

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		ADDED DASH -4	02DEC2018	SH	SH
A2		ECO-18-019915	09JAN2019	SH	SH
B		ECO-19-008922	10JUN2019	ES	SH
C		ECO-19-018900	12DEC2019	VM	SH

1. MATERIAL:
CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
SPRING MATERIAL: COPPER ALLOY
HEAT SINK MATERIAL: ALUMINUM
CLIP MATERIAL: STAINLESS STEEL

2. FINISH:
SPRING: NICKEL PLATING
HEAT SINK: ANODIZED BLACK

3. DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE TO TOP OF HEAT SINK.

4. REFERENCE APPLICATION SPEC 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.

5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

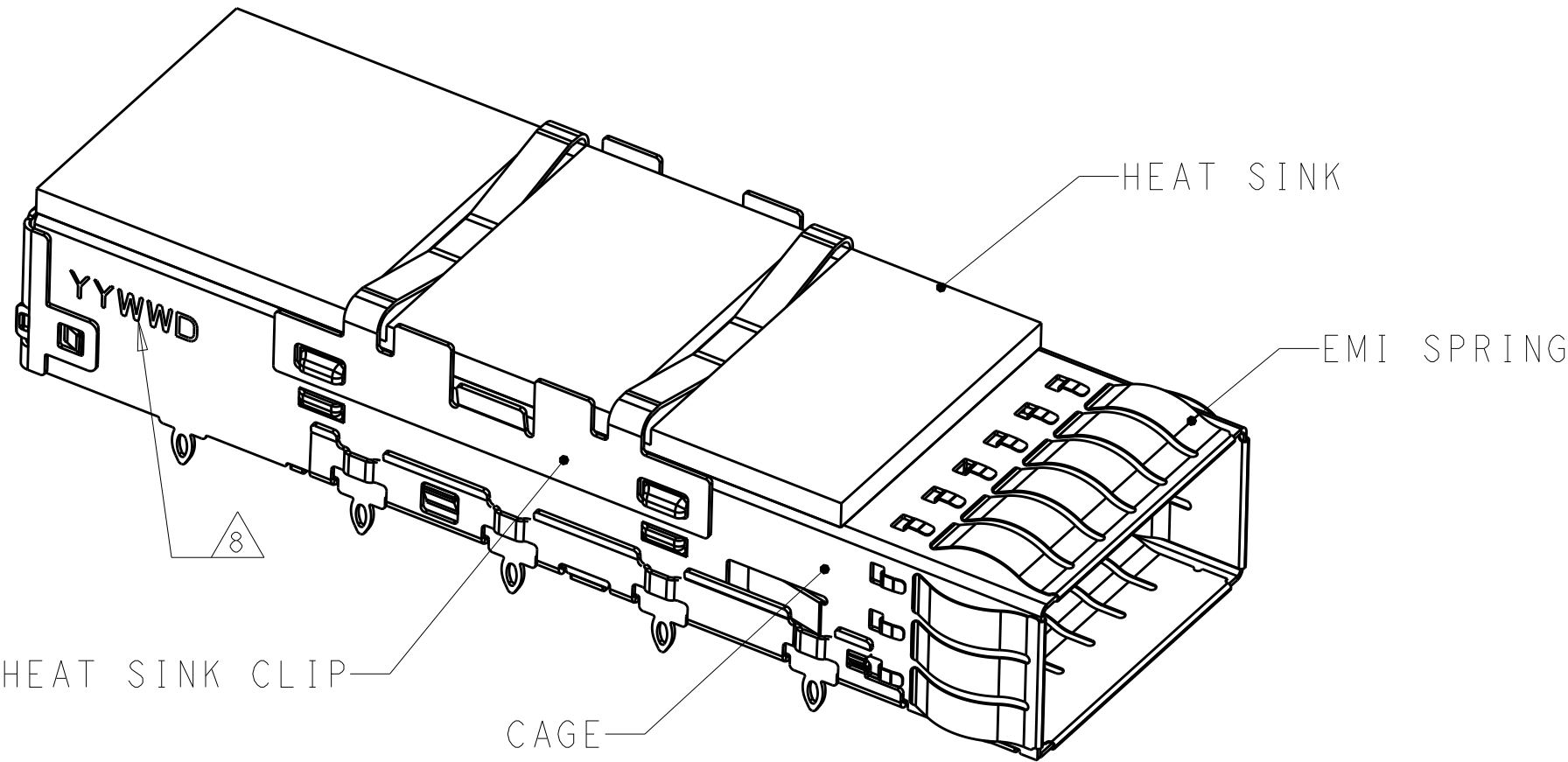
6. MINIMUM PC BOARD THICKNESS : SINGLES SIDED: 1.57 MIN
DOUBLE SIDED: 2.20 MIN

7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

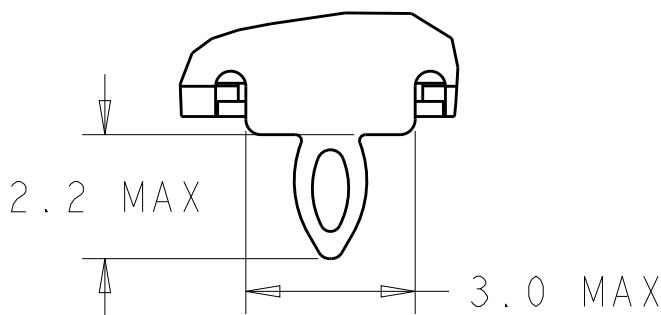
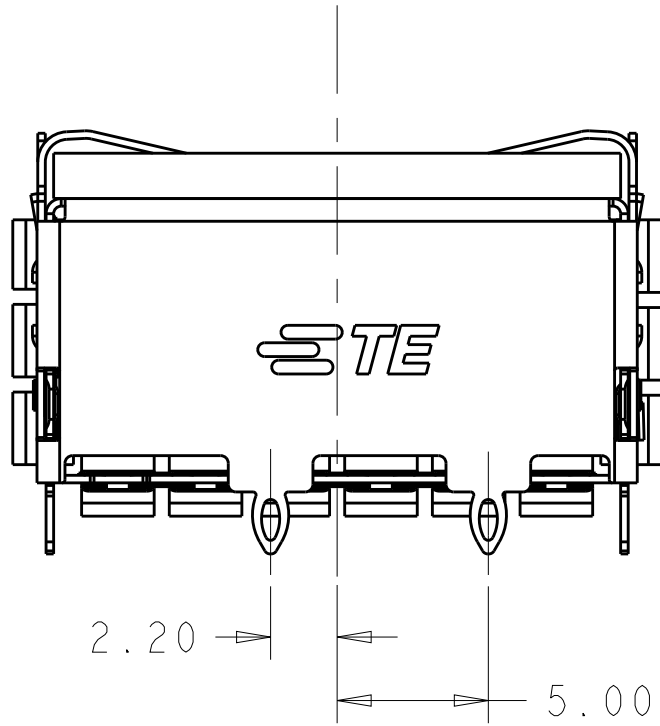
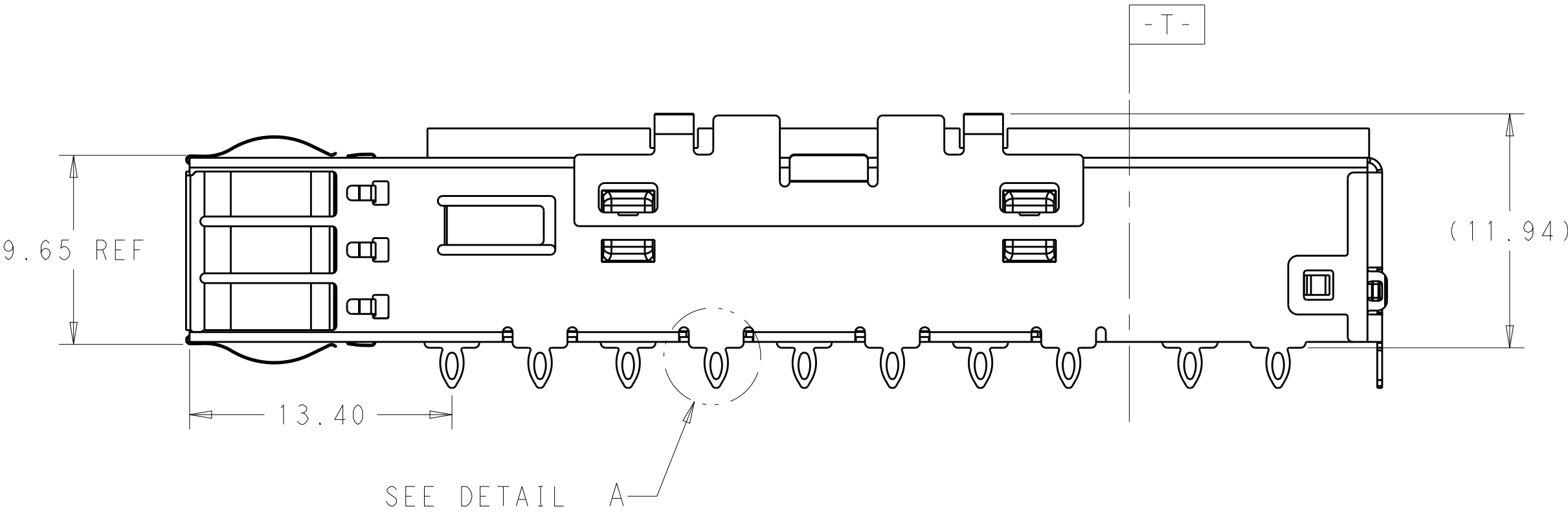
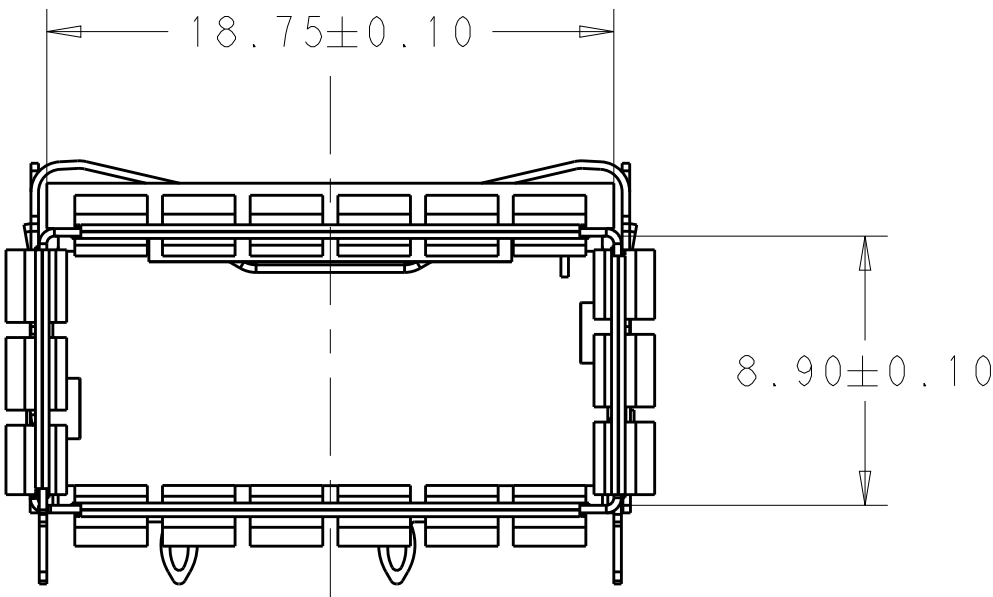
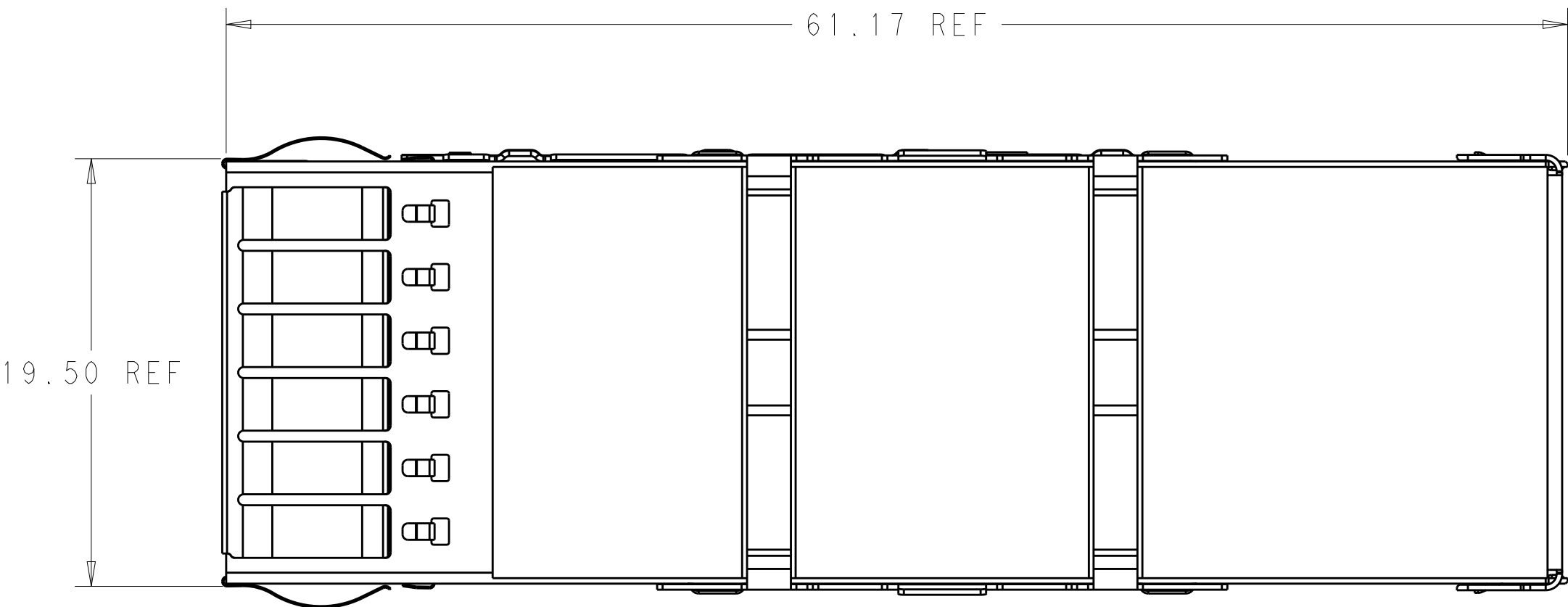
8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

