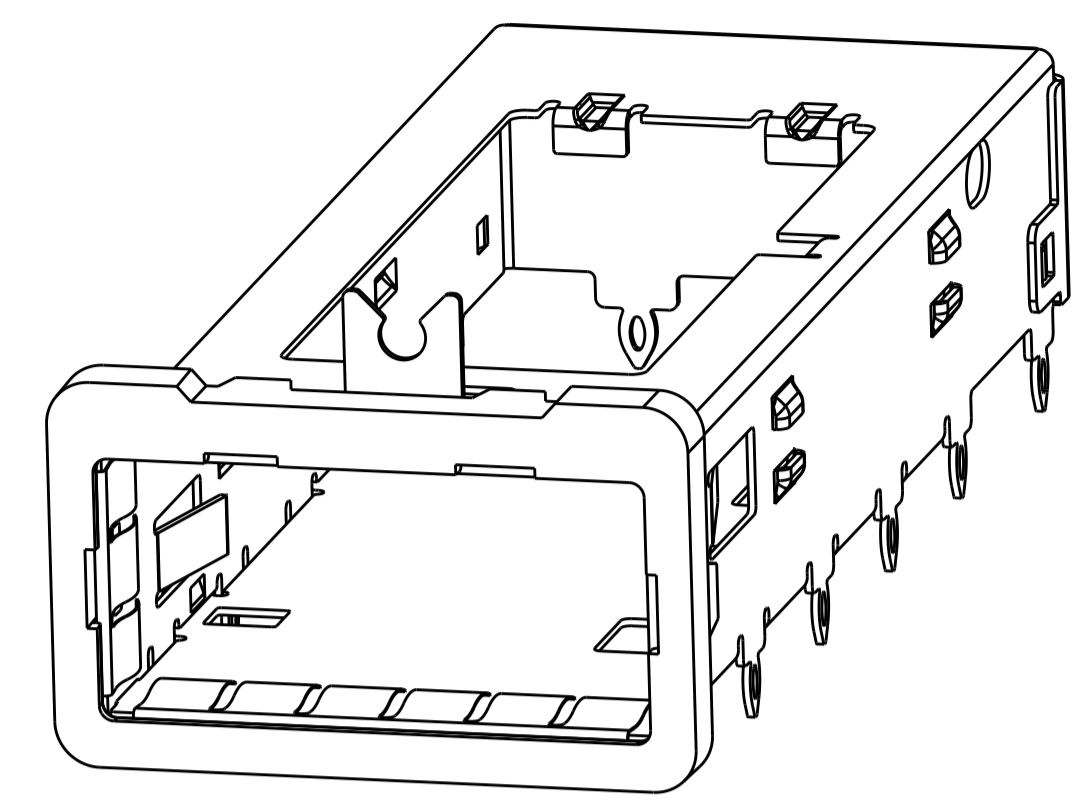
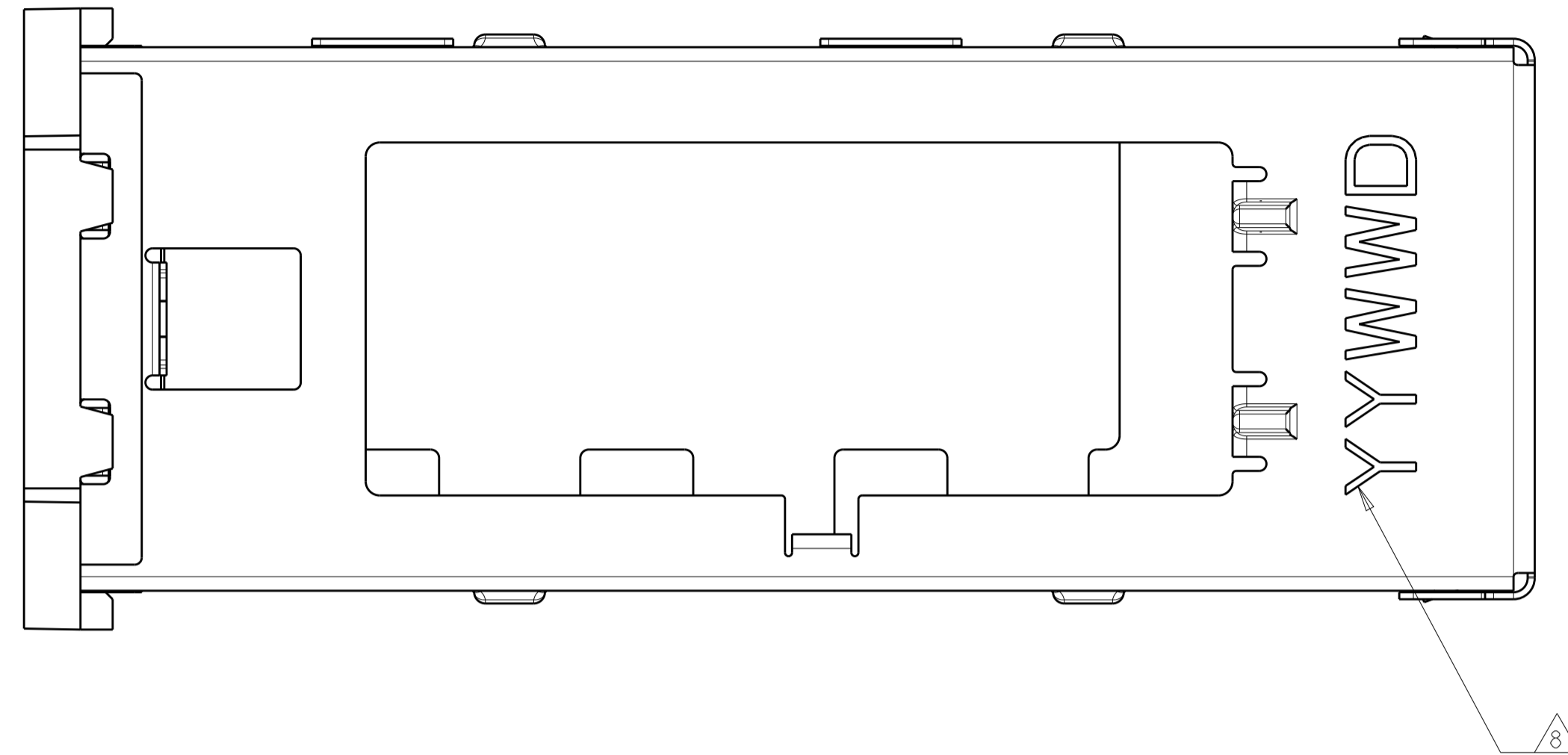


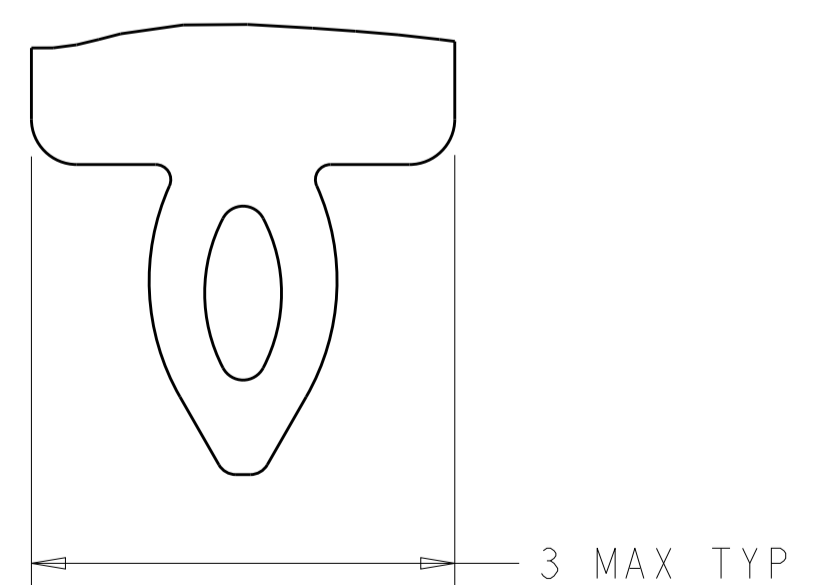
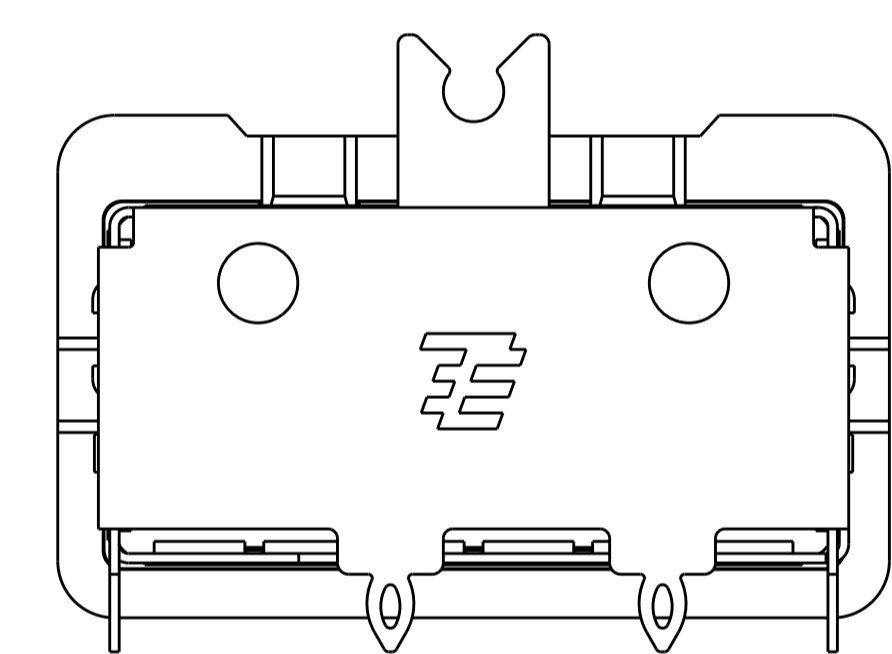
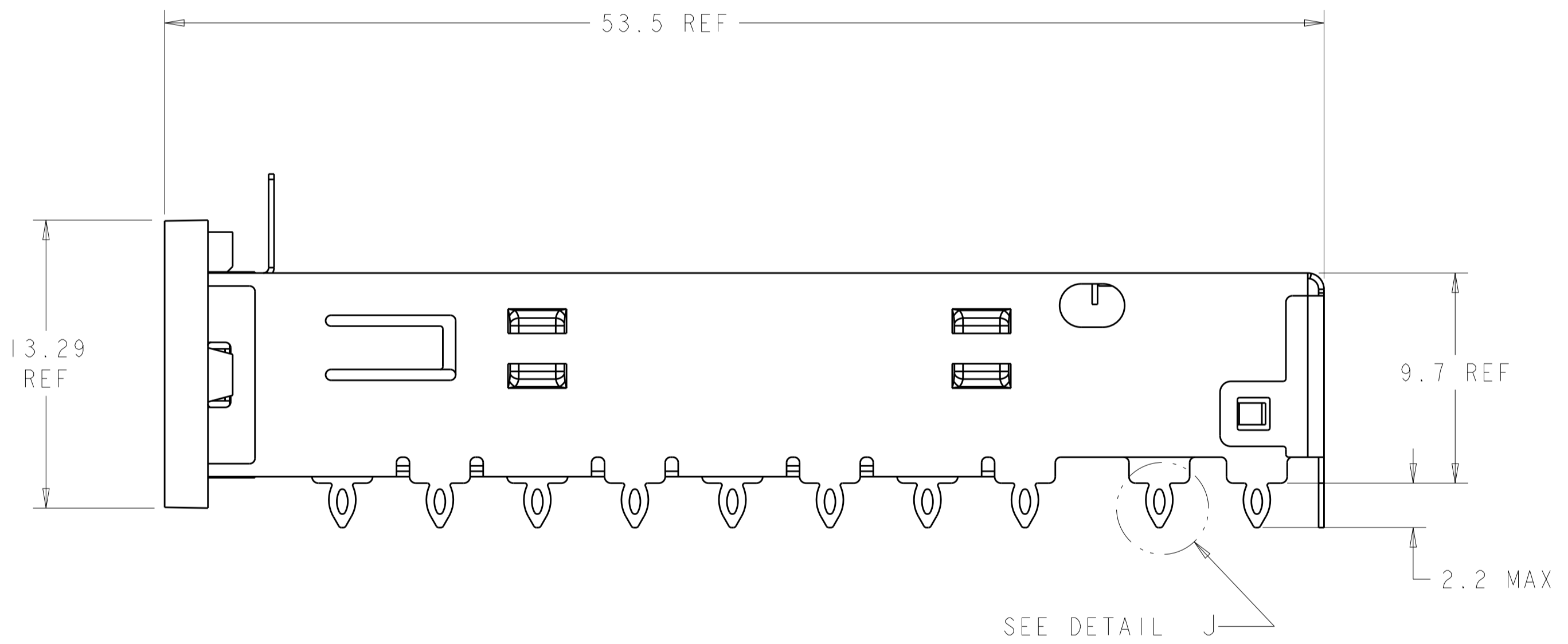
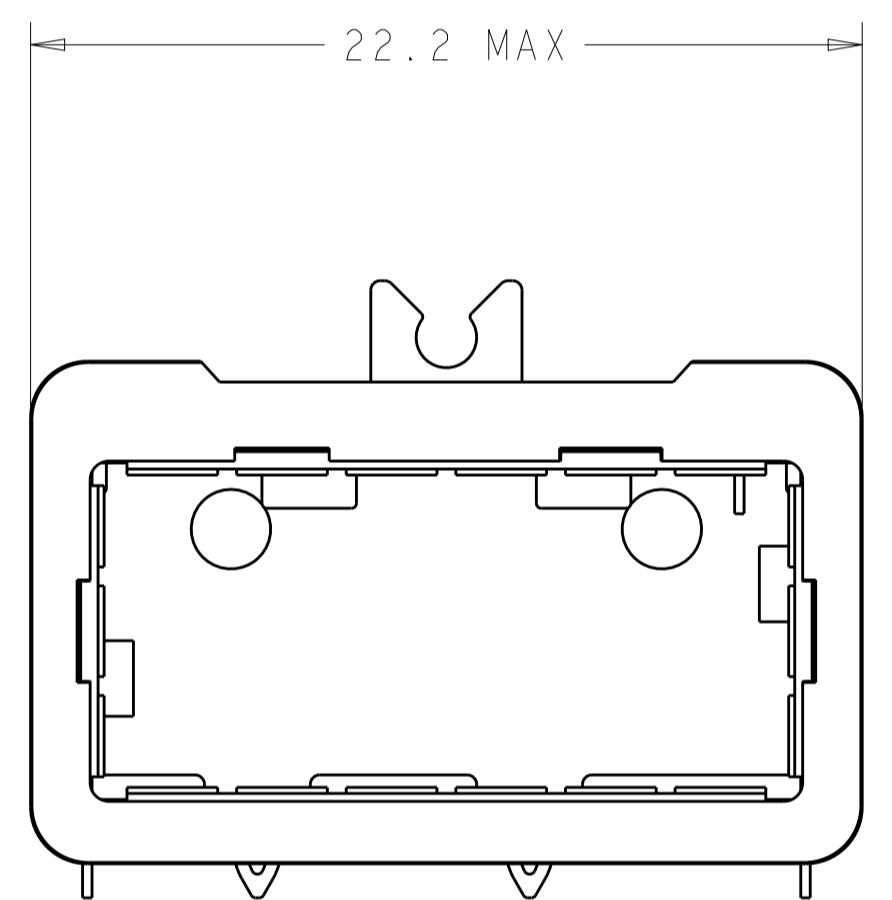
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
1		PRELIMINARY	30JUN2011	AL	CW		
2		REVISED PR ECO-14-018993	2APR2015	RG	MC		



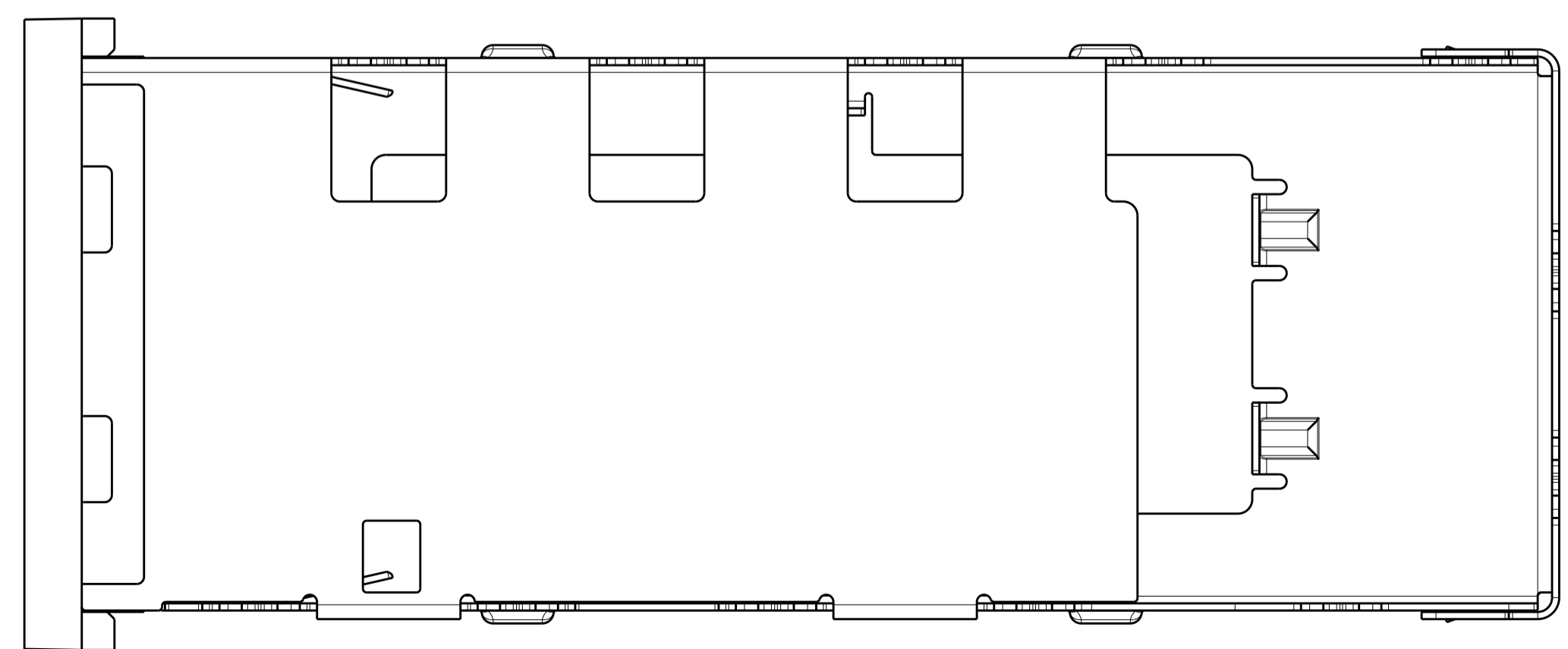
ISOMETRIC VIEW
SCALE 4:1



