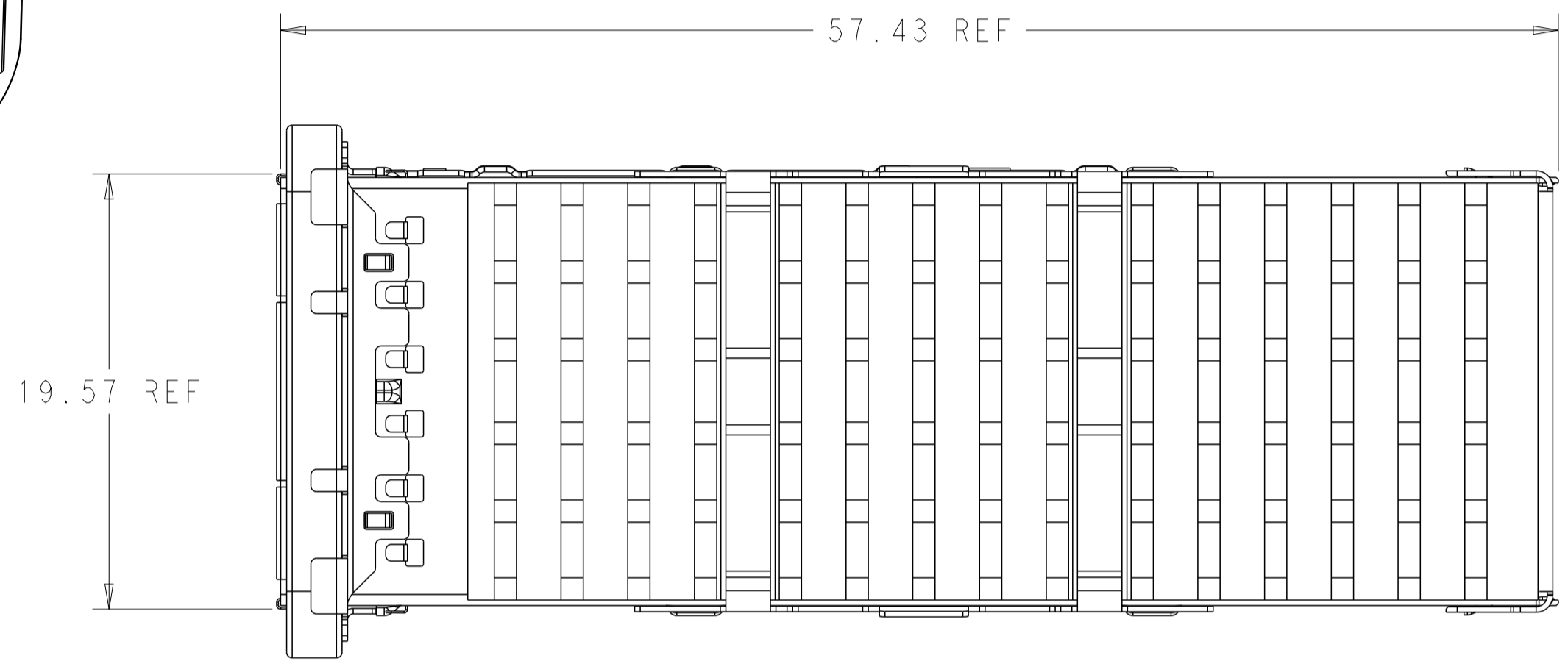
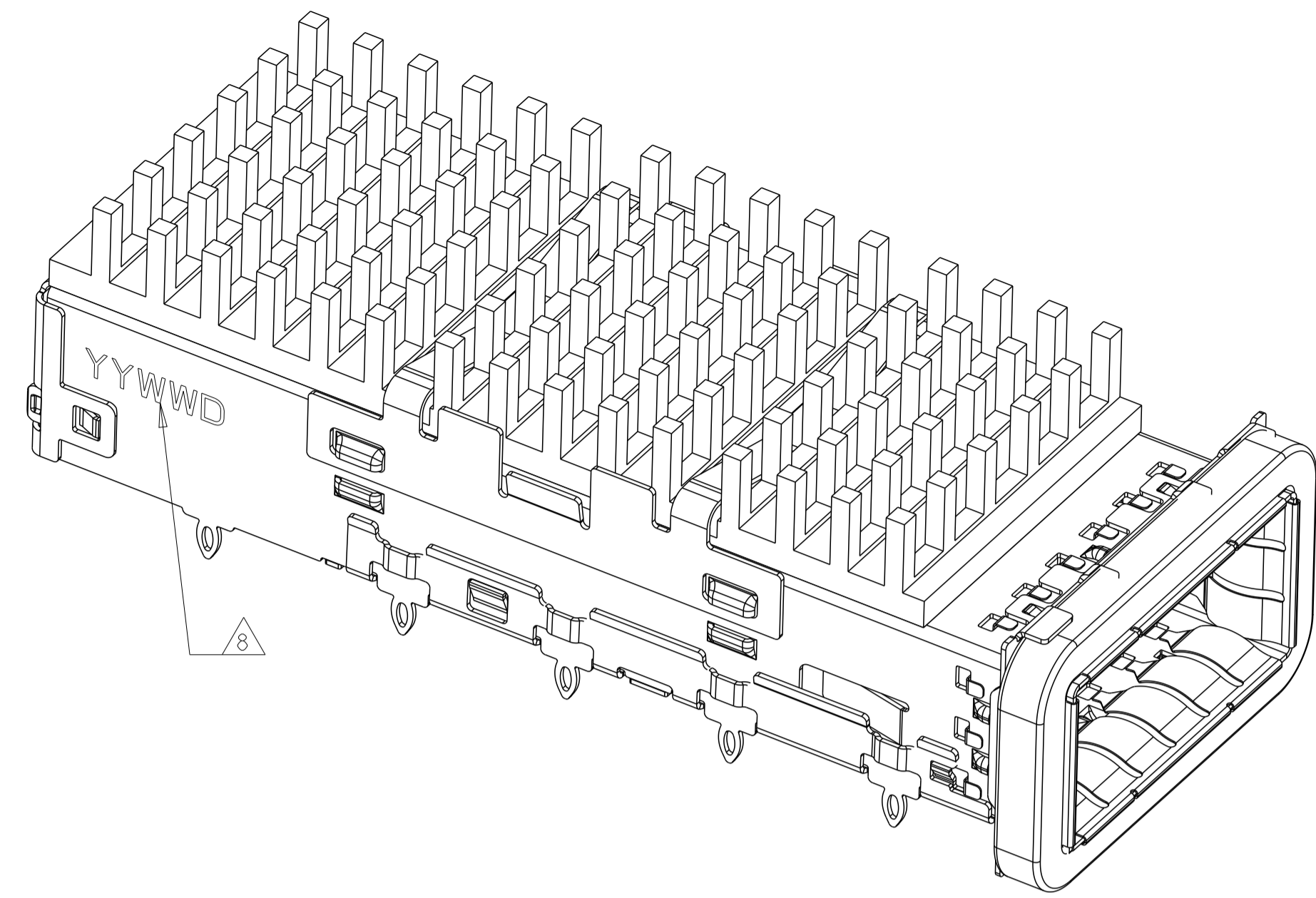


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
A		RELEASE	30DEC2015	JY	SH		
A1		REVISED PER ECN-22-163746	11JUL2022	IT	SZ		



1. MATERIAL:
 CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
 SPRING MATERIAL: COPPER ALLOY
 HEAT SINK MATERIAL: ALUMINUM
 CLIP MATERIAL: STAINLESS STEEL
 EMI GASKET: PLATED FILLED SILICONE

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

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.