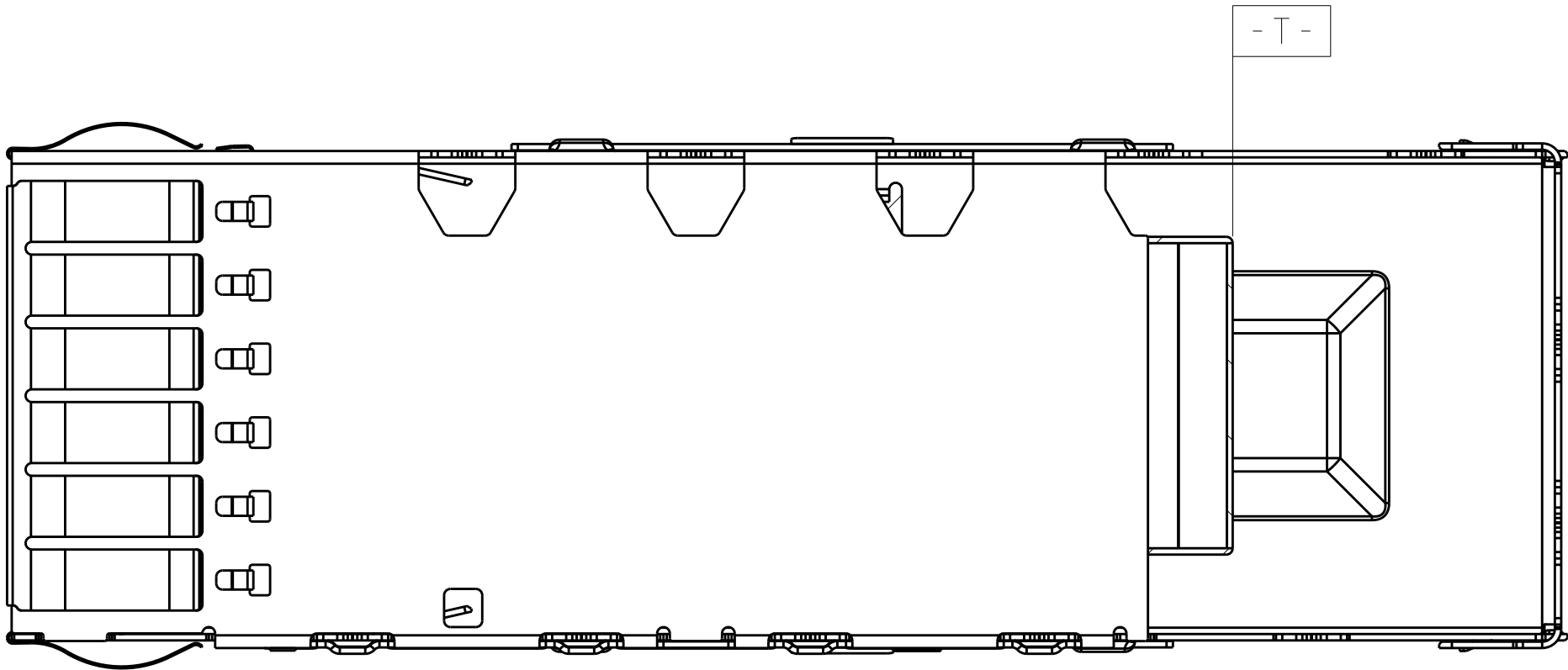
10. FINISH:
SPRING: NICKEL PLATING
HEAT SINK: ANODIZED BLACK
CAGE: 1.27um MIN. NICKEL PLATING OVERALL



