



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

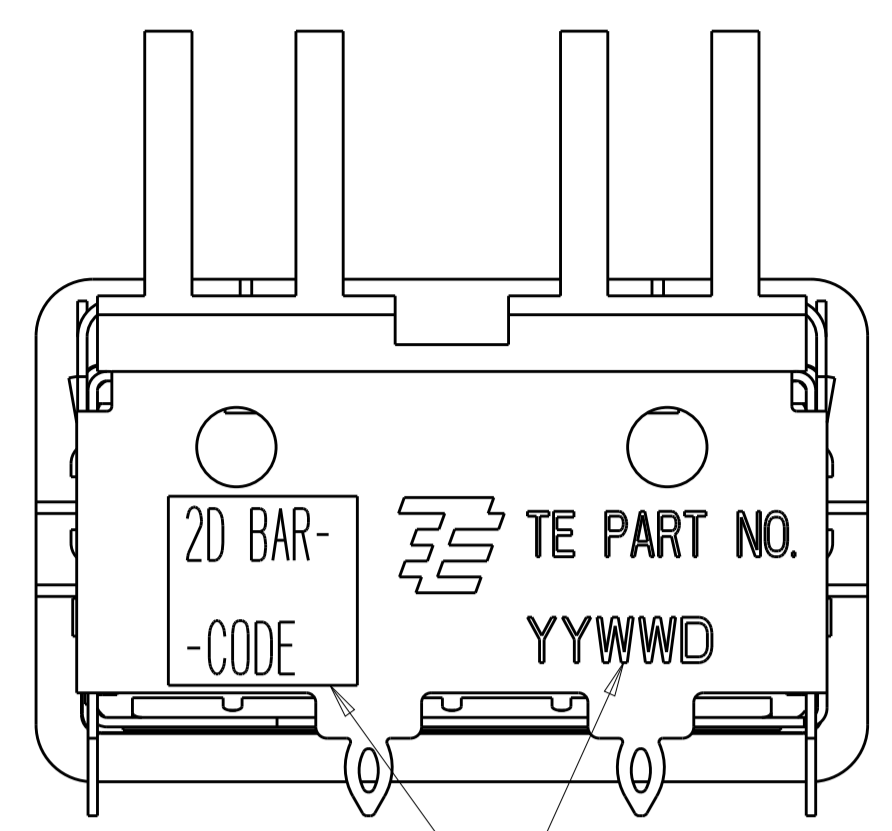
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