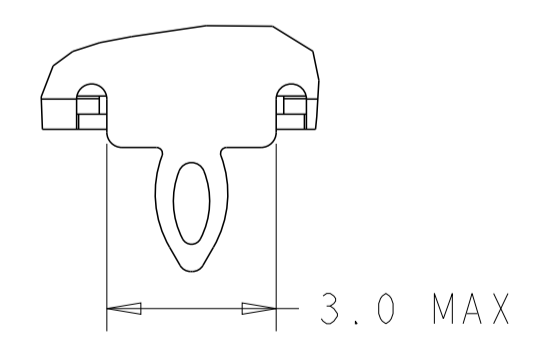
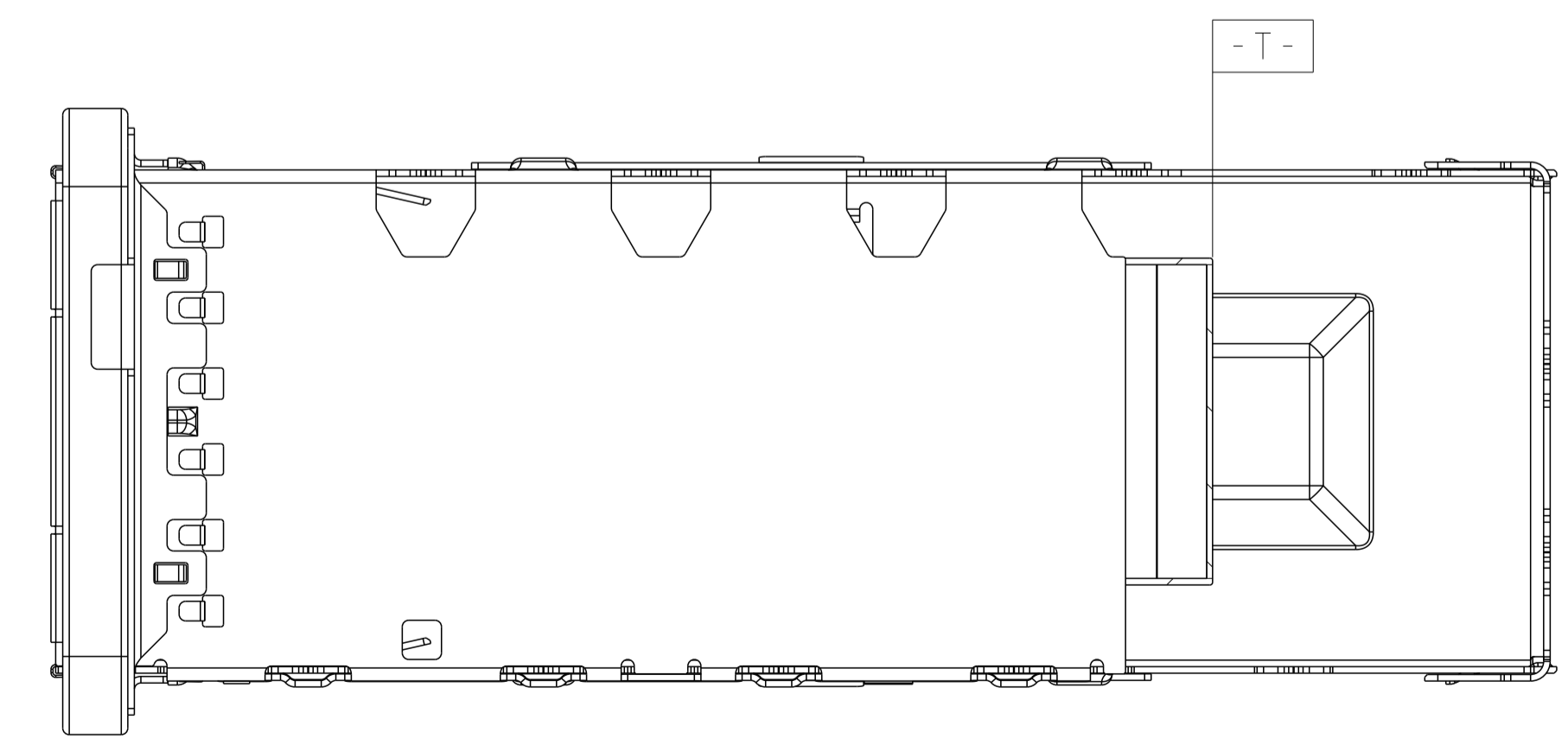
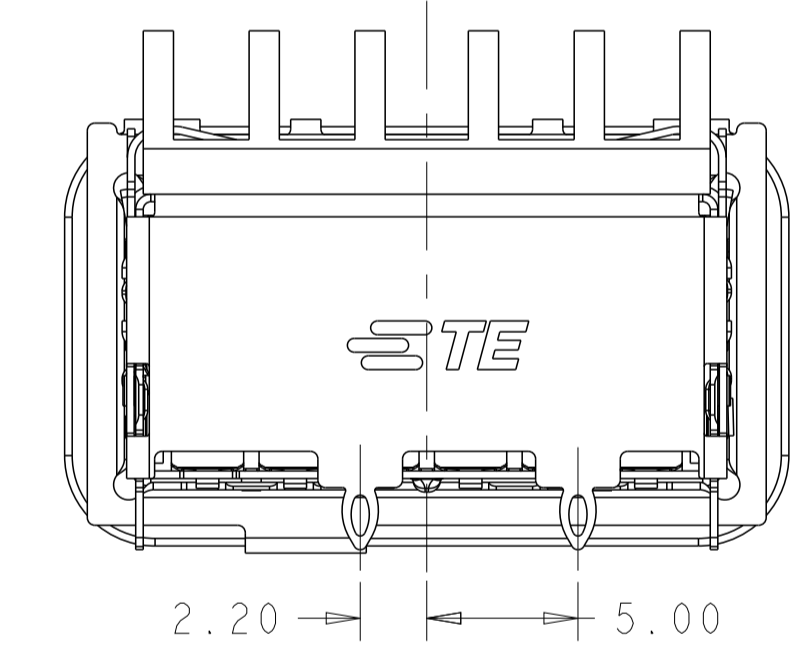
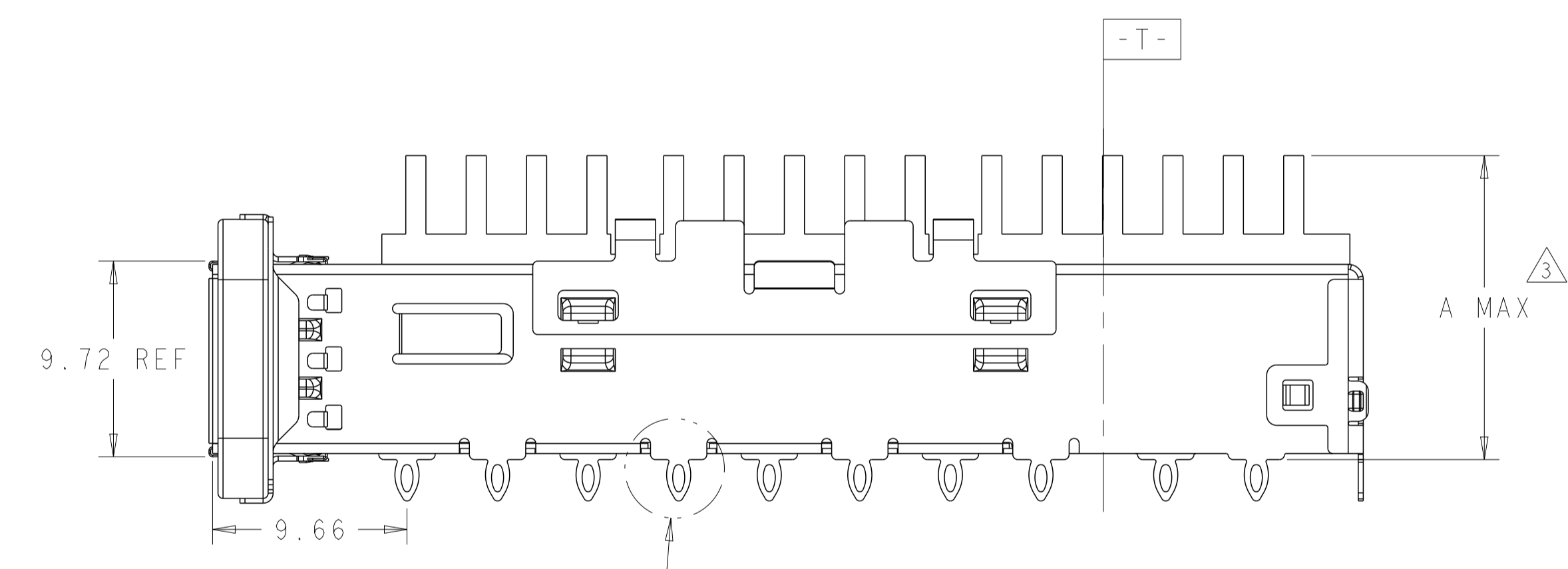
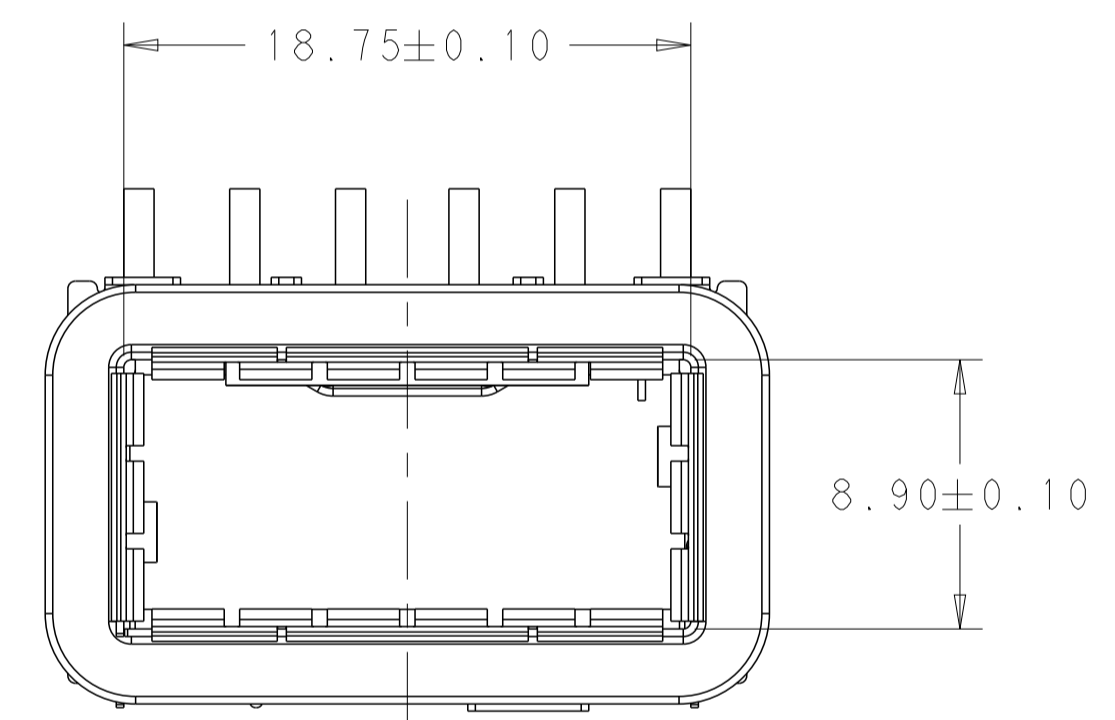
5. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.

6. MINIMUM PC BOARD THICKNESS :
 SINGLES SIDED: 1.57 MIN
 DOUBLE SIDED: 3.00 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.



DETAIL A
SCALE 8:1

23.0	1	NETWORKING	2170753-9
16.0	1	SAN	2170753-8
13.7	1	PCI	2170753-7
23.0	0	NETWORKING	2170753-6
16.0	0	SAN	2170753-5
13.7	0	PCI	2170753-4
23.0	2	NETWORKING	2170753-3
16.0	2	SAN	2170753-2
13.7	2	PCI	2170753-1
DIM A	# REAR PINS	APPLICATION	PART NUMBER

2170753-2 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT. DWG: JASON YANG 01APR2014
 CHK: SEAN HAN 30DEC2015
 APVD: -

DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±0.25
 1 PLC ±0.25
 2 PLC ±0.25
 3 PLC ±0.25
 4 PLC ±0.100
 ANGLES ±°
 FINISH ±

MATERIAL: -
 FINISH: -

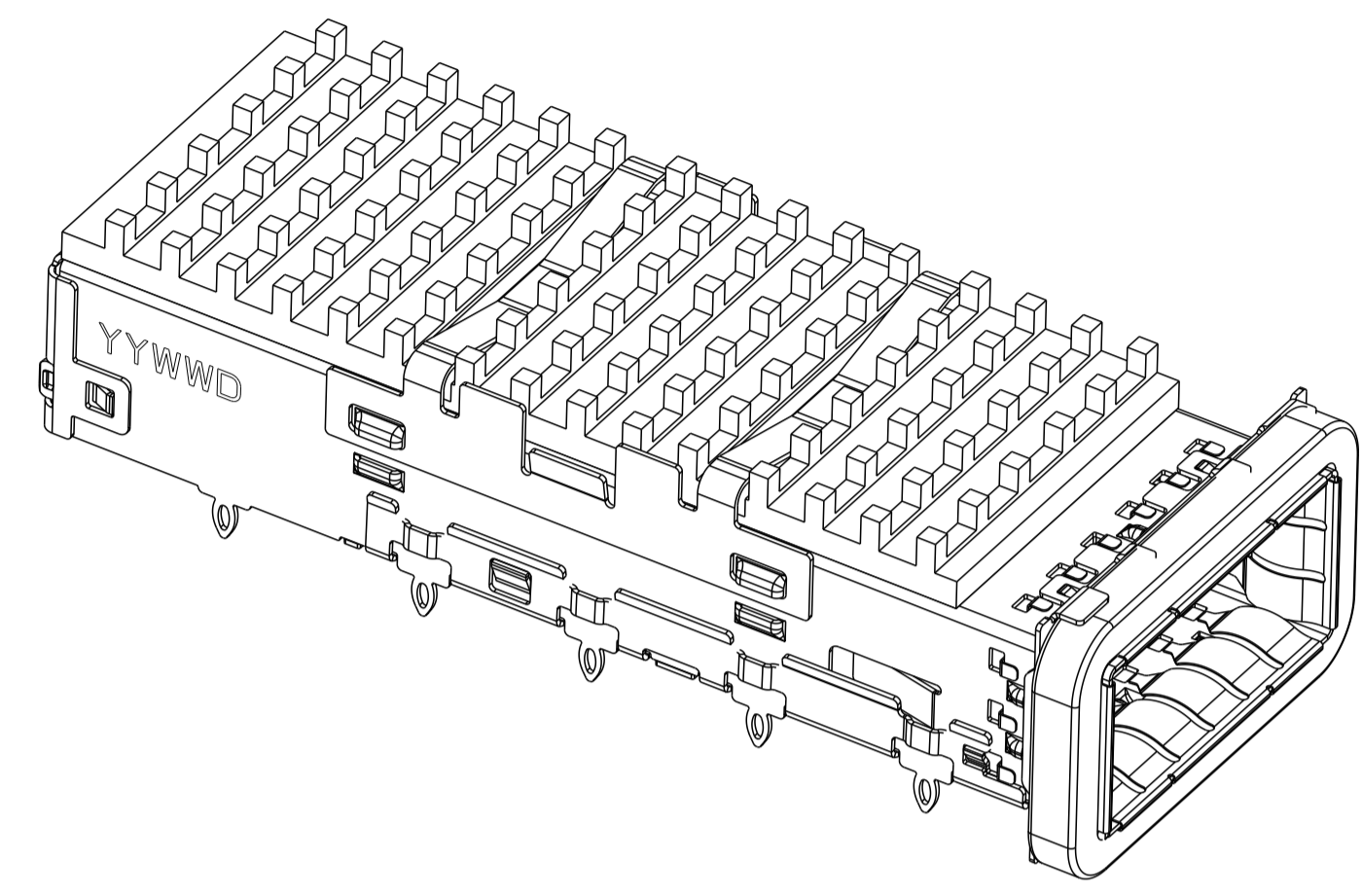
PRODUCT SPEC: 108-19428
 APPLICATION SPEC: 114-32023
 WEIGHT: -
 CUSTOMER DRAWING

NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK
 SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 2170753
 RESTRICTED TO: -

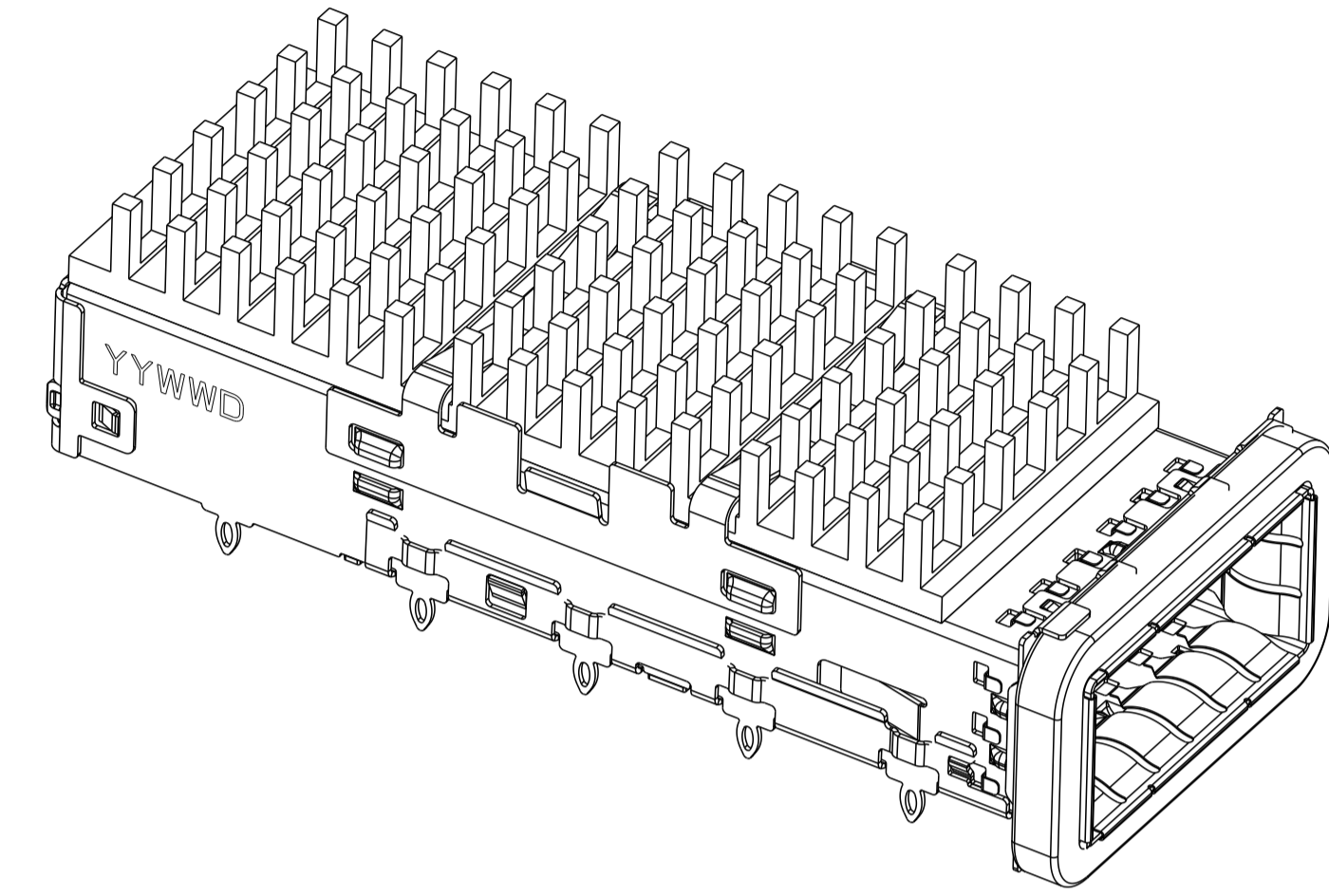
SCALE: 2:1
 SHEET: 1 OF 5
 REV: A1

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD
rev_sym_1	16E6_8H6E111		rev_date1	y	dwn_apppr_1
rev_sym_2	rev_desc_2		rev_date2	y	dwn_apppr_2
rev_sym_3	rev_desc_3		rev_date3	y	dwn_apppr_3
rev_sym_4	rev_desc_4		rev_date4	y	dwn_apppr_4

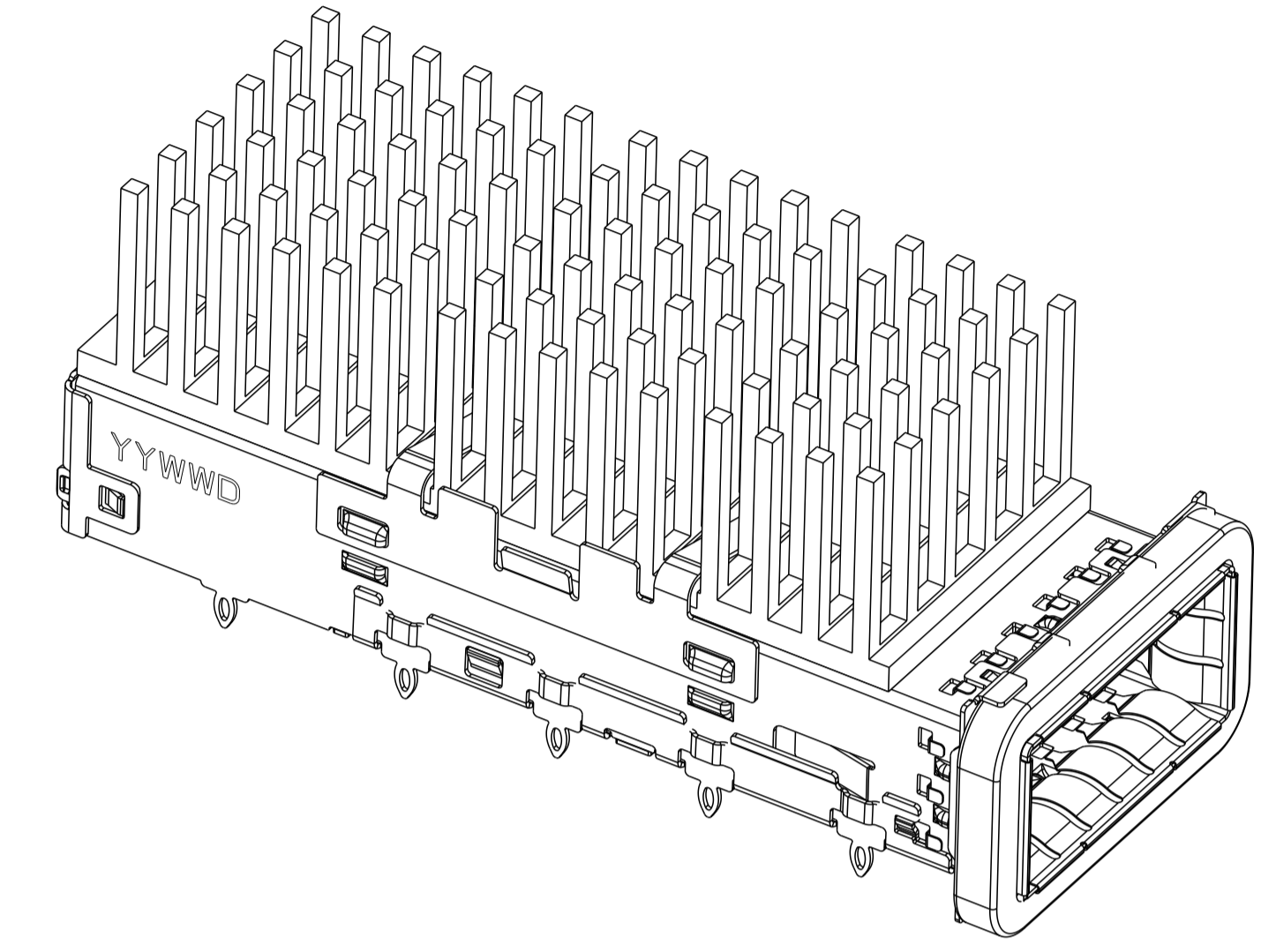
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 3:1