2304807-1 AS SHOWN
SCALE 3:1



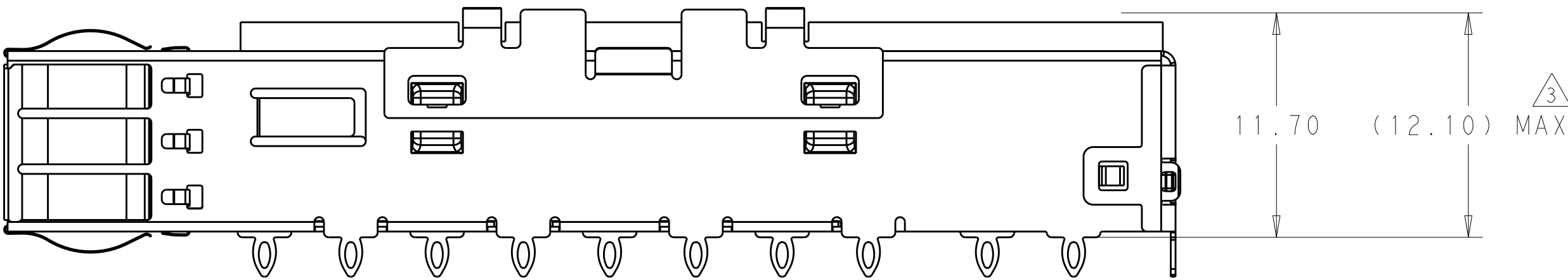
DETAIL A
SCALE 8:1



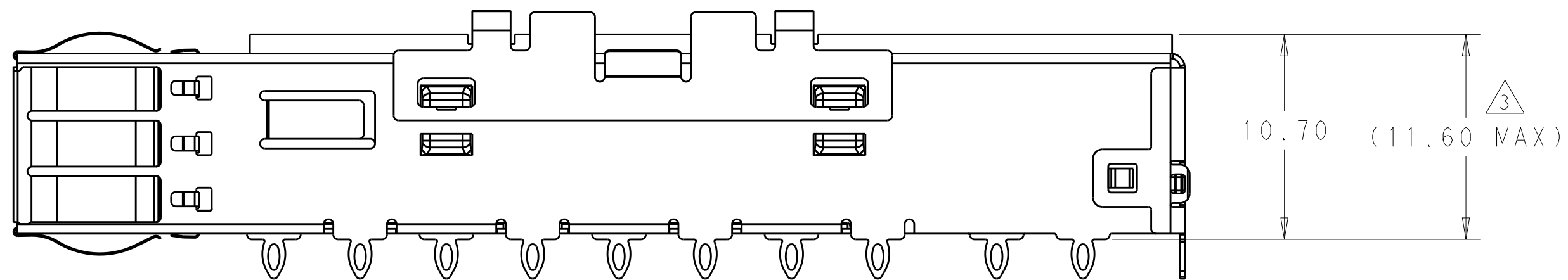
10	2	CUSTOMIZED	2304807-3
2	2	CUSTOMIZED	2304807-2
2	2	CUSTOMIZED	2304807-1
FINISH	# REAR PINS	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 05JUN2016	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: SEAN HAN 05JUN2016		
DIMENSIONS:		APVD: SEAN HAN 05JUN2016	NAME: CAGE ASSEMBLY, QSFP28 1X1 THRU BEZEL, WITH EMI SPRING FINGER FLAT HEAT SINK	
mm		PRODUCT SPEC		
0 PLC ±0.25		108-19428	SIZE: CAGE CODE DRAWING NO	
1 PLC ±0.25		APPLICATION SPEC		
2 PLC ±0.20		114-32023	A100779C=2304807	
3 PLC ±0.100		WEIGHT		
4 PLC ±		CUSTOMER DRAWING	SCALE 2:1 SHEET 1 OF 5 REV C	
ANGLES				
FINISH				

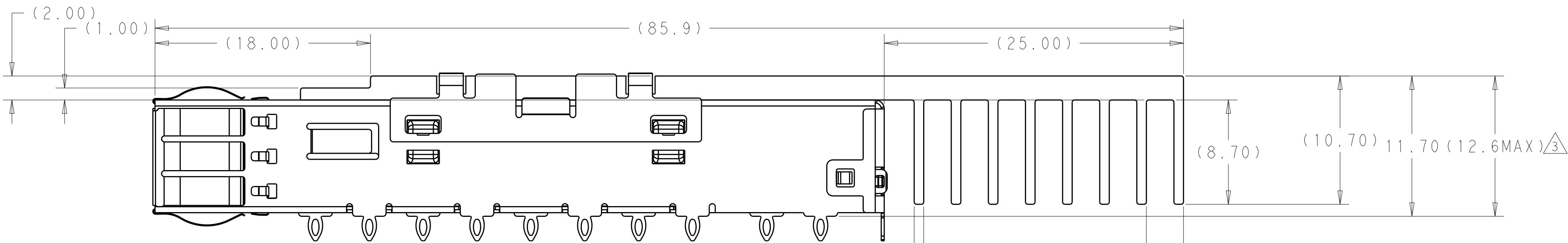
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