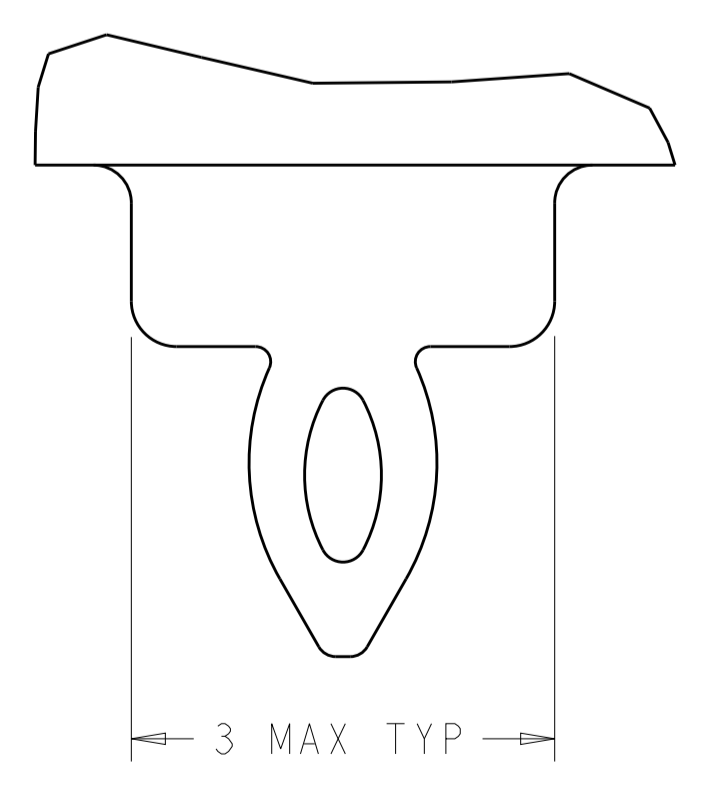
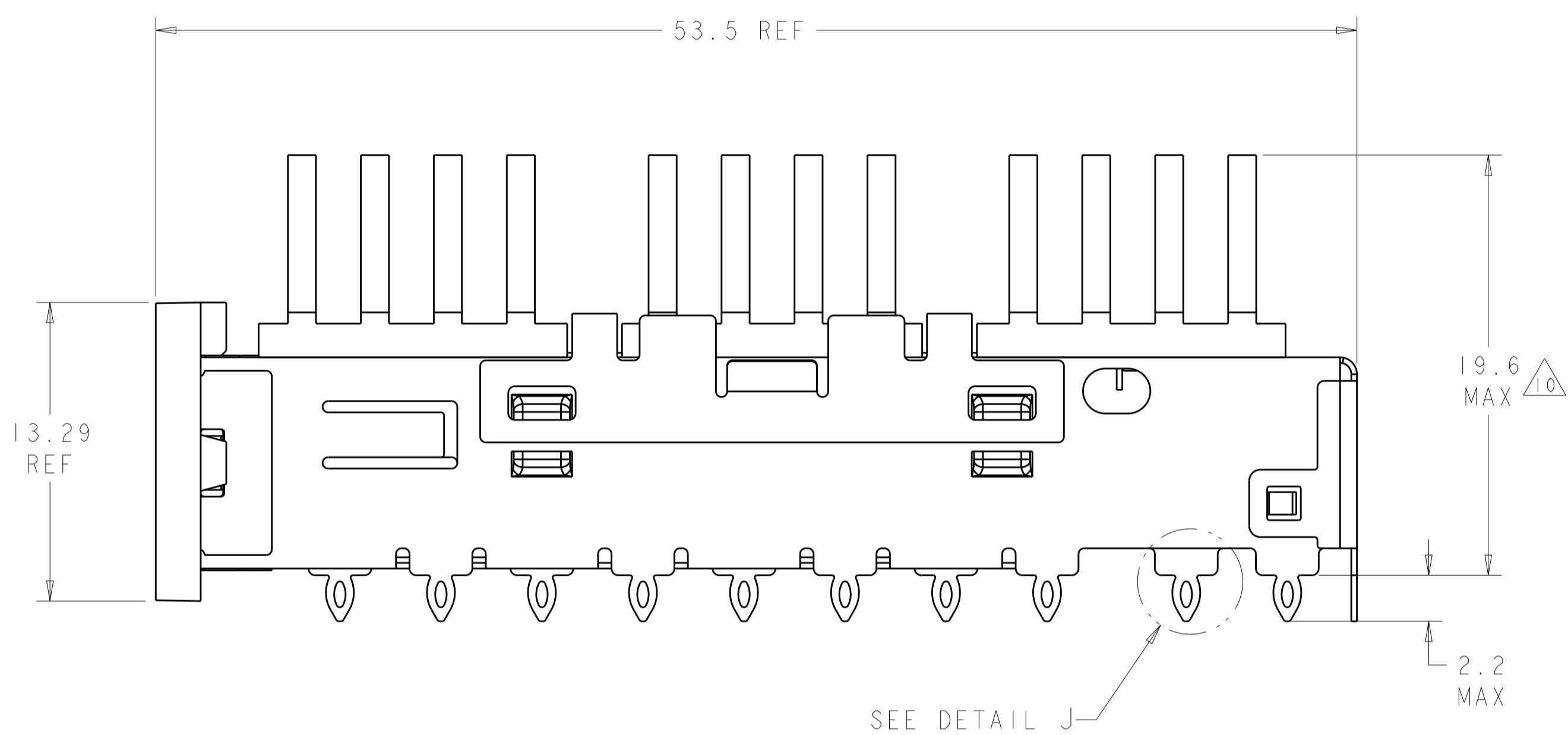
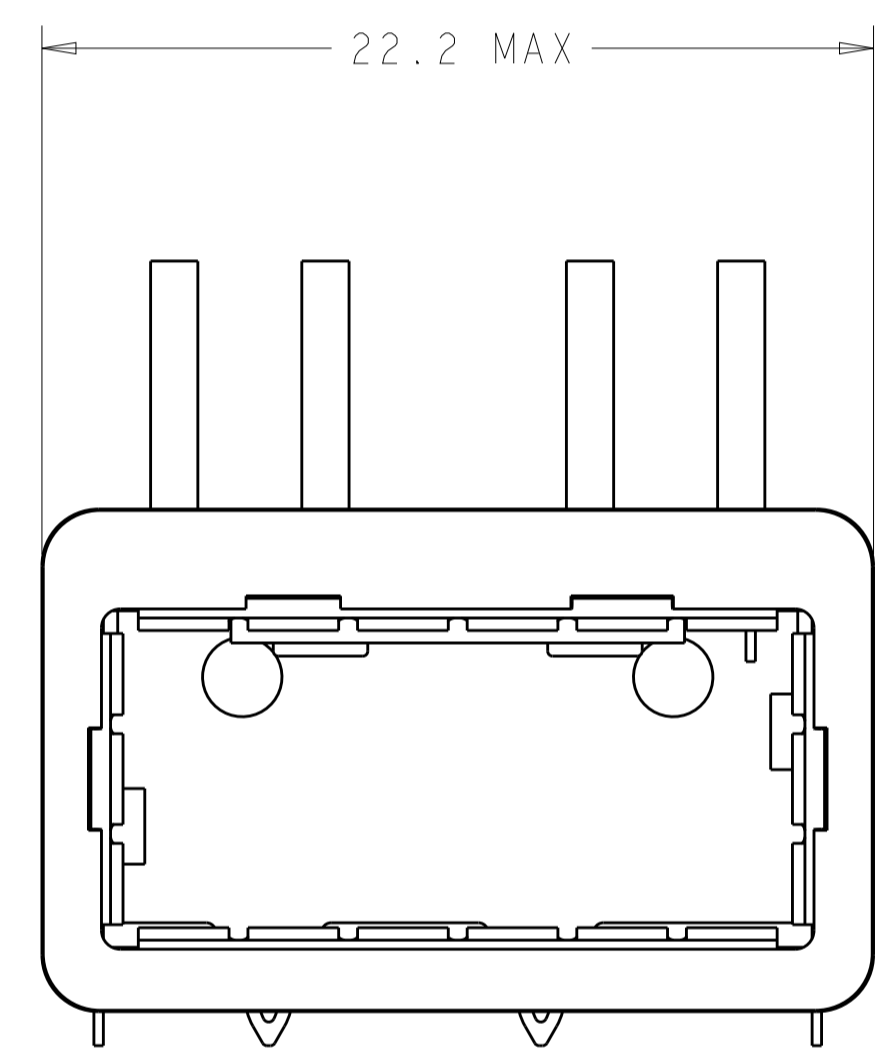
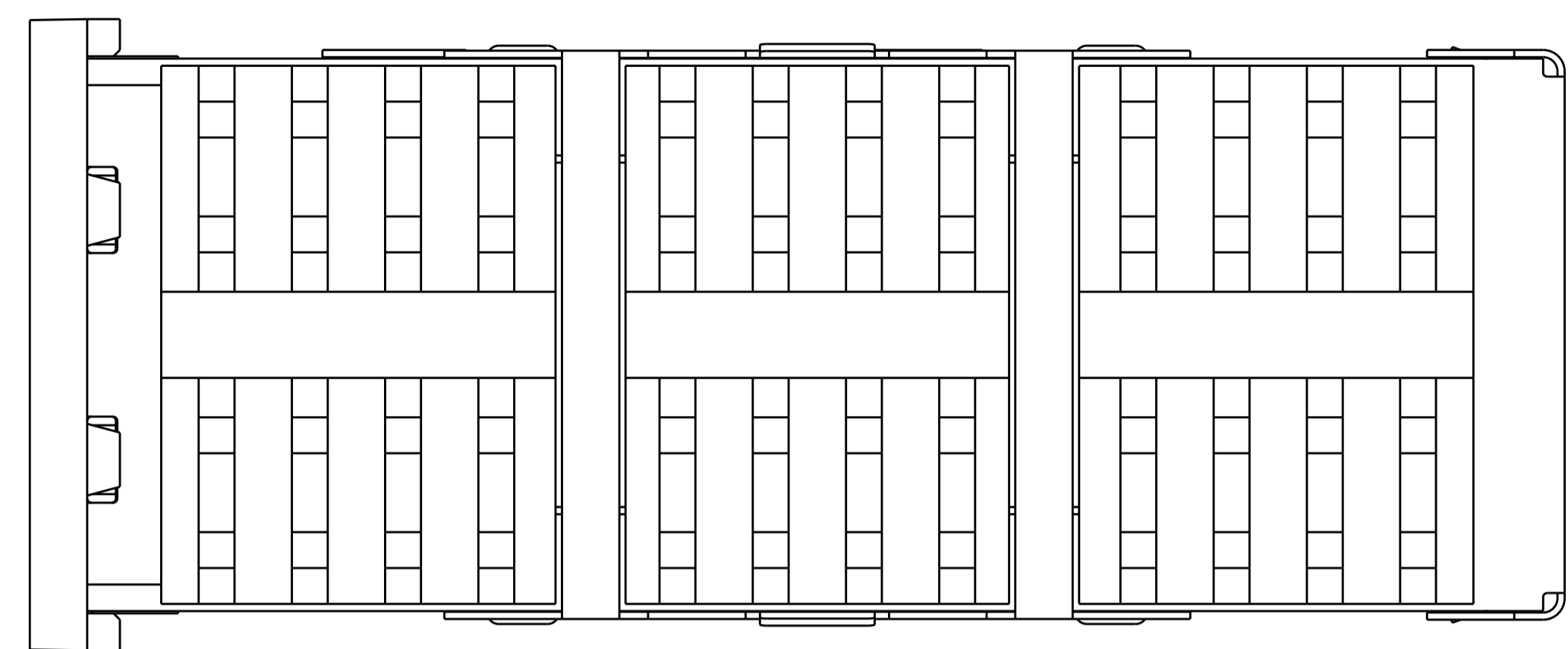
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



