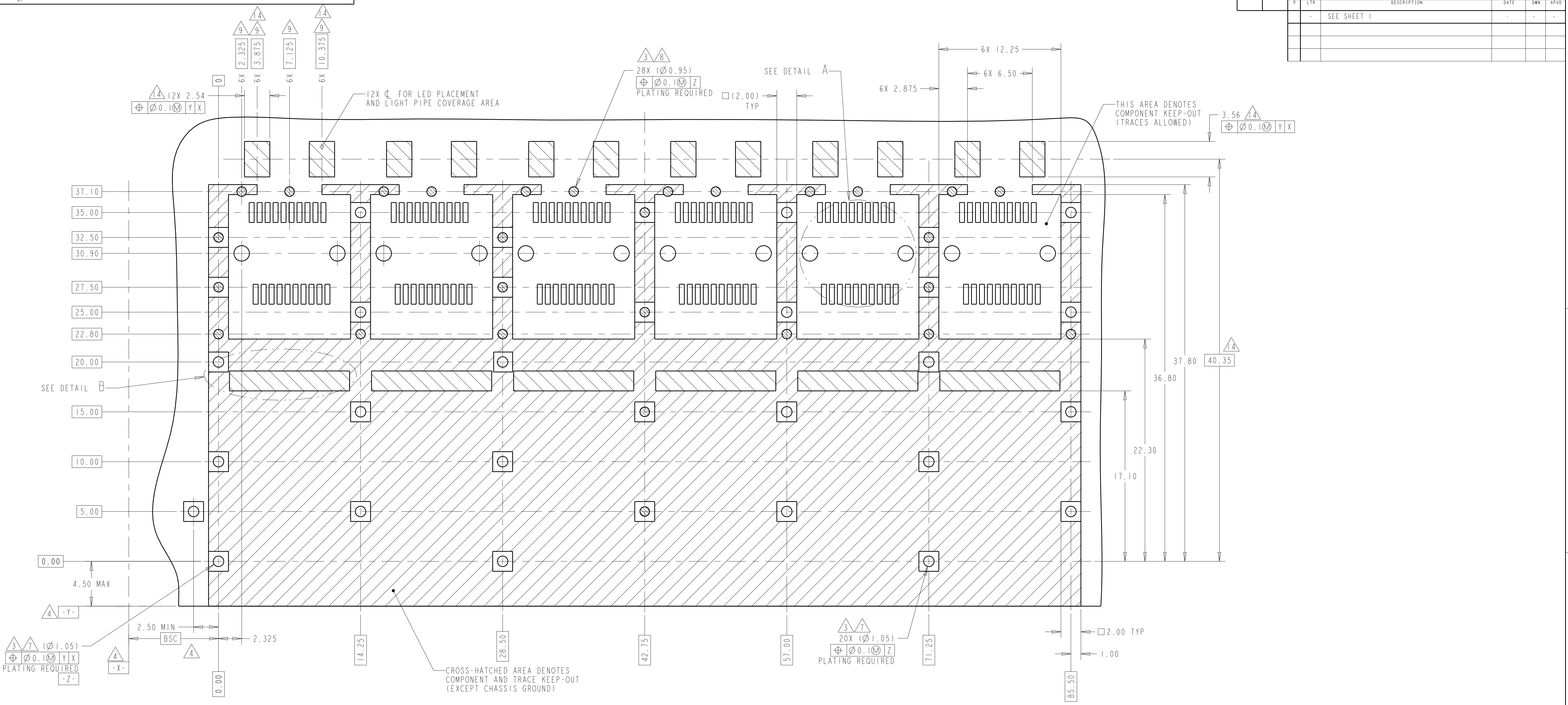
MOUNTED ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL
 SCALE 4:1