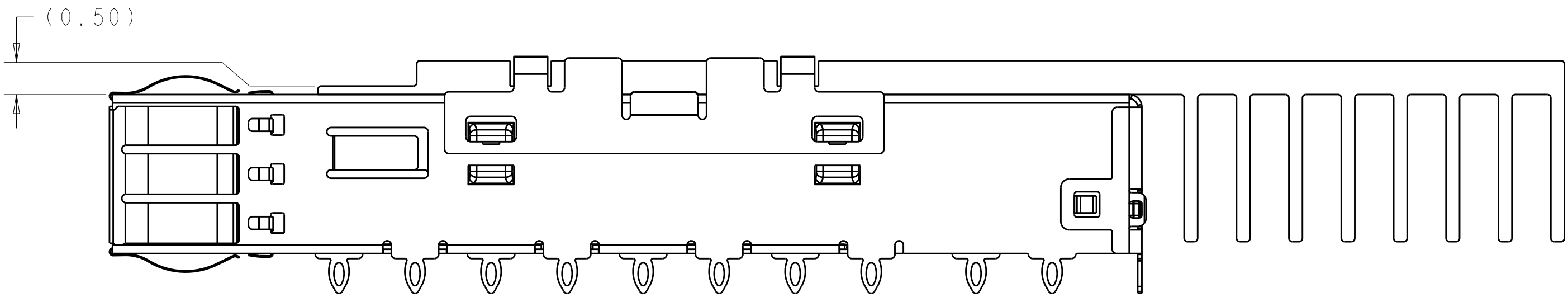
2304807-1 AS SHOWN
SCALE 4:1



2304807-2/-3 AS SHOWN
UNSPECIFIED DIMENSIONS ARE SAME AS 2304807-1
SCALE 4:1



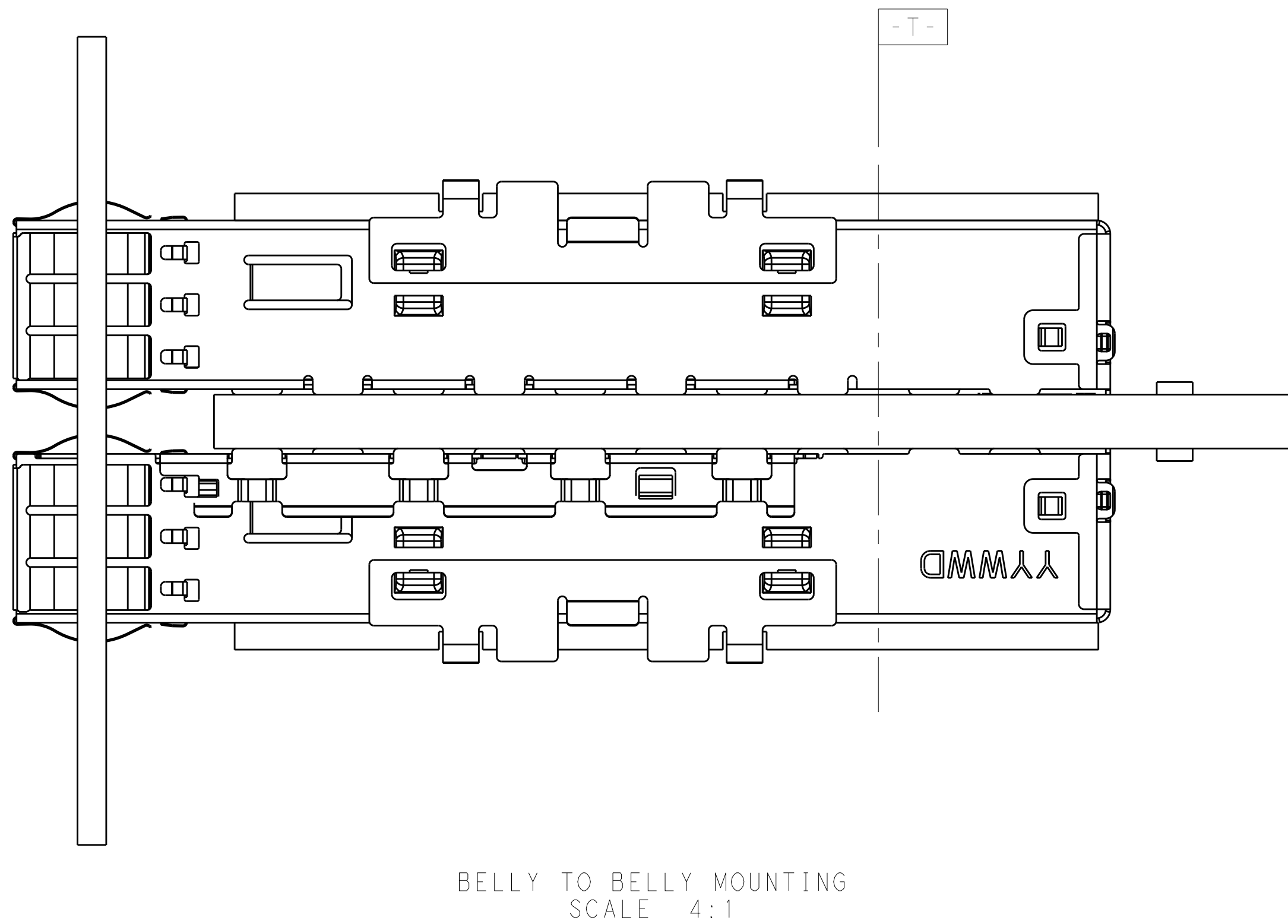