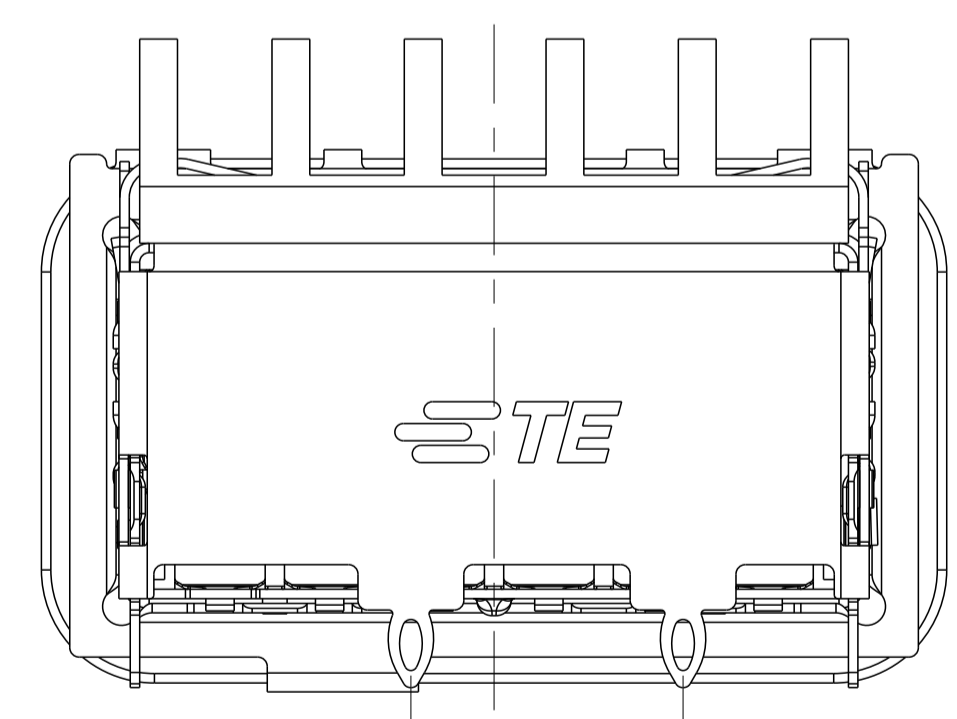


SAN HEAT SINK
SCALE 3:1

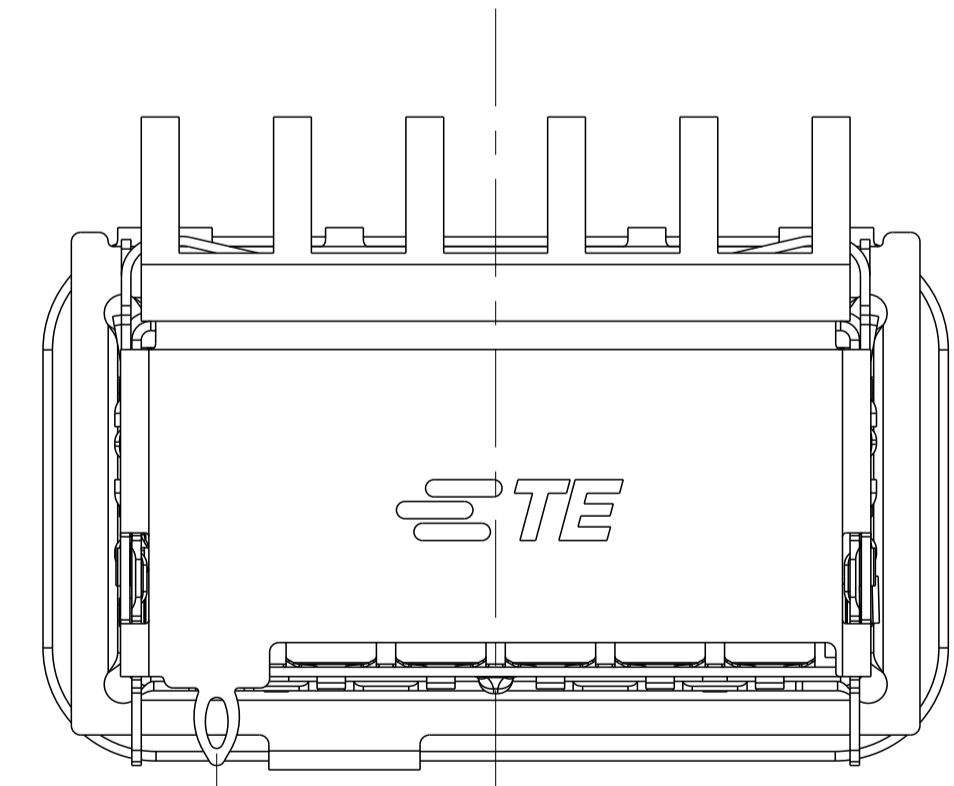


NETWORKING HEAT SINK
SCALE 3:1

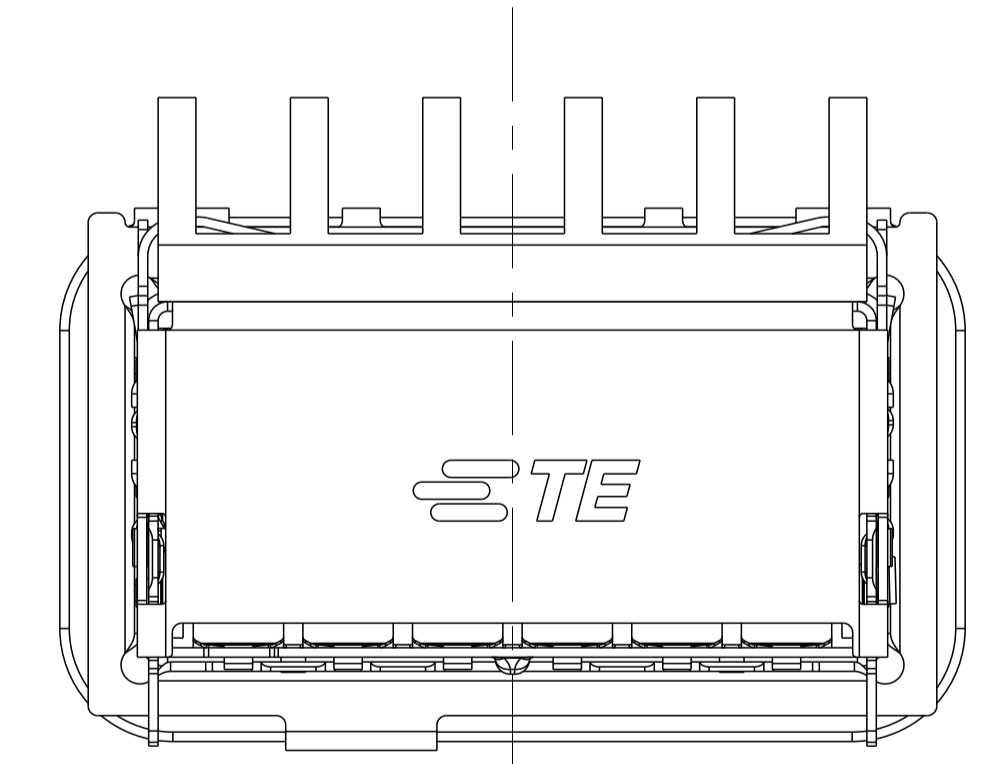
OF REAR LEGS OPTIONS