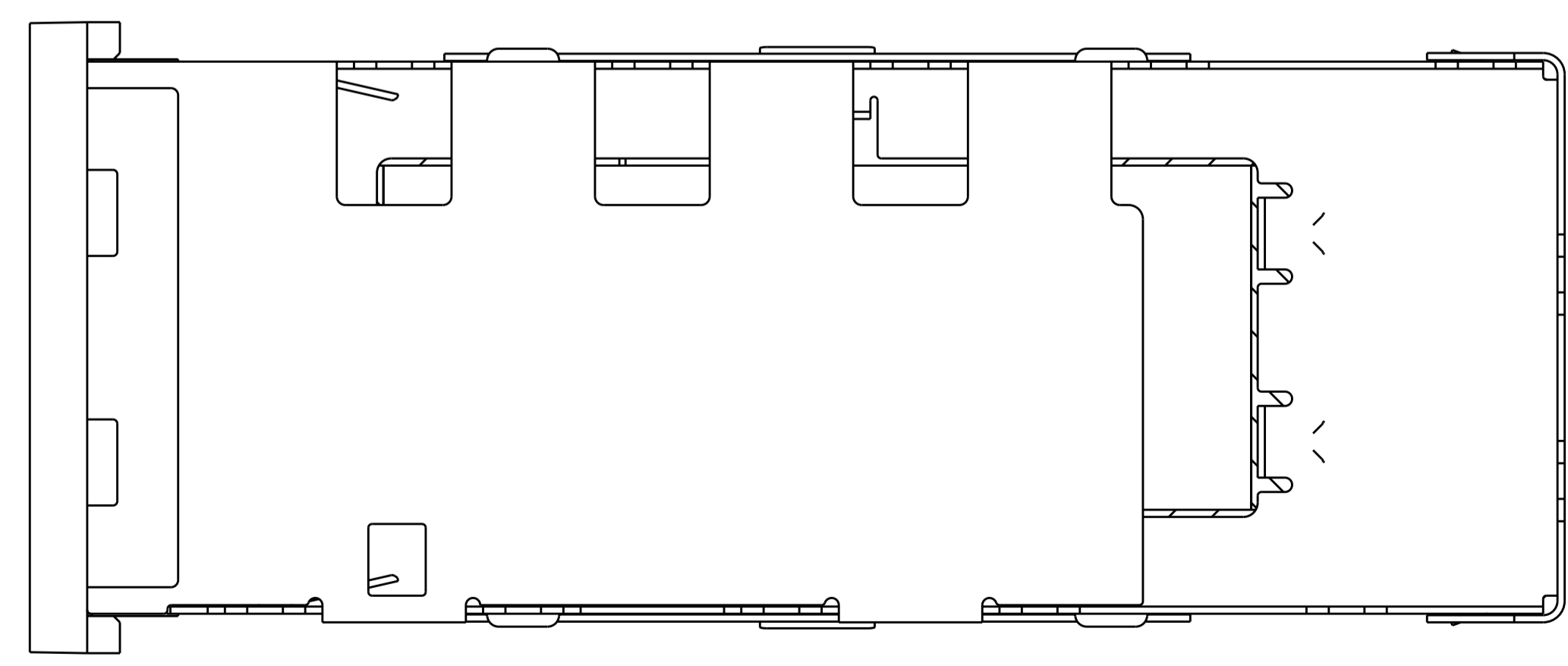
LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED PER ECO-09-022107	29SEP2009	ZMR	JRP
		A1		REVISED PER ECO-14-018993	3APR2015	RG	MC



BACK VIEW
 2D BARCODE AND DATE CODE

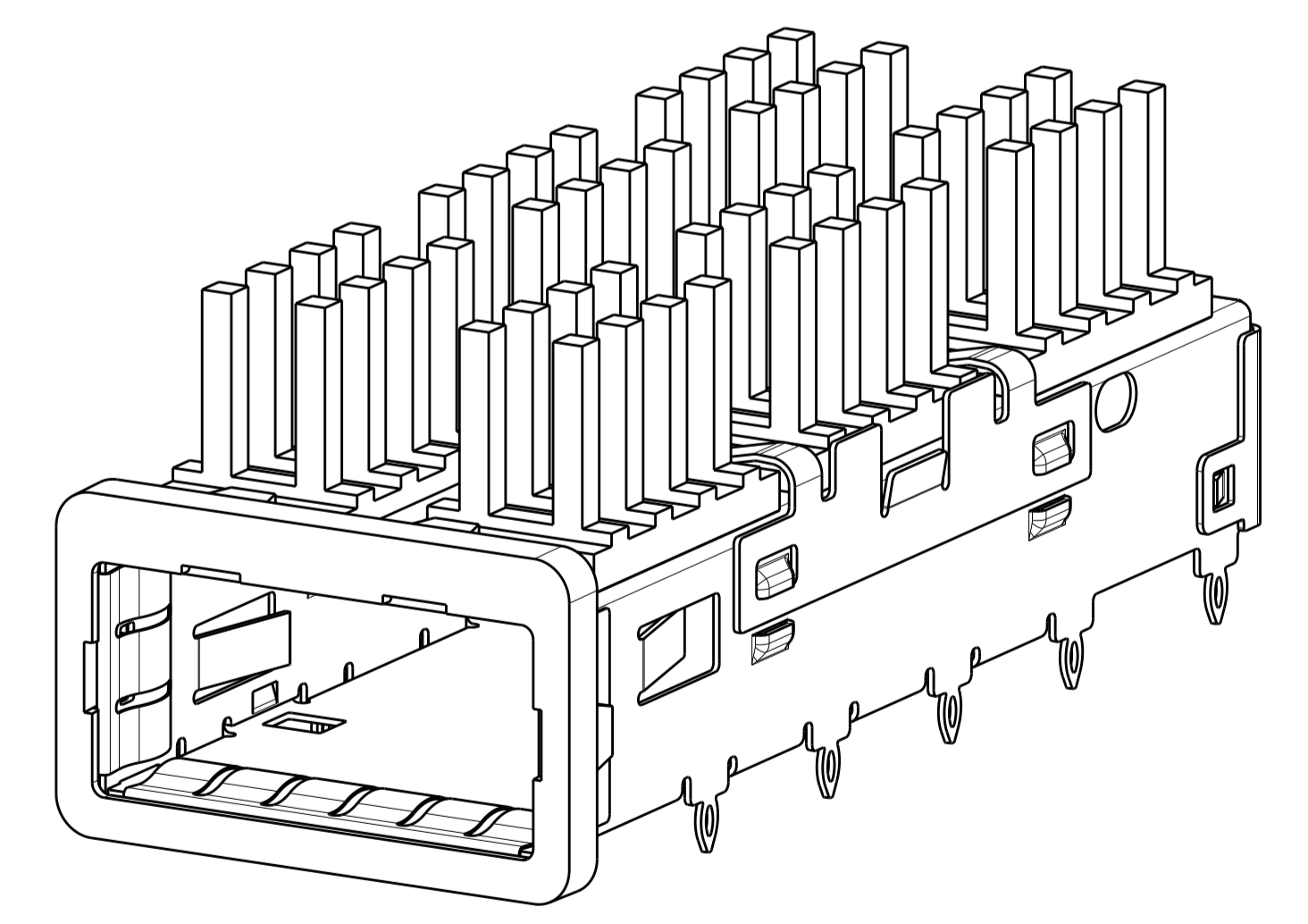


DETAIL J
 SCALE 20:1



△ MATERIAL:
 CAGE - NICKEL SILVER, 0.25 THICK
 HEAT SINK - ALUMINUM
 HEAT SINK CLIP - STAINLESS STEEL
 EMI SPRING - COPPER ALLOY
 FRONT FLANGE - ZINC ALLOY

- △ MINIMUM PITCH DIMENSION.
- 3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- △ REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD.
 SINGLE SIDED PC BOARD MINIMUM THICKNESS = 1.45
 DOUBLE SIDED PC BOARD MINIMUM THICKNESS = 2.7
- △ HEAT SINK AND CLIP SHIPPED ASSEMBLED TO CAGE ASSEMBLY, CAGE ASSEMBLY MAY BE PRESSED INTO THE PCB AS SHIPPED.
- △ DATUM [-A-] IS TOP SURFACE OF HOST BOARD.
- △ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
- △ DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.
- △ 2D BARCODE AND DATE CODE (YYWWD) MARKED ON BACK OF CAGE.
- △ FINISH:
 EMI SPRING: 2µm MIN TIN.
 HEAT SINK FINISH: 0.76µm MIN NICKEL.
 FRONT FLANGE: 3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER.
- 13. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.