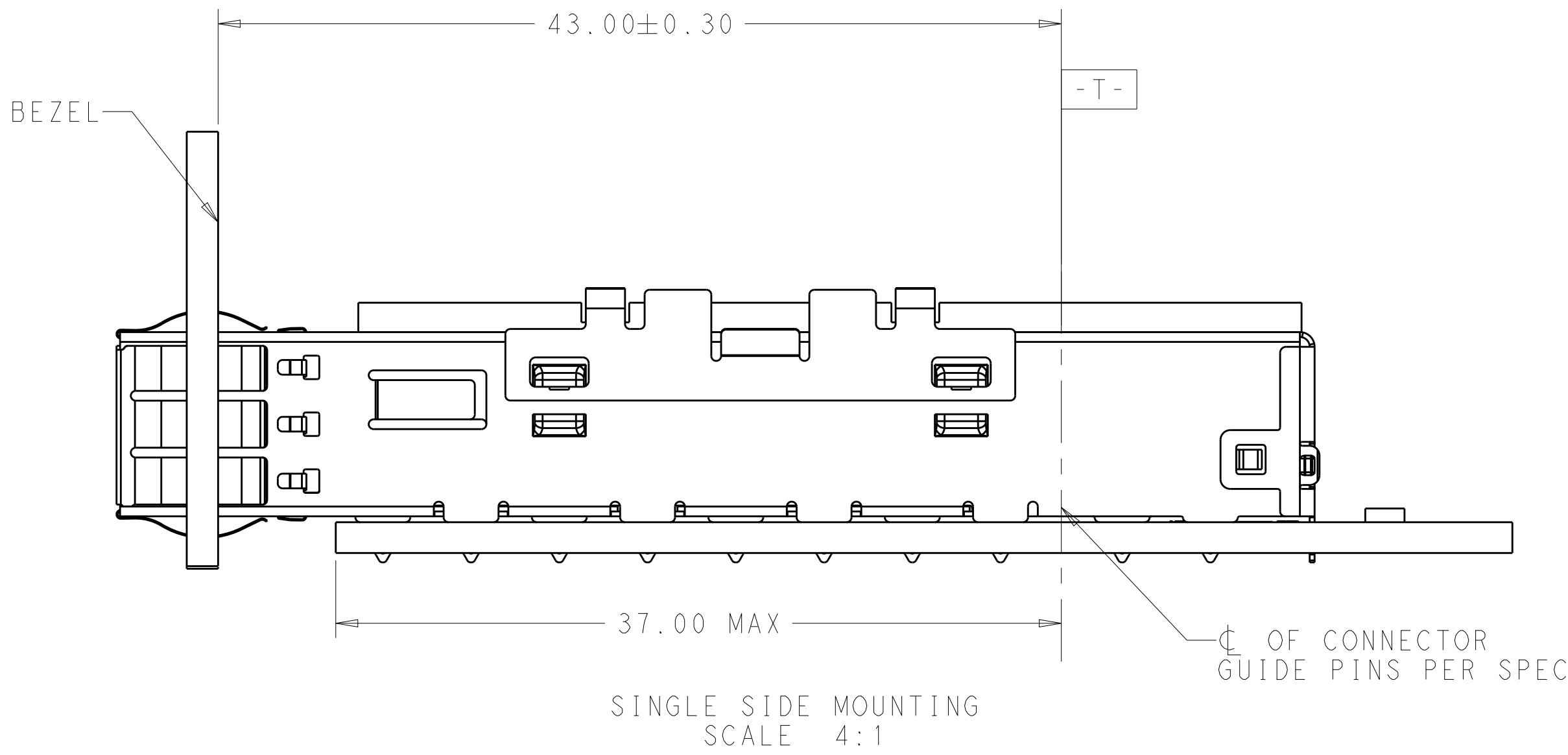
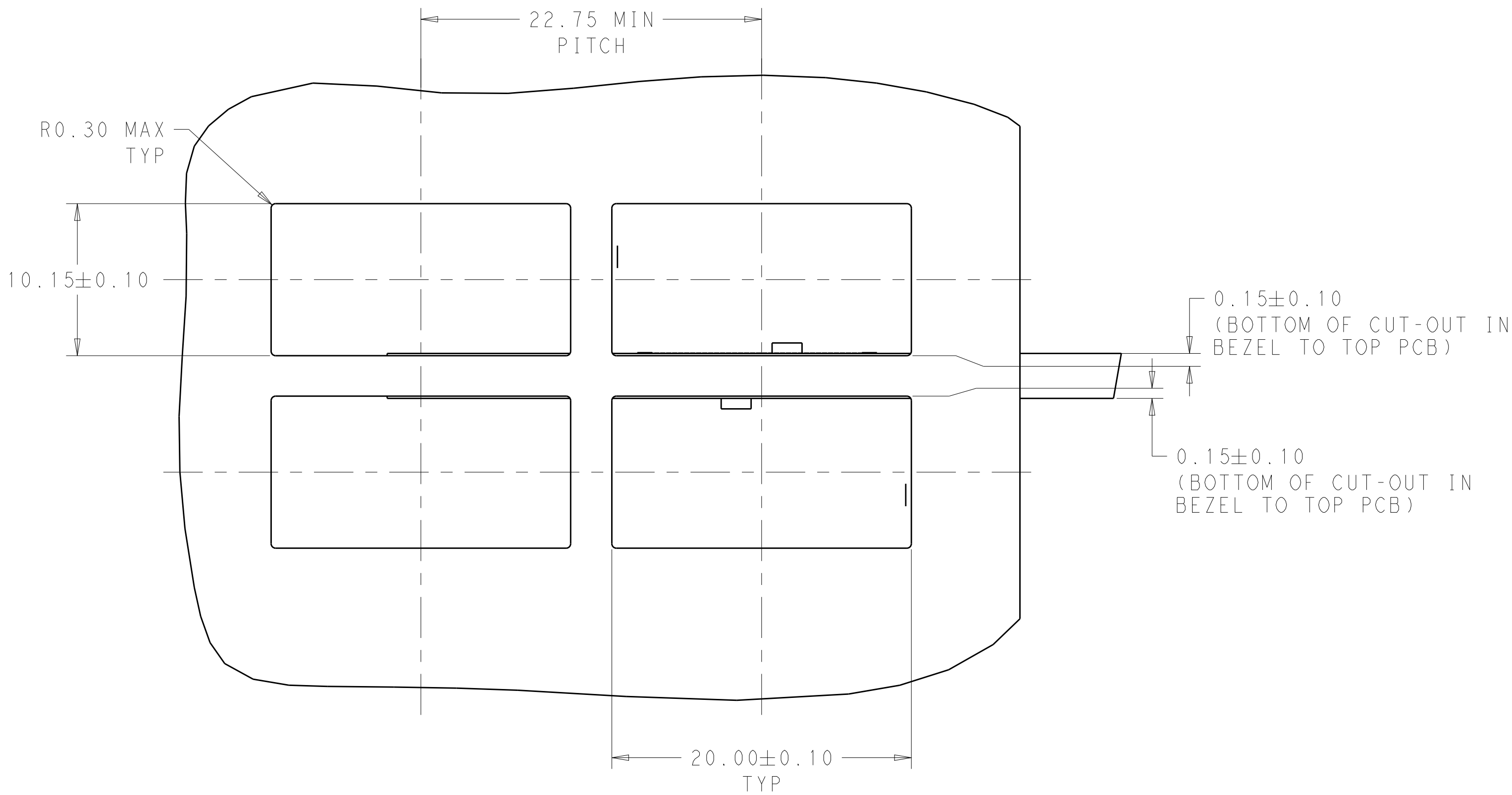
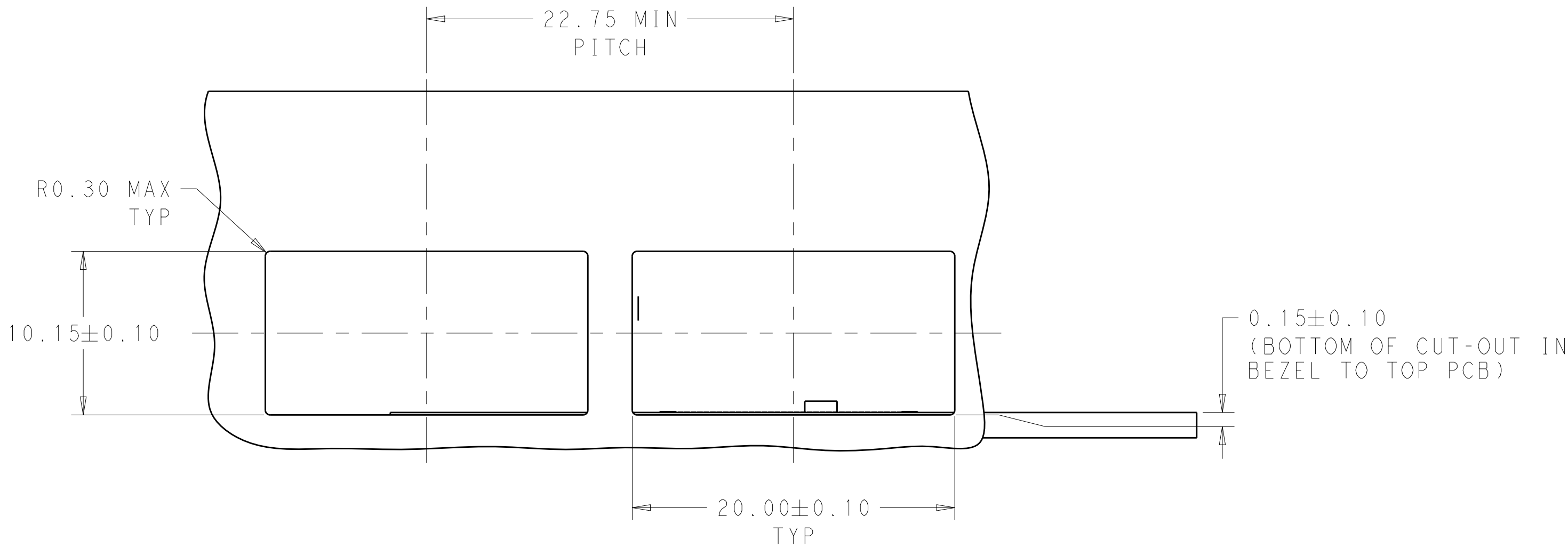
2304807-5 AS SHOWN
SCALE 4:1



