

LOC	DIST	REVISIONS						
		P	LTR	DESCRIPTION	DATE	DWN	APVD	
			A	RELEASE	30DEC2015	JY	SH	
			B	REVISED PER ECO-19-016043	21OCT2019	SH	SH	
			B1	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
LIGHT PIPE: POLYCARBONATE WITH 94 V-0
EMI GASKET: PLATED FILLED SILICONE
ORGANIZER MATERIAL: POLYESTER WITH 94 V-0

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

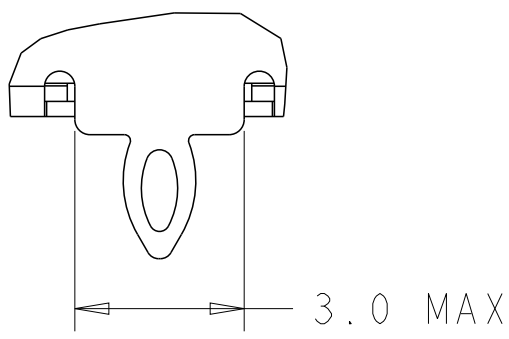
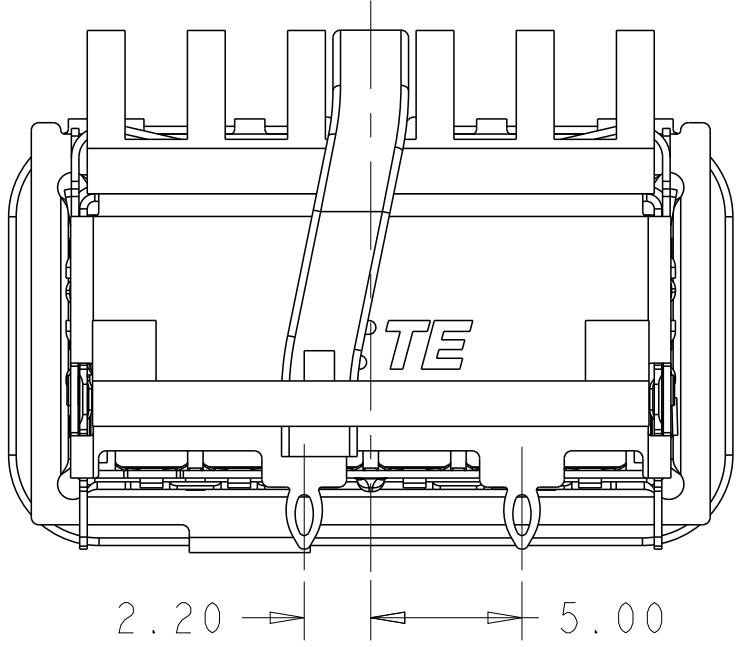
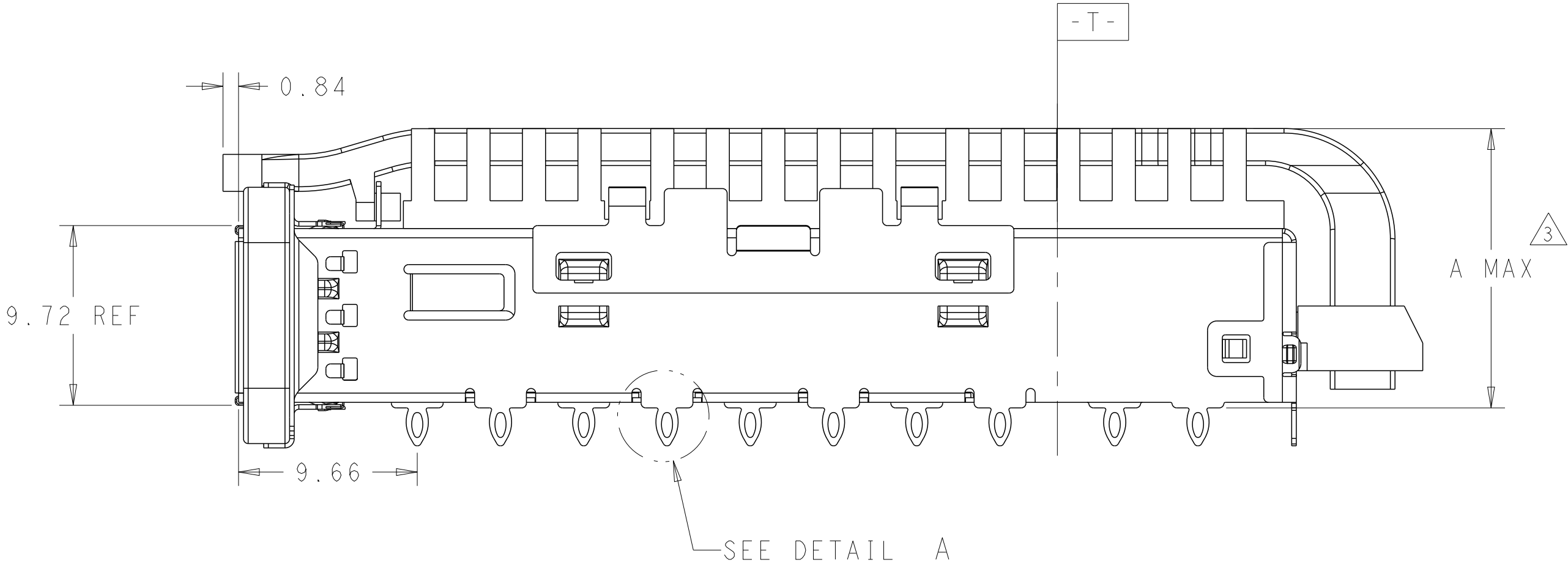
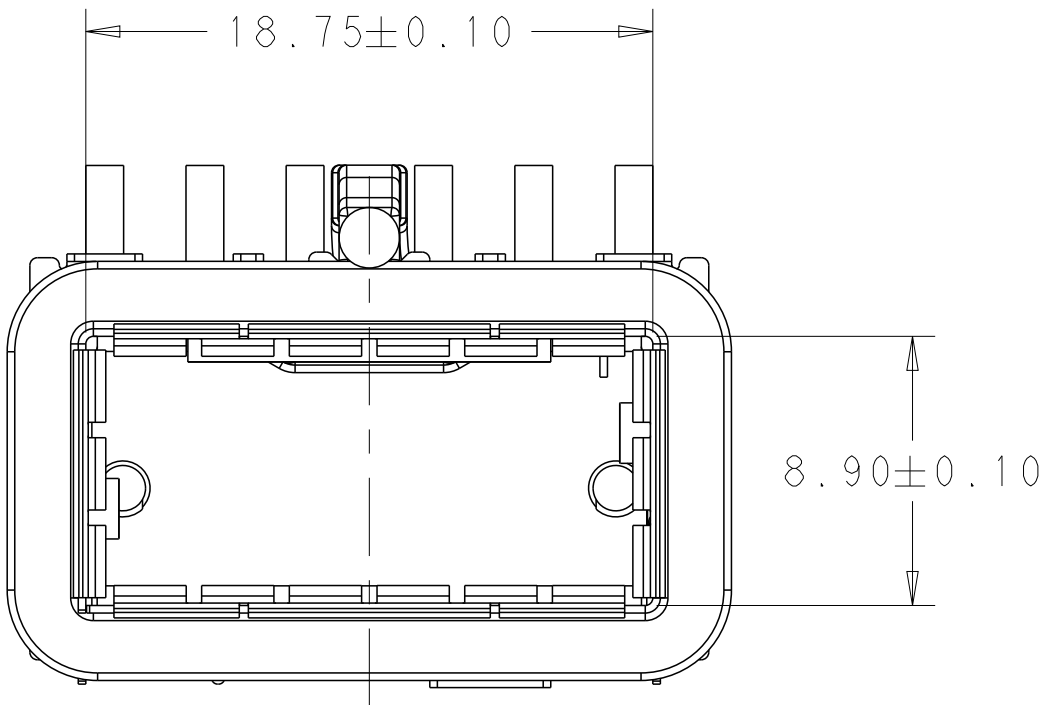
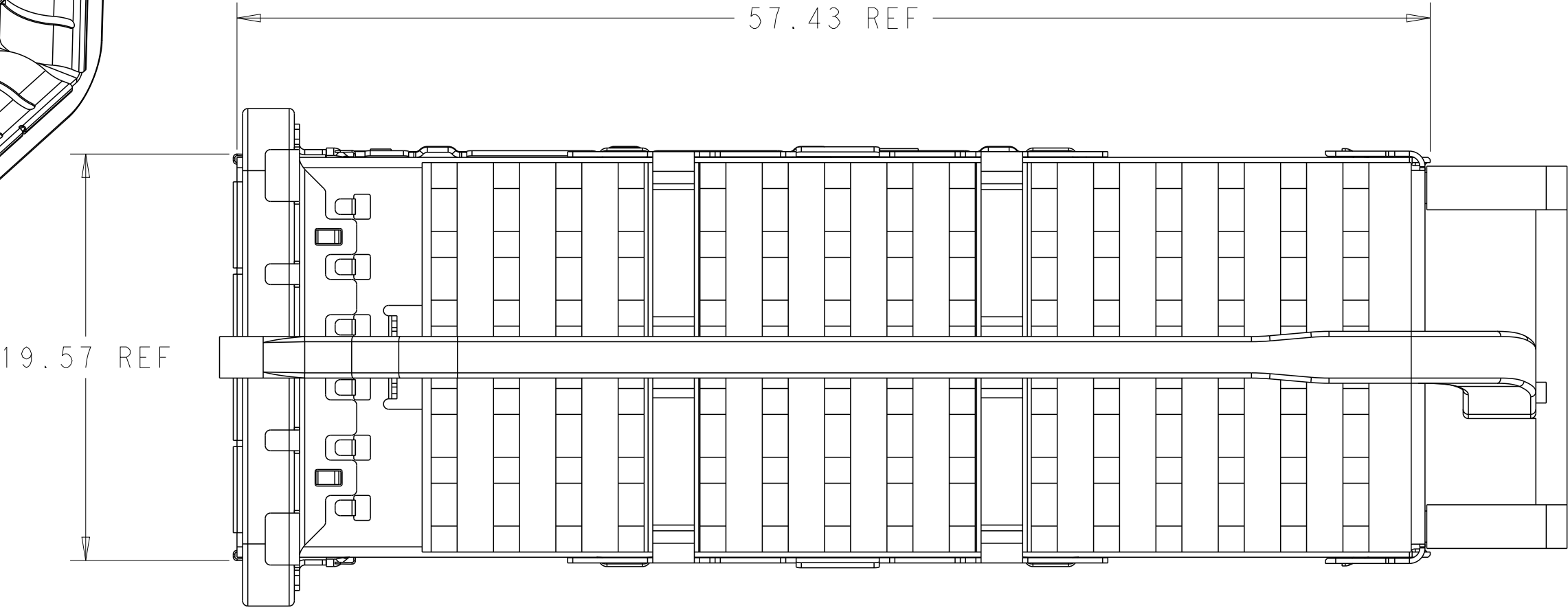
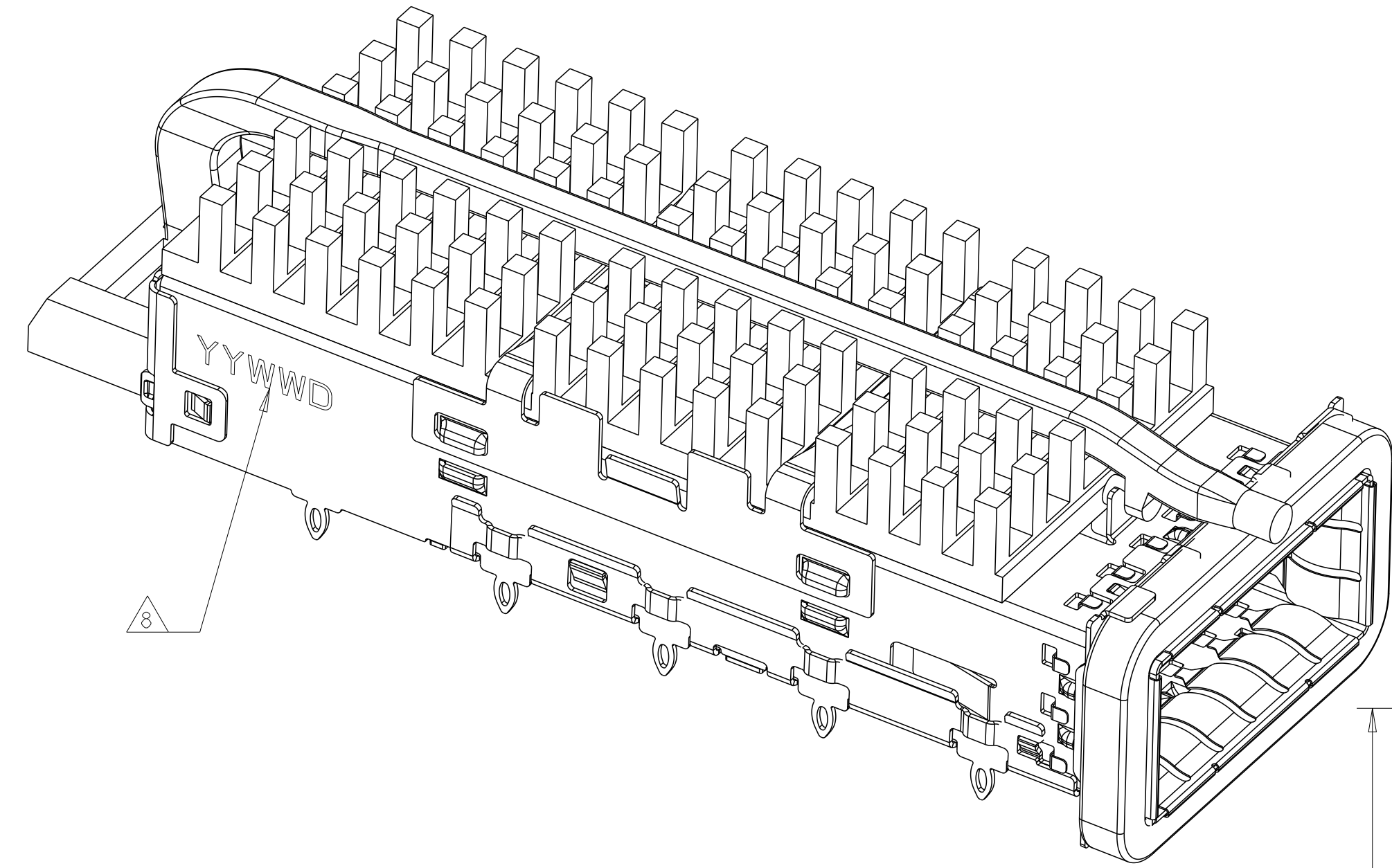
-A-

