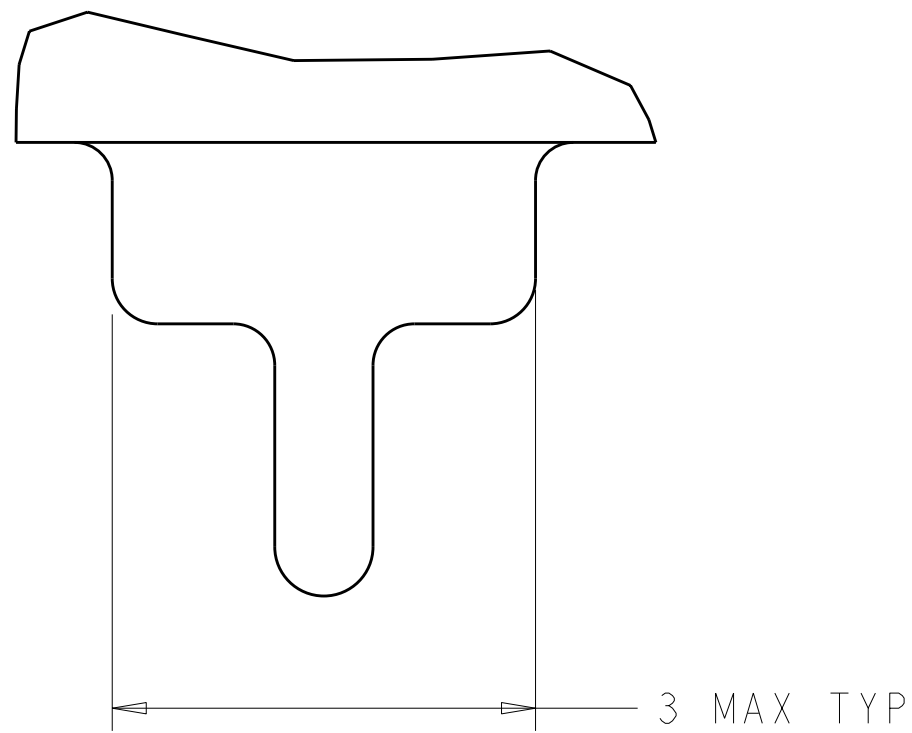
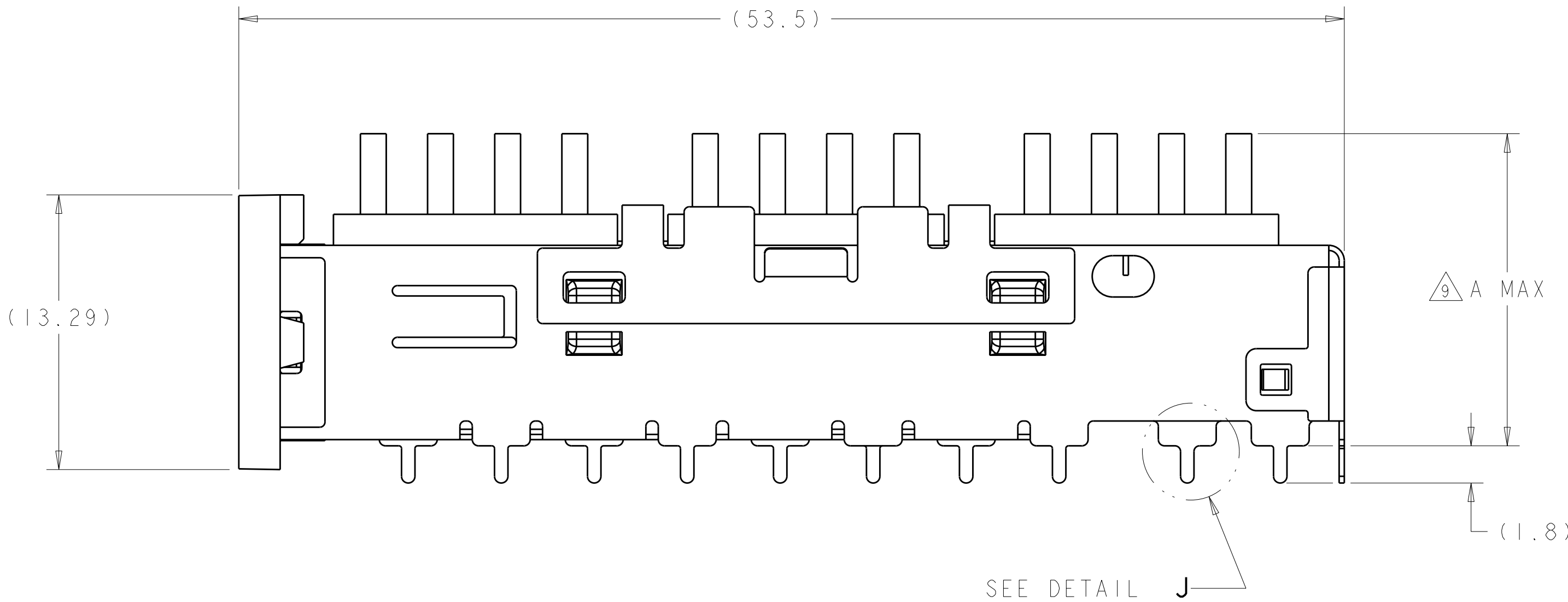
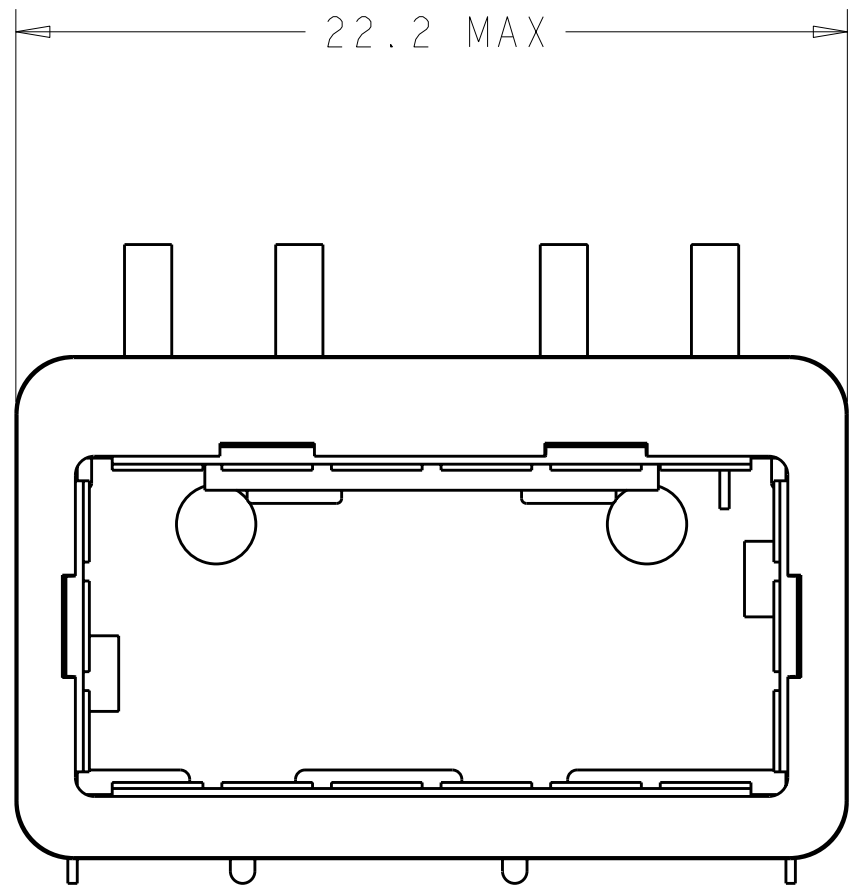
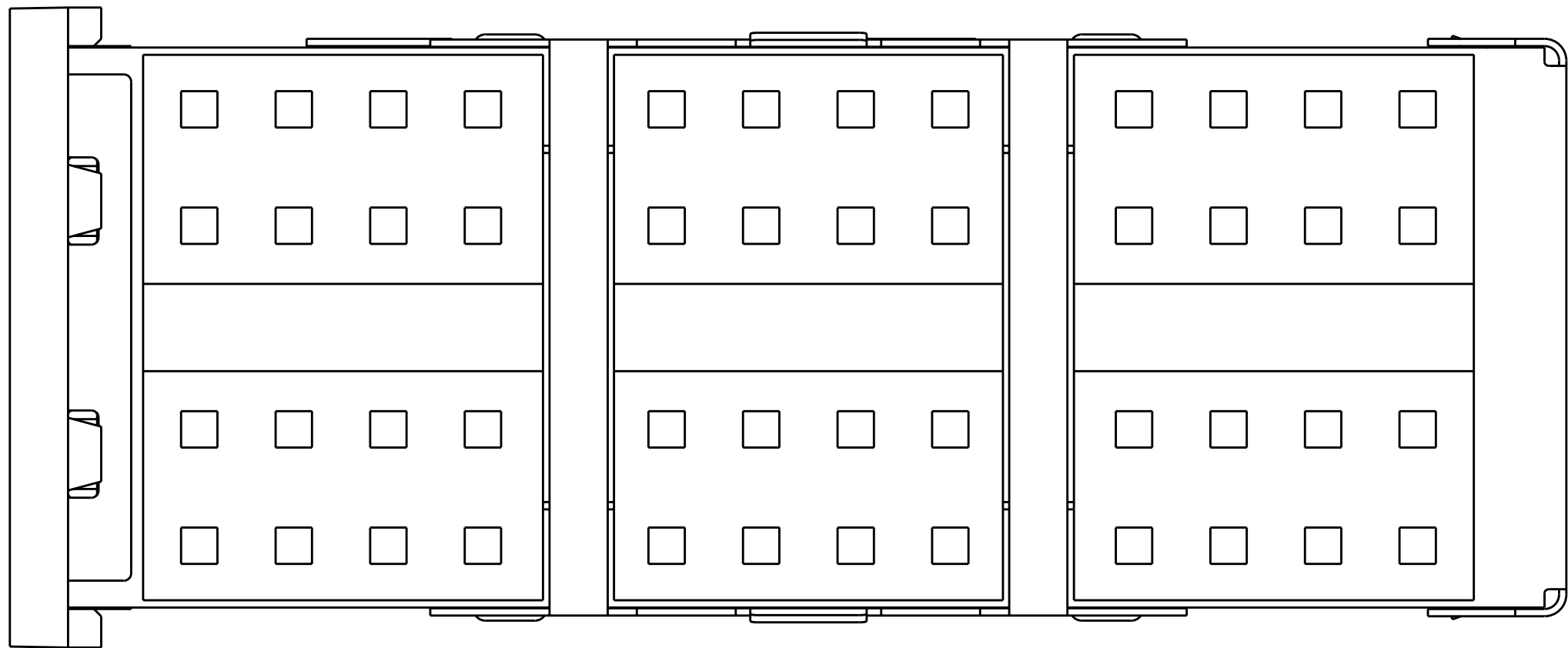
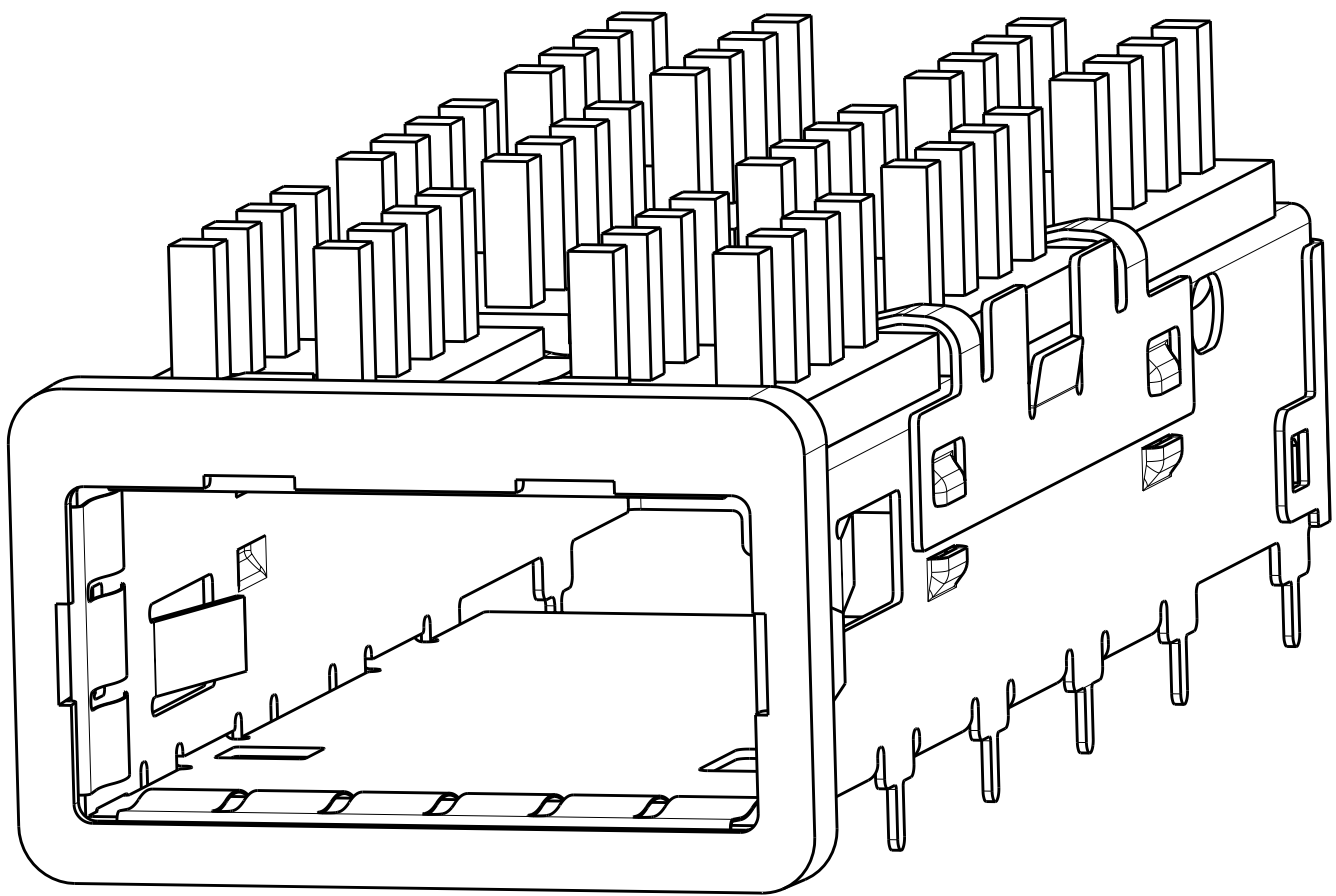
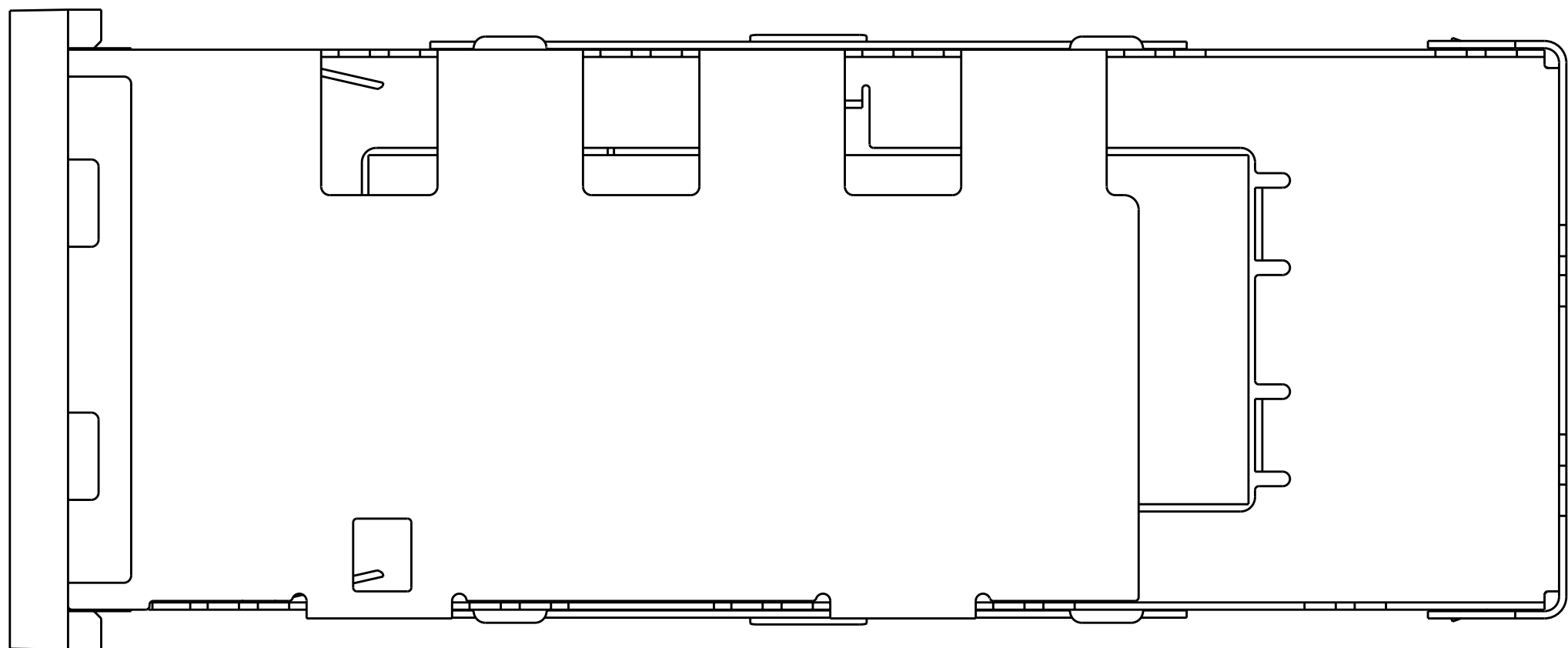


LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					I	PRELIMINARY DESIGN	22 JUN2009	CR	JP	



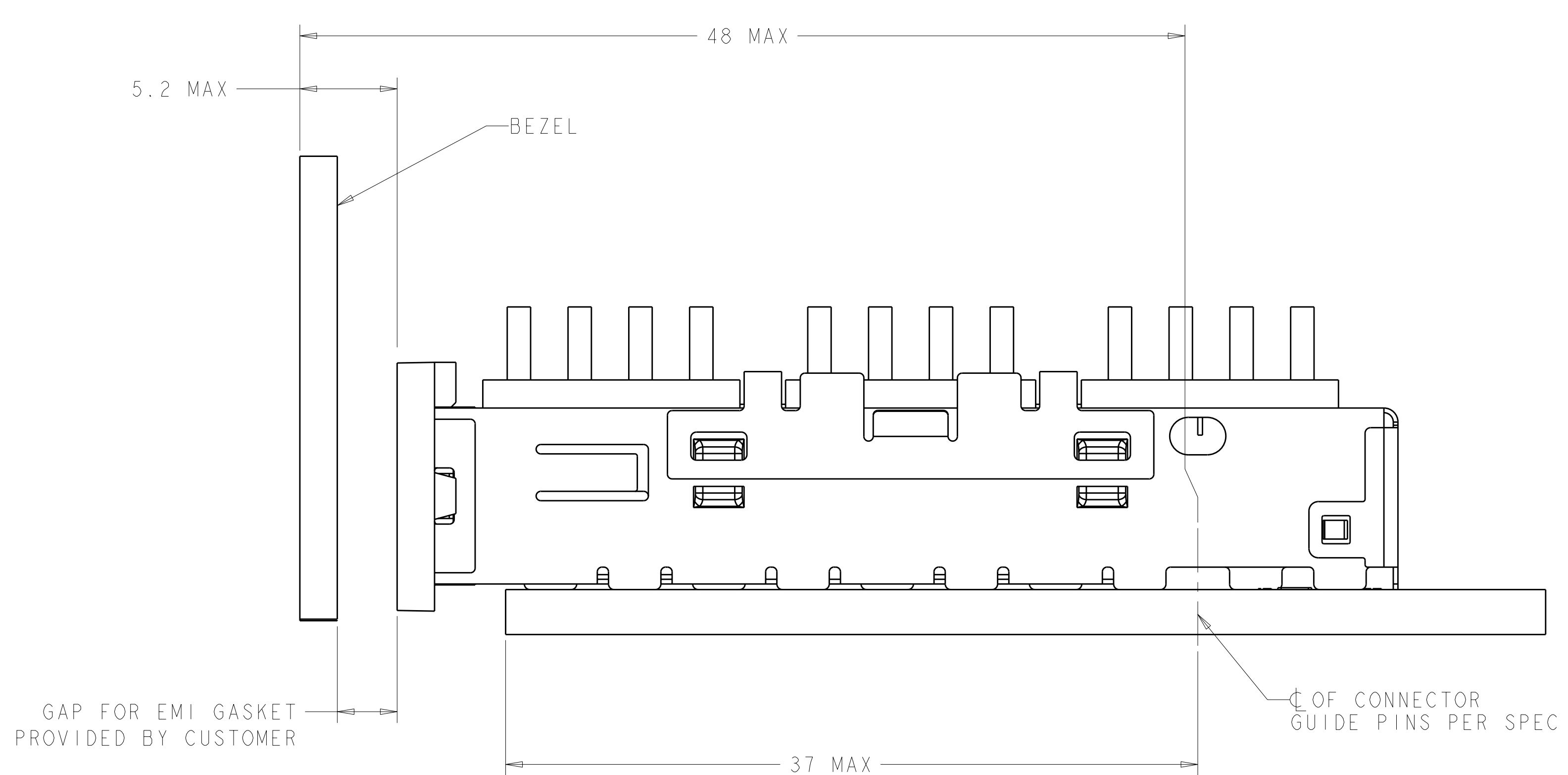
DETAIL J
SCALE 20:1



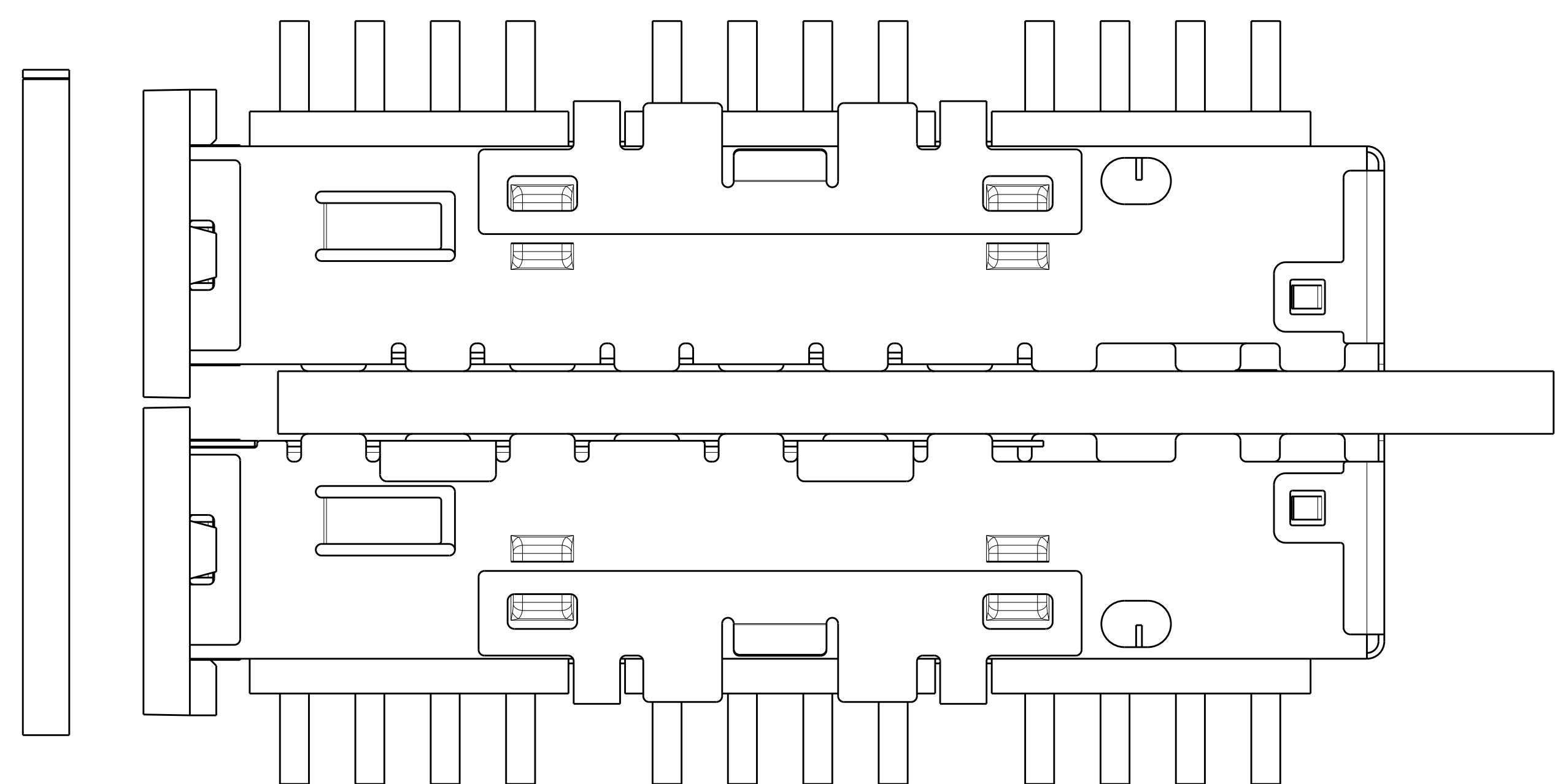
1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
5. DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD, DOUBLE