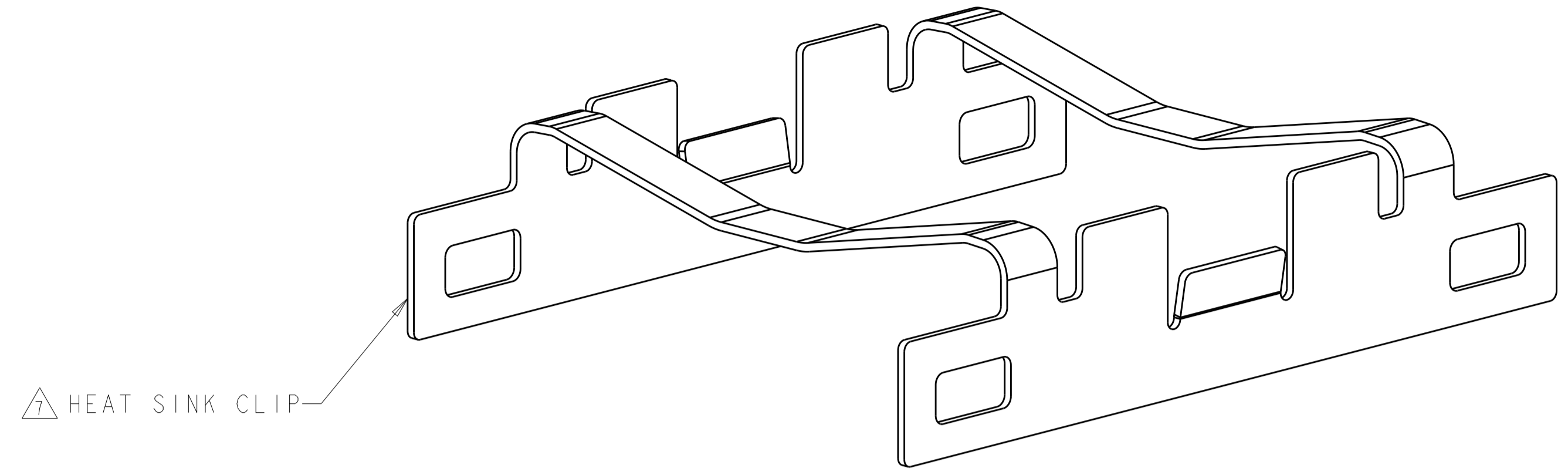


2057855-1
 SCALE 4:1

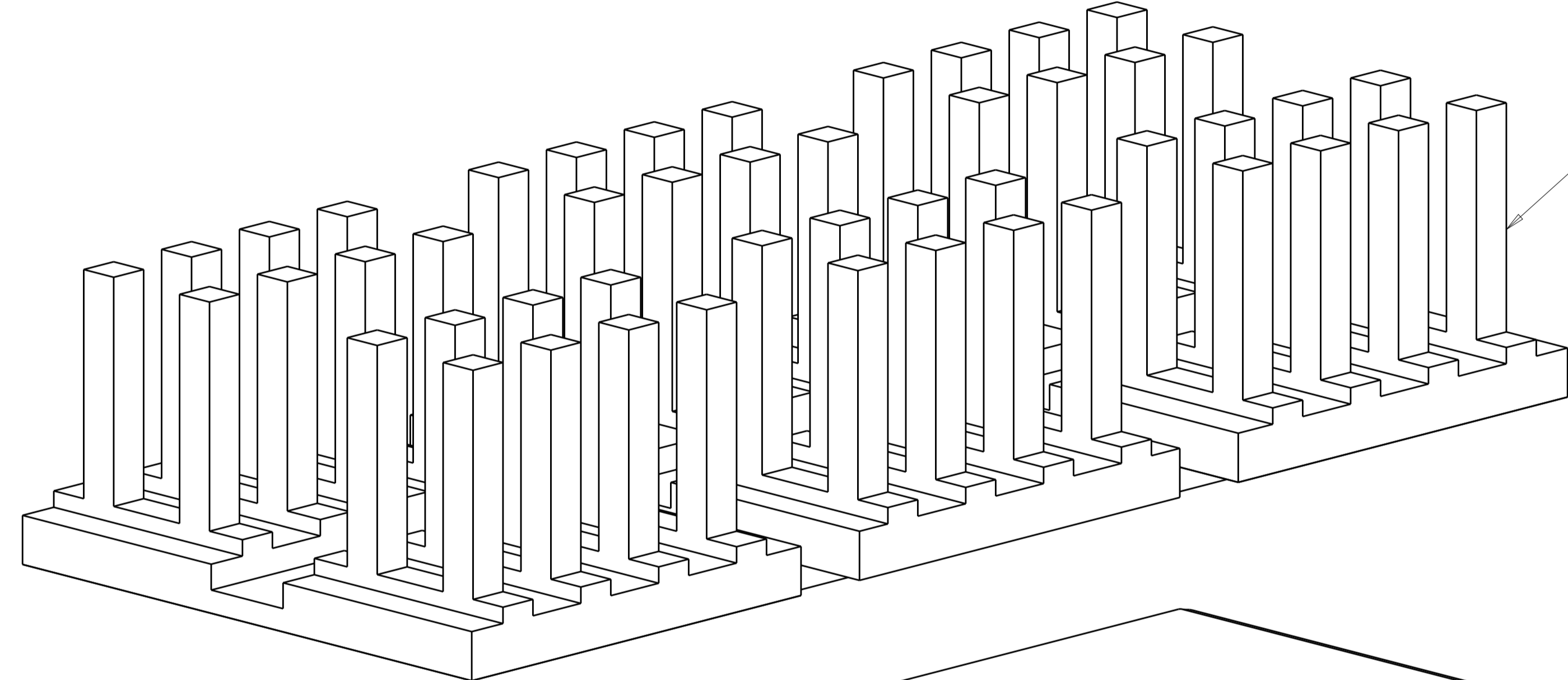
2057855-1
 PART NUMBER

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1		DWN Z.M. BEAM 06DEC2008 CHK J.R. PETERSON 06DEC2008 APVD B.H. WERTZ 06DEC2008		Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL △ FINISH △		PRODUCT SPEC 108-2286 APPLICATION SPEC 114-13218		NAME QSFP CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK		RESTRICTED TO	
CUSTOMER DRAWING		WEIGHT SCALE 5:1		SIZE CAGE CODE DRAWING NO. 114-13218 A1 00779 C=2057855		SHEET 1 OF 5 REV A1	