 IS TOP SURFACE OF THE HOST BOARD.

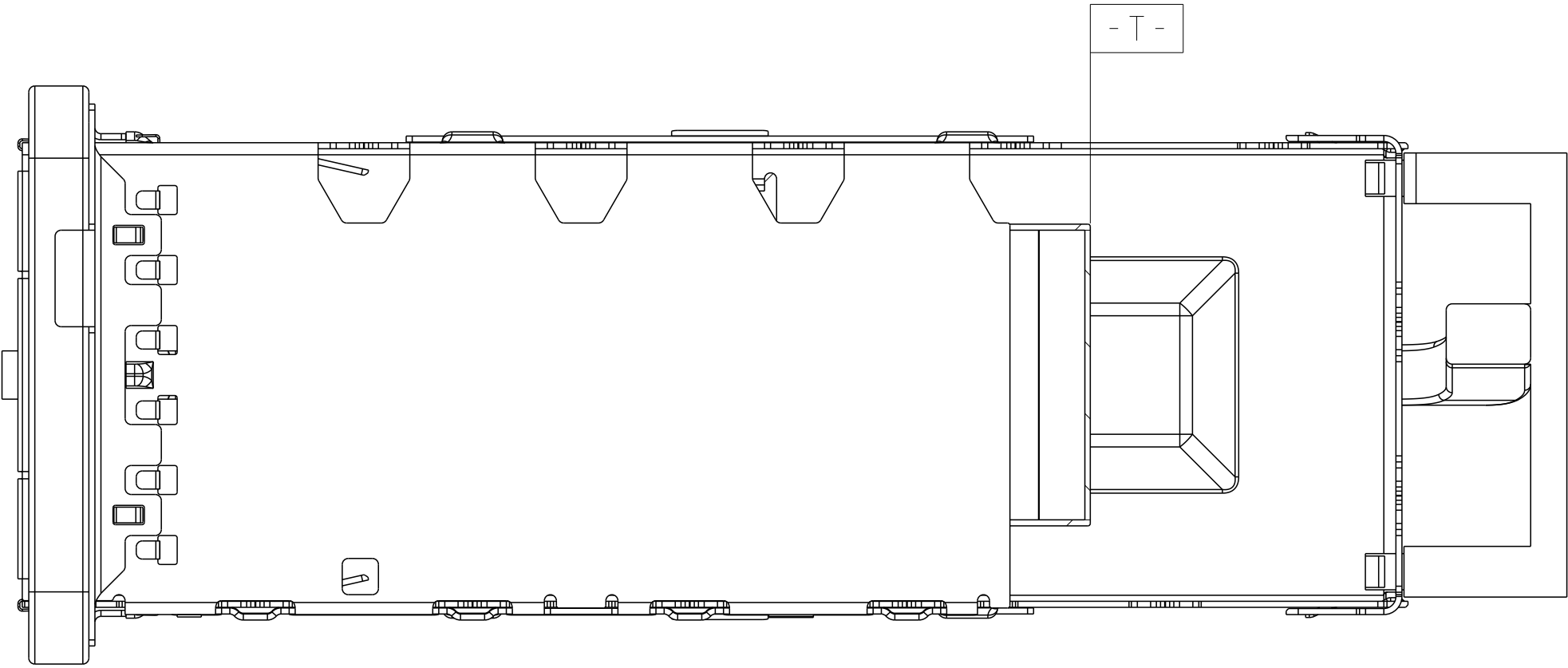
8

DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN

9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.



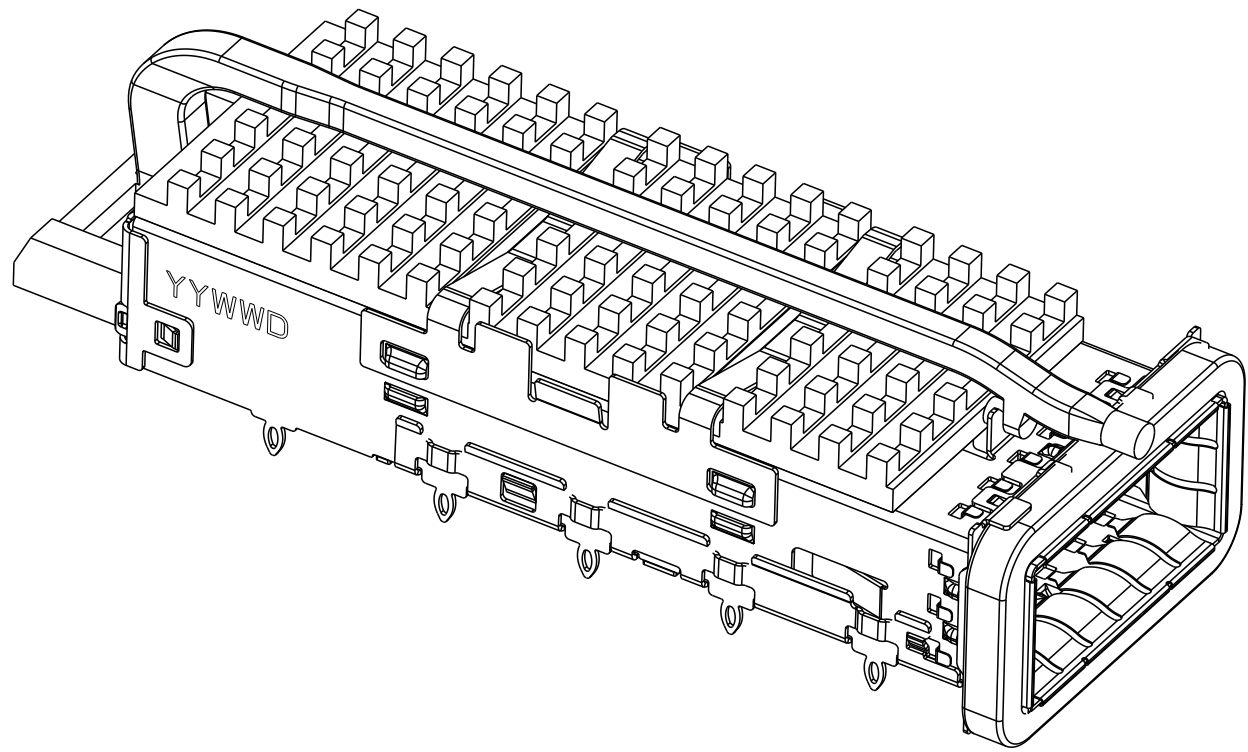
DETAIL A
SCALE 8:1



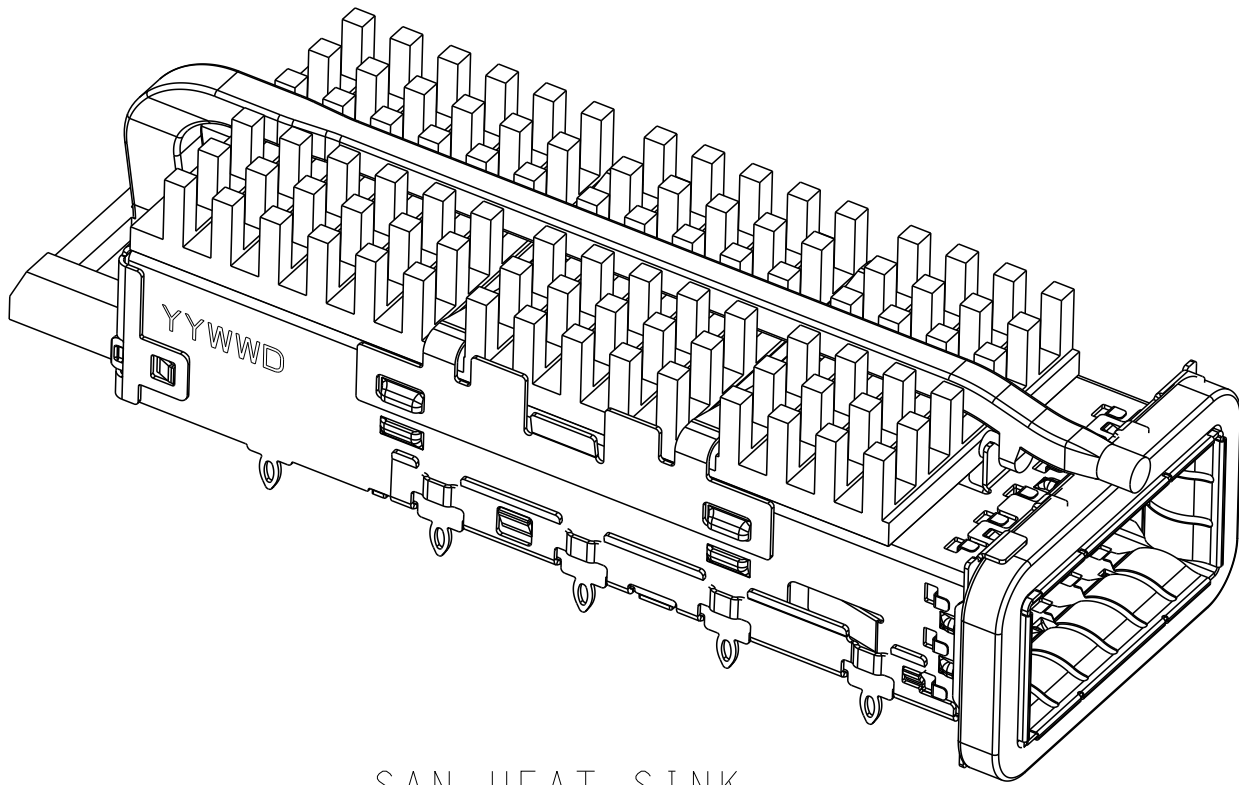
2170754-2 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 01APR2014 CHK SEAN HAN 30DEC2015 APVD -		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.100 4 PLC ± ANGLES ± FINISH -		NAME	
mm				CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE	
		PRODUCT SPEC		SIZE	
		108-19428		CAGE CODE	
		APPLICATION SPEC		DRAWING NO	
		114-32023		RESTRICTED TO	
MATERIAL		WEIGHT		A100779C=2170754	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 1 OF 7 REV B1	

