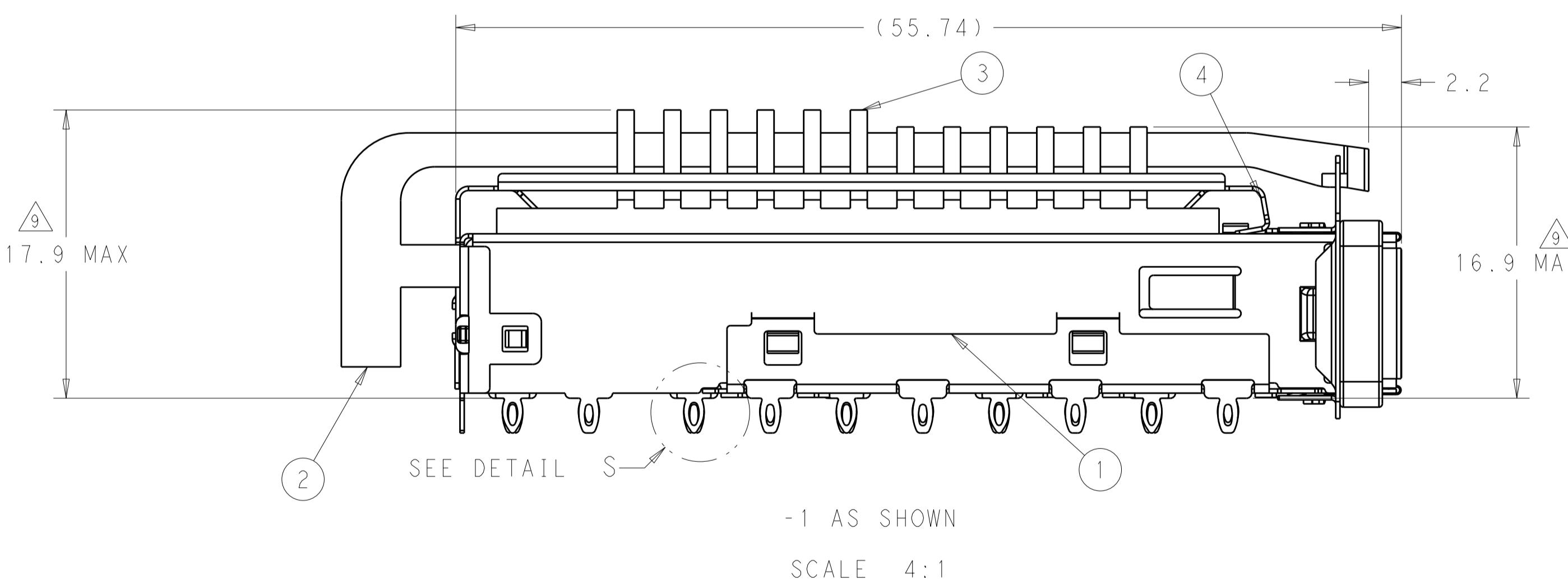
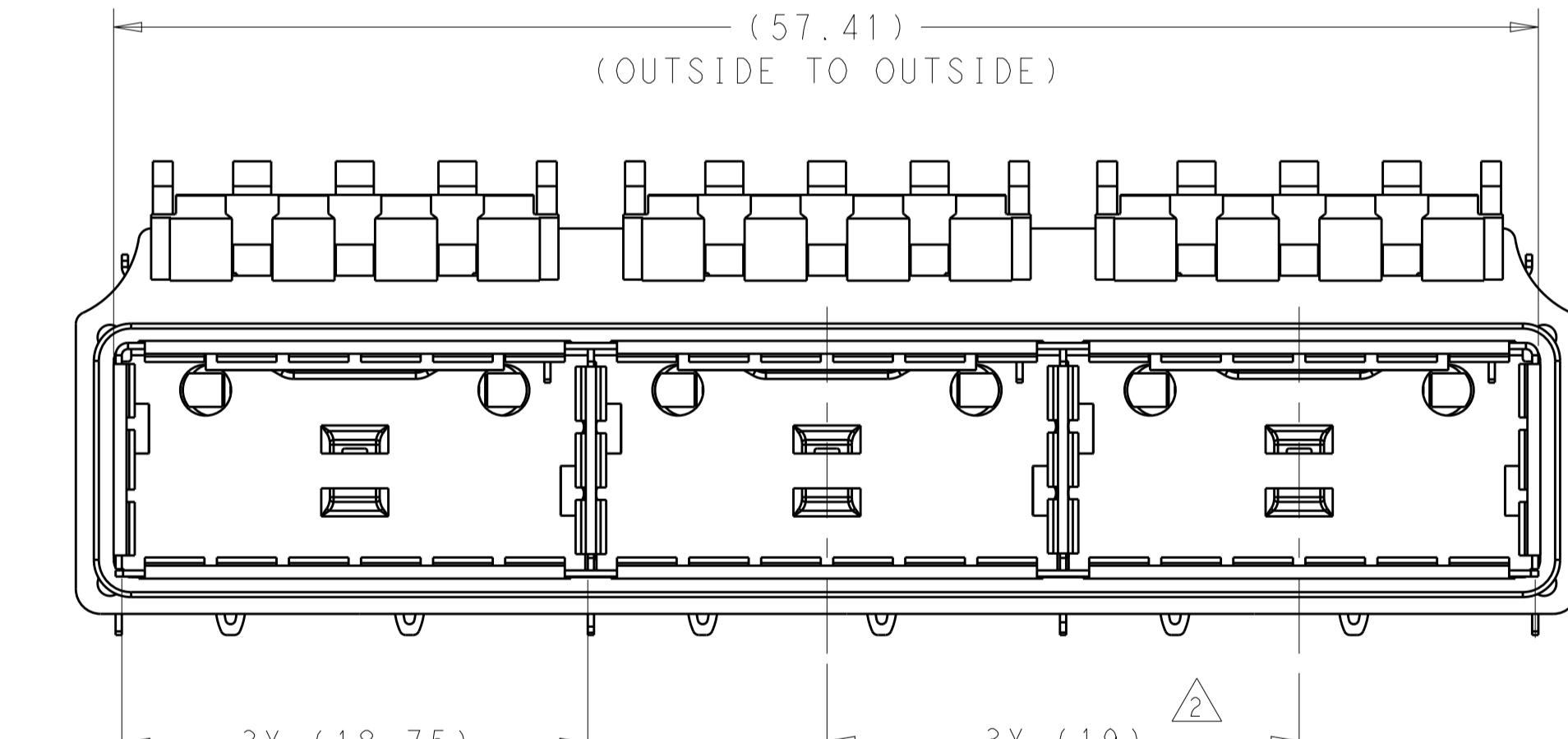
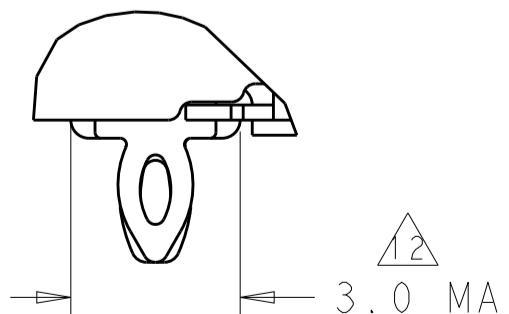
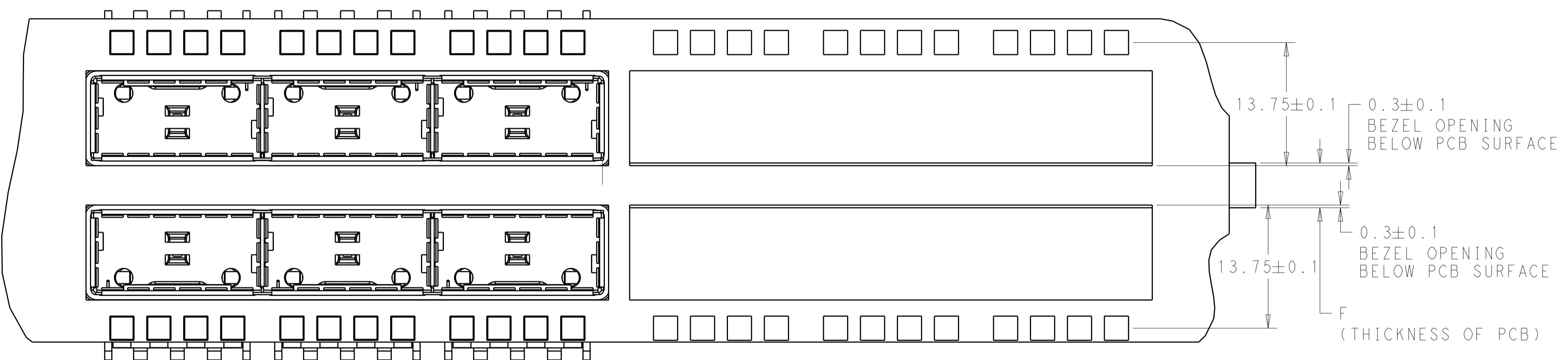
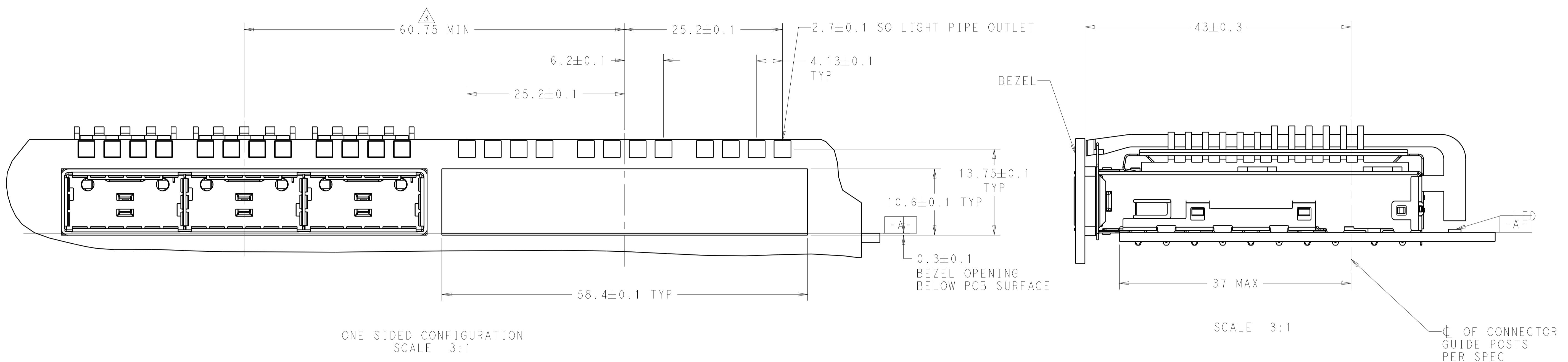


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<p>1 CAGE ASSEMBLY MATERIAL: NICKEL SILVER, 0.25 THICK HEAT SINK MATERIAL: ALUMINUM HEAT SINK CLIP MATERIAL: STAINLESS STEEL EMI SPRING MATERIAL: COPPER ALLOY EMI GASKET PLATE MATERIAL: STAINLESS STEEL LIGHT PIPE MATERIAL: CLEAR POLYCARBONATE</p> <p>2 PITCH BETWEEN PORTS OF ONE 1X3 CAGE ASSEMBLY.</p> <p>3 SPACING BETWEEN CAGES ON THE SAME PC BOARD, TO BE SPECIFIED BY CUSTOMER, MUST COMPLY WITH MINIMUM DIMENSIONS SHOWN.