2304807-6 AS SHOWN
UNSPECIFIED DIMENSIONS ARE SAME AS 2304807-5
SCALE 4:1

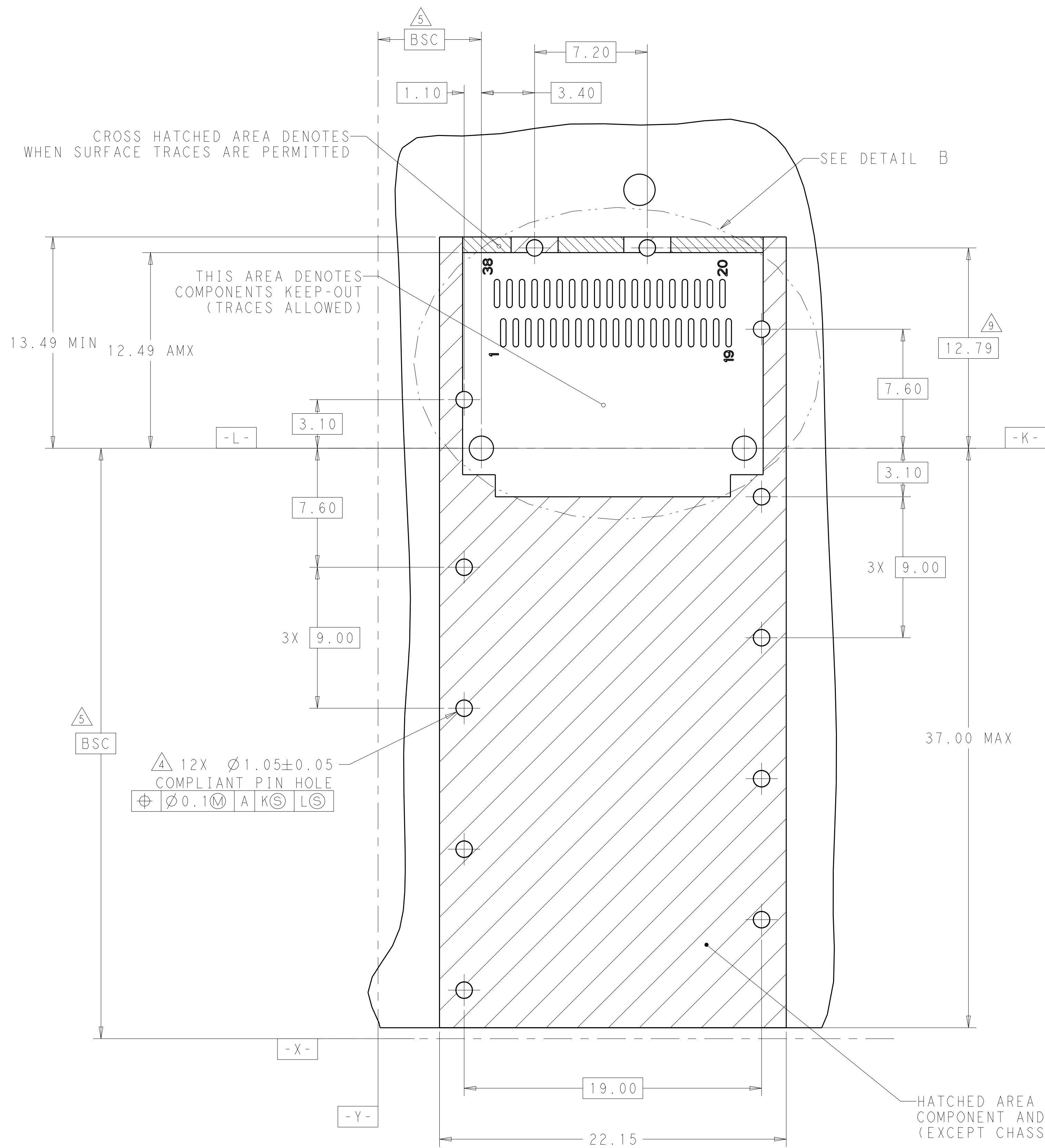
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 05JUN2016		
DIMENSIONS:		CHK: SEAN HAN 05JUN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 05JUN2016	NAME: CAGE ASSEMBLY, QSP28 1X1 THRU BEZEL, WITH EMI SPRING FINGER FLAT HEAT SINK	
	0 PLC ±0.25	PRODUCT SPEC	SIZE: A 00779 C=2304807	
	1 PLC ±0.25	108-19428	CAGE CODE DRAWING NO	
	2 PLC ±0.20	APPLICATION SPEC	RESTRICTED TO	
	3 PLC ±0.100	114-32023	SCALE 2:1 SHEET 2 OF 5 REV C	
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING	
-	-	-		
-	-	-		