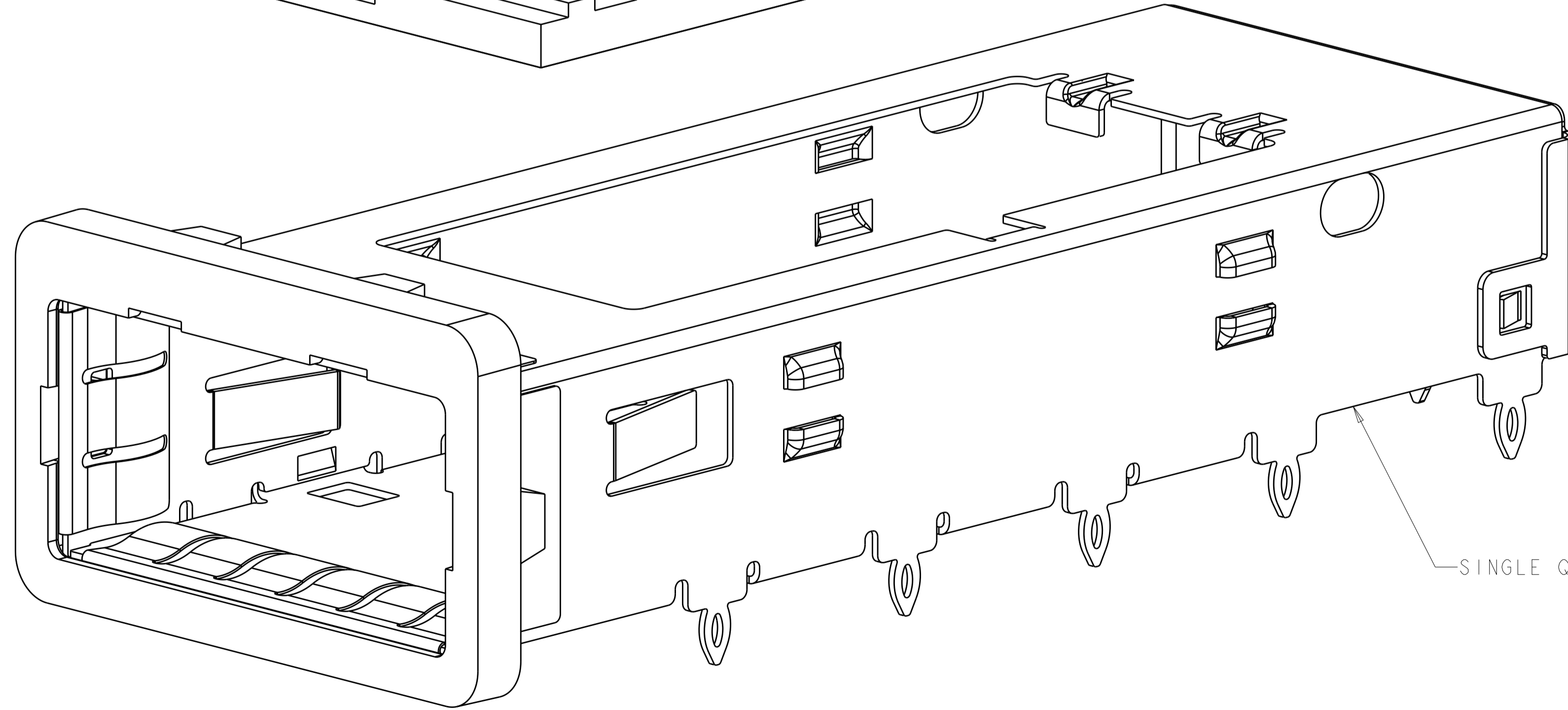
LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1	-	-	-