</p> <p>4 REFERENCE APPLICATION SPEC 114-13217 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.</p> <p>5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.</p> <p>6 DIMENSION F IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD, SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45mm DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 5.0mm PER CUSTOMER.</p> <p>7 HEAT SINKS, LIGHT PIPES, AND HEAT SINK CLIPS SHIPPED ASSEMBLED TO CAGE ASSEMBLY. CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.</p> <p>8 DATUM A IS TOP SURFACE OF PC BOARD.</p> <p>9 DIMENSION APPLIES WITH MODULE INSERTED IN CAGE.</p> <p>10 UNPLATED THRU HOLE.</p> <p>11. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.</p> <p>12 SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL S, CONTACT PC BOARD.</p> <p>13 BASELINE FOR THESE DIMENSIONS IS THE CENTER OF COMPLIANT PIN HOLE.</p> <p>14 DATE CODE (YYWWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINKS APPLIES TO CAGE ASSEMBLY ONLY.</p>																																																											
 <p>SEE DETAIL S</p> <p>-1 AS SHOWN</p> <p>SCALE 4:1</p>																																																											
 <p>(55.74)</p> <p>17.9 MAX</p> <p>16.9 MAX</p> <p>(57.41) (OUTSIDE TO OUTSIDE)</p> <p>3X (18.75)</p> <p>3X (19)</p> <p>12</p>																																																											
