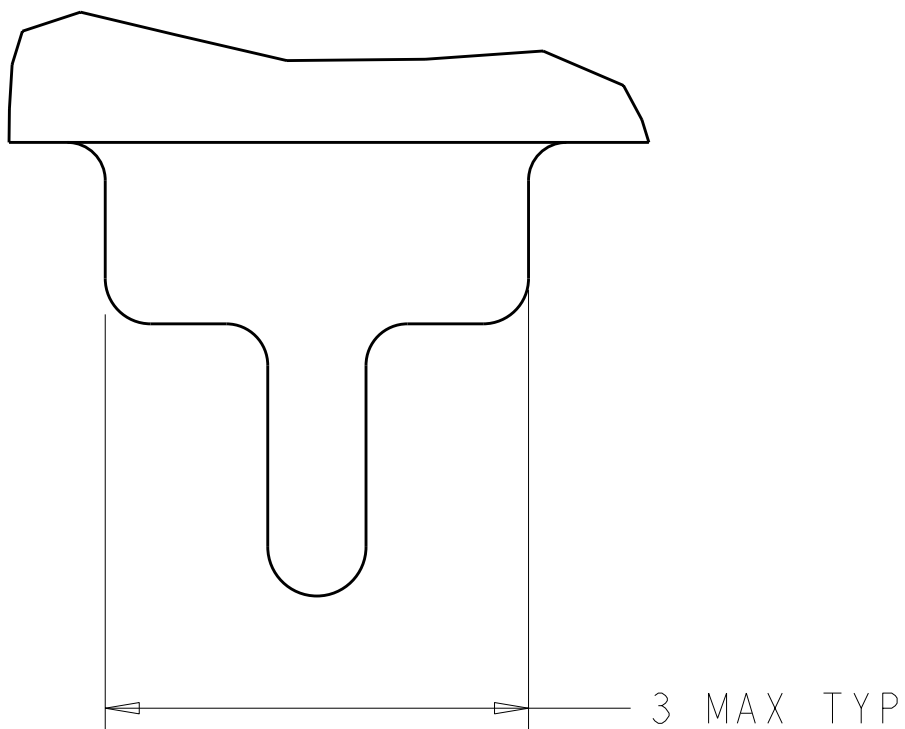
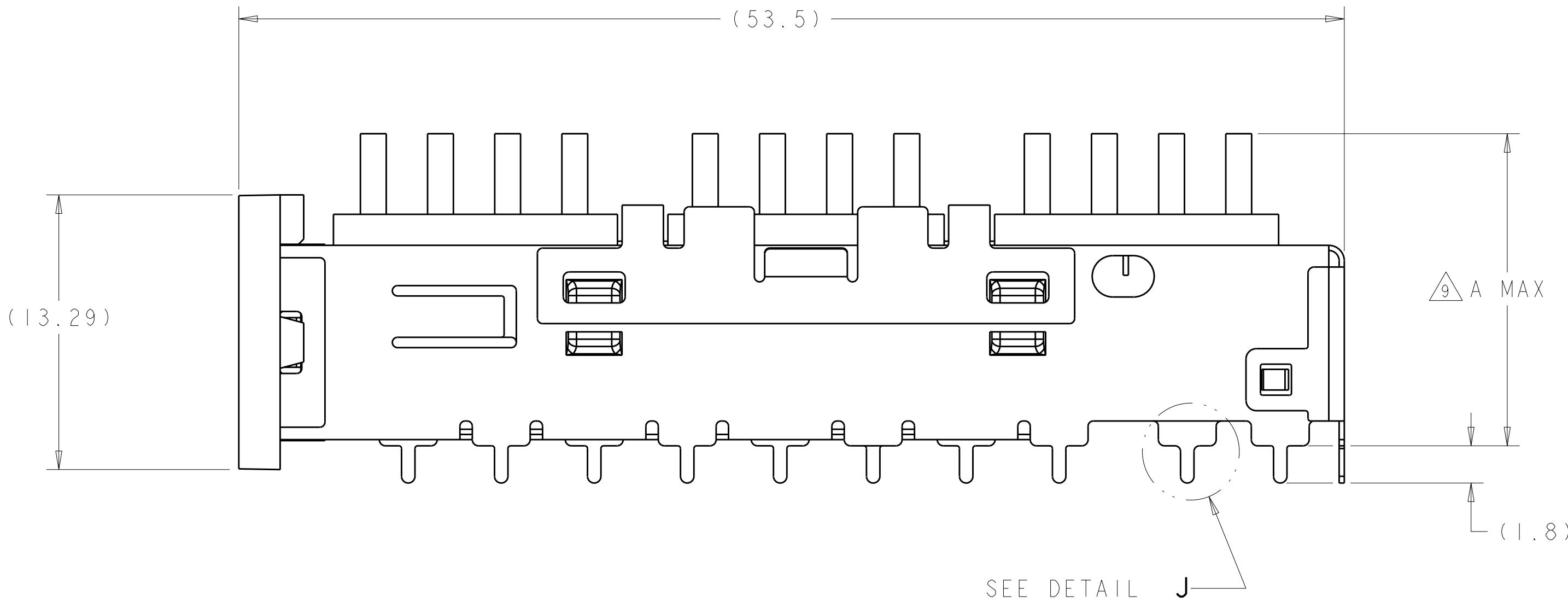
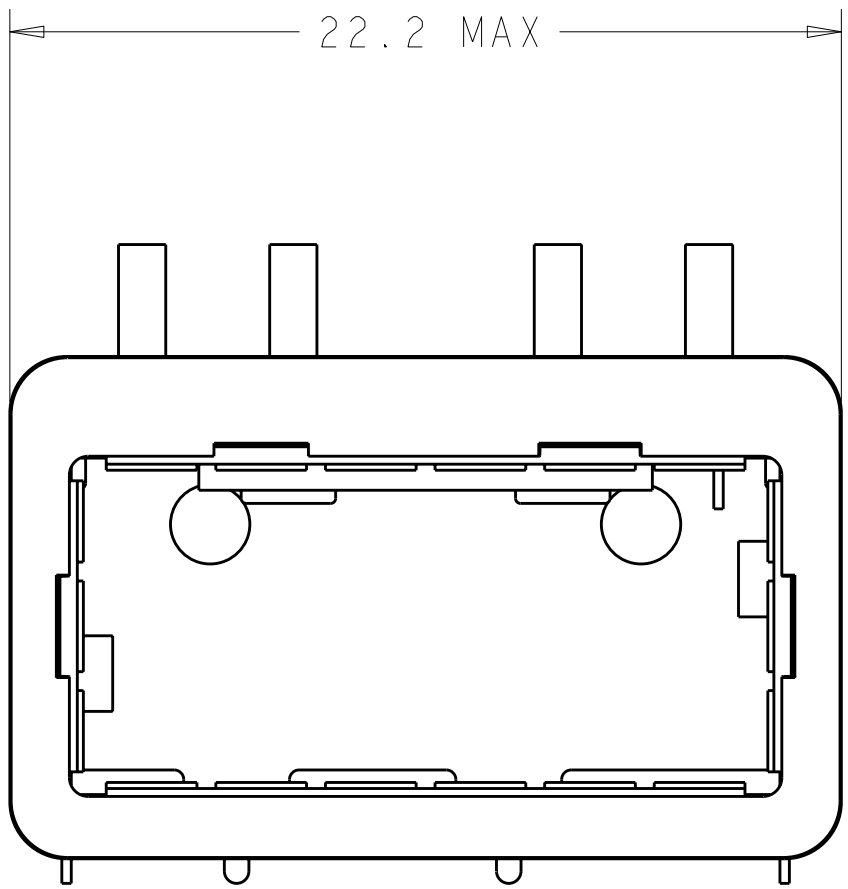
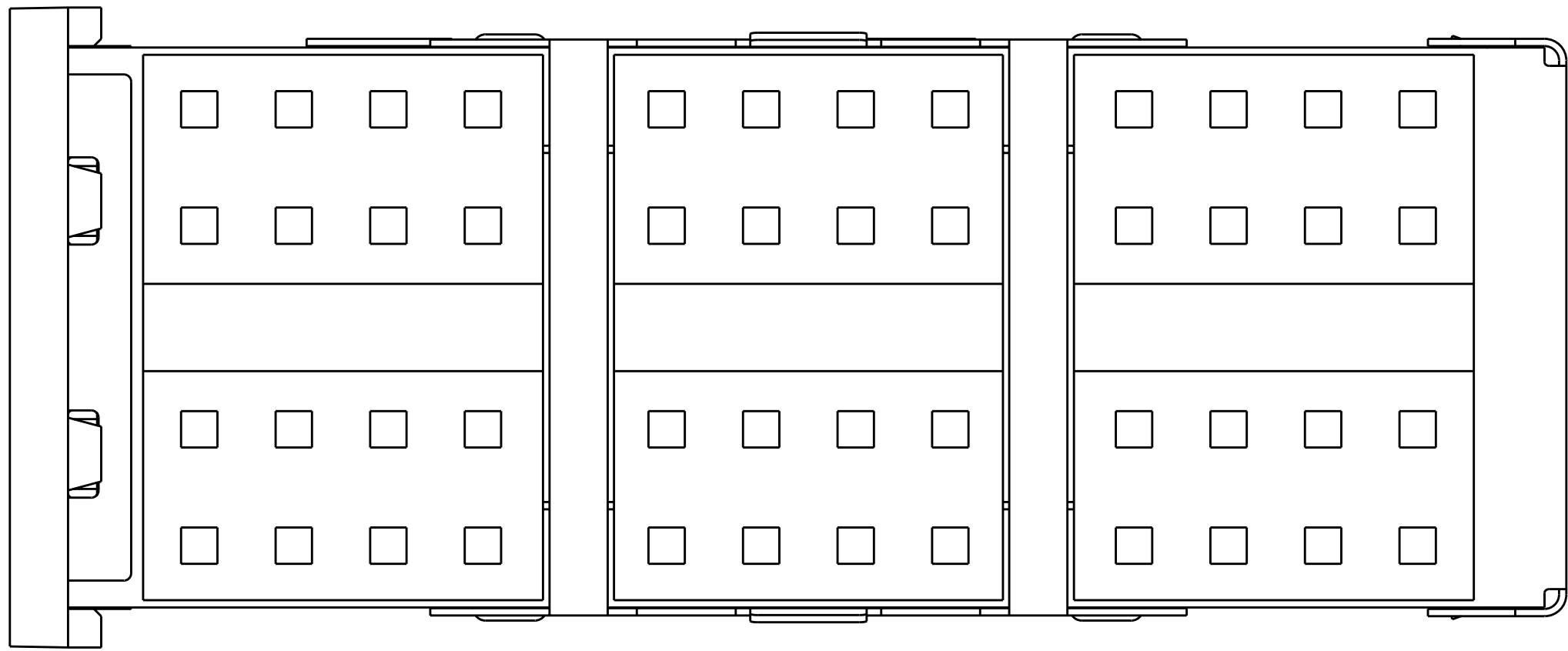
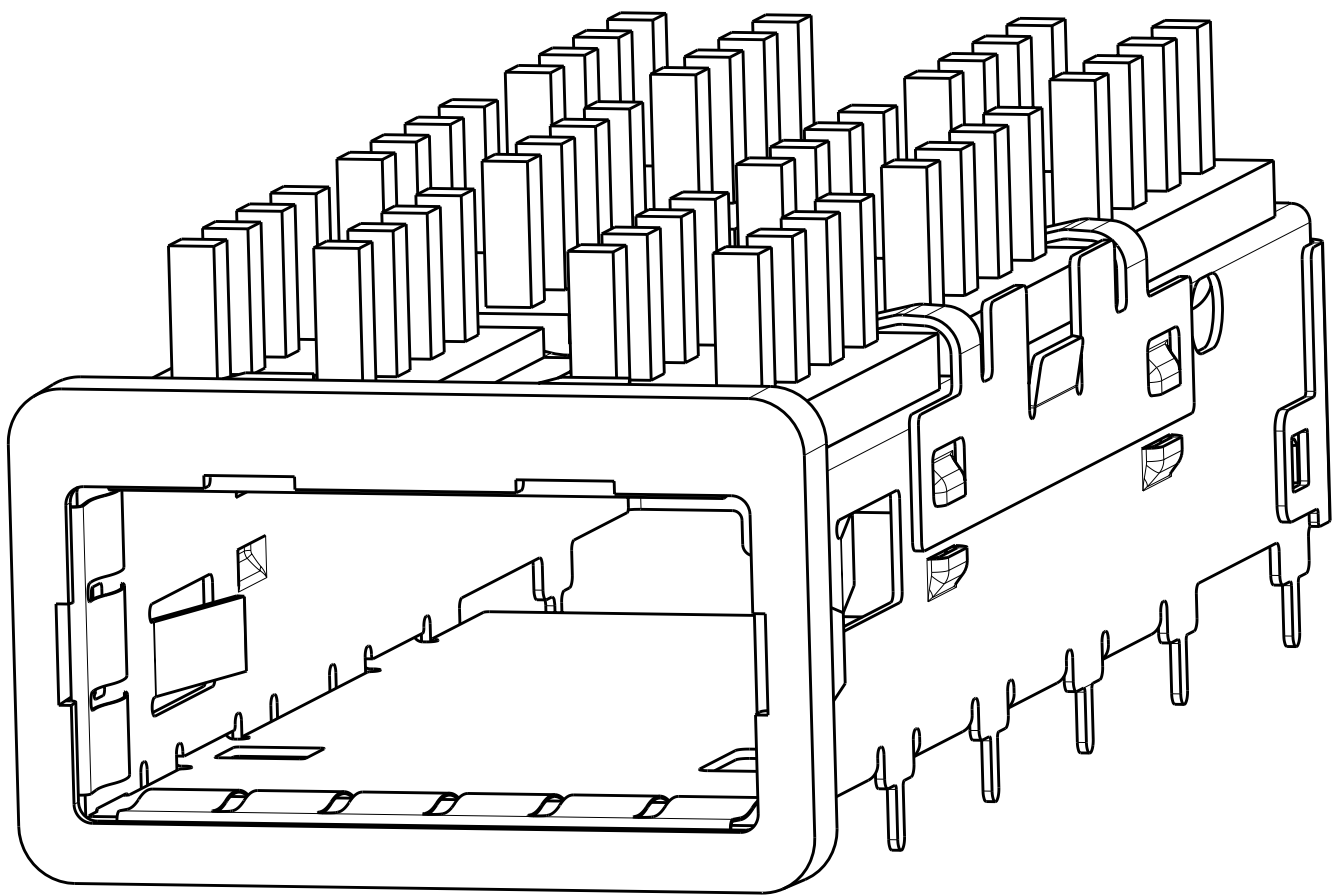
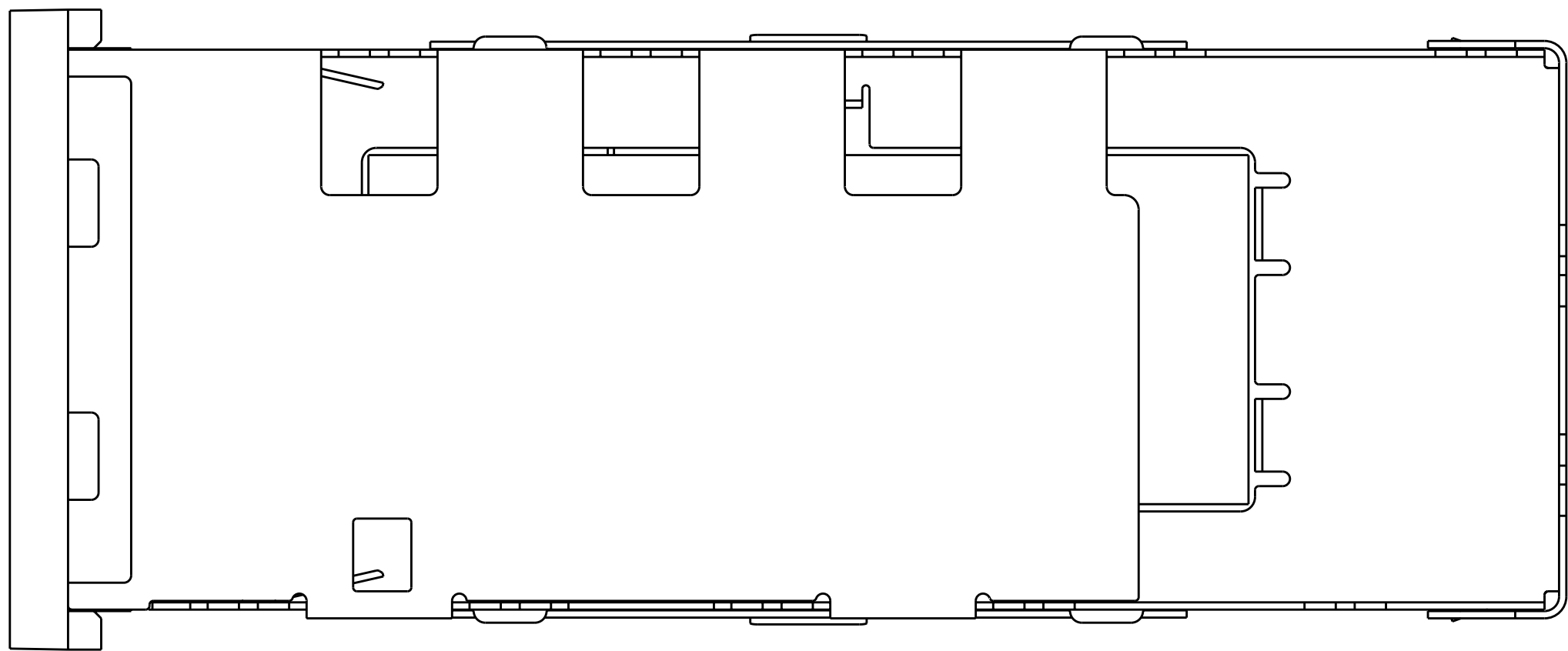


LOC		DIST		REVISIONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		1		PRELIMINARY DESIGN	22JUN2009	CR	JP



DETAIL J