2 REAR LEGS
SCALE 5:1



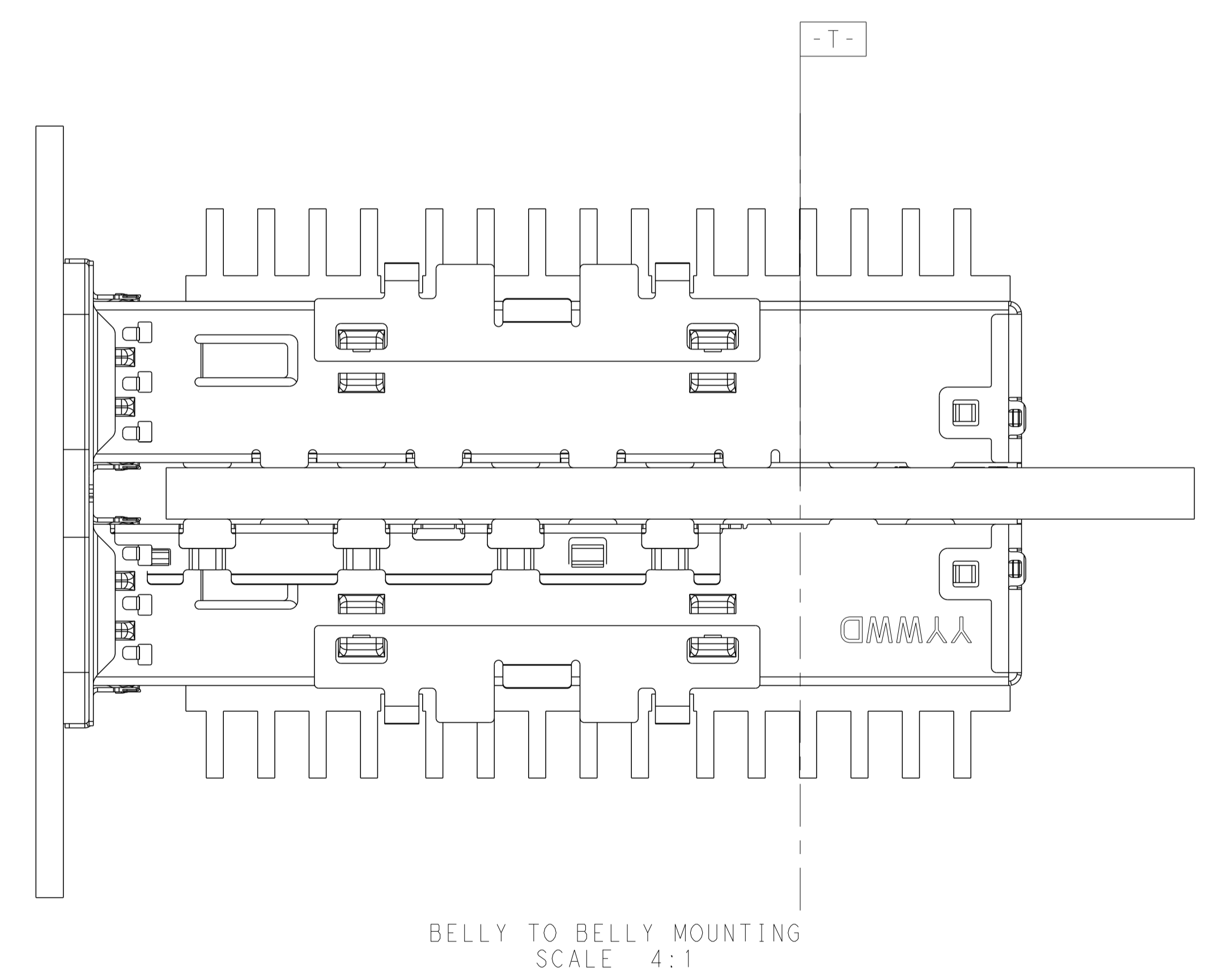
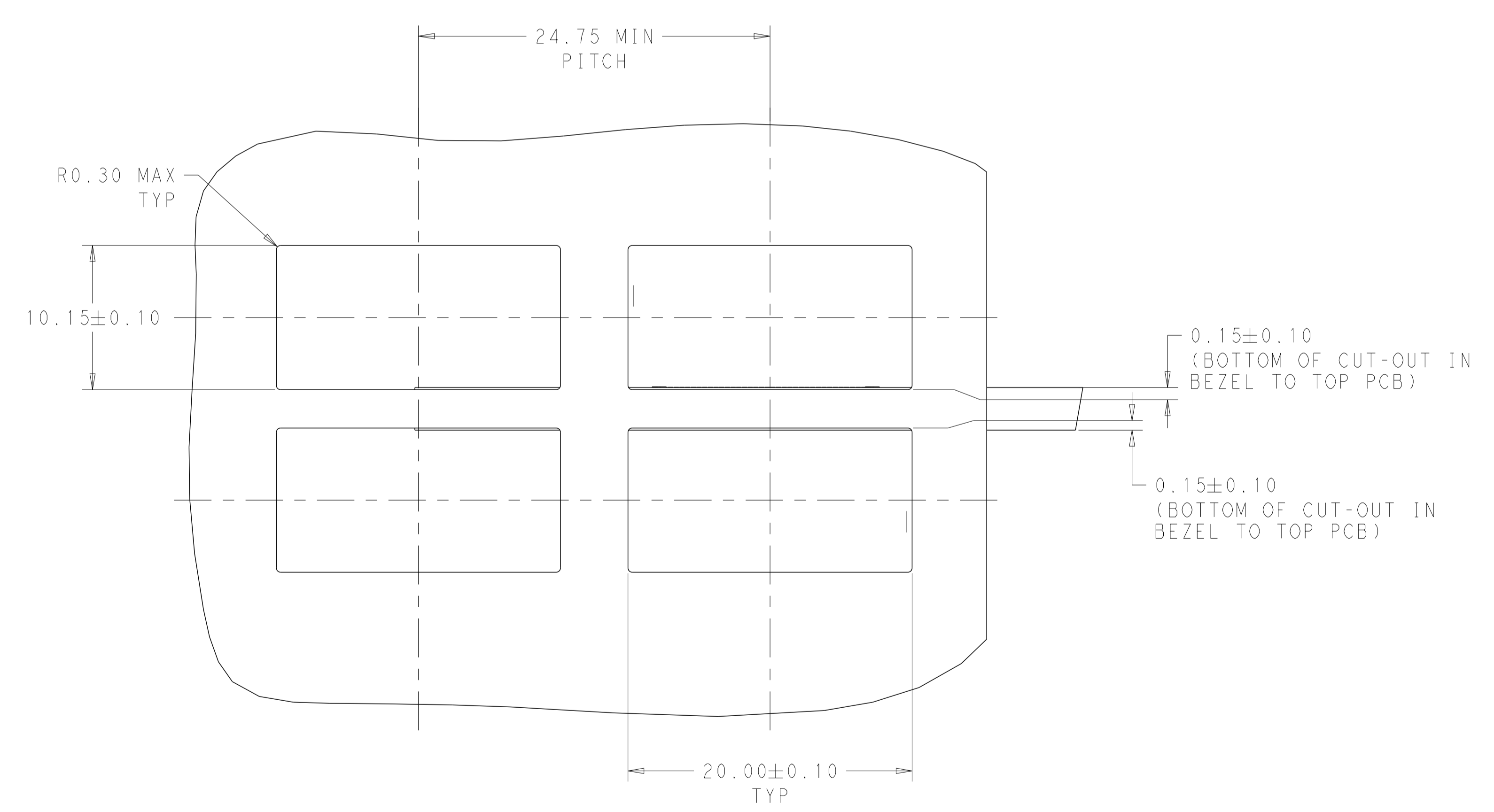
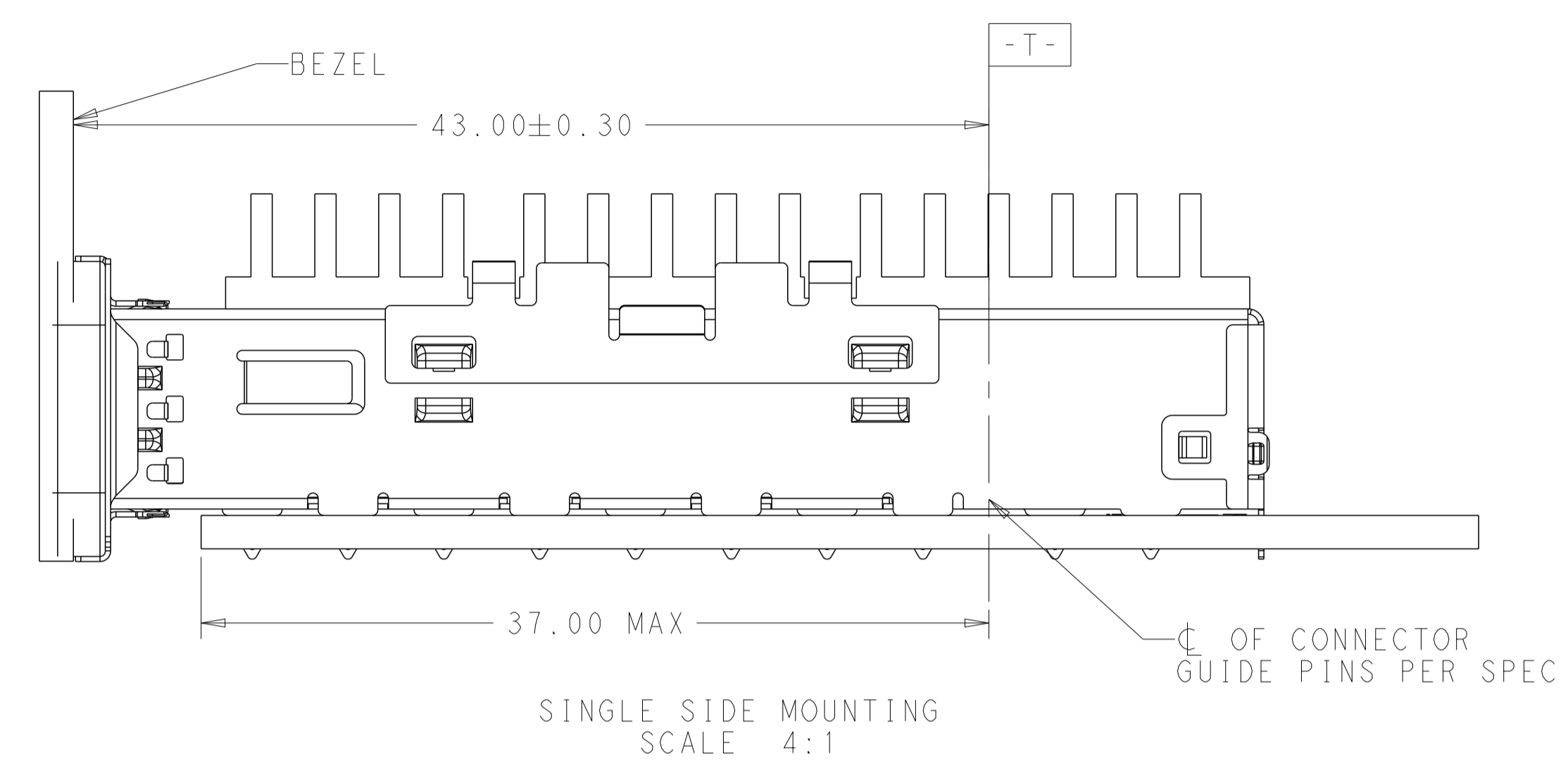
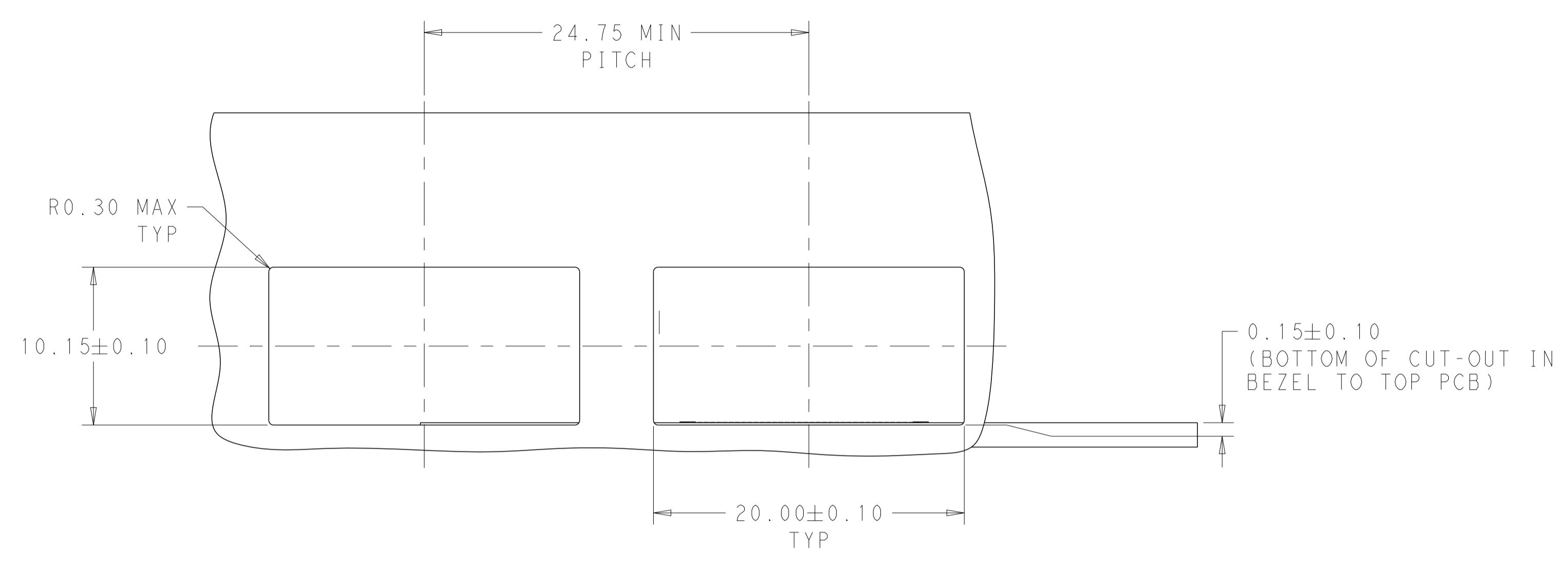
1 REAR LEG
SCALE 5:1