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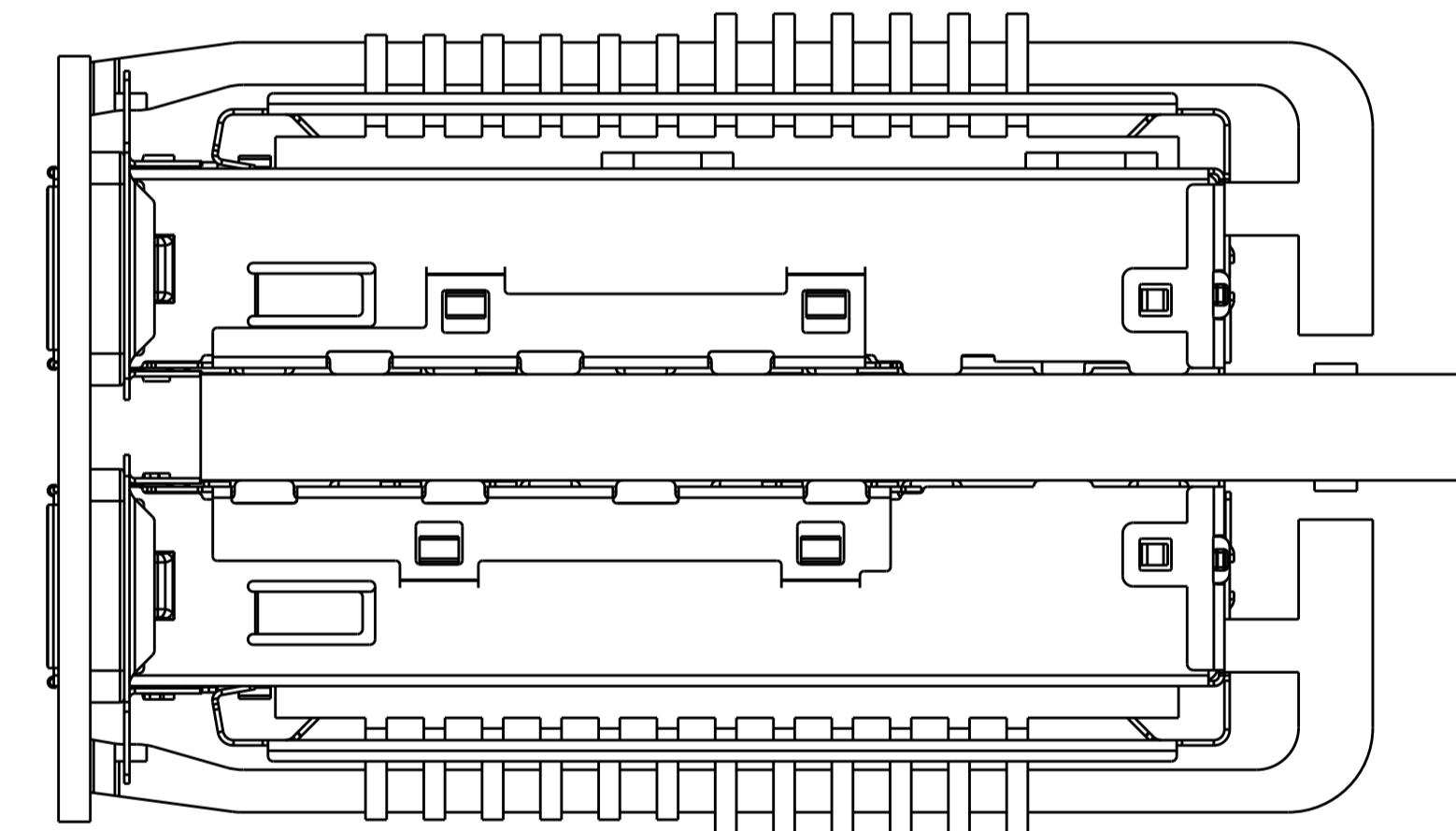
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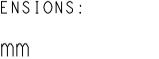
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	SEE SHEET 1		-	-	-



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED
EXCEPT WHERE NOTED
SCALE 3:1



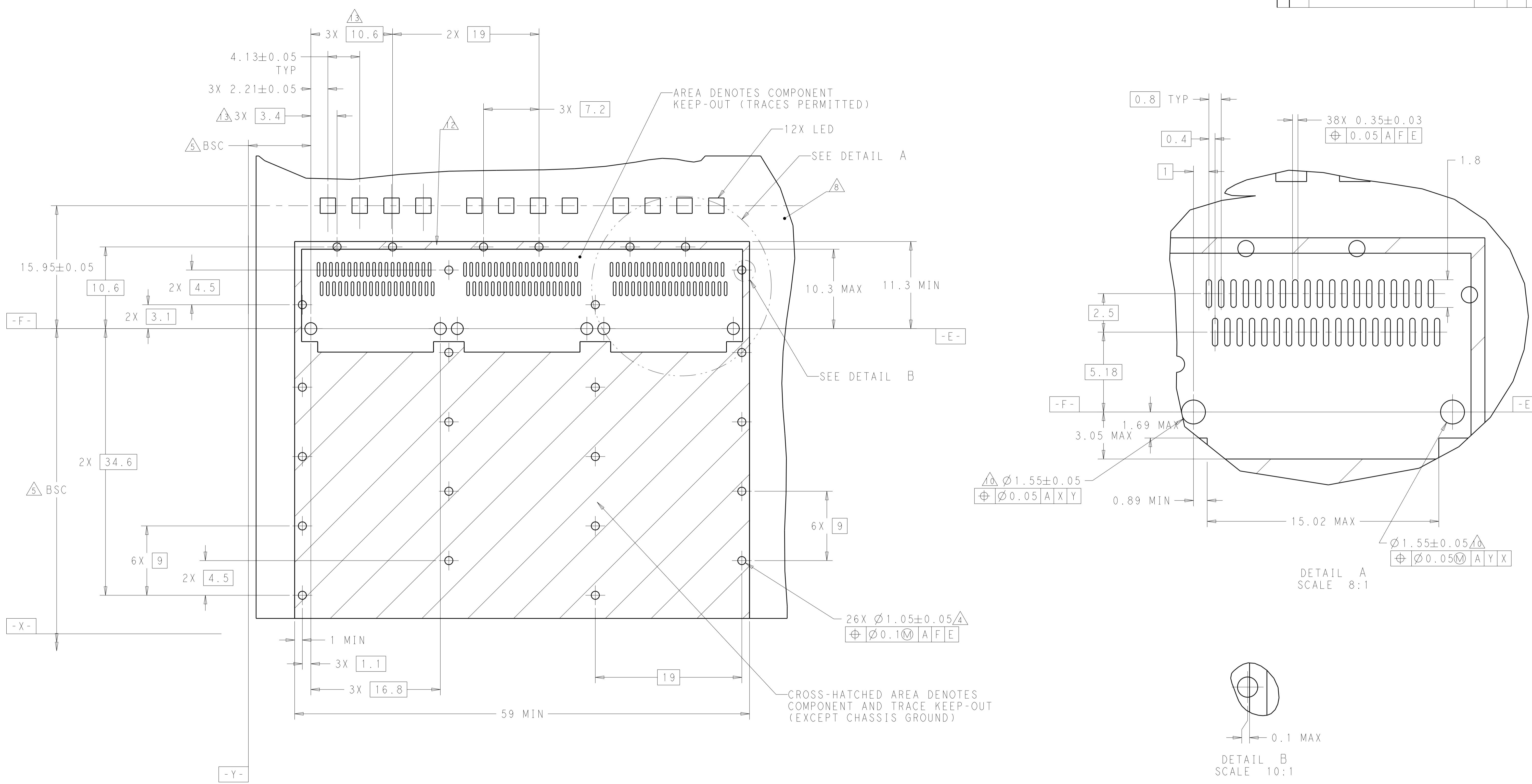
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	0 PLC	±-	PRODUCT SPEC 108-2286	NAME 1X3 CAGE ASSEMBLY, THRU BEZEL W/ELASTOMERIC GASKET AND HEAT SINKS QSFP
	1 PLC	±0.35		