SIDED PC BOARD MINIMUM THICKNESS: 2.2.
6. HEAT SINK AND CLIP SHIPPED UNATTACHED, MUST BE ASSEMBLED BY CUSTOMER AFTER THE CAGE IS SOLDERED ONTO THE PCB.
7. DATUM -A- IS TOP SURFACE OF HOST BOARD.
8. SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
9. DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.
10. DATE CODE (YYWW) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.
11. EMI SPRING FINISH: 2µm MIN TIN.
FRONT FLANGE FINISH: 3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER.
HEAT SINK FINISH: 0.076µm MIN NICKEL.
12. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

23.0	NETWORKING HEAT SINK	2110753-3
16.0	SAN HEAT SINK (SHOWN)	2110753-2
13.7	PCI HEAT SINK	2110753-1
A	DESCRIPTION	PART NUMBER

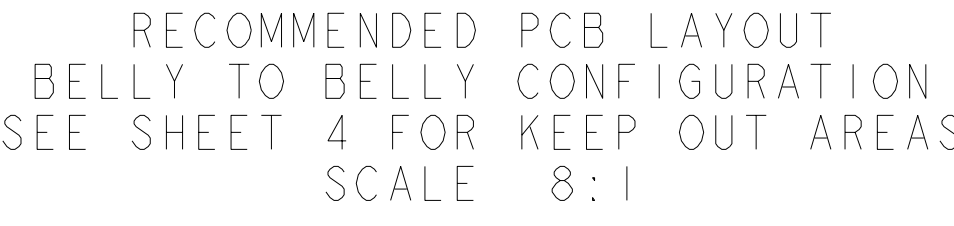
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN C. ROHLER 22JUN2009		Tyco Electronics Harrisburg, PA 17105-3608	
mm		0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001		CHK J. PETERSON 22JUN2009		NAME CAGE ASSEMBLY, BEHIND BEZEL QSFP, SOLDER, WITH HEAT SINK	
MATERIAL		FINISH		APVD J. PETERSON 22JUN2009		PRODUCT SPEC 108-2286	
						APPLICATION SPEC	
						SIZE A100779C=2110753	
						RESTRICTED TO	
						CUSTOMER DRAWING	
						SCALE 5:1 SHEET 1 OF 5 REV 1	



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED



AMP 4805 REV 31MAR2000

AMP 4805 REV 31MAR2000