- 1. SURFACE TRACES PERMITTED WITHIN THIS LENGTH EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
- 2. MINIMUM PITCH DIMENSION.
- 3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- 4. REFERENCE APPLICATION SPEC 114-13218 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
- 6. 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.
- 7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
- 8. DATE CODE (YYWW) MARKED APPROXIMATELY AS SHOWN.
- 9. CAGE MATERIAL: 0.25 THICK NICKEL SILVER
EMI SPRING MATERIAL: COPPER ALLOY
FRONT FLANGE MATERIAL: ZINC ALLOY.
- 10. EMI SPRING FINISH: 2um MIN TIN
FRONT FLANGE FINISH: 3um MIN THICK TIN OVER 1.27um MIN THICK NICKEL OVER 5.08um MIN THICK COPPER.
- 11. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.



DETAIL J
SCALE 20:1

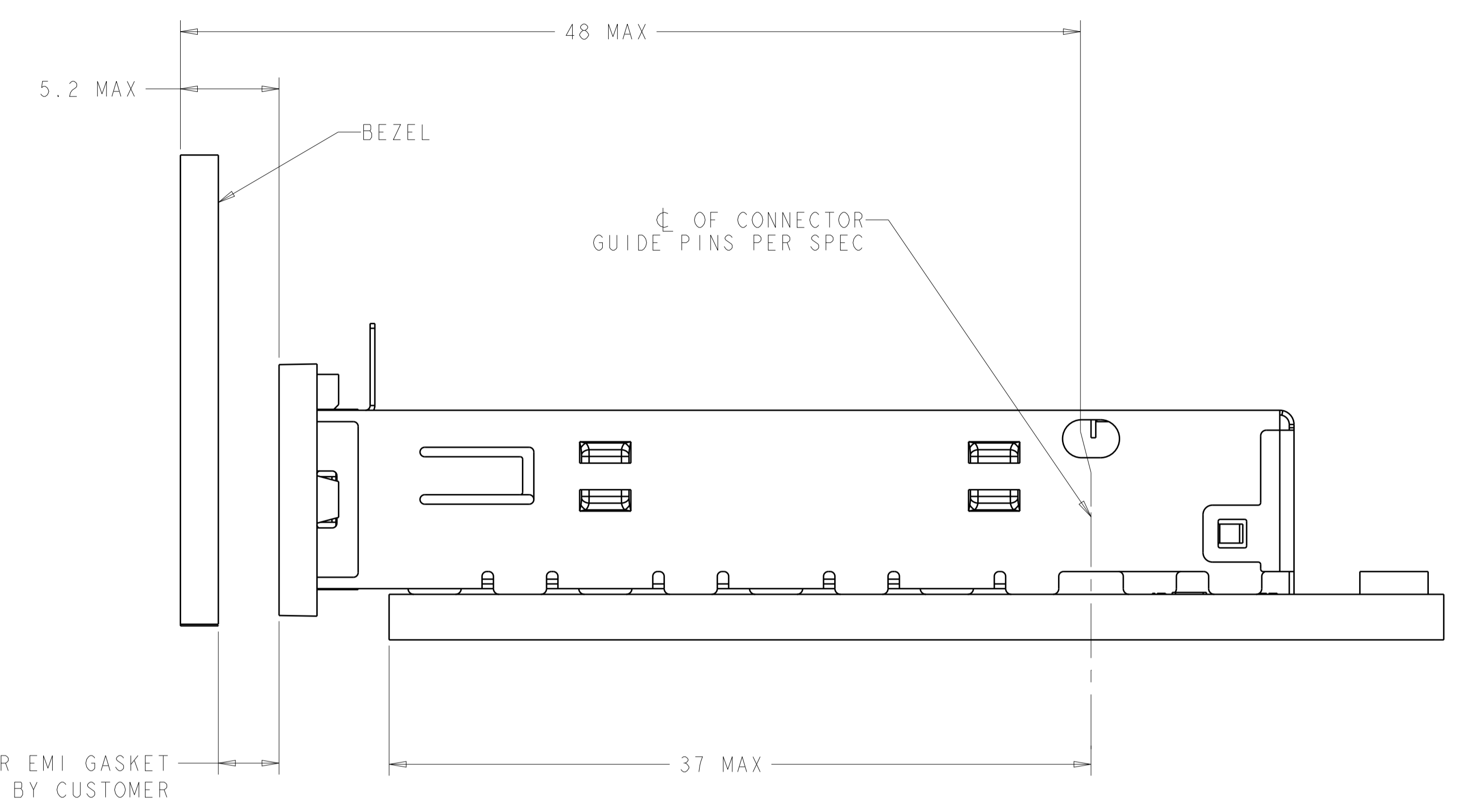
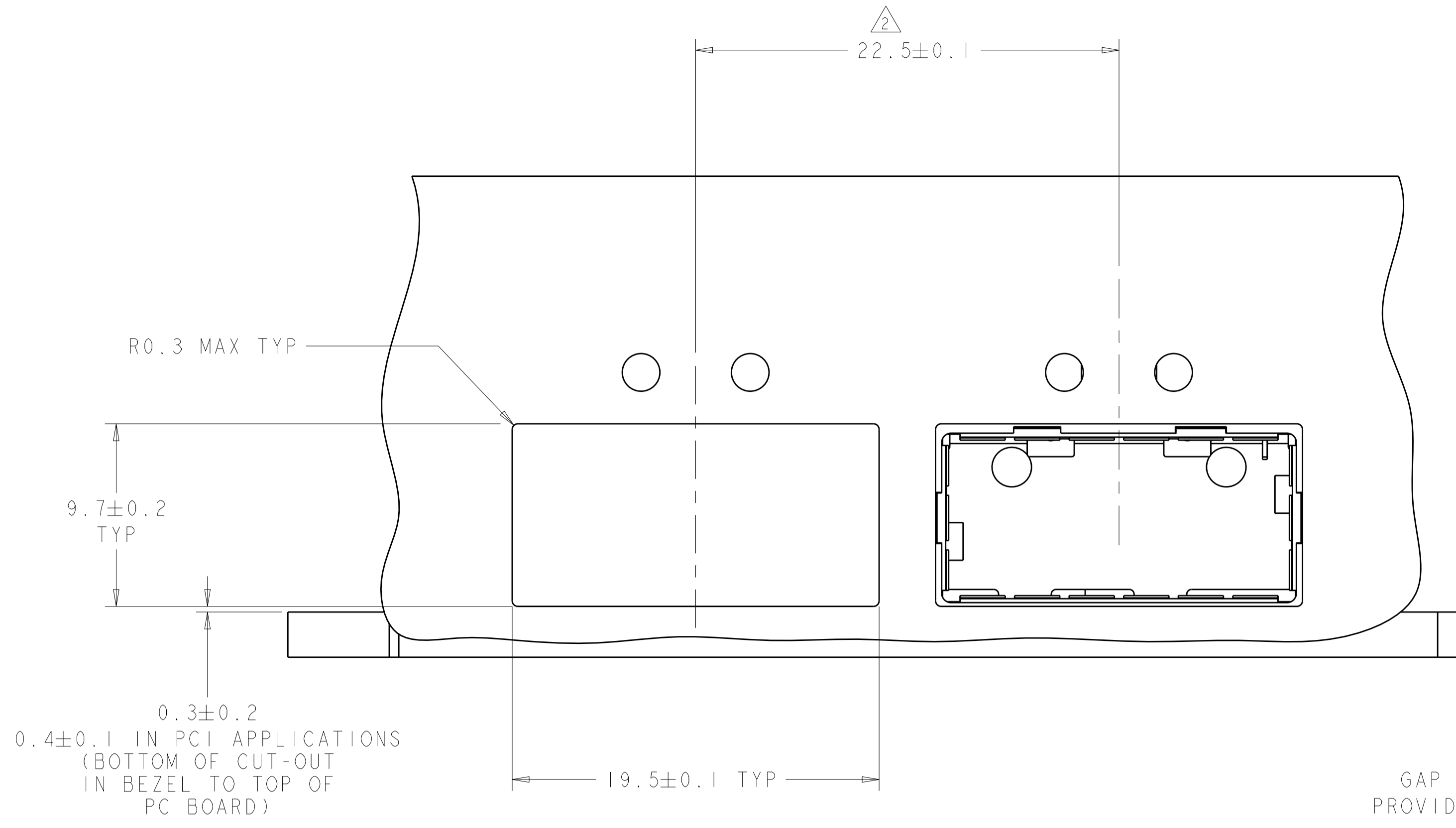


2170111-1
PART NUMBER

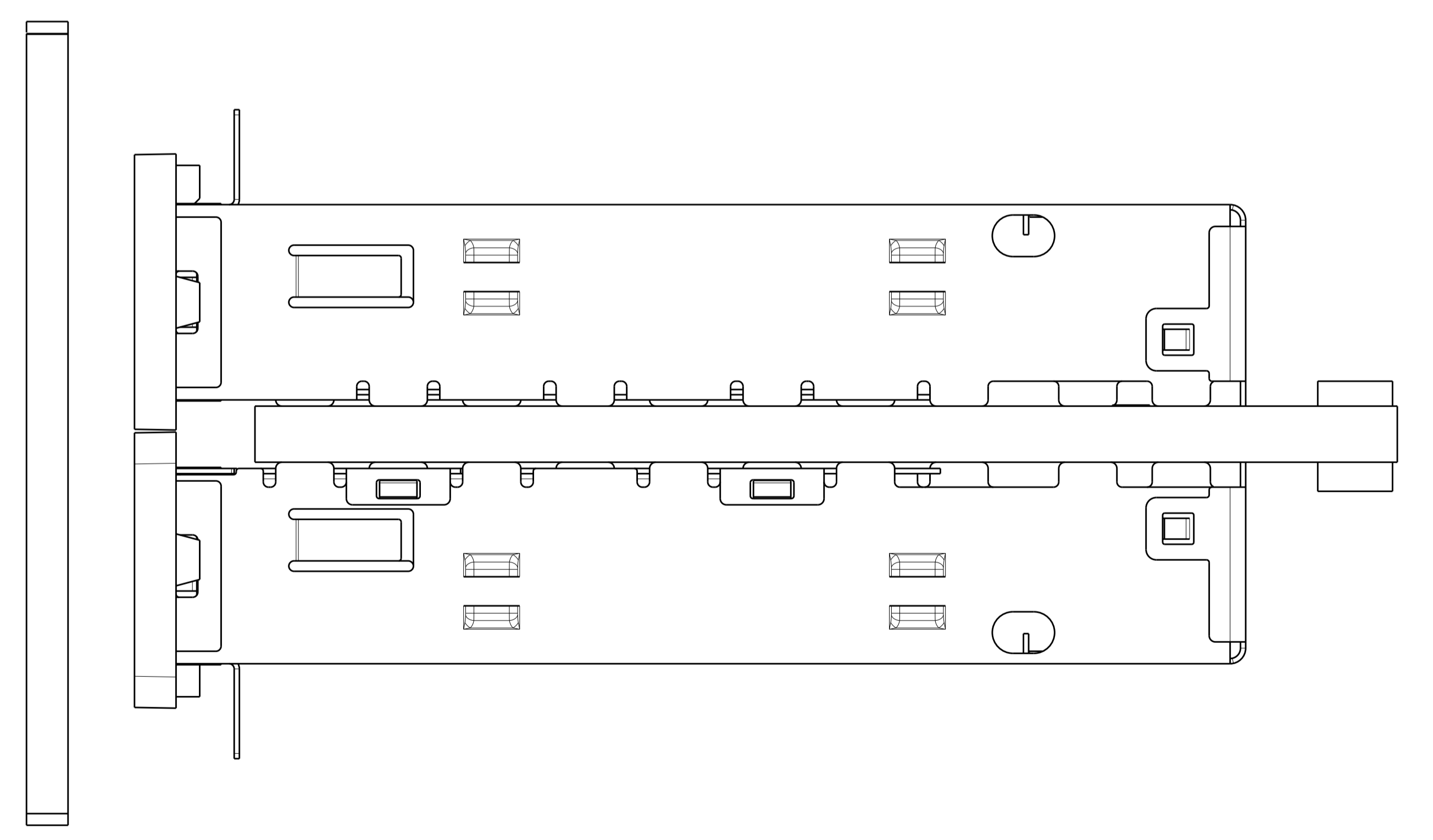
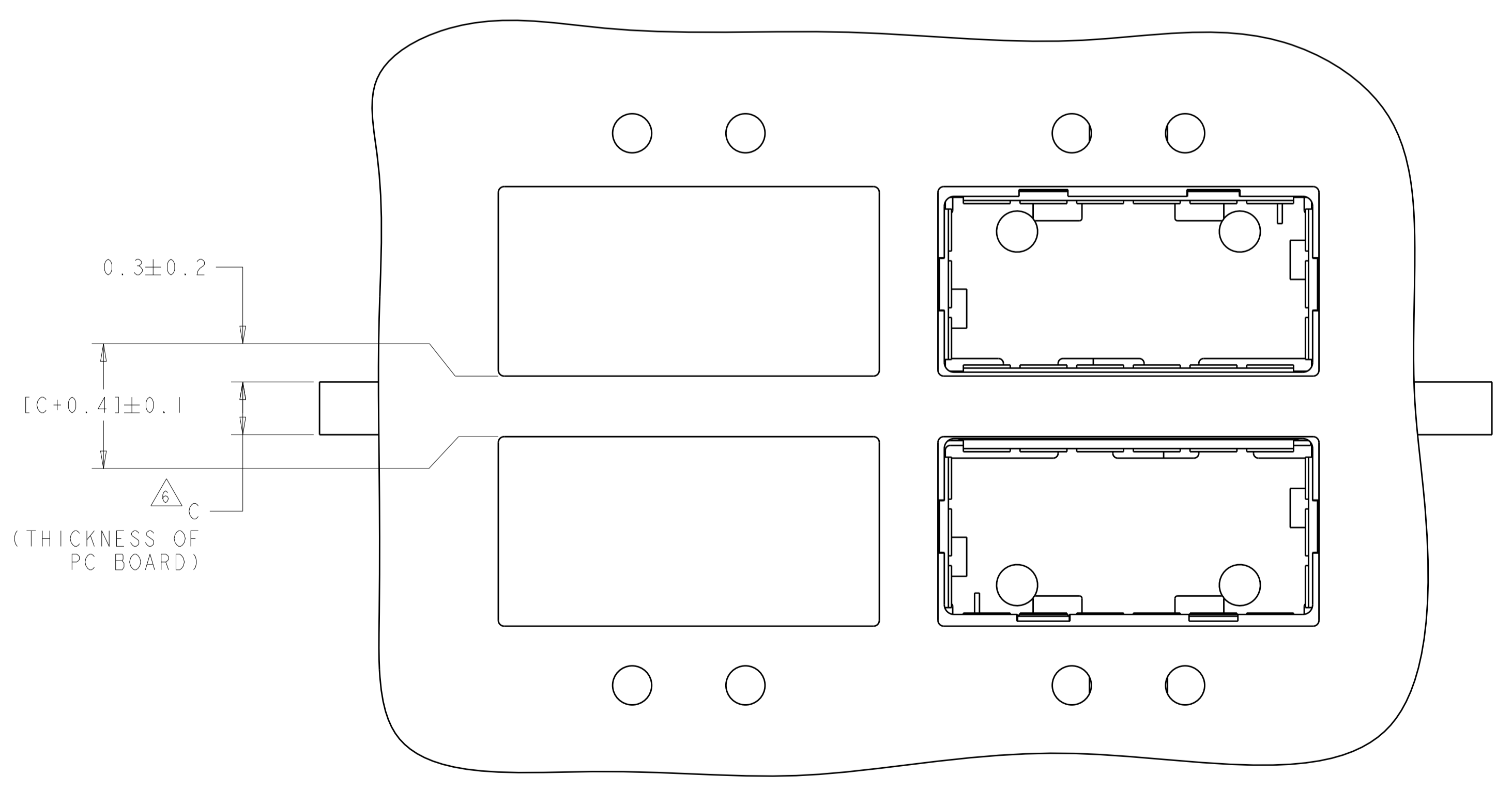
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: 27JUN2011	TE Connectivity