	2 PLC	±0.25	APPLICATION SPEC 114-13217	
	3 PLC	±-		
	4 PLC	±-		
ANGLES	±-			RESTRICTED TO -
MATERIAL	FINISH	WEIGHT -	A 100779 C-2170507	
CUSTOMER DRAWING				SCALE 1:1 SHEET 2 OF 6 REV A

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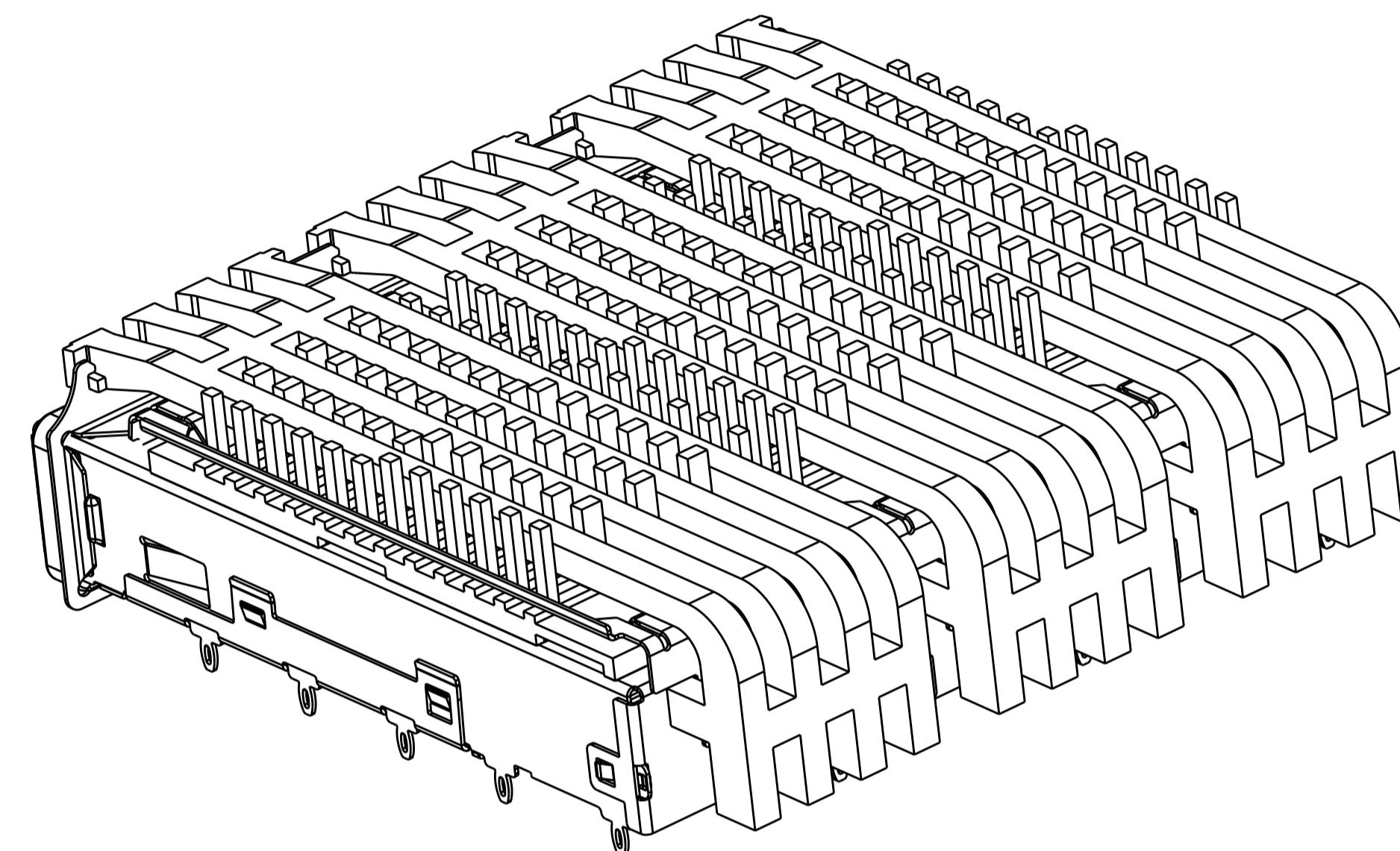
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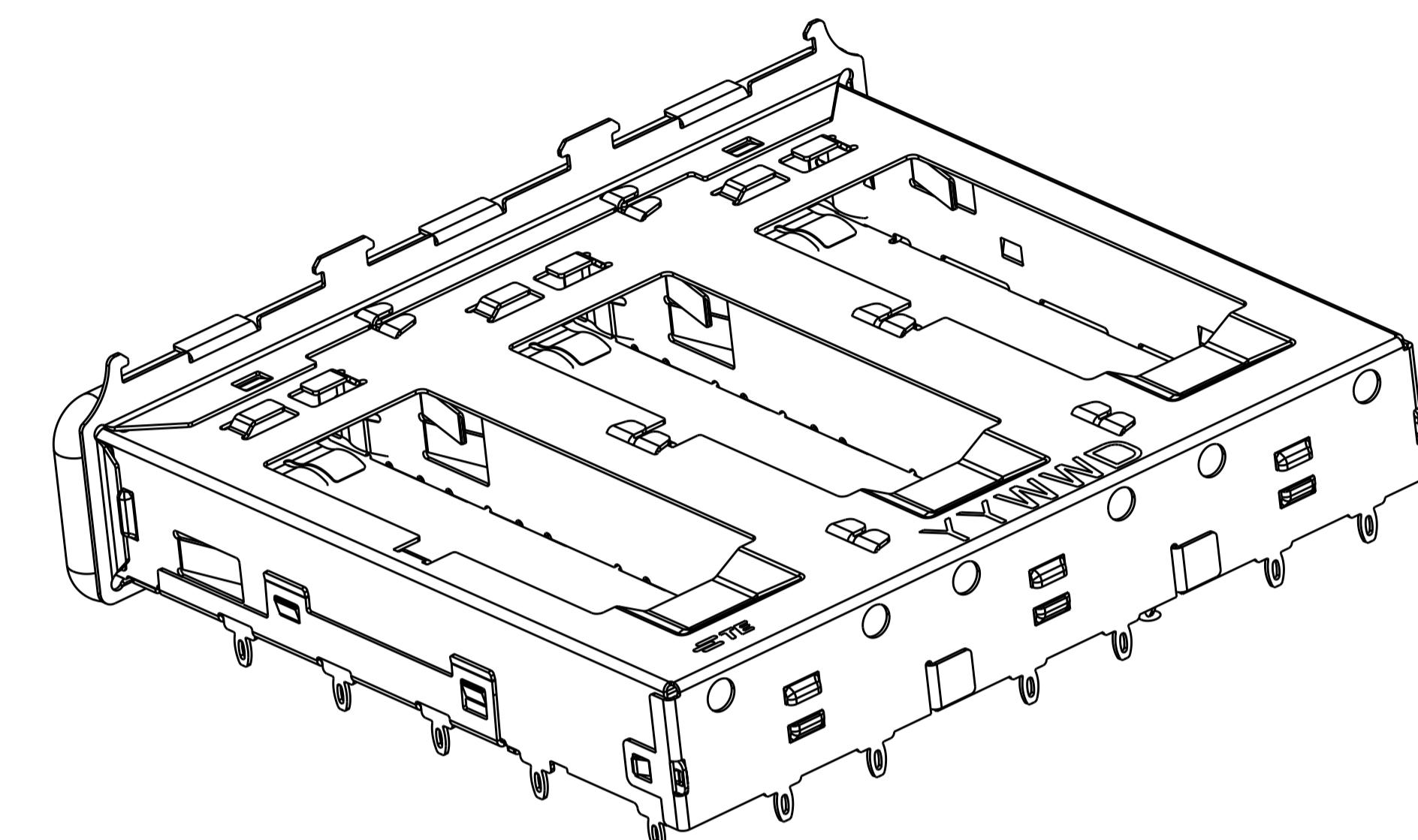
RECOMMENDED PC BOARD LAYOUT
SINGLE SIDE MOUNT CONFIGURATION
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 27MAR2013	 TE Connectivity
		CHK ALEX CAI 27MAR2013	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALEX CAI 27MAR2013
		0 PLC \pm 1 PLC ± 0.35 2 PLC ± 0.25 3 PLC \pm 4 PLC \pm ANGLES \pm	PRODUCT SPEC 108-2286