SCALE 20:1

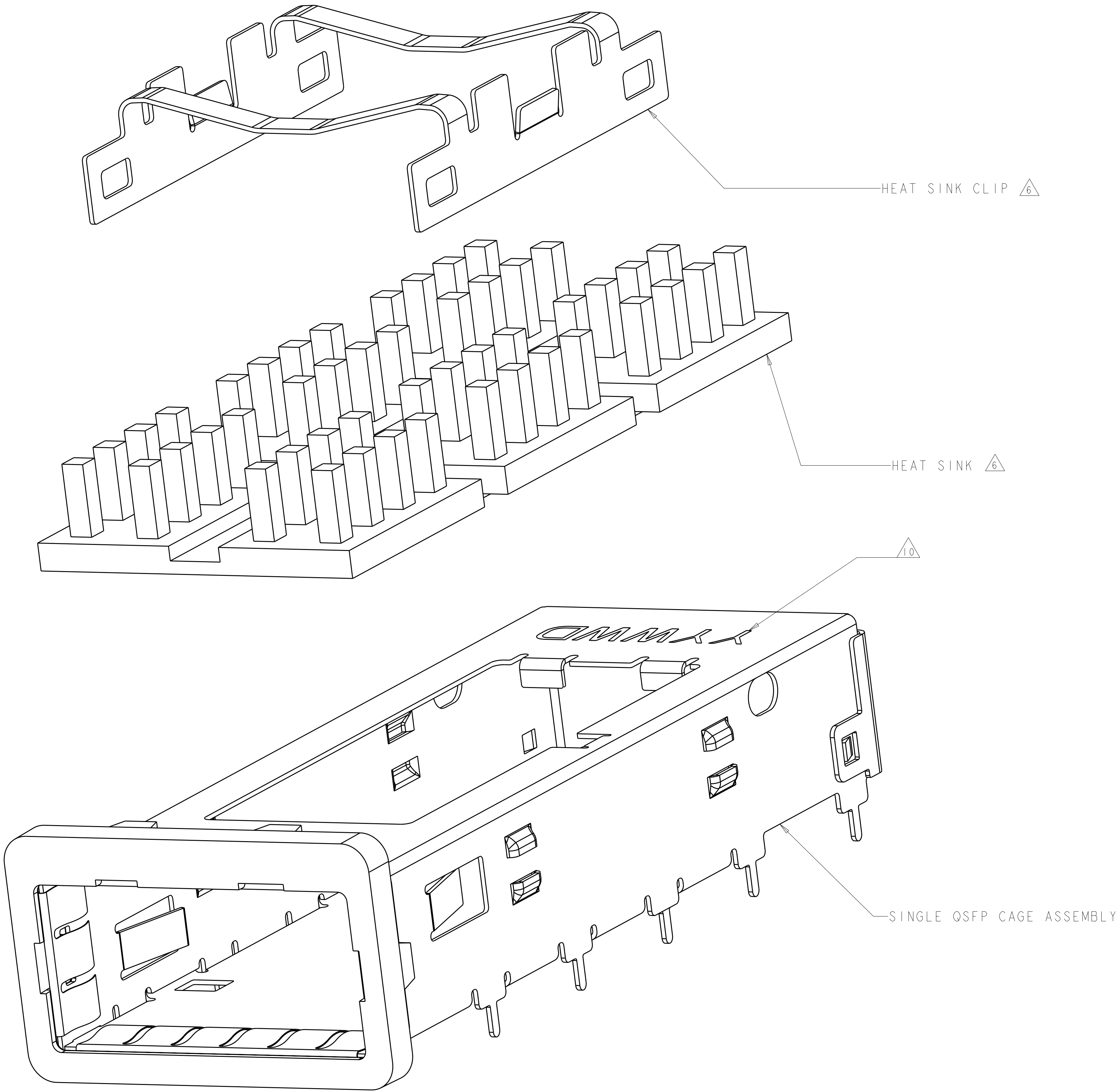


1. CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
HEAT SINK MATERIAL: ALUMINUM
HEAT SINK CLIP MATERIAL: STAINLESS STEEL
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY
2. MINIMUM PITCH DIMENSION.
3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
4. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY 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

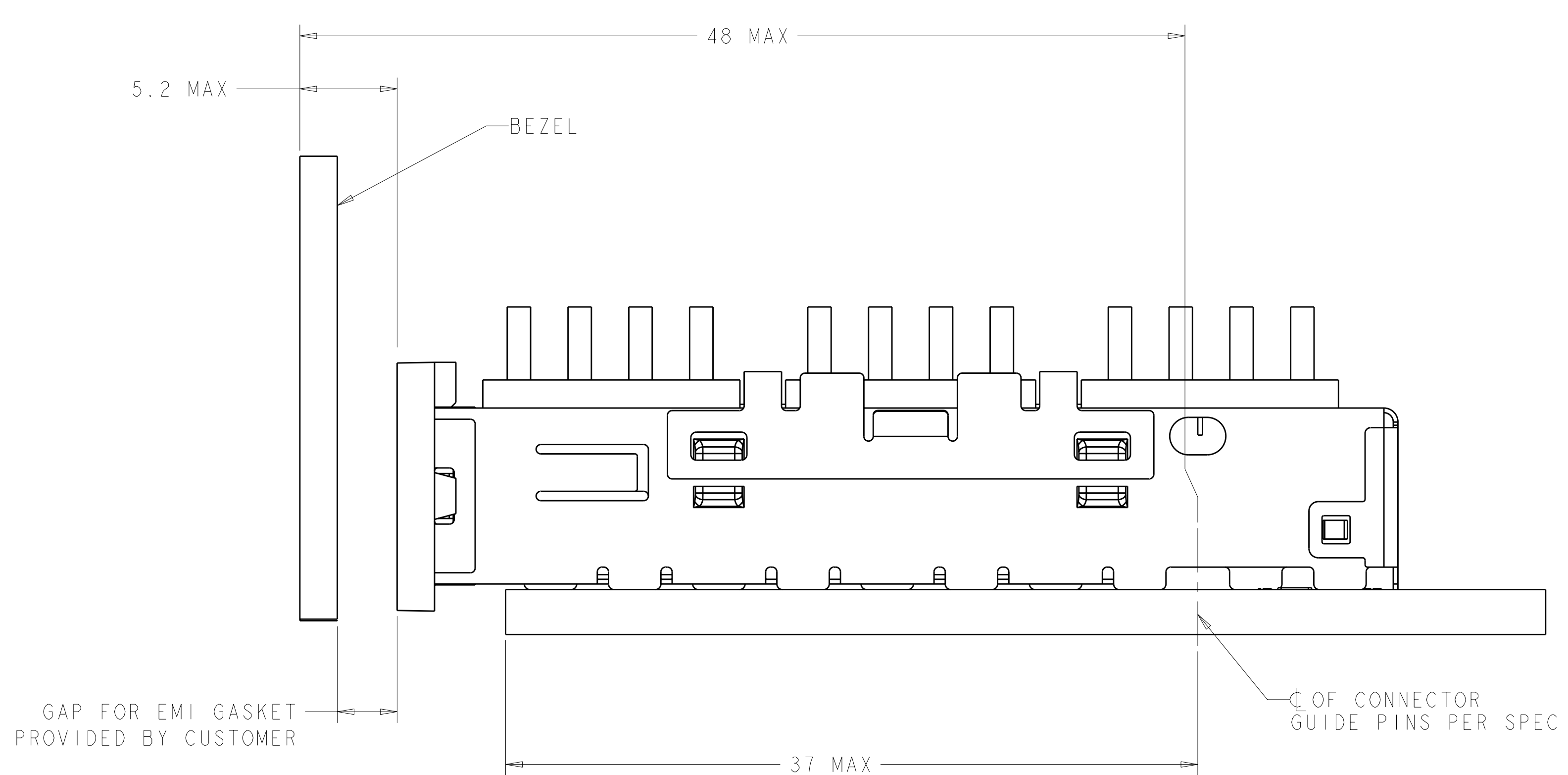
THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION IF IT IS NOT USED FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS TO BE DESTROYED IF IT IS NOT USED FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS TO BE DESTROYED IF IT IS NOT USED FOR THE PURPOSES SPECIFIED IN THE ORDER.		