HEAT SINK CLIP



HEAT SINK



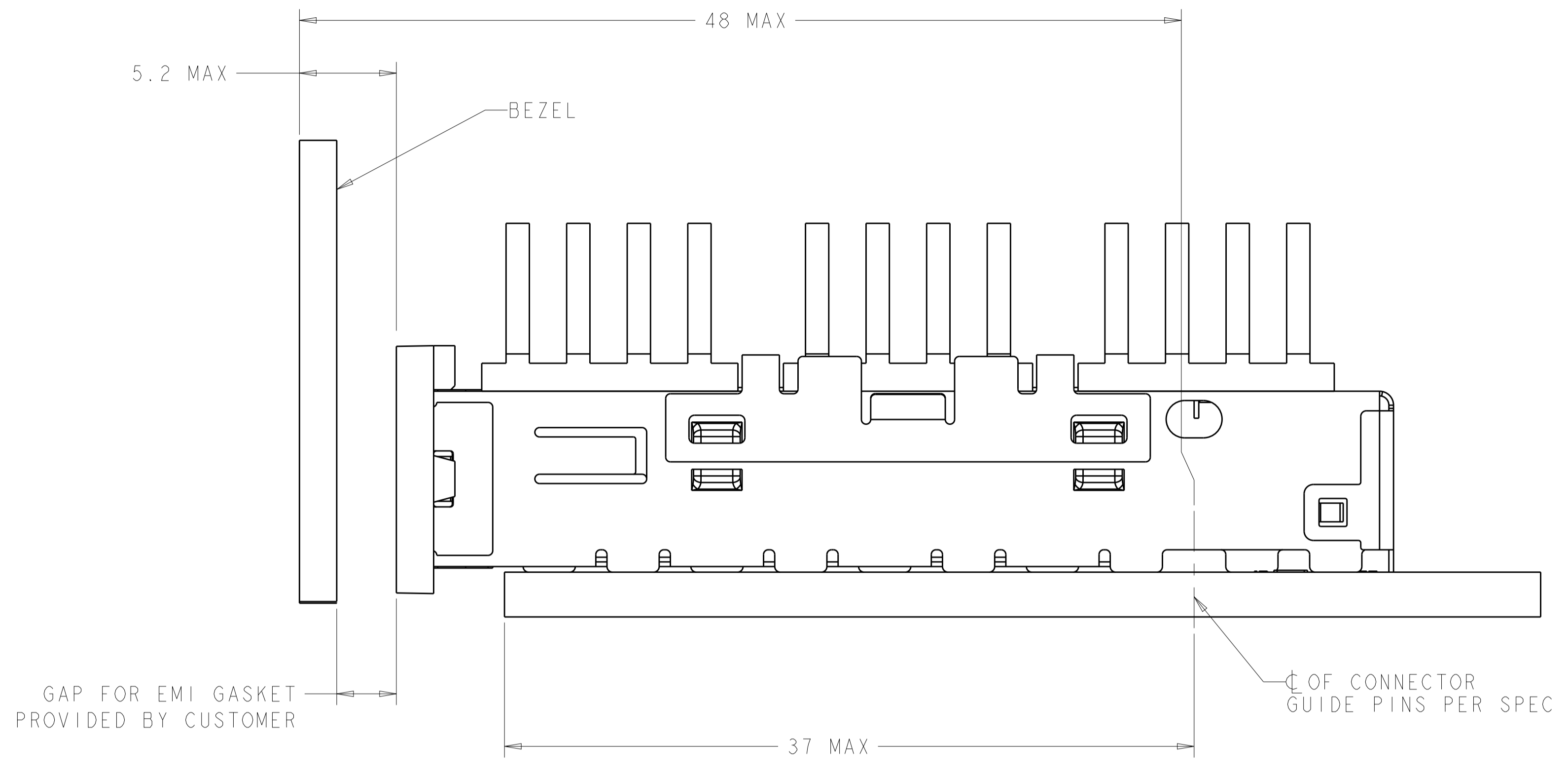
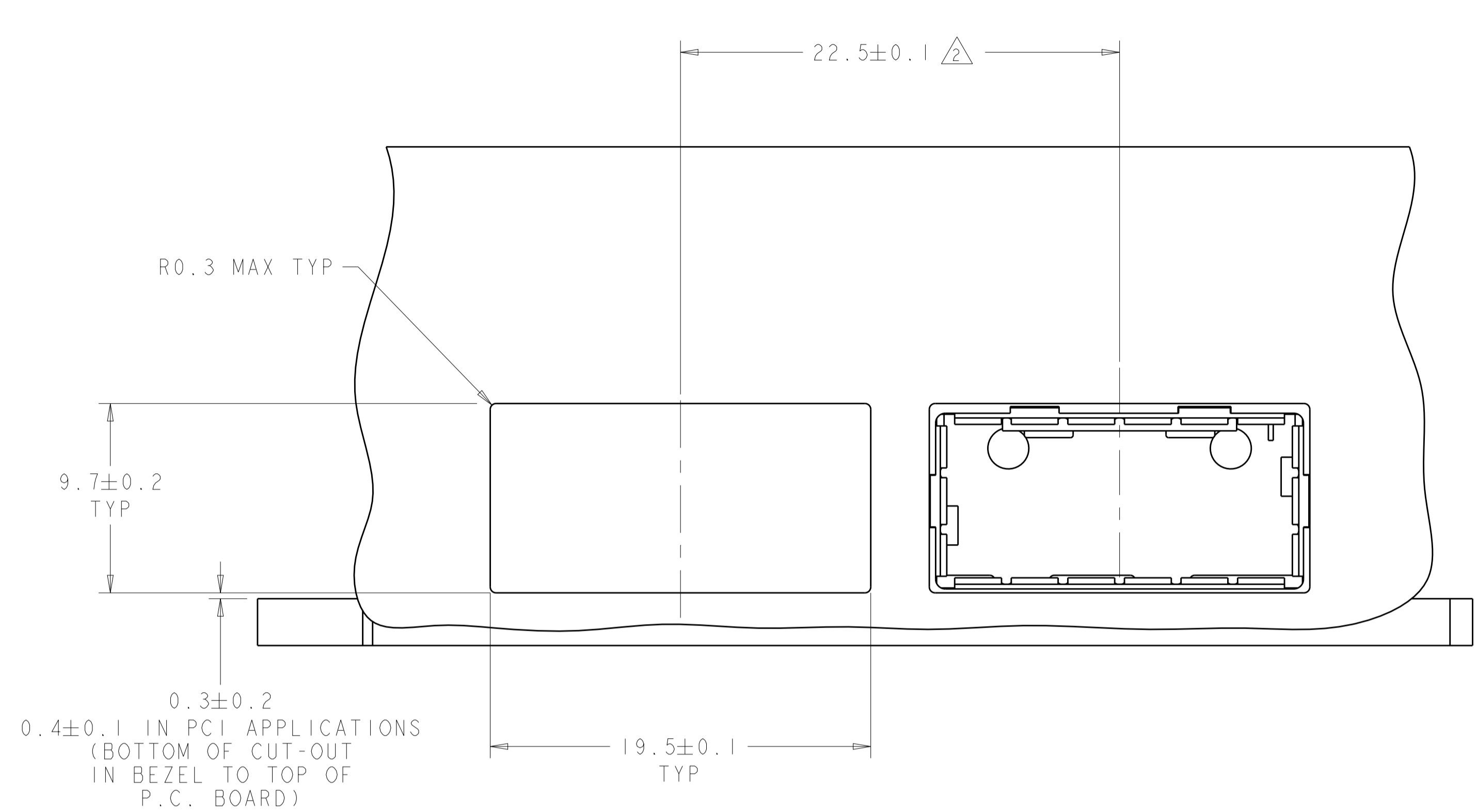
SINGLE QSFP CAGE ASSEMBLY