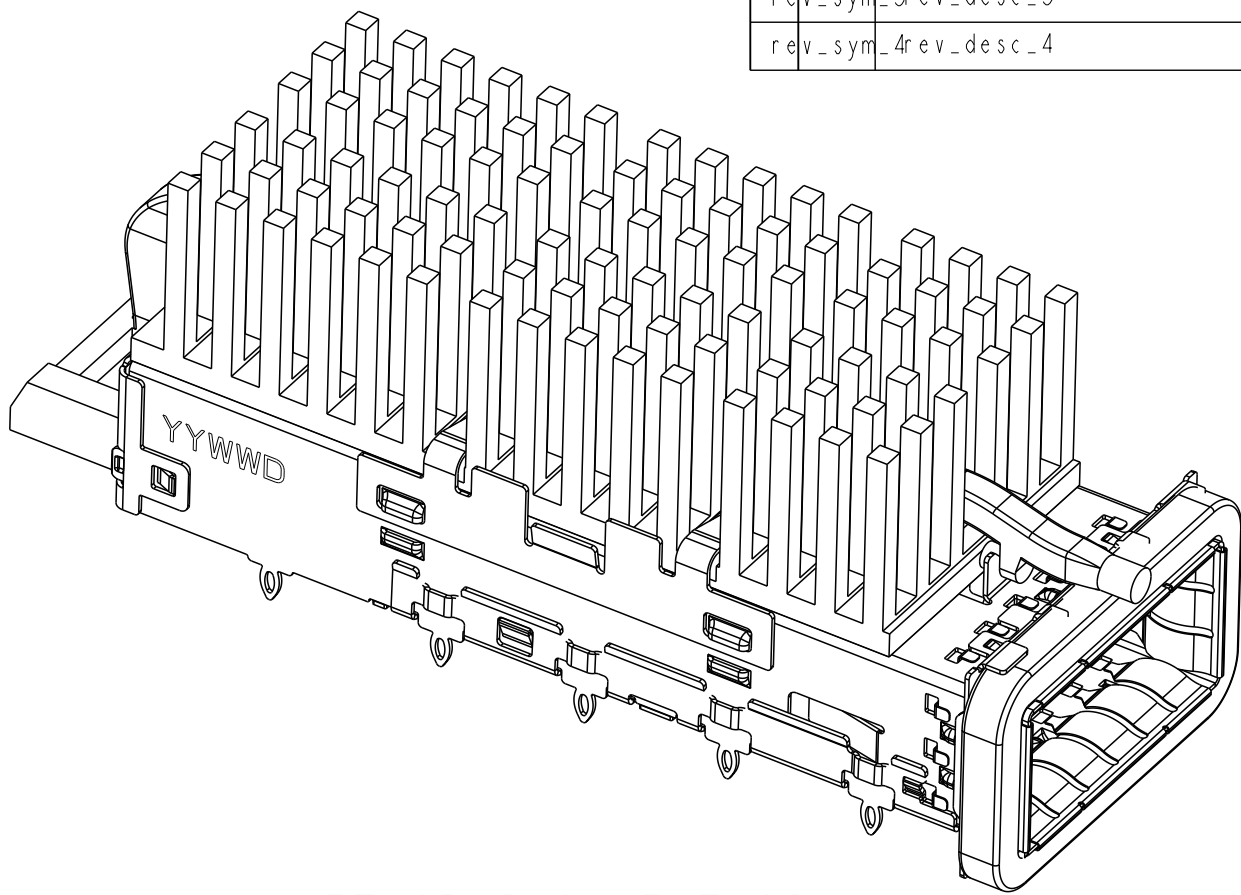
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rev_sym_3rev_desc_3				rev_date	rev_dwn	rev_appr	3
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PCI HEAT SINK
SCALE 5:2

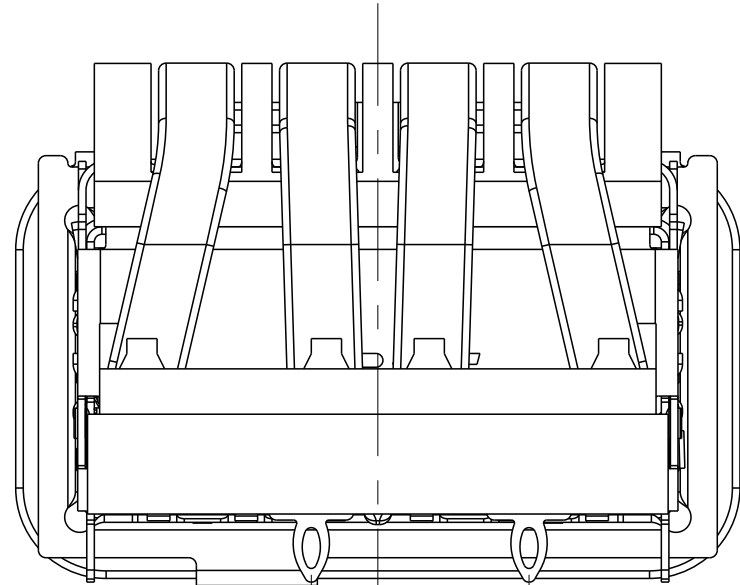


SAN HEAT SINK
SCALE 5:2

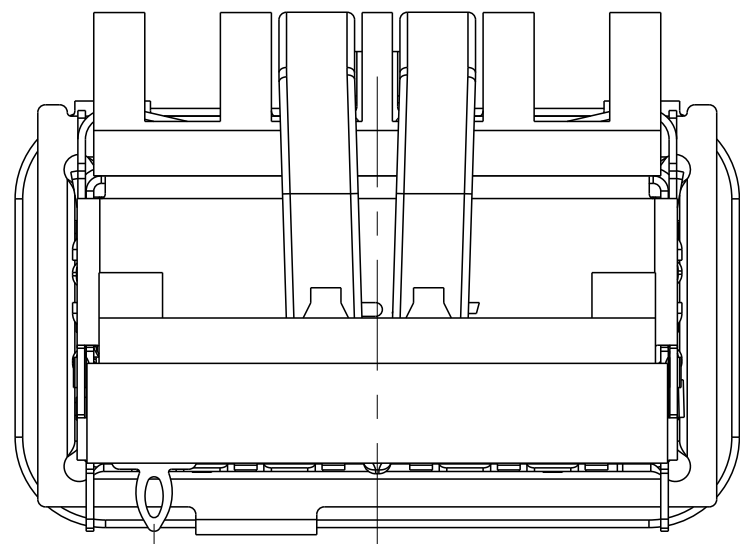


NETWORKING HEAT SINK
SCALE 5:2

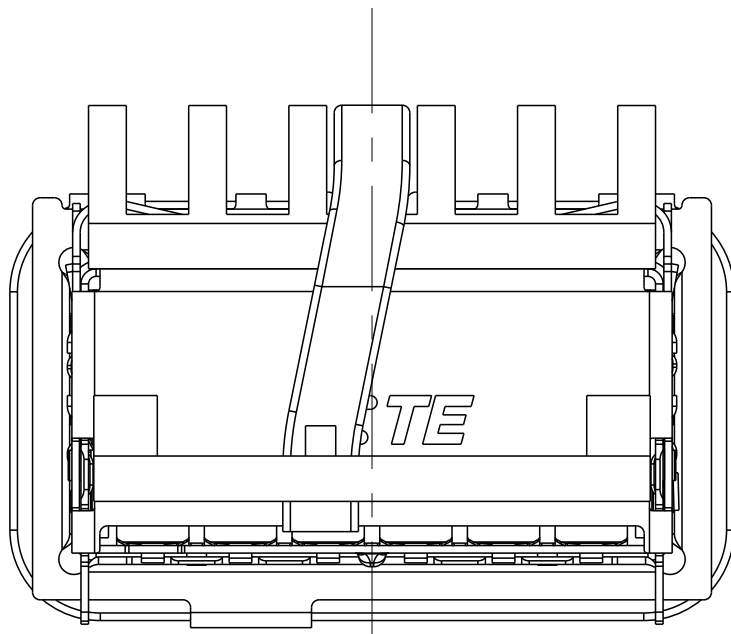
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