		CHK: 28JUN2011	
DIMENSIONS:		APVD: 30JUN2011	NAME: CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP PRODUCT SPEC: 108-2286 APPLICATION SPEC: 114-13218
TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE: CAGE CODE DRAWING NO	
mm	0 PLC ±0.5	RESTRICTED TO	
	2 PLC ±0.13	Customer Drawing	
	3 PLC ±0.013	SCALE: 5:1	
	4 PLC ±0.001	SHEET 1 OF 4	
	ANGLES ±0.0001	REV 2	
MATERIAL: 9	FINISH: 10	A100779C=2170111	

LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS			
REV	DATE	BY	APPD
-	-	-	-
SEE SHEET 1			



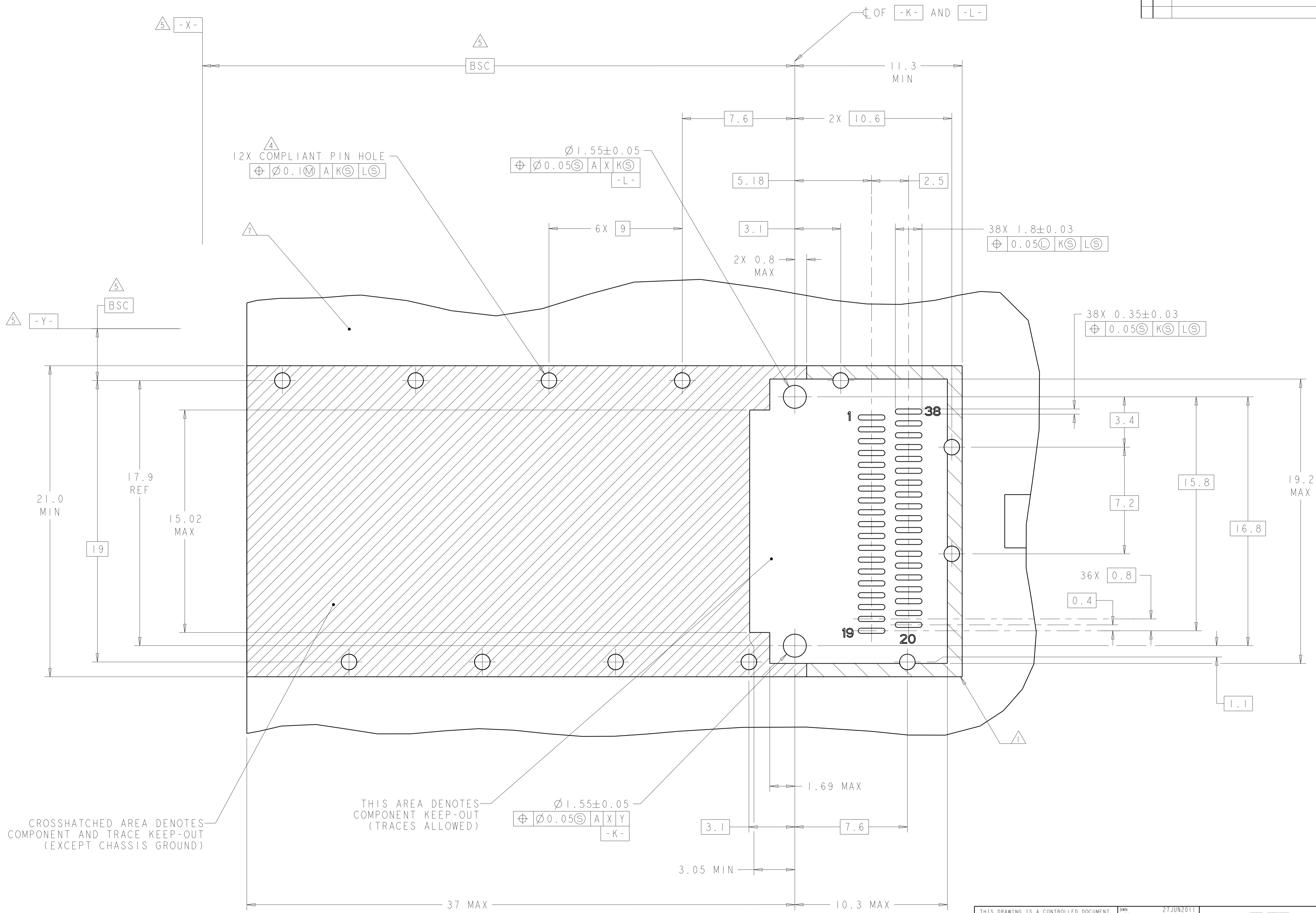
ONE SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION
SIMILAR TO ONE SIDED EXCEPT
WHERE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: 27JUN2011	 TE Connectivity
DIMENSIONS: mm		CHK: 28JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		DZ: 30JUN2011	
0 PLC ±0.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±0.0001		APVD: CW	
MATERIAL: -		PRODUCT SPEC: 108-2286	NAME: CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP
FINISH: -		APPLICATION SPEC: 114-13218	SIZE: A1
		WEIGHT: -	CAGE CODE: 00779
		Customer Drawing	DRAWING NO: C=2170111
		SCALE: 5:1	RESTRICTED TO: -
		SHEET: 2 OF 4	REV: 2

LOC	DIST	REV	DATE	BY	APPV
GP	00				
REVISIONS					



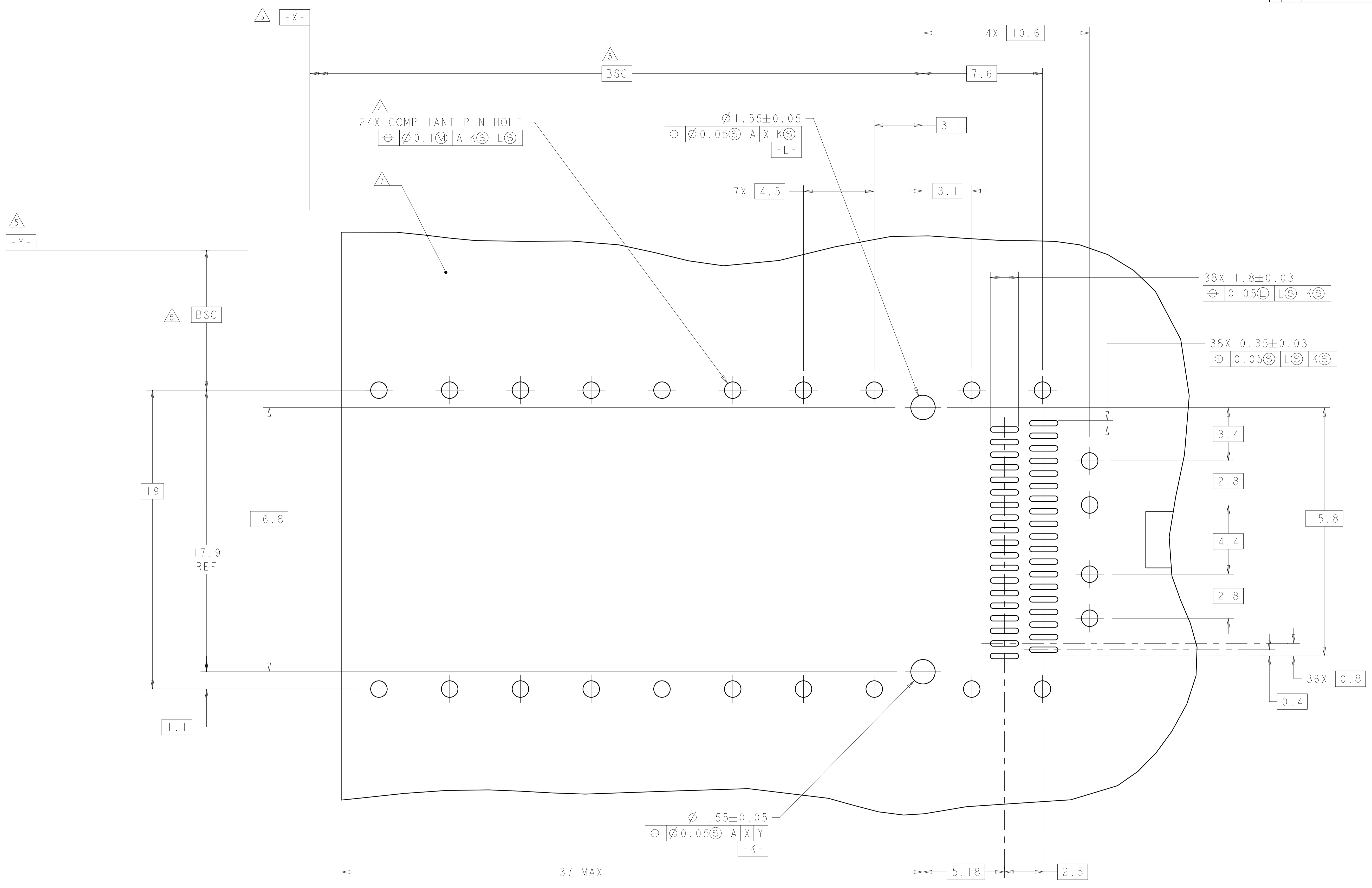
CROSSHATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

RECOMMENDED SINGLE-SIDE PC BOARD LAYOUT
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: 27JUN2011	TE Connectivity