EXPLODED VIEW
SCALE 8:1

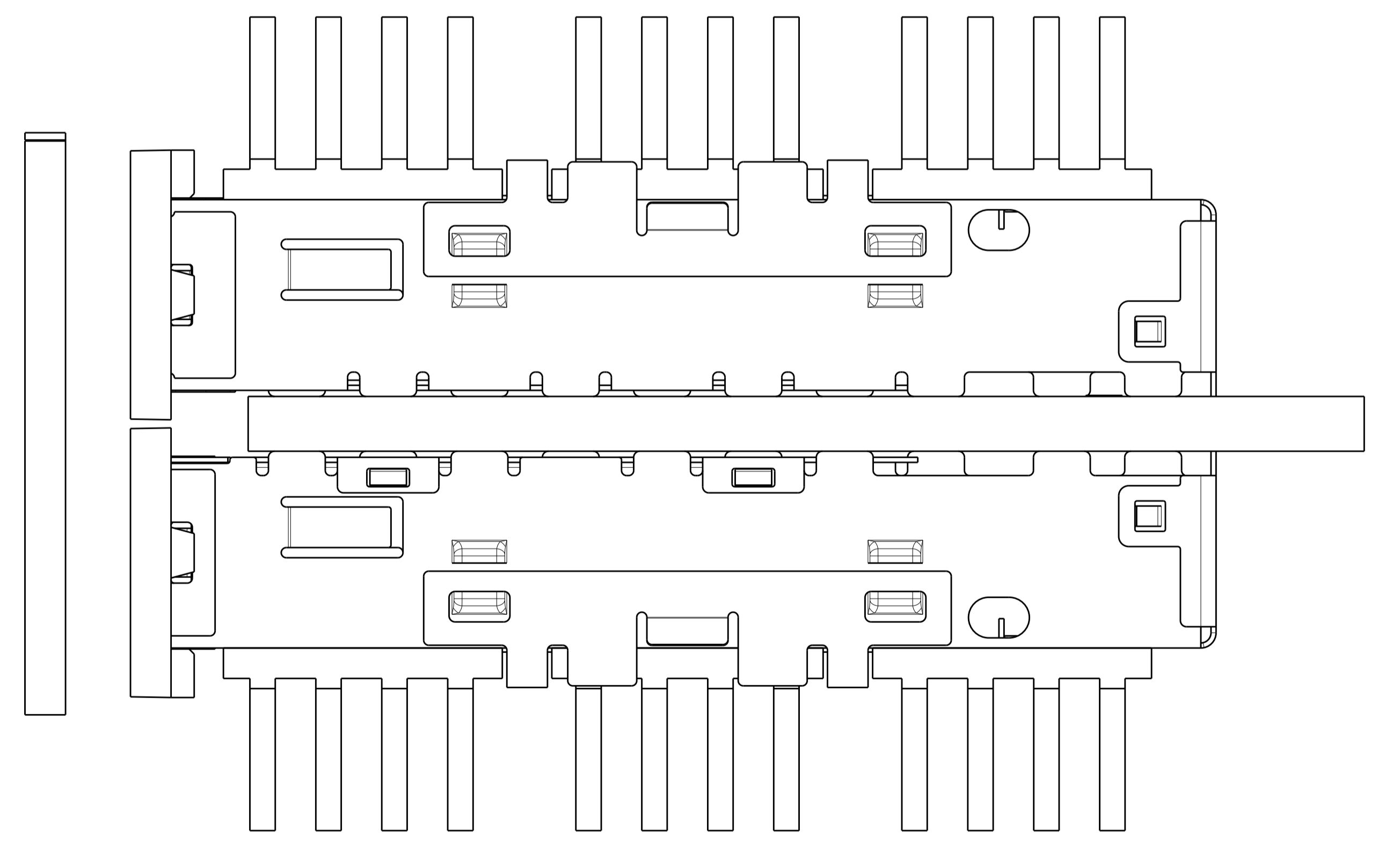
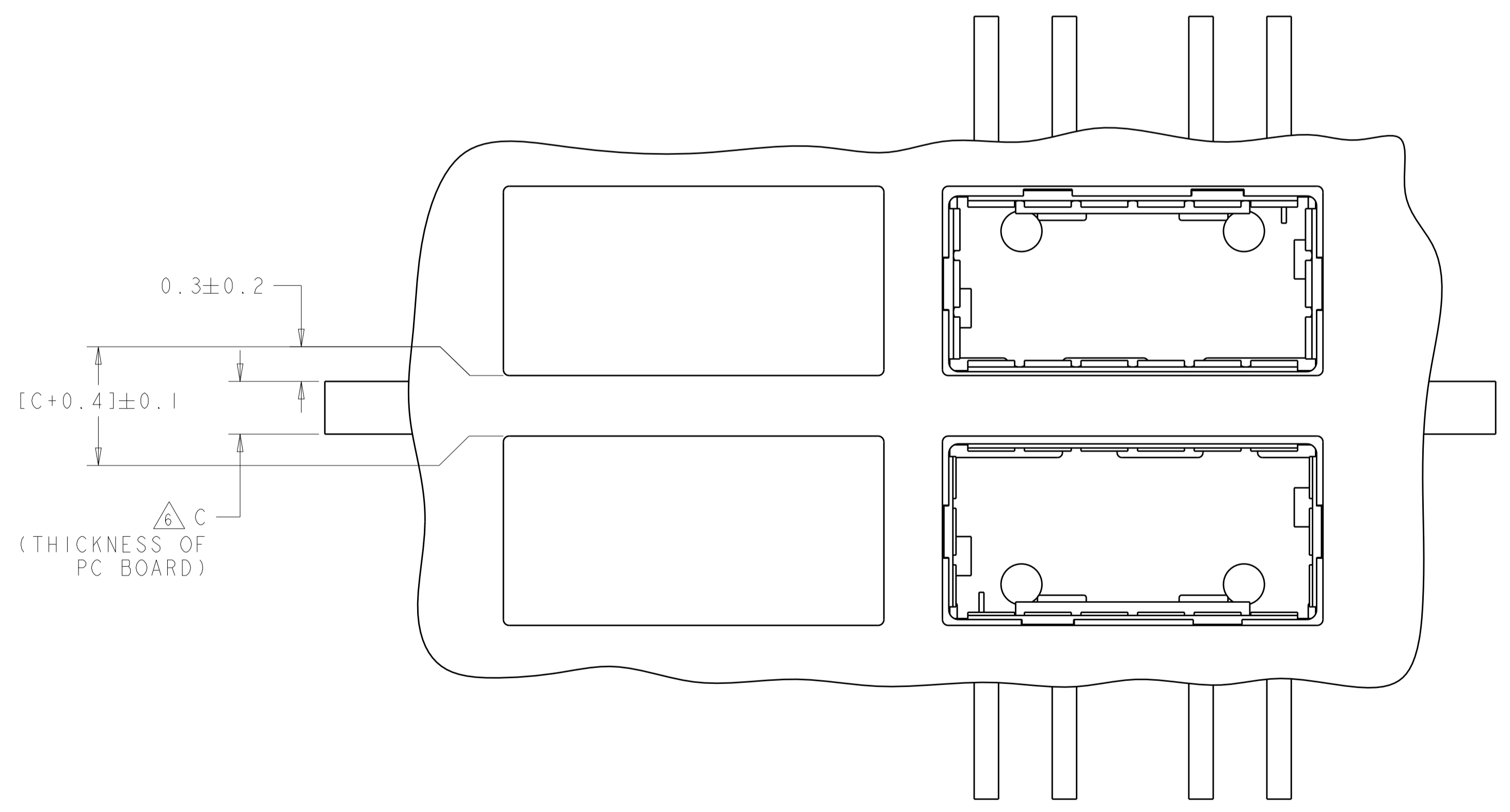
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DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.013 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±.1	NAME: QSFP CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218 WEIGHT: - CUSTOMER DRAWING
MATERIAL: - FINISH: -		SIZE: A100779C=2057855 SCALE: 5:1 SHEET 2 OF 5 REV: A1	RESTRICTED TO: -