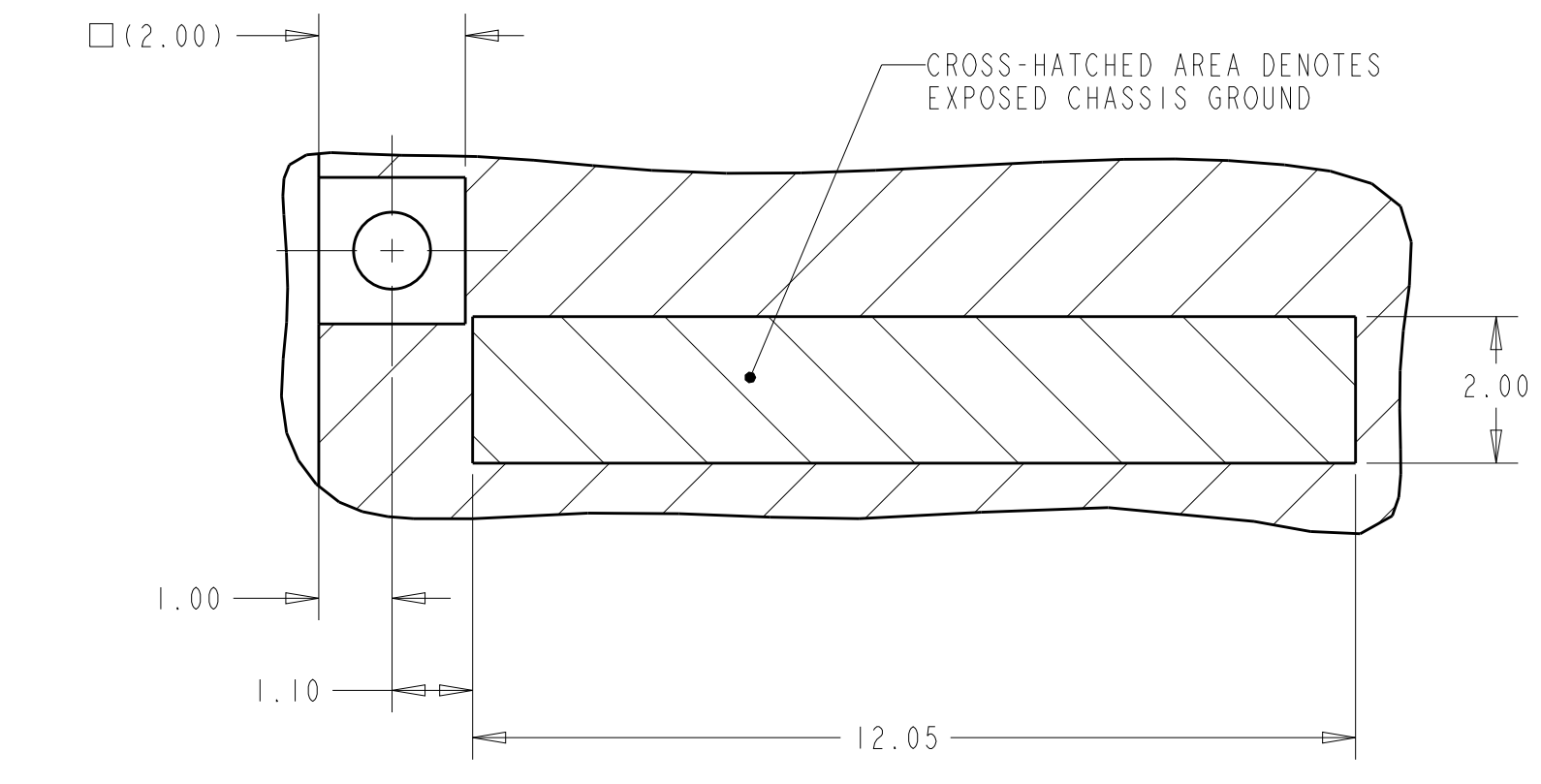
MOUNTED BELLY TO BELLY ON PC BOARD
 SHOWN THRU RECOMMENDED BEZEL
 SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		OWN: PETER PAN 20MAY2015	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 20MAY2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN 20MAY2015	NAME: CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, ZSFP+
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±°		PRODUCT SPEC: -	
MATERIAL: SEE NOTES		APPLICATION SPEC: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2293156
FINISH: SEE NOTES		WEIGHT: -	
CUSTOMER DRAWING		SCALE: 3:1	RESTRICTED TO: -
		SHEET: 5 OF 7	REV: C