			APPLICATION SPEC 114-13217
MATERIAL		FINISH	WEIGHT -
			CUSTOMER DRAWING
			SCALE 1:1
			SHEET 3 OF 6
			REV A

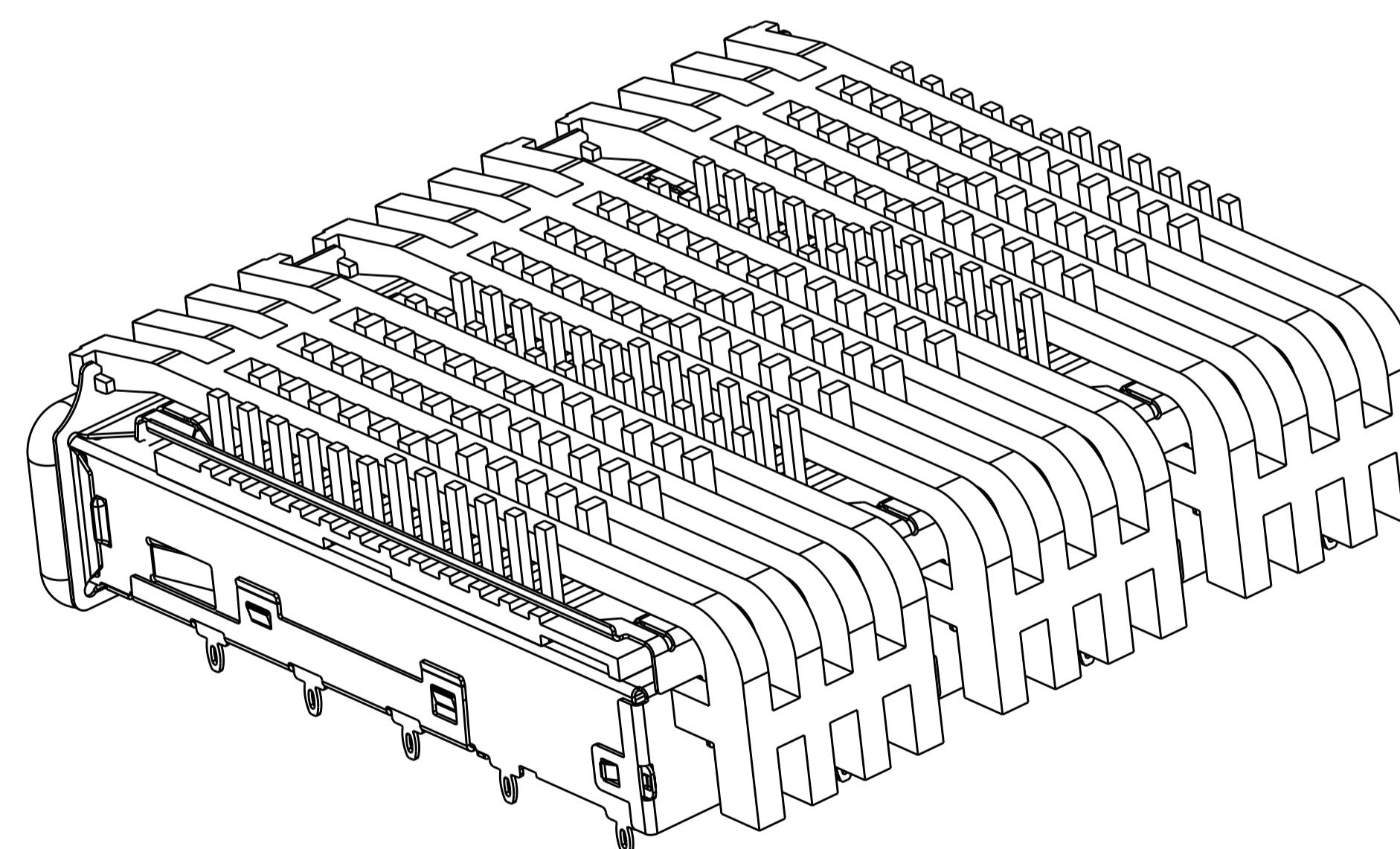
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		P	LTR	DESCRIPTION	DATE
		-		SEE SHEET 1	-



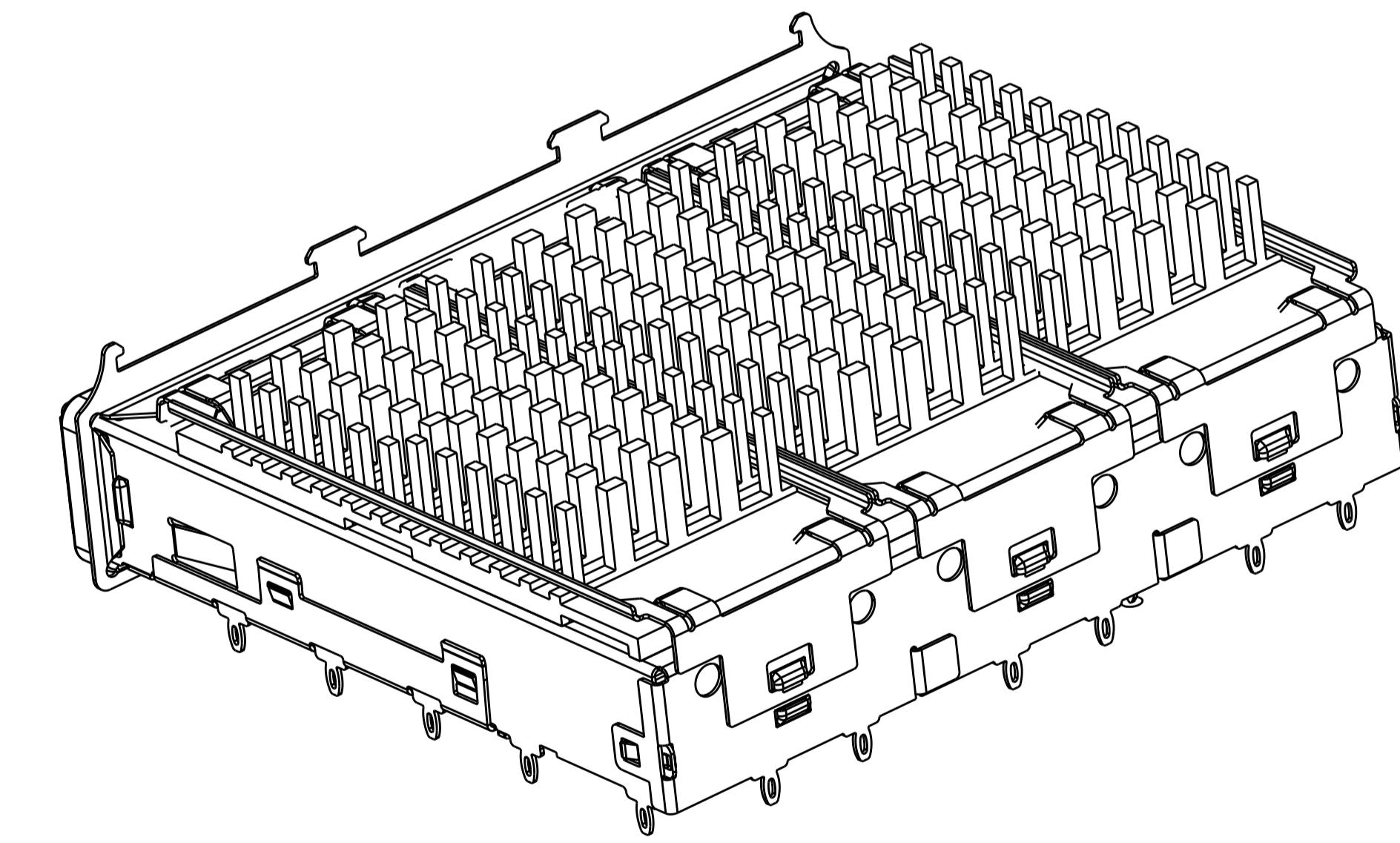
2170507-1 AS SHOWN
SCALE 3:1



2170507-2 AS SHOWN
SCALE 3:1



2170507-3 AS SHOWN
SCALE 3:1



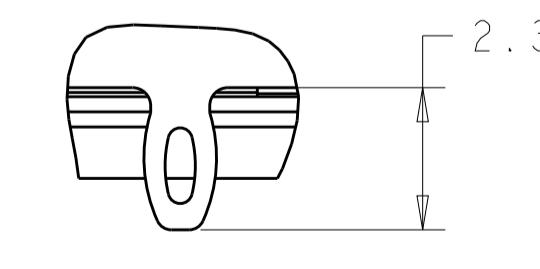
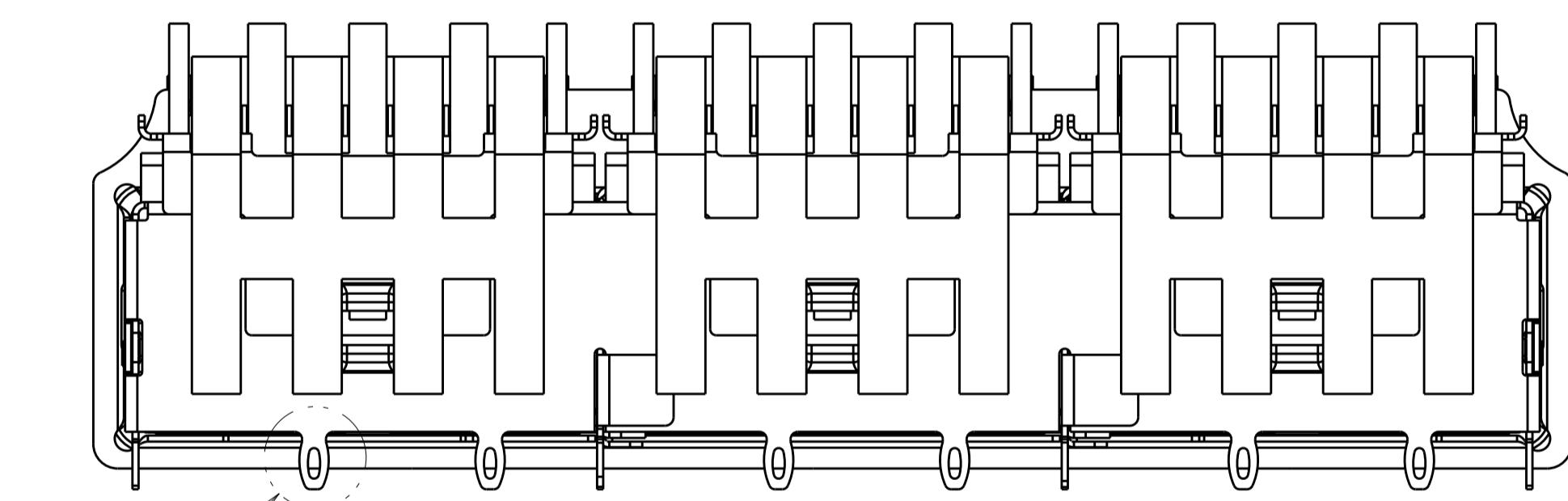
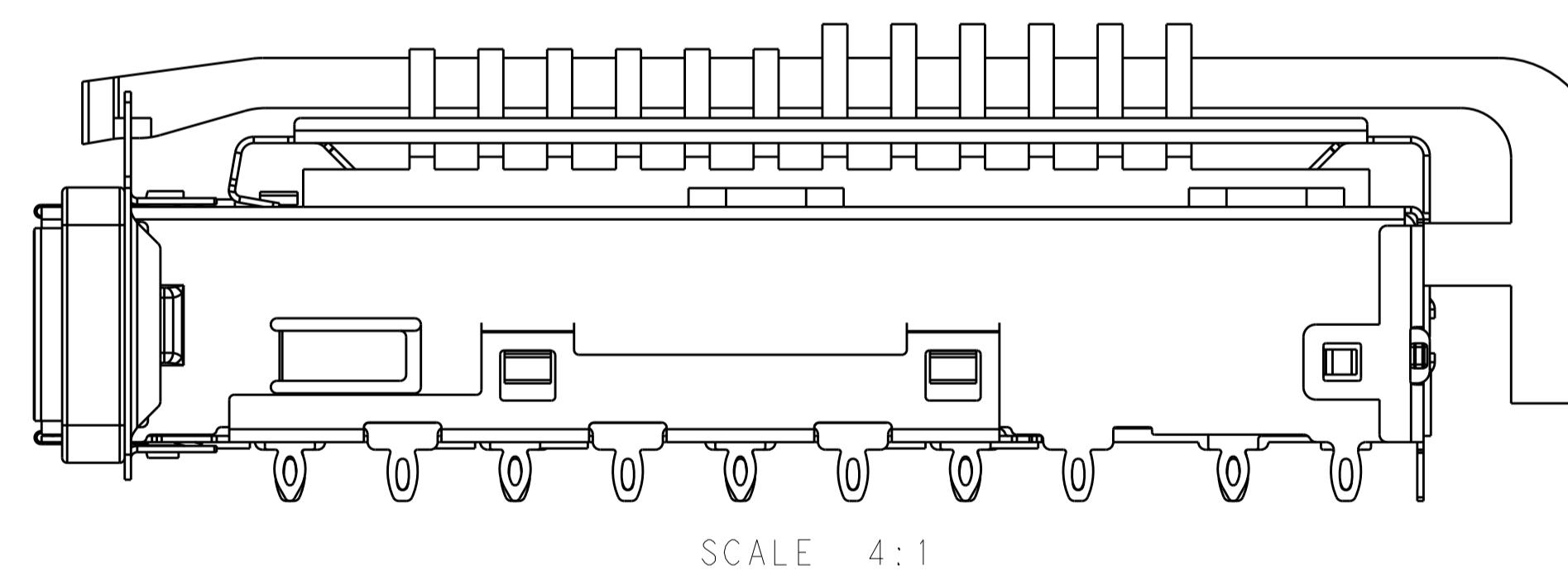
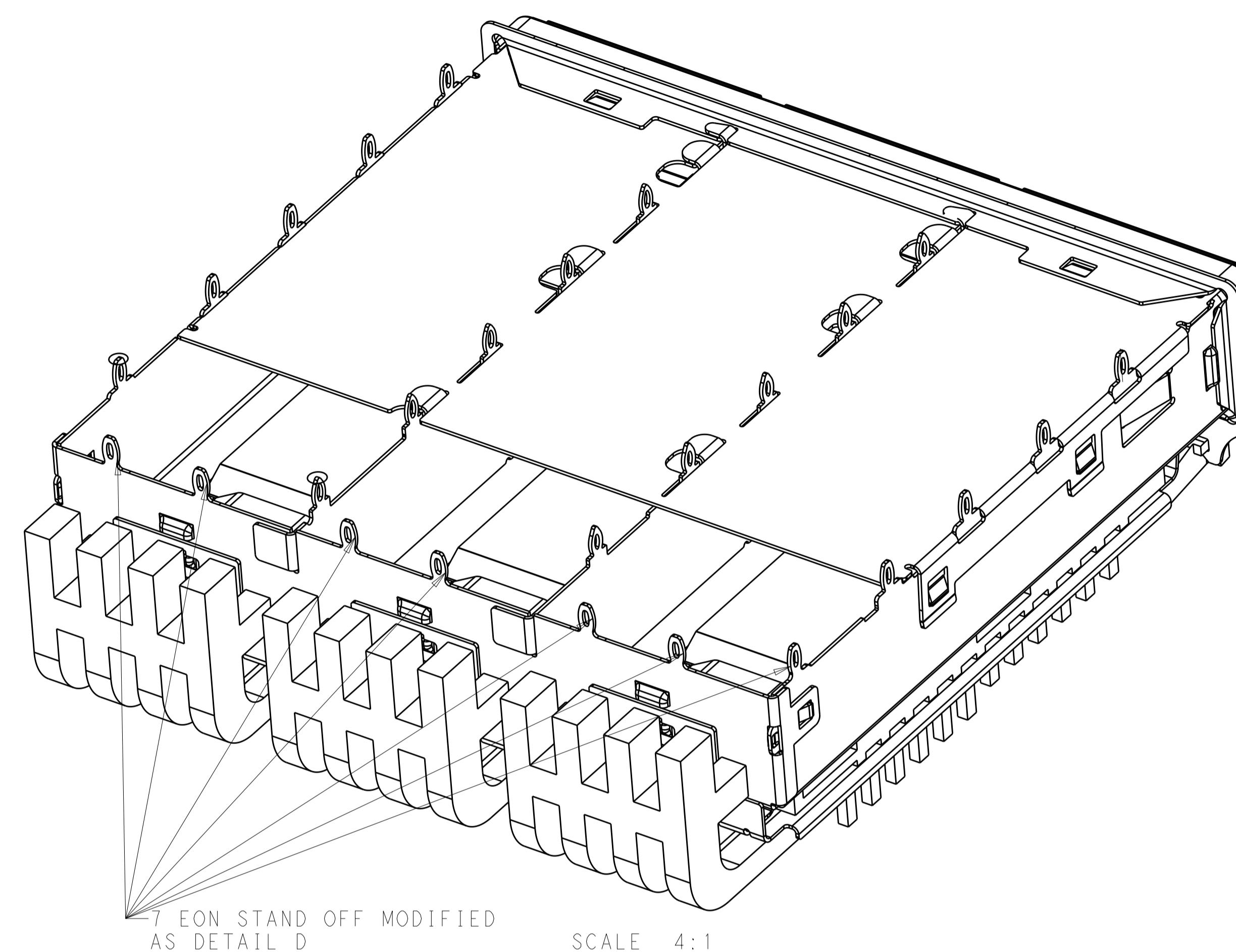
2170507-4 AS SHOWN
SCALE 3:1