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

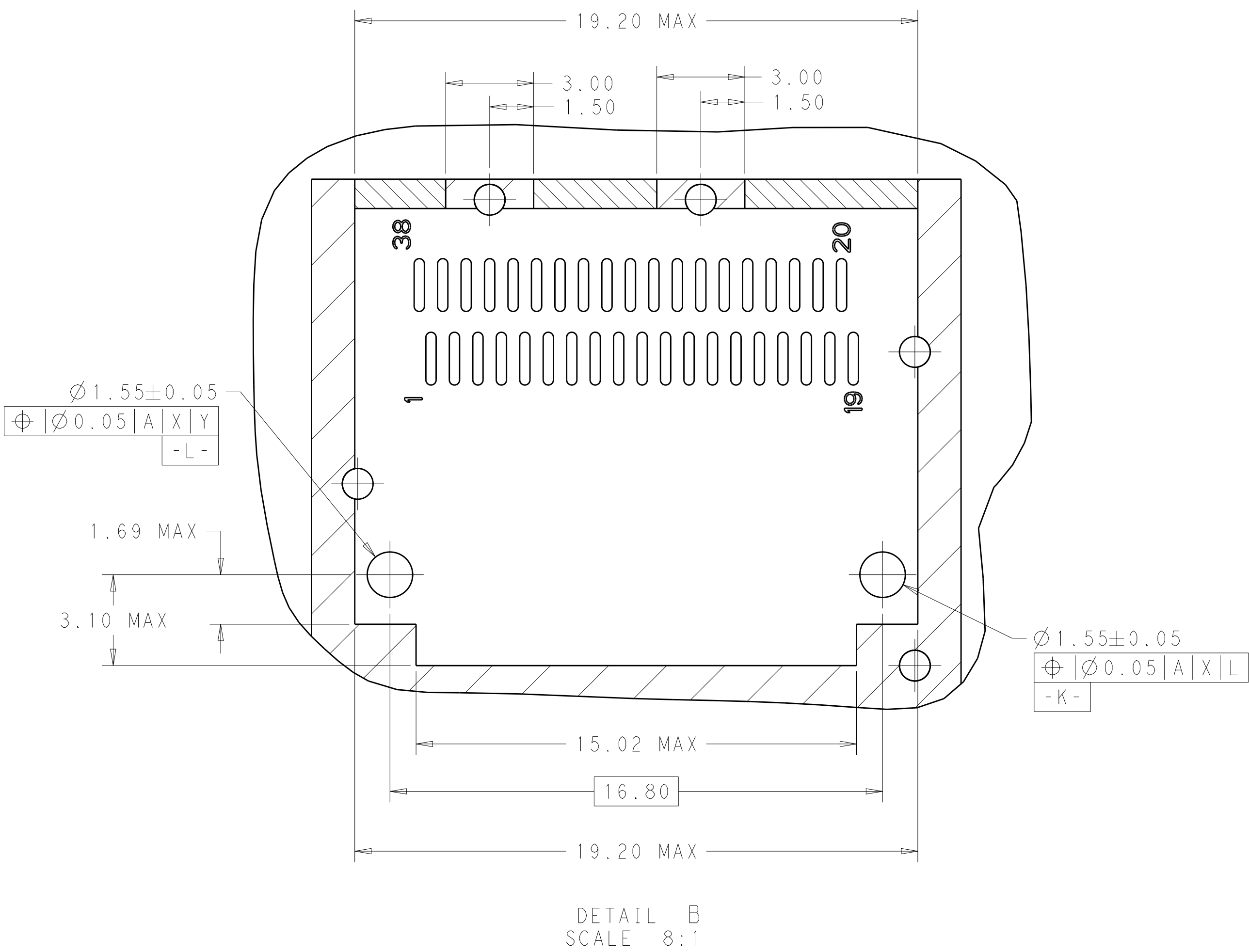


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: ARTHUR JIN 05JUN2016		
DIMENSIONS:		CHK: SEAN HAN 05JUN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 05JUN2016	NAME: CAGE ASSEMBLY, OSFP28 1X1 THRU BEZEL, WITH EMI SPRING FINGER FLAT HEAT SINK	
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.100 4 PLC ± ANGLES ±	PRODUCT SPEC: 108-19428 APPLICATION SPEC: 114-32023	SIZE: A 00779 CAGE CODE: 2304807	
MATERIAL: -	FINISH: -	WEIGHT: -	RESTRICTED TO: -	
CUSTOMER DRAWING		SCALE: 2:1	SHEET: 3 OF 5	REV: C

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



RECOMMENDED PCB LAYOUT
SINGLE TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ± 0.05
SCALE 6:1



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DIMENSIONS:		CHK: SEAN HAN 05JUN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD: SEAN HAN 05JUN2016	NAME: CAGE ASSEMBLY, QSP28 1X1 THRU BEZEL, WITH EMI SPRING FINGER FLAT HEAT SINK	
	0 PLC ± 0.25 1 PLC ± 0.25 2 PLC ± 0.20 3 PLC ± 0.100 4 PLC $\pm$	PRODUCT SPEC: 108-19428	SIZE: A	
MATERIAL: -	FINISH: -	APPLICATION SPEC: 114-32023	CAGE CODE: 00779	
-	-	WEIGHT: -	DRAWING NO: C=2304807	
CUSTOMER DRAWING		SCALE: 2:1		SHEET 4 OF 5 REV C

REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN
-	-	SEE SHEET 1	-	-

CROSS HATCHED AREA DENOTES WHEN SURFACE TRACES ARE PERMITTED

THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

SEE DETAIL C

12.49 MAX 13.49 MIN

37.00 MAX

24X Ø1.05±0.05 COMPLIANT PIN HOLE
Ø0.1 A K L

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

RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
PCB TOLERANCE: ±0.05
SCALE 6:1

Ø1.55±0.05
Ø0.05 A X Y
-L-

1.69 MAX

3.10 MAX

Ø1.55±0.05
Ø0.05 A X L
-K-

DETAIL C
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: ARTHUR JIN 05JUN2016	 TE Connectivity
DIMENSIONS:		CHK: SEAN HAN 05JUN2016	
mm		APVD: SEAN HAN 05JUN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
0 PLC ±0.25		108-19428	NAME: CAGE ASSEMBLY, QSP28 1X1 THRU BEZEL, WITH EMI SPRING FINGER FLAT HEAT SINK
1 PLC ±0.25		APPLICATION SPEC	
2 PLC ±0.20		114-32023	
3 PLC ±0.100		WEIGHT	
4 PLC ±		CUSTOMER DRAWING	SIZE: A 00779 C=2304807
ANGLES FINISH		SCALE 2:1	
MATERIAL		SHEET 5 OF 5	
		REV C	