DIMENSIONS: mm		CHK: 28JUN2011	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPV: 30JUN2011	NAME: CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP
0 PLC ±0.5	1 PLC ±0.13	PRODUCT SPEC: 108-2286	SIZE: A100779C=2170111
2 PLC ±0.13	3 PLC ±0.013	APPLICATION SPEC: 114-13218	RESTRICTED TO: -
4 PLC ±0.001	ANGLES ±0.0001	WEIGHT: -	SCALE: 5:1 SHEET 3 OF 4 REV 2
MATERIAL: -	FINISH: -	Customer Drawing	

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



RECOMMENDED PCB LAYOUT
 BELLY TO BELLY CONFIGURATION
 SEE SHEET 3 FOR KEEP OUT AREAS
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	27JUN2011		TE Connectivity
DIMENSIONS:		CHK	28JUN2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DZ	30JUN2011	NAME	
0 PLC ±0.5	1 PLC ±0.5	APVD	CW	CAGE ASSEMBLY, BEHIND BEZEL, W/ LIGHT PIPE BRACKET, QSFP	
2 PLC ±0.13	3 PLC ±0.013	PRODUCT SPEC		108-2286	
4 PLC ±0.001	ANGLES ±0.0001	APPLICATION SPEC		114-13218	
MATERIAL	FINISH	WEIGHT		SIZE	CAGE CODE DRAWING NO
				A100779	C=2170111
		Customer Drawing		SCALE	5:1 SHEET 4 OF 4 REV 2