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CHG: ALEX CAI 27MAR2013		APV: ALEX CAI 27MAR2013	PRODUCT SPEC: 108-2286	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±: 0.35 1 PLC ±: 0.25 2 PLC ±: 0.25 3 PLC ±: 0.25 4 PLC ±: 0.25	MATERIAL: FINISH: ANGLES: ±: 114-13217	APPLICATION SPEC: WEIGHT: -	NAME: 1X3 CAGE ASSEMBLY, THRU BEZEL W/ELASTOMERIC GASKET AND HEAT SINKS QSFP
				SIZE: CAGE CODE: DRAWING NO: A 100779 C=2170507
				RESTRICTED TO: -
CUSTOMER DRAWING		SCALE: 1:1	5 OF 6	REV: A

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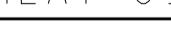
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	SEE SHEET 1		-	-	-



DETAIL
SCALE 8:

EXCEPT 7 EON STAND OFF MODIFICATION
THE OTHER FEATURES ARE SAME WITH 2170507-1

SOLID, SQUARE GASKET		WITH LP	WITH HS	2170507-5		
GASKET		LIGHT PIPE	HEAT SINK	PART NUMBER		
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE CHK ALEX CAI	27MAR2013 27MAR2013	 TE Connectivity		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.35 2 PLC ±0.25 3 PLC ±- 4 PLC ±- ANGLES ±-	APVD ALEX CAI PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13217	27MAR2013	NAME 1X3 CAGE ASSEMBLY, THRU BEZEL W/ELASTOMERIC GASKET AND HEAT SINKS QSFP		
MATERIAL	FINISH	WEIGHT -	SIZE A 1	CAGE CODE 00779	DRAWING NO C-2170507	RESTRICTED TO -
CUSTOMER DRAWING				SCALE 1:1	SHEET 6 OF 6	REV A