LOC		DIST		REVISIONS			
P.	LTN.	DESCRIPTION	DATE	DMN.	APVD.		
-	-	SEE SHEET 1	-	-	-		



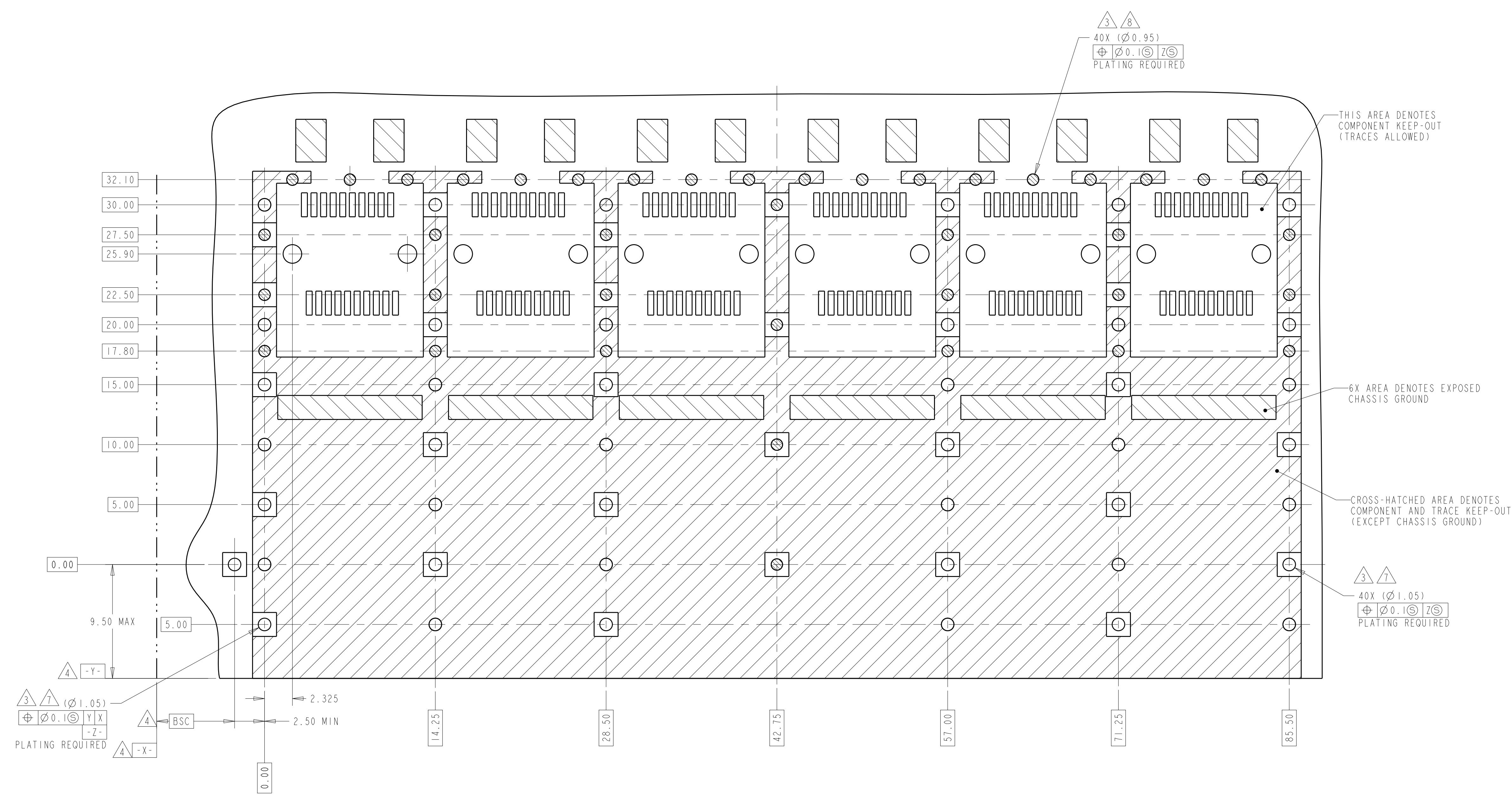
RECOMMENDED PCB CONFIGURATION WITH KEEP-OUT AREAS FOR SINGLE SIDED APPLICATION
PCB TOLERANCE : ±0.05
SCALE 5:1



DETAIL B
6X INDIVIDUALLY
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DMN: PETER PAN ZOMAY2015	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN ZOMAY2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: SEAN HAN ZOMAY2015	NAME: CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, zSFP+
0 PLC ±0.25 1 PLC ±0.2 2 PLC ±0.15 3 PLC ±0.10 4 PLC ±0.08 ANGLES ±°		PRODUCT SPEC: -	
MATERIAL: SEE NOTES		APPLICATION SPEC: -	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2293156
FINISH: SEE NOTES		WEIGHT: -	
CUSTOMER DRAWING		SCALE: 3:1	SHEET 6 OF 7 REV C

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB CONFIGURATION
 WITH KEEP-OUT AREAS FOR BELLY TO BELLY APPLICATION
 SAME AS SINGLE SIDED APPLICATION, EXCEPT AS SHOWN
 PCB TOLERANCE: ±0.05
 SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DMN: PETER PAN ZOMAY2015 CHK: SEAN HAN ZOMAY2015 APP'D: SEAN HAN ZOMAY2015	TE Connectivity NAME: CAGE ASSEMBLY WITH LIGHT PIPES, PRESS-FIT, EMI SPRINGS, 1X6, zSFP+ SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2293156 RESTRICTED TO: -
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.2 2 PLC ±0.15 3 PLC ±0.10 4 PLC ± ANGLES ±1°	PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - CUSTOMER DRAWING	
MATERIAL: SEE NOTES	FINISH: SEE NOTES	SCALE: 3:1	SHEET 7 OF 7 REV C