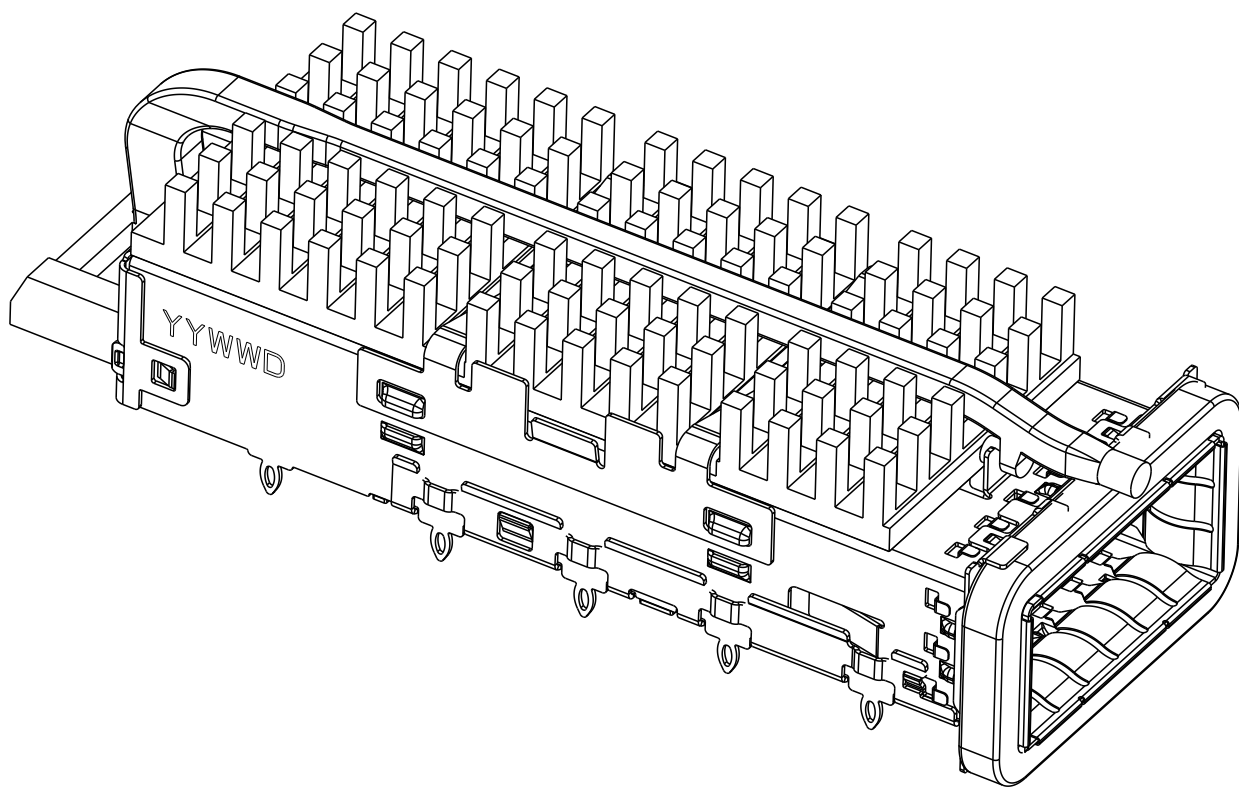


1 REAR LEG
SCALE 4:1

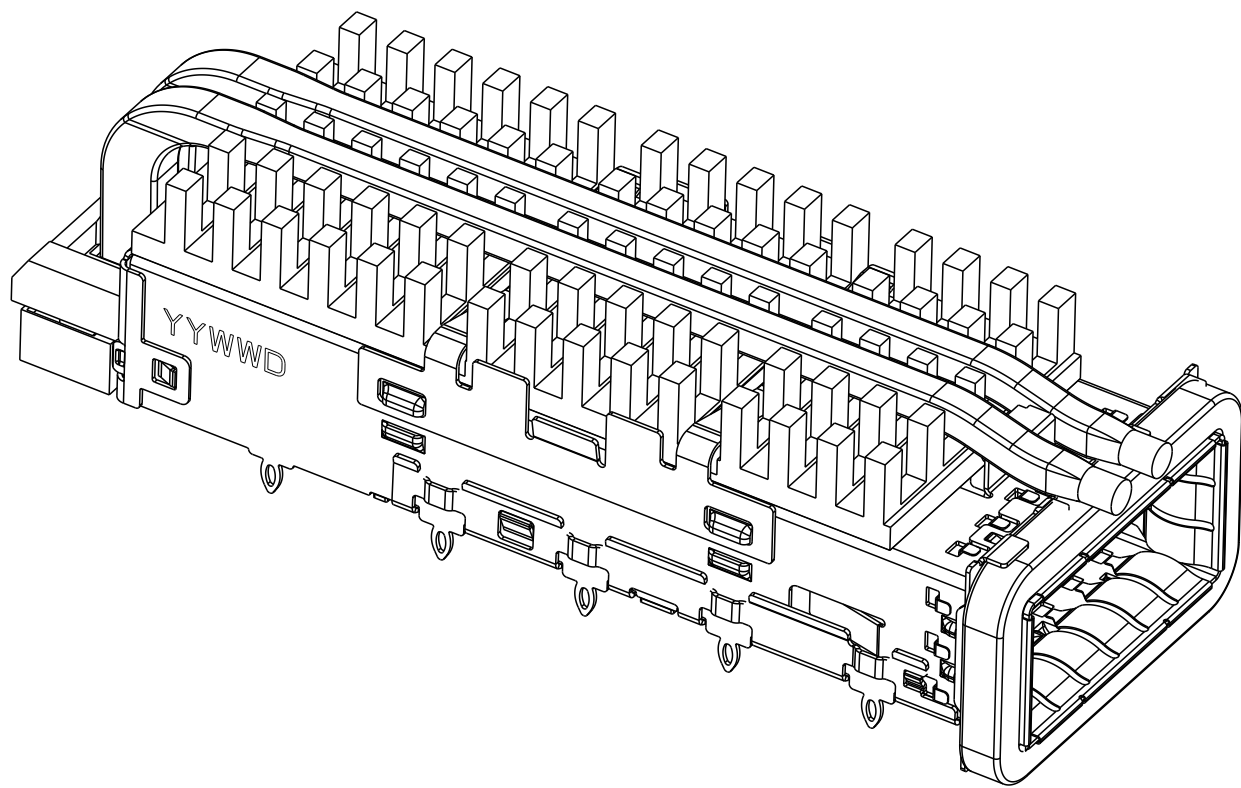


0 REAR LEG
SCALE 4:1

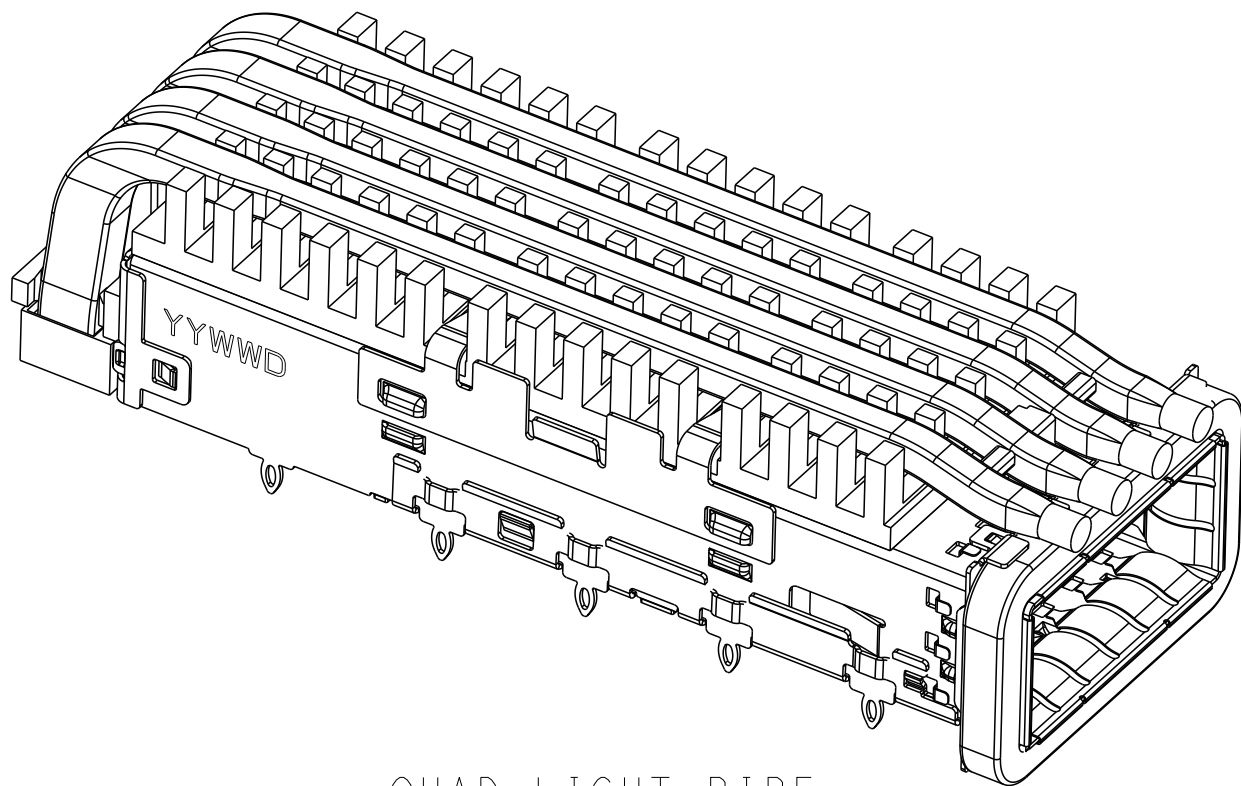
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2