0 REAR LEG
SCALE 5:1

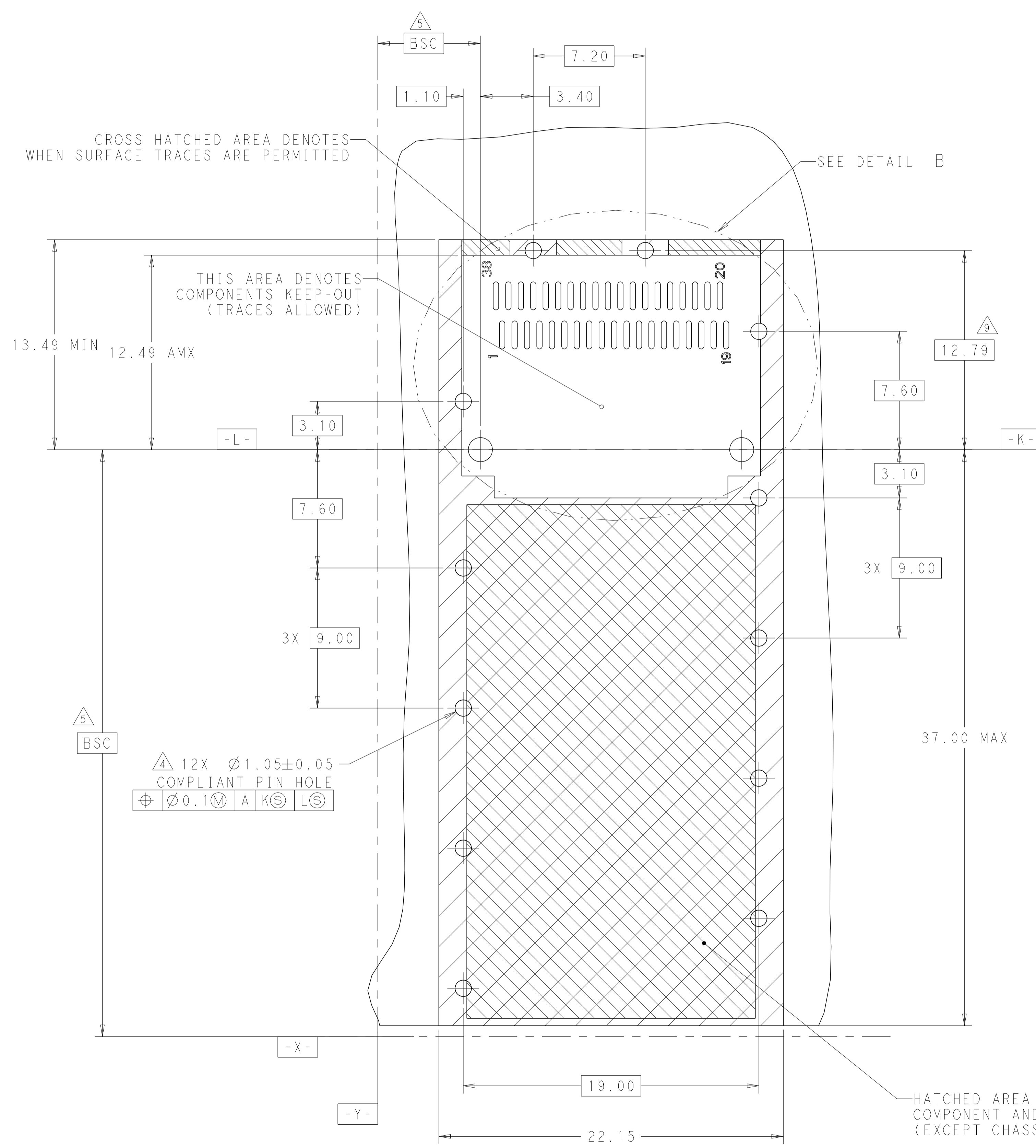
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 01APR2014	 TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC: 108-19428	
mm		APPLICATION SPEC: 114-32023	
0 PLC ±0.25		SIZE: A1	
1 PLC ±0.25		CAGE CODE: 00779	
2 PLC ±0.25		DRAWING NO: 2170753	
3 PLC ±0.25		RESTRICTED TO: -	
4 PLC ±0.100		SCALE: 4:1	
ANGLES ±°		SHEET: 2 OF 5	
FINISH: -		REV: A1	
MATERIAL: -		Customer Drawing	

LOC	DIST	REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD
rev_sym_1	18E6_8H6E111		rev.date	rev.dwn	rev.appr
rev_sym_2	rev_desc_2		rev.date	rev.dwn	rev.appr
rev_sym_3	rev_desc_3		rev.date	rev.dwn	rev.appr
rev_sym_4	rev_desc_4		rev.date	rev.dwn	rev.appr

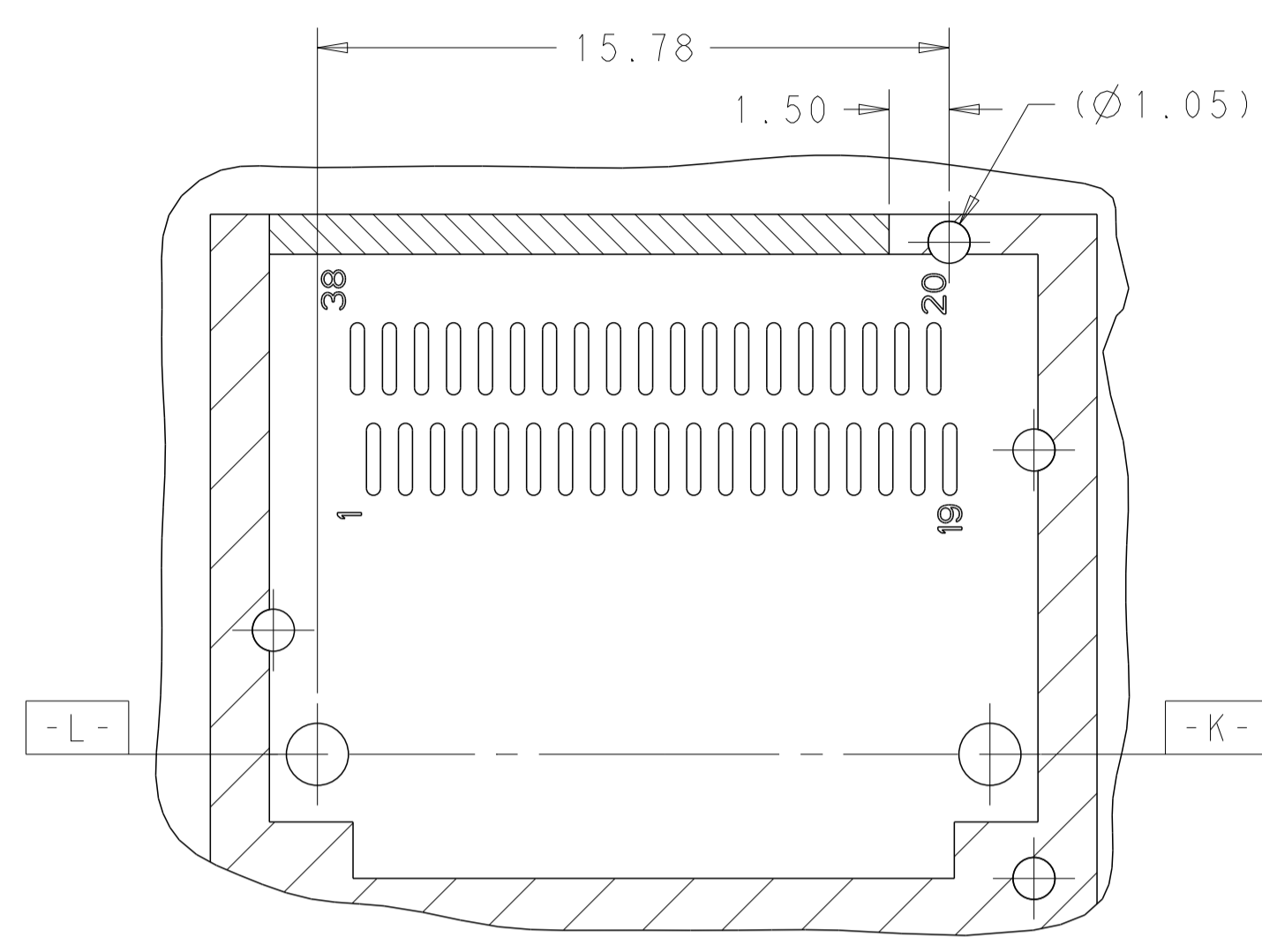


THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: JASON YANG 01APR2014	TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC: 108-19428	
0 PLC ±0.25		APPLICATION SPEC: 114-32023	
1 PLC ±0.25		SIZE: A100779C=2170753	
2 PLC ±0.20		CAGE CODE: 114-32023	
3 PLC ±0.100		DRAWING NO: 2170753	
4 PLC ±		RESTRICTED TO: -	
ANGLES ±°		WEIGHT: -	
FINISH ±		Customer Drawing	
MATERIAL: -		SCALE: 4:1	
FINISH: -		SHEET: 3 OF 5	
		REV: A1	

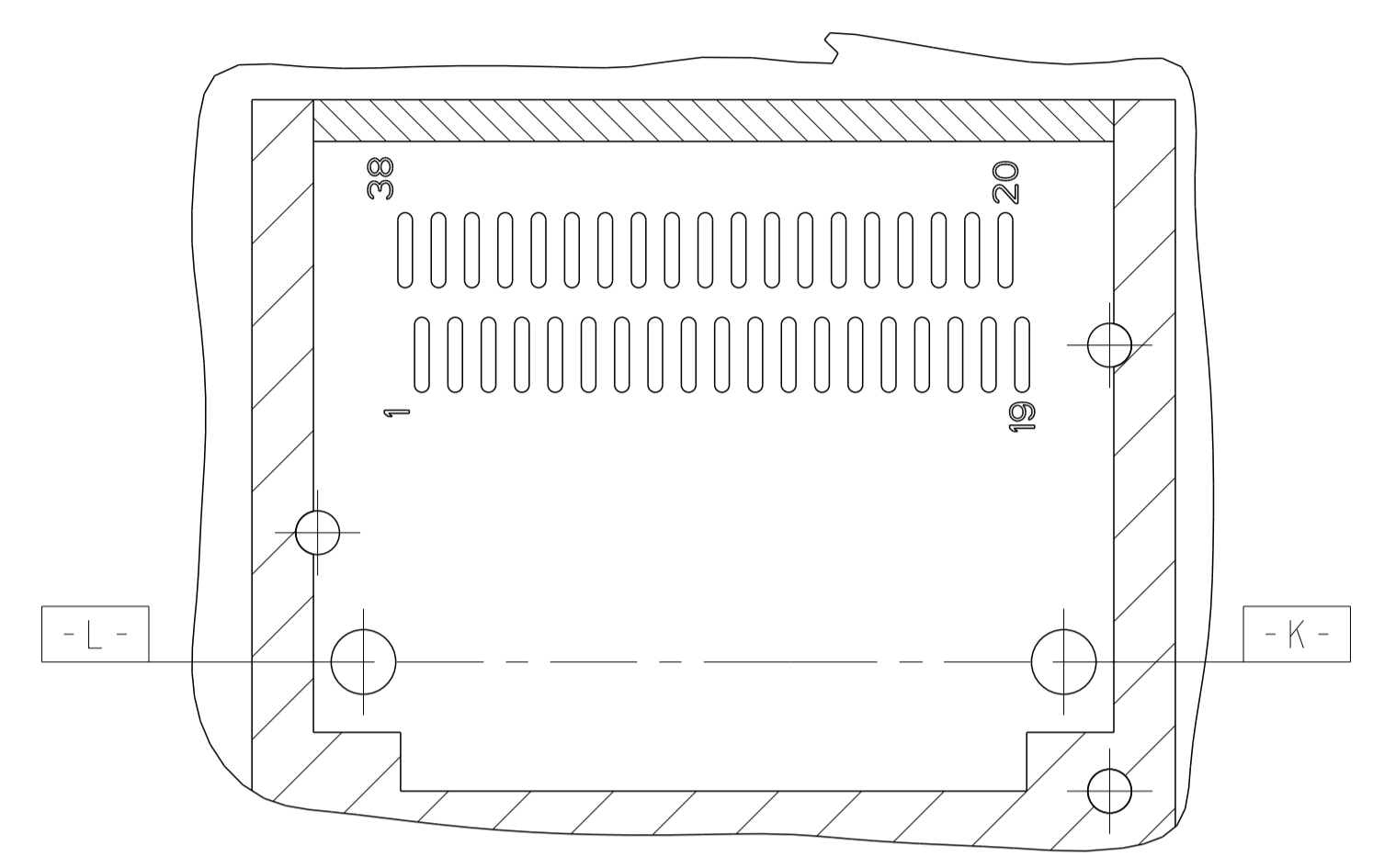
LOC	DIST	REVISIONS	DATE	DWN	APVD
		rev_sym_1866_8H6E111		rev_defect	dmv_bppr_1
		rev_sym_2rev_desc_2		rev_defect	dmv_bppr_2
		rev_sym_3rev_desc_3		rev_defect	dmv_bppr_3
		rev_sym_4rev_desc_4		rev_defect	dmv_bppr_4