DWN C. ROHLER 22JUN2009	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS:		CHK J. PETERSON 22JUN2009	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. PETERSON 22JUN2009	PRODUCT SPEC	
MATERIAL		108-2286	APPLICATION SPEC	
FINISH		-	RESTRICTED TO	
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 5	

LOC		DIST		REVISIONS				
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	

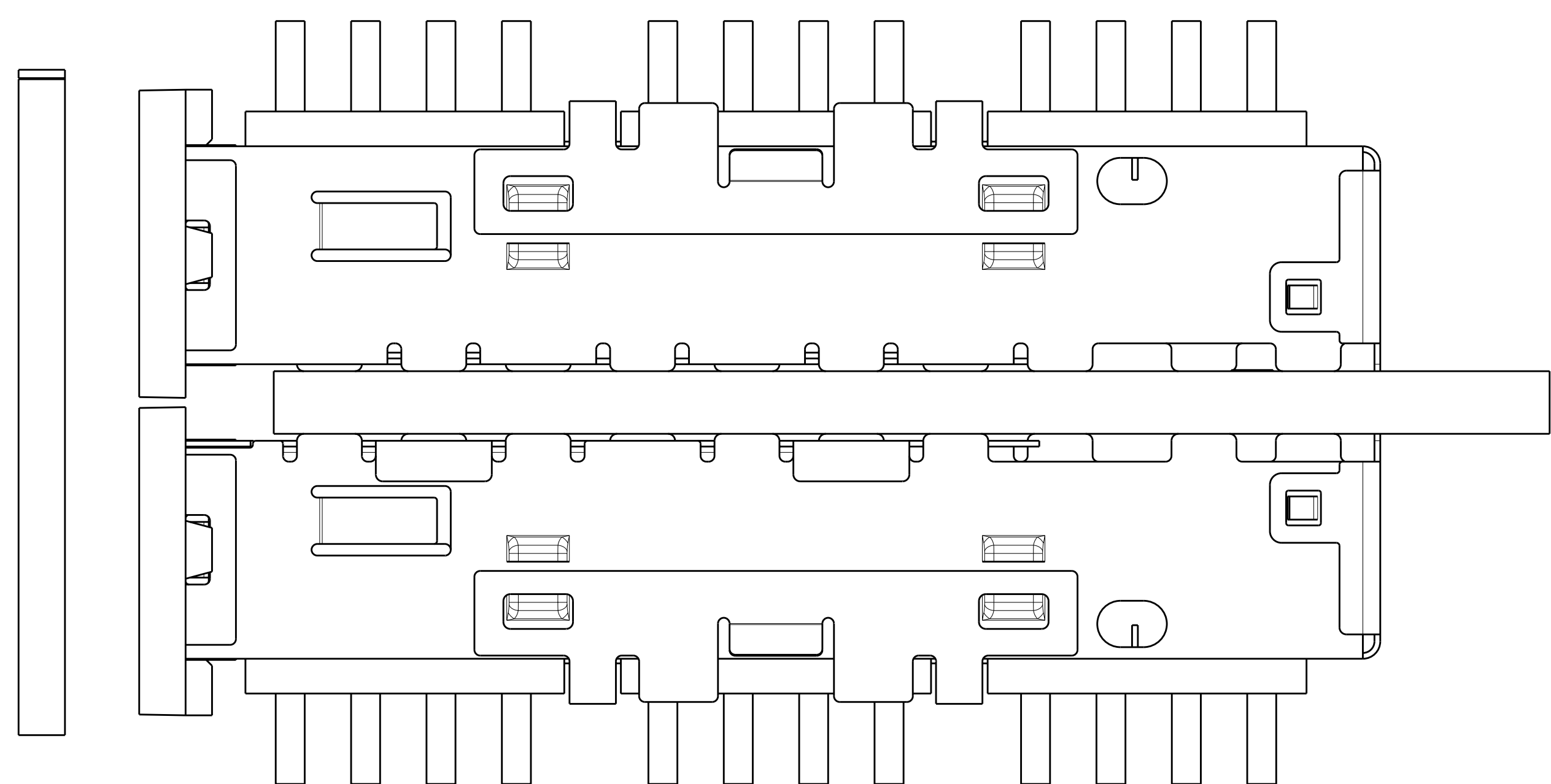


EXPLODED VIEW
SCALE 8:1

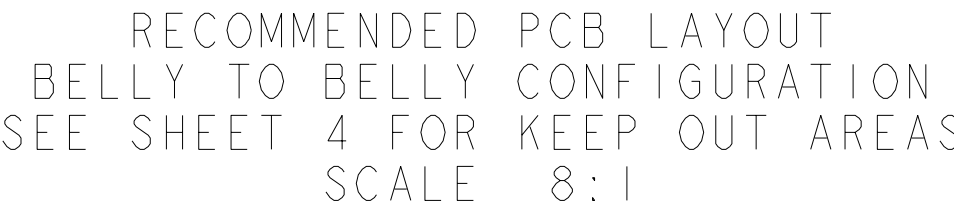
TYPICAL DIMENSIONS TO CENTERED HOLES FOR TYCO ELECTRONICS CORPORATION TYPICAL DIMENSIONS TO CENTERED HOLES FOR OTHER MANUFACTURERS TYPICAL DIMENSIONS TO CENTERED HOLES FOR OTHER MANUFACTURERS TYPICAL