QUAD LIGHT PIPE
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 01APR2014	TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		APVD: -	NAME: CAGE ASSEMBLY, OSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE
mm		PRODUCT SPEC: 108-19428	
		APPLICATION SPEC: 114-32023	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 2170754
		WEIGHT: -	
MATERIAL: -		Customer Drawing	RESTRICTED TO: -
		SCALE: 4:1	SHEET: 2 OF 7
			REV: B1

LOC	DIST	REVISIONS					
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		rev_sym_2	rev_desc_2		rev_date	rev_dwn	rev_appr_2
		rev_sym_3	rev_desc_3		rev_date	rev_dwn	rev_appr_3
		rev_sym_4	rev_desc_4		rev_date	rev_dwn	rev_appr_4

0	16.0	WITHOUT	SINGLE	1-2170754-0
1	23.0	NETWORKING	QUAD	4-2170754-9
1	16.0	SAN	QUAD	4-2170754-8
1	13.7	PCI	QUAD	4-2170754-7
0	23.0	NETWORKING	QUAD	4-2170754-6
0	16.0	SAN	QUAD	4-2170754-5
0	13.7	PCI	QUAD	4-2170754-4
2	23.0	NETWORKING	QUAD	4-2170754-3
2	16.0	SAN	QUAD	4-2170754-2
2	13.7	PCI	QUAD	4-2170754-1
1	23.0	NETWORKING	DUAL	2-2170754-9
1	16.0	SAN	DUAL	2-2170754-8
1	13.7	PCI	DUAL	2-2170754-7
0	23.0	NETWORKING	DUAL	2-2170754-6
0	16.0	SAN	DUAL	2-2170754-5
0	13.7	PCI	DUAL	2-2170754-4
2	23.0	NETWORKING	DUAL	2-2170754-3
2	16.0	SAN	DUAL	2-2170754-2
2	13.7	PCI	DUAL	2-2170754-1
1	23.0	NETWORKING	SINGLE	2170754-9
1	16.0	SAN	SINGLE	2170754-8
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0	23.0	NETWORKING	SINGLE	2170754-6
0	16.0	SAN	SINGLESINGLE	2170754-5
0	13.7	PCI	SINGLE	2170754-4
2	23.0	NETWORKING	SINGLE	2170754-3
2	16.0	SAN	SINGLE	2170754-2
2	13.7	PCI	SINGLE	2170754-1
# REAR PINS	DIM A	APPLICATION (HEAT SINK OPTION)	LIGHT PIPE OPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
JASON YANG
CHK
SEAN HAN