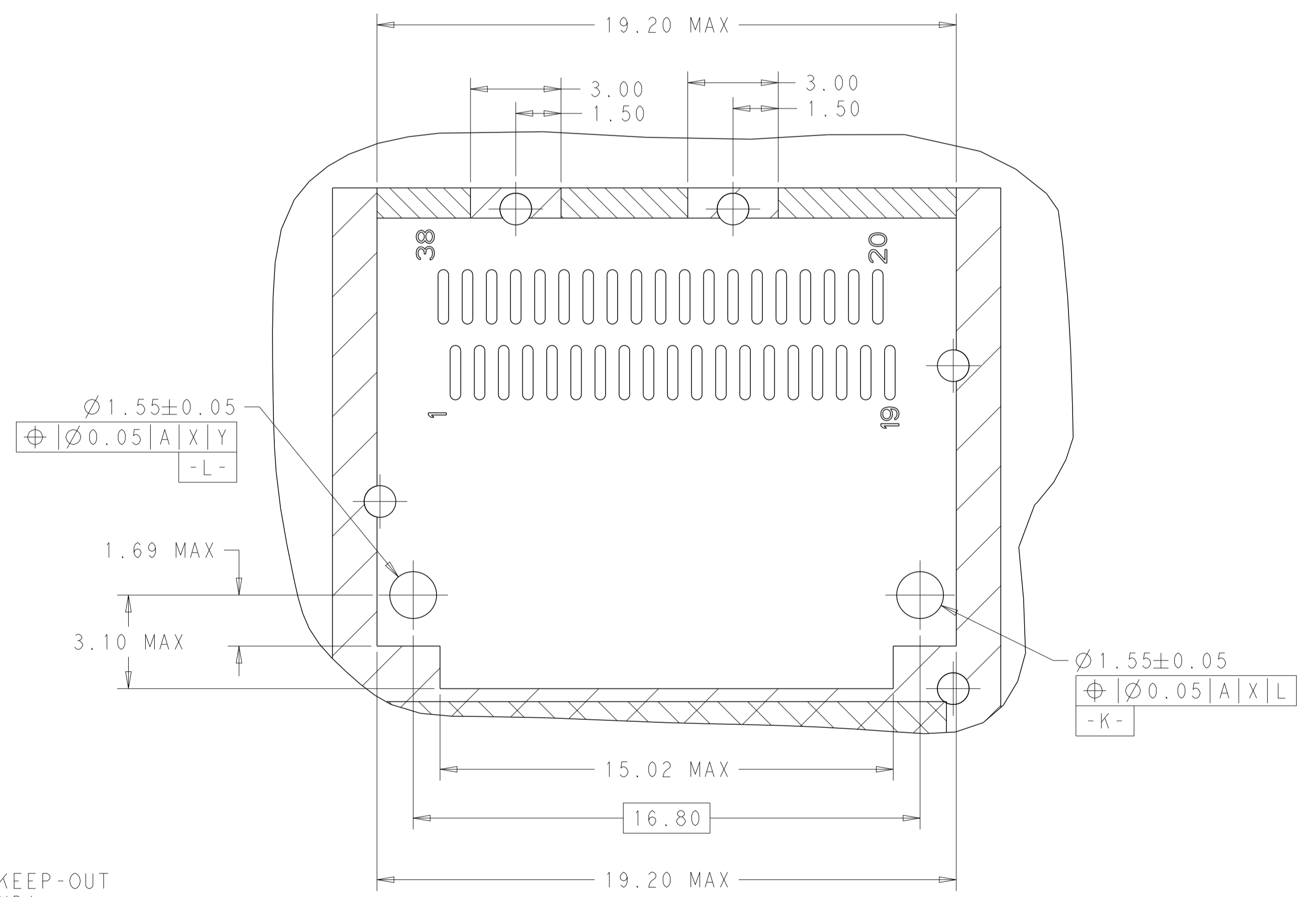
RECOMMENDED PCB LAYOUT
 SINGLE TYPE OF 2 REAR HOLES OF LEGS
 PCB TOLERANCE: ± 0.05
 SCALE 6:1