DIMENSIONS TO CENTERED HOLES FOR OTHER MANUFACTURERS				DWN C. ROHLER 22JUN2009		Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS:				CHK J. PETERSON 22JUN2009		NAME	
mm				APVD J. PETERSON 22JUN2009		CAGE ASSEMBLY, BEHIND BEZEL QSFP, SOLDER, WITH HEAT SINK	
				PRODUCT SPEC		SIZE	
				APPLICATION SPEC		CAGE CODE	
				WEIGHT		DRAWING NO	
				CUSTOMER DRAWING		RESTRICTED TO	
						A100779C=2110753	
						SCALE 5:1	
						SHEET 2 OF 5	
						REV 1	



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED

AMP 4805 REV 31MAR2000

AMP 4805 REV 31MAR2000



THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE WITHOUT NOTICE. ANY ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN 22JUN2009 C. ROHLER CHK 22JUN2009 J. PETERSON APVD 22JUN2009 J. PETERSON		Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ±.0 2 PLC ±.5 3 PLC ±0.13 4 PLC ±0.013 5 PLC ±0.0001 ANGLES ±.1		NAME CASE ASSEMBLY, BEHIND BEZEL OSFP, SOLDER, WITH HEAT SINK -	
MATERIAL - FINISH -		WEIGHT - CUSTOMER DRAWING		SIZE A 00779 ©=2110753	
				DRAWING NO 00779 ©=2110753	
				RESTRICTED TO -	
				SCALE 5:1 SHEET 5 OF 5 REV 1	