01APR2014
30DEC2015

APVD
-

NAME
CAGE ASSEMBLY, QSP28 1X1,
THRU BEZEL, WITH EMI GASKET
HEAT SINK, LIGHT PIPE

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.100
4 PLC ±
ANGLES
FINISH

-
-

PRODUCT SPEC
108-19428
APPLICATION SPEC
114-32023

SIZE
A100779

CAGE CODE
C=2170754

DRAWING NO
2170754

RESTRICTED TO
-

SCALE
4:1

SHEET
3

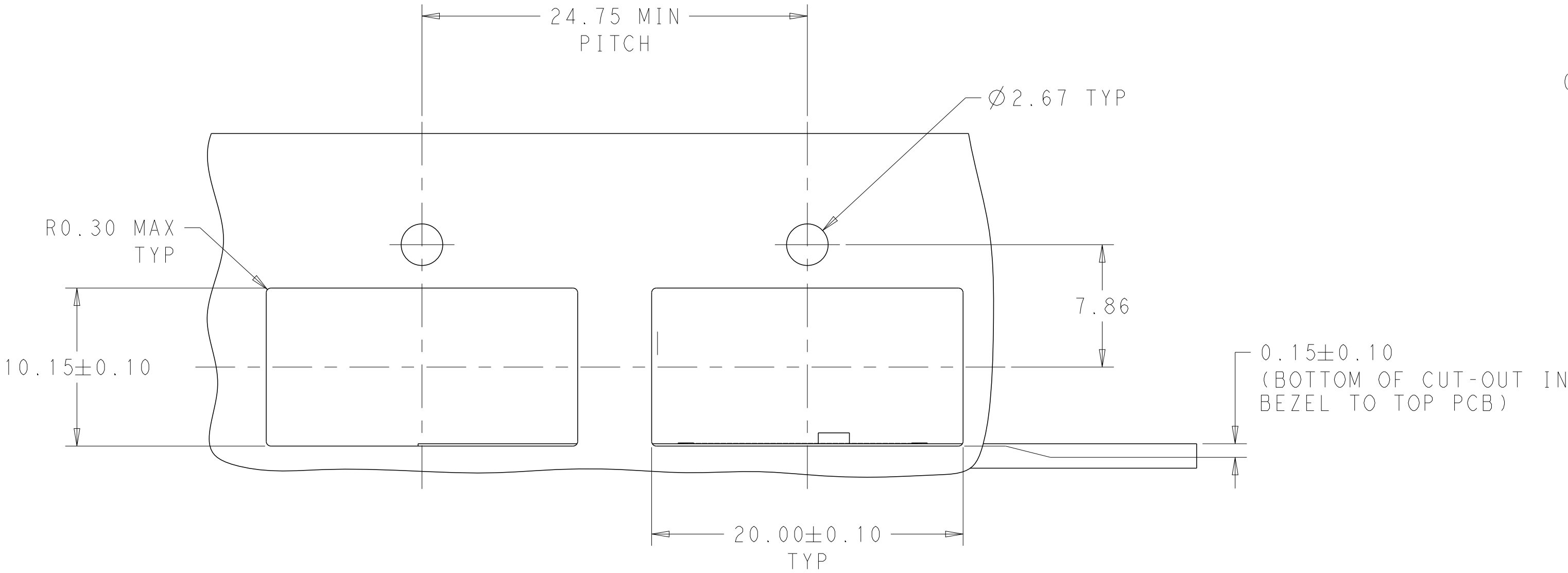
OF
7

REV
B1

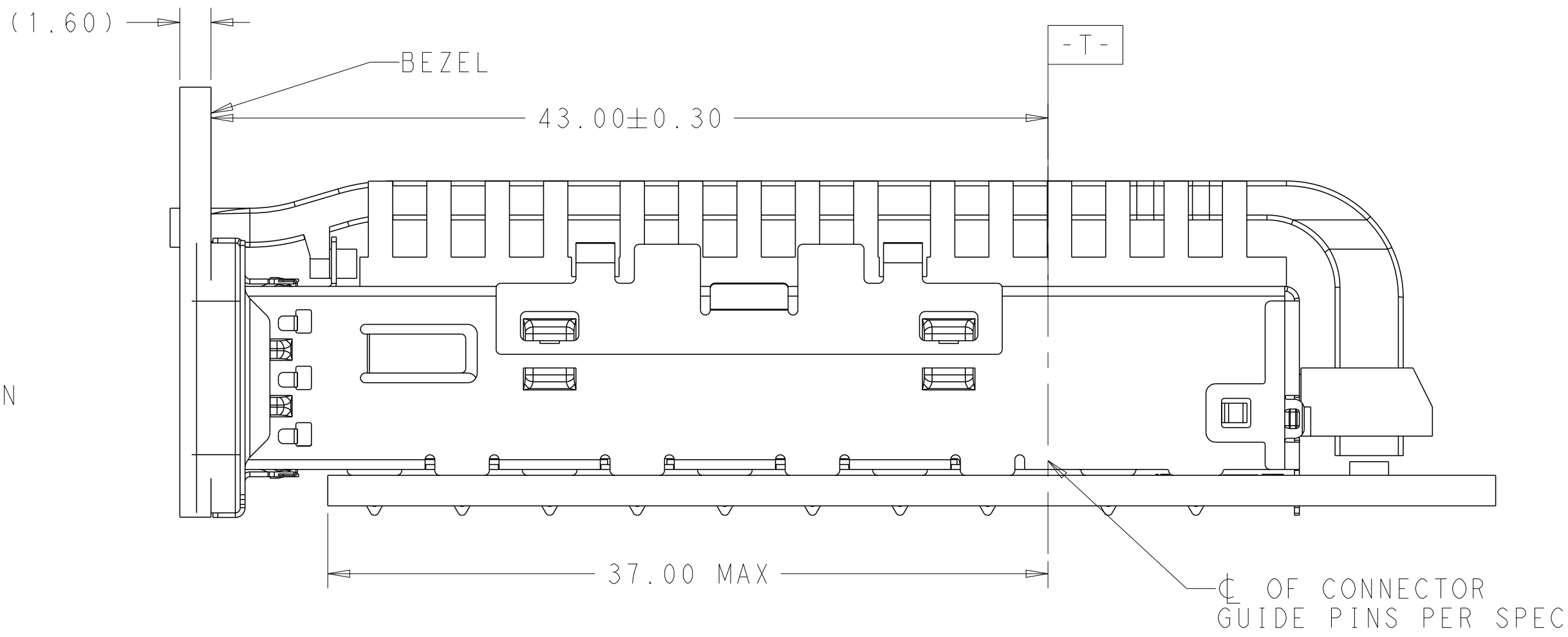
Customer Drawing

TE Connectivity

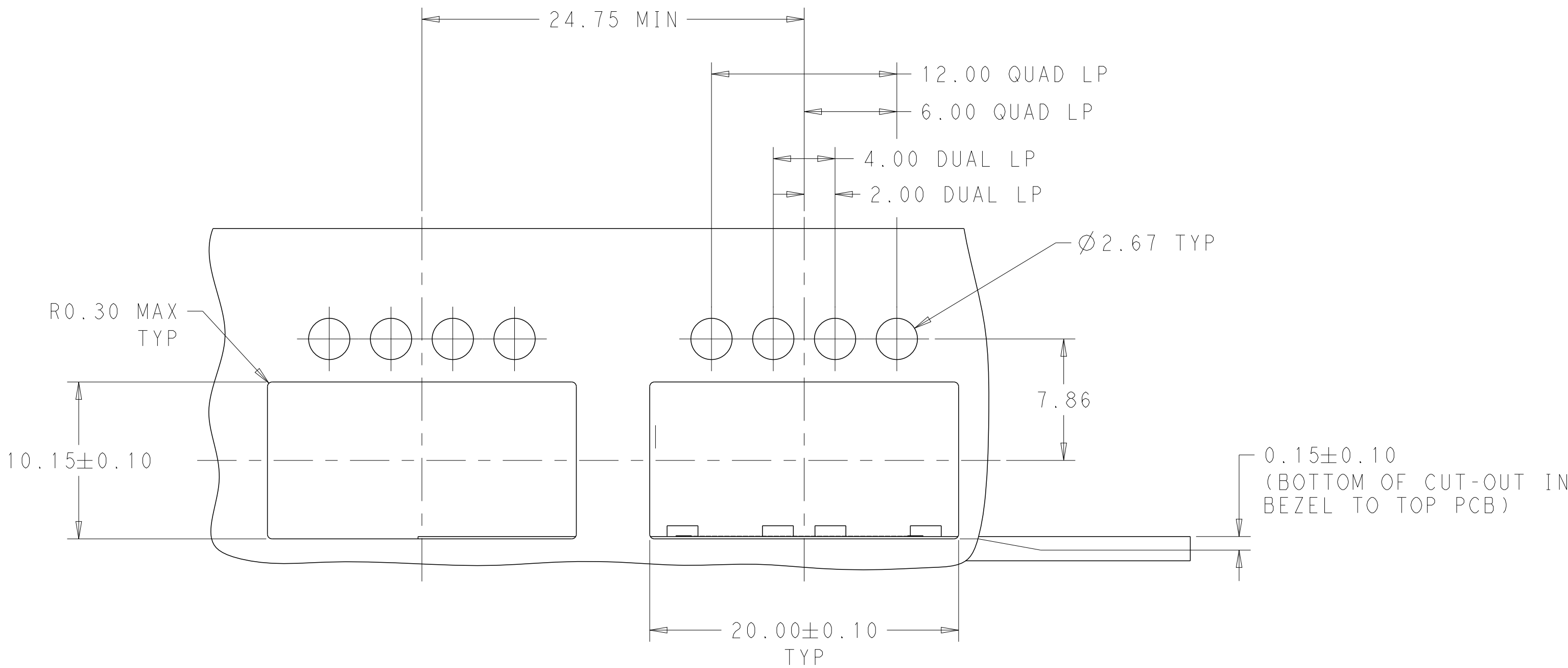
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P	LTR	DESCRIPTION		DATE	DWN	APVD	
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rev_sym_2rev_desc_2				rev_date v_2rev_desc_2	dwn_2rev_desc_2	apvd_2rev_desc_2	2
rev_sym_3rev_desc_3				rev_date v_3rev_desc_3	dwn_3rev_desc_3	apvd_3rev_desc_3	3
rev_sym_4rev_desc_4				rev_date v_4rev_desc_4	dwn_4rev_desc_4	apvd_4rev_desc_4	4



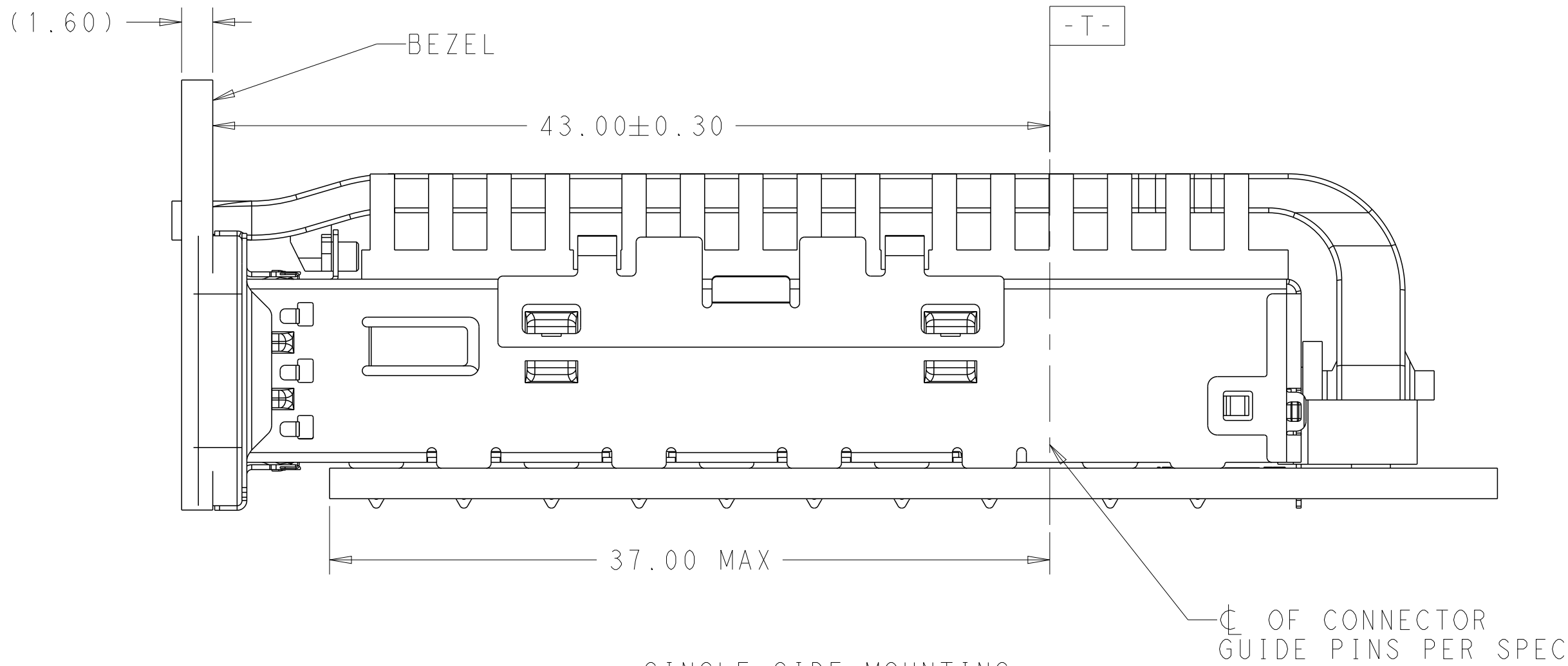
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1

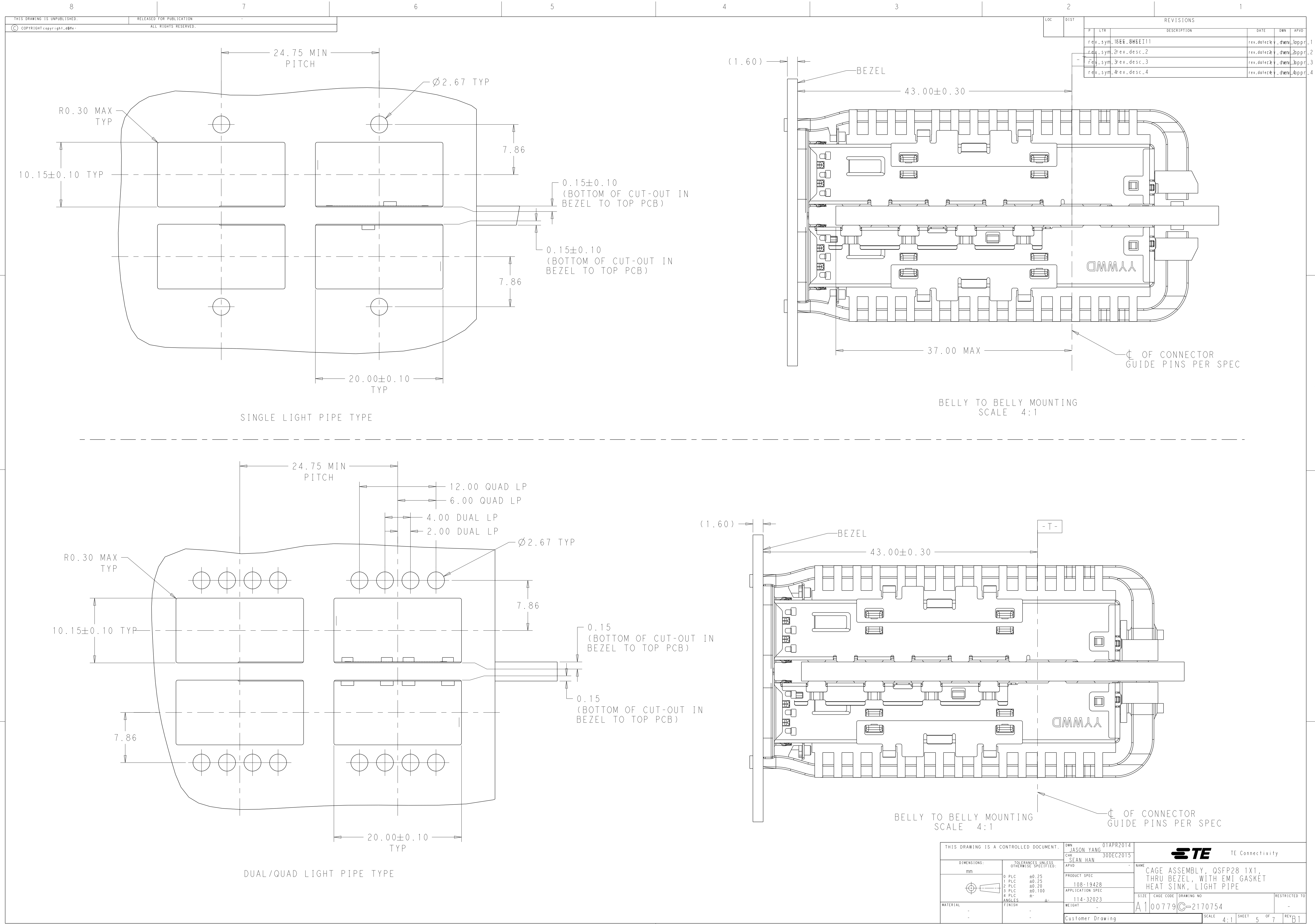


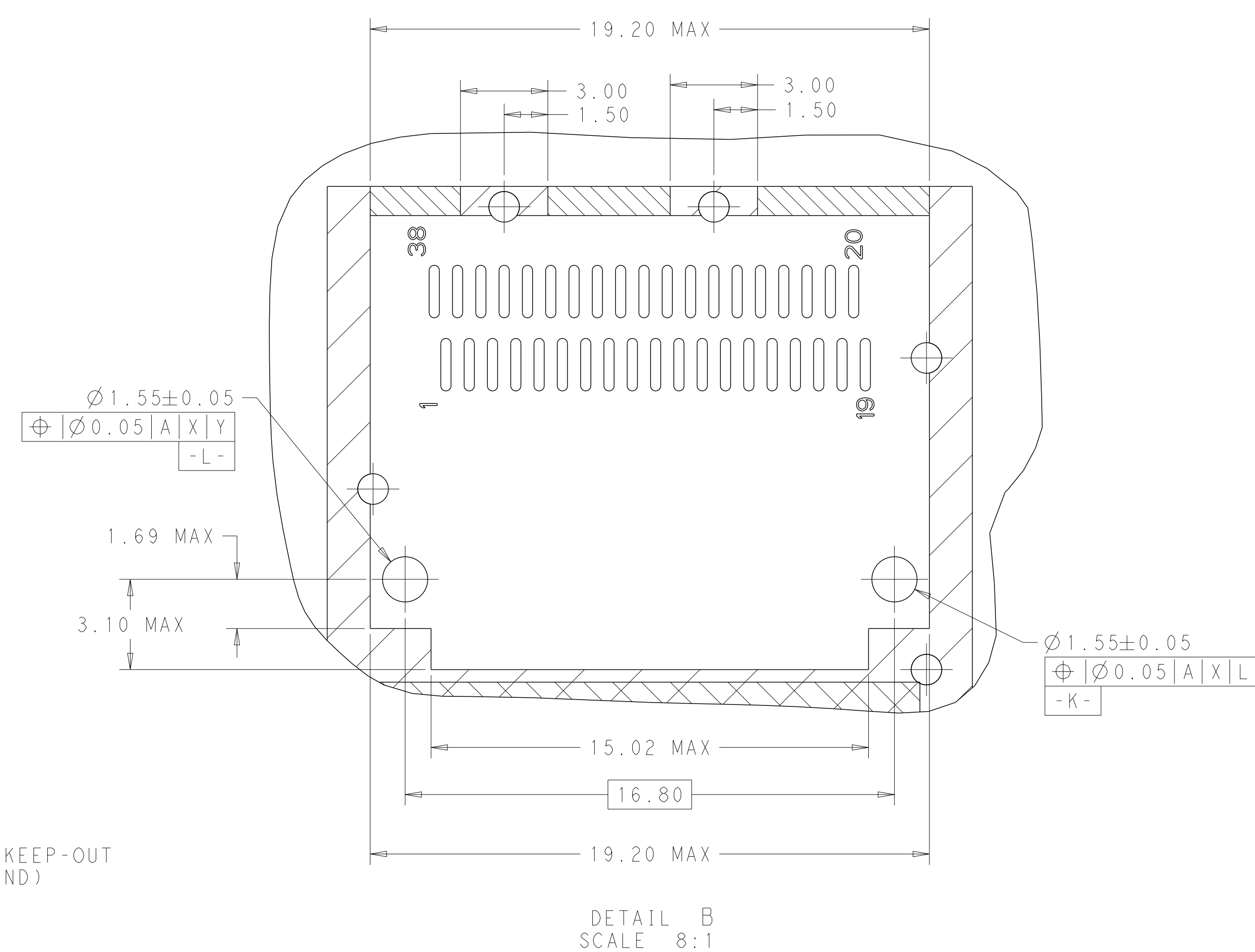