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



RECOMMENDED PCB LAYOUT
 SINGLE TYPE OF 0 REAR HOLES OF LEGS
 PCB TOLERANCE: ± 0.05
 SCALE 6:1

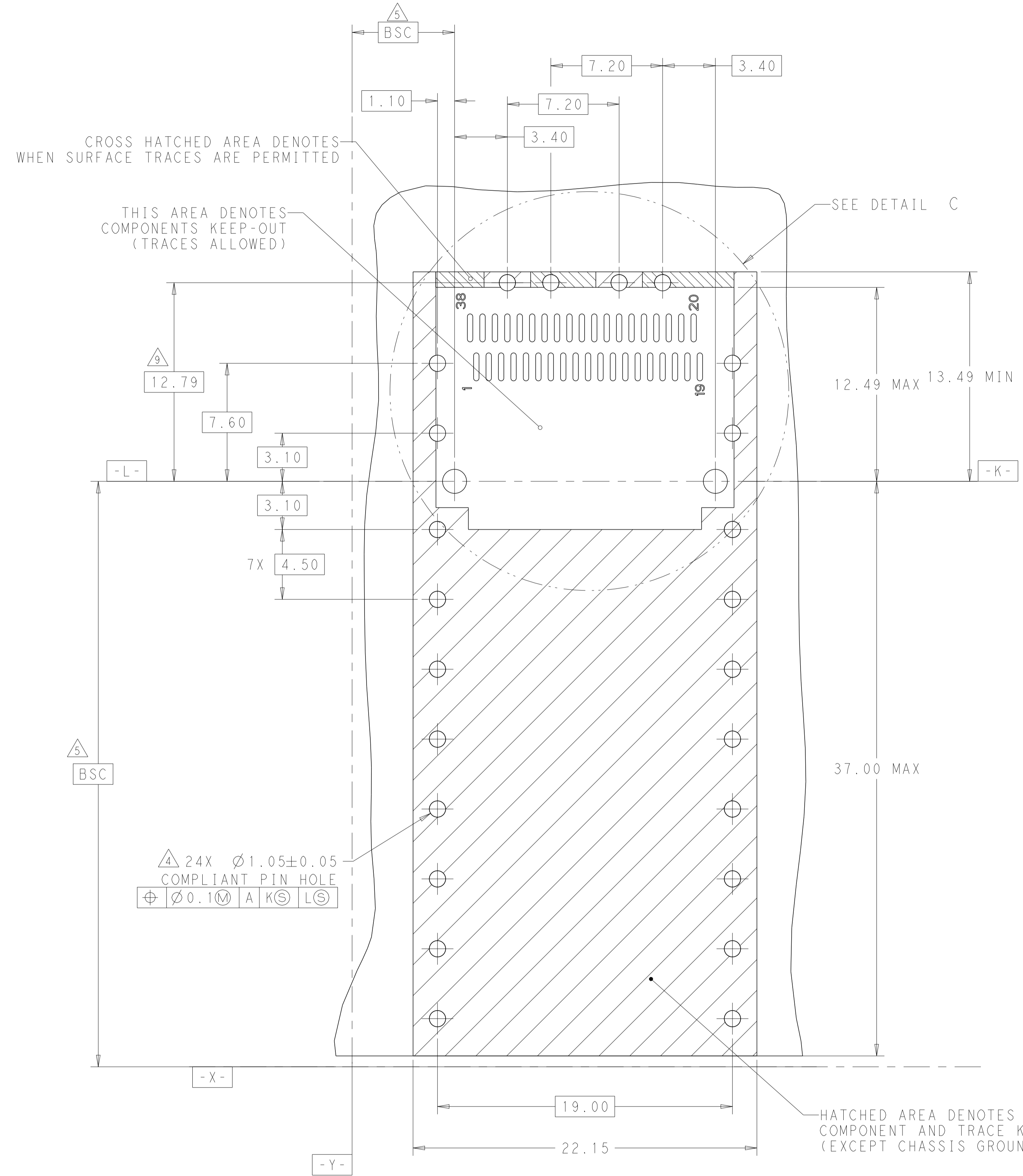


DETAIL B
 SCALE 8:1

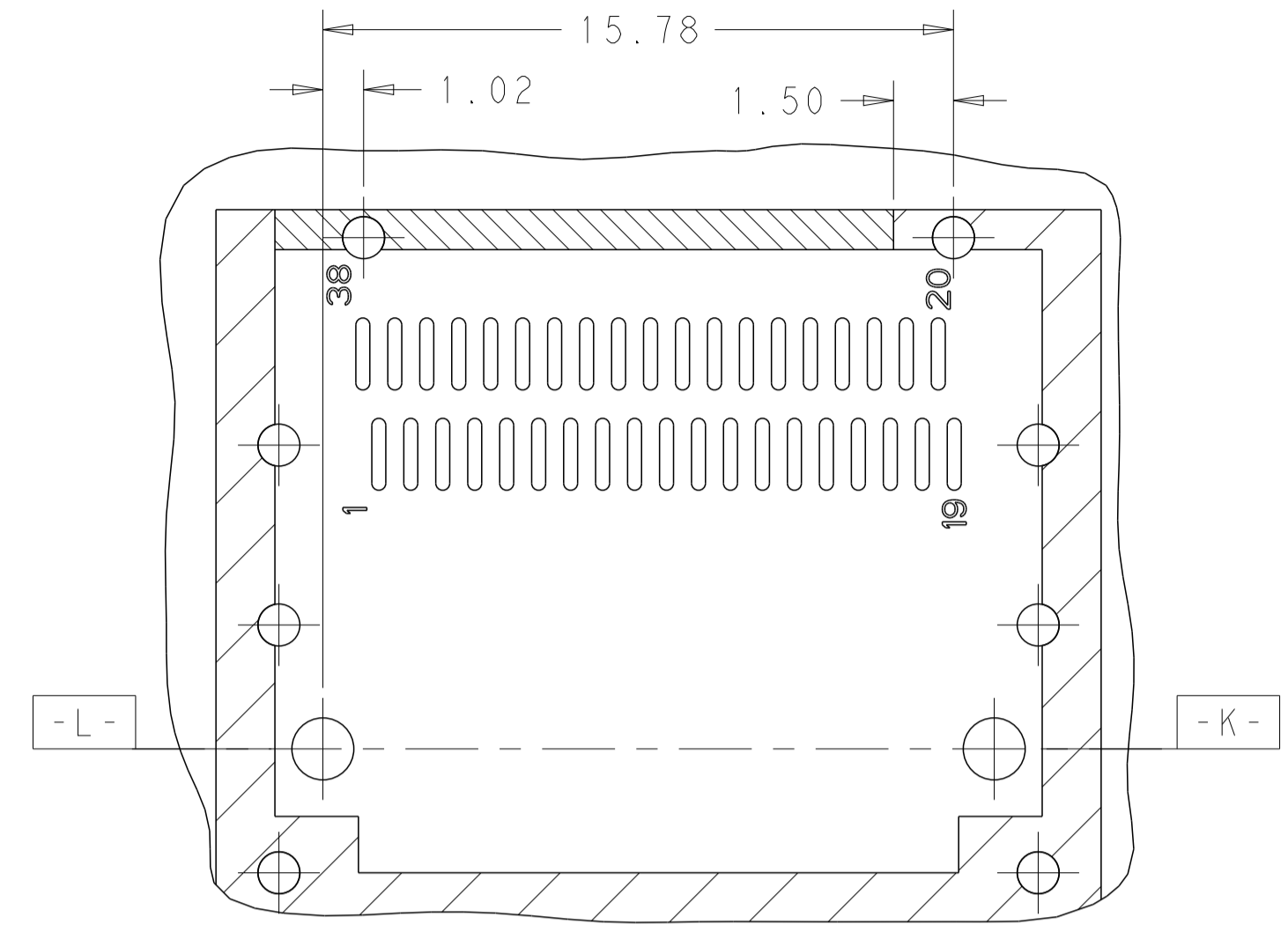
HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 01APR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 30DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK
0 PLC ± 0.25	1 PLC ± 0.25	PRODUCT SPEC	108-19428
2 PLC ± 0.20	3 PLC ± 0.100	APPLICATION SPEC	114-32023
4 PLC \pm	ANGLES \pm	FINISH	WEIGHT
MATERIAL		Customer Drawing	RESTRICTED TO
		SCALE 4:1	SHEET 4 OF 5 REV A1

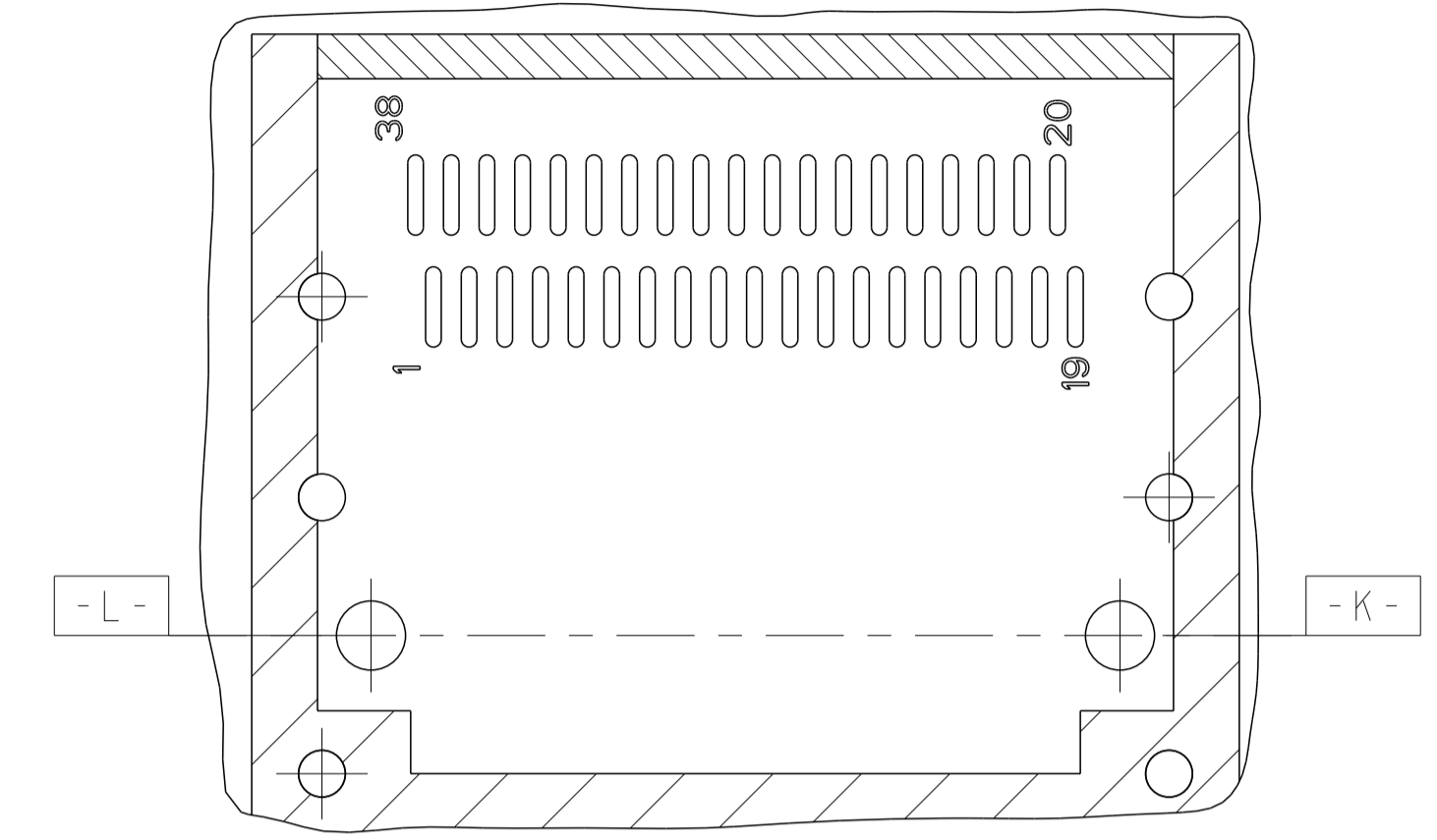
LOC	DIST	REVISIONS			
		REV. LTR	DESCRIPTION	DATE	DMN APVD
		rev_sym_186E_8H6E11			rev_defect_y_dmn_bppr_1
		rev_sym_2rev_desc_2			rev_defect_y_dmn_bppr_2
		rev_sym_3rev_desc_3			rev_defect_y_dmn_bppr_3
		rev_sym_4rev_desc_4			rev_defect_y_dmn_bppr_4



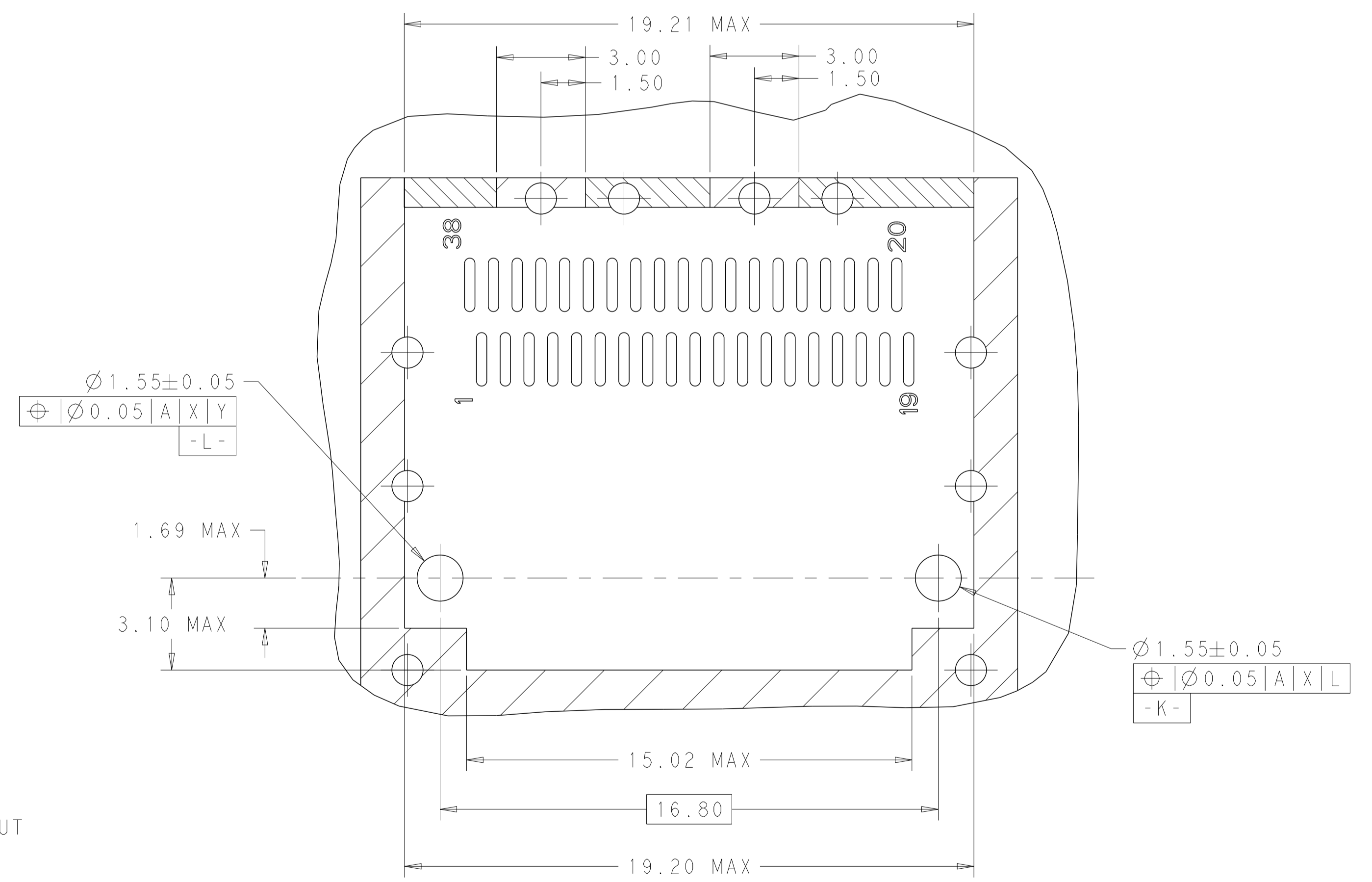
RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
 PCB TOLERANCE: ±0.05
 SCALE 6:1



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



RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE OF 0 REAR HOLES OF LEGS
 PCB TOLERANCE: ±0.05
 SCALE 6:1



DETAIL C
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: JASON YANG 01APR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 30DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK
0 PLC ±0.25	1 PLC ±0.25	PRODUCT SPEC: 108-19428	SIZE: A1
2 PLC ±0.25	3 PLC ±0.25	APPLICATION SPEC: 114-32023	CAGE CODE: 2170753
4 PLC ±0.100	ANGLES ±°	WEIGHT:	RESTRICTED TO: -
MATERIAL:	FINISH:	Customer Drawing	SCALE: 4:1 SHEET 5 OF 5 REV: A1