LOC	DIST	REV	DATE	BY	APPV
GP	00				

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



ONE SIDED CONFIGURATION

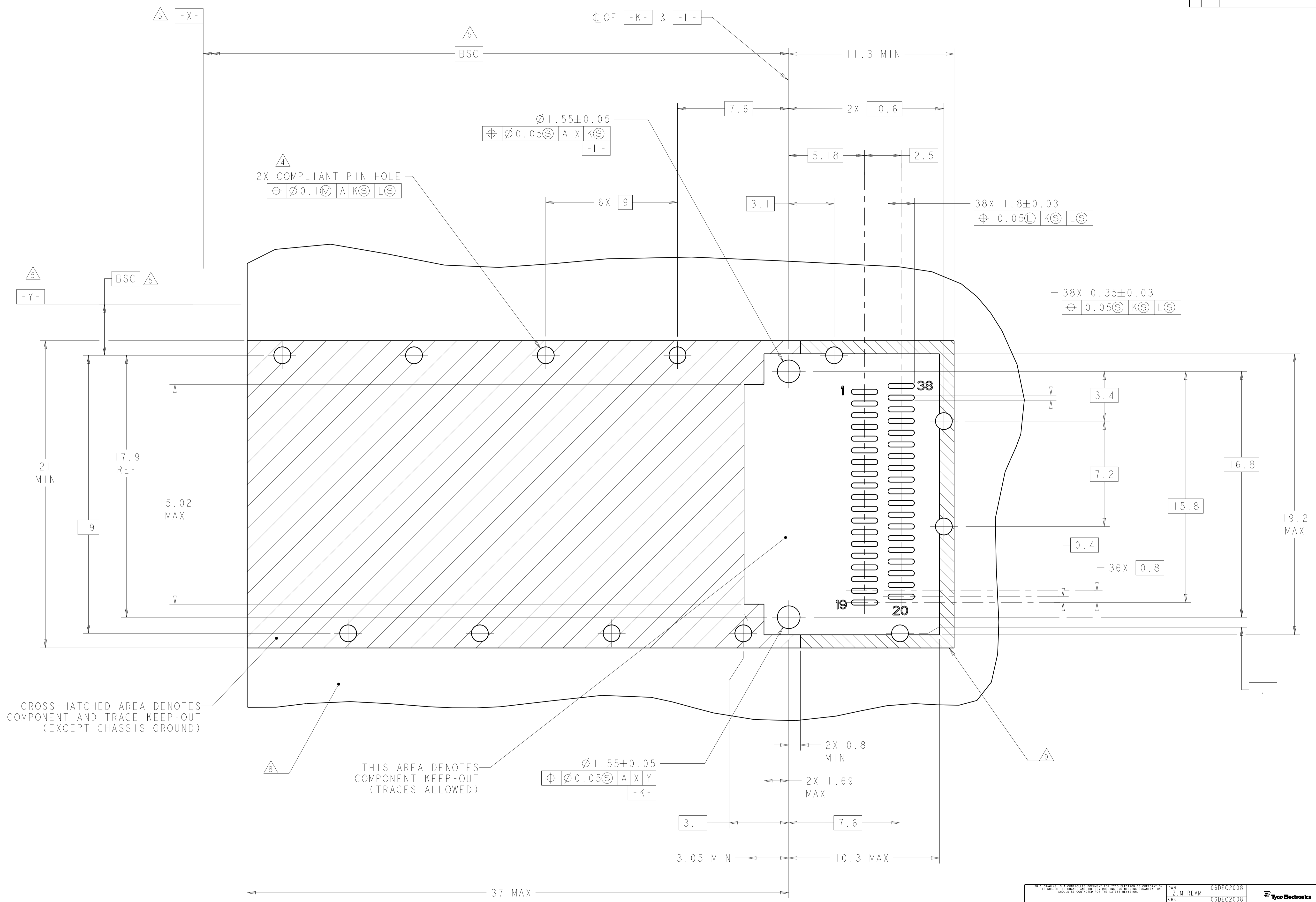


BELLY TO BELLY CONFIGURATION
 SIMILAR TO ONE SIDED EXCEPT
 WHERE NOTED

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.1	NAME: QSFP PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218 WEIGHT: - CUSTOMER DRAWING	SIZE: A CAGE CODE: 00779 DRAWING NO: C=2057855 SCALE: 5:1 SHEET: 3 OF 5 REV: A1

LOC	DIST	REV	DATE	BY	APPV
GP	00				

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



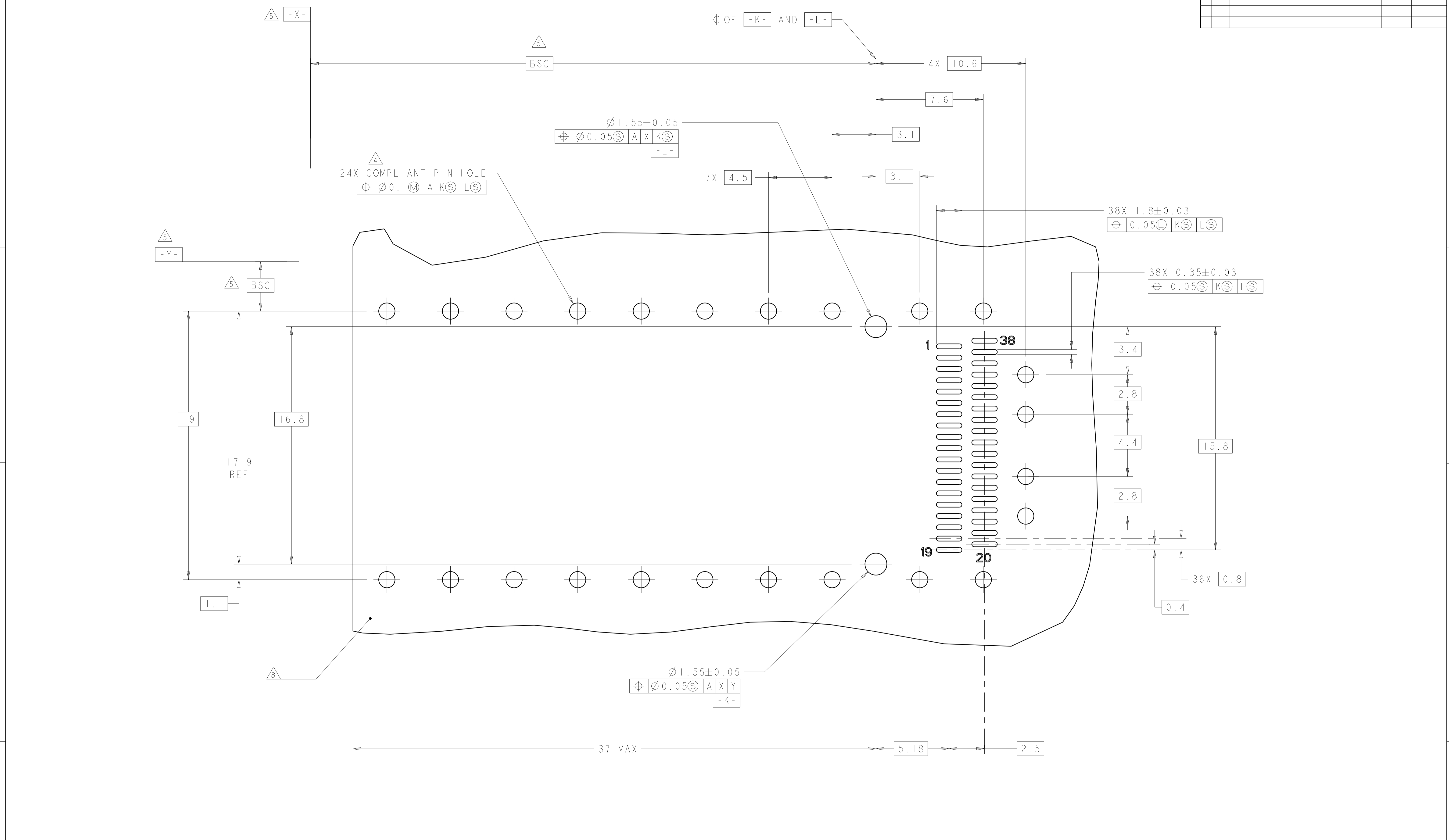
CROSS-HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

RECOMMENDED PCB LAYOUT
 SINGLE SIDED CONFIGURATION
 SCALE 8:1

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±.0001 FINISH		DWN Z.M. BEAM 06DEC2008 CHK J.R. PETERSON 06DEC2008 APVD B.H. WERTZ 06DEC2008		Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL: - FINISH: -		WEIGHT: - CUSTOMER DRAWING		NAME: QSFPC CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218		SIZE: A CAGE CODE: 00779 DRAWING NO: C=2057855 RESTRICTED TO: -	
SCALE: 4:1				SHEET: 4 OF 5		REV: A1	

LOC		DIST		REVISIONS			
GP	00	P	LTH	DESCRIPTION	DATE	DMN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
 BELLY TO BELLY CONFIGURATION
 SEE SHEET 4 FOR KEEP OUT AREAS
 SCALE 8:1

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.5 1 PLC ± 0.13 2 PLC ± 0.013 3 PLC ± 0.001 4 PLC ± 0.0001 ANGLES ± 0.001 FINISH	NAME: QSFPC CAGE ASSEMBLY, BEHIND BEZEL WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218 WEIGHT: - CUSTOMER DRAWING	SIZE: A CAGE CODE: 2057855 SCALE: 4:1 SHEET: 5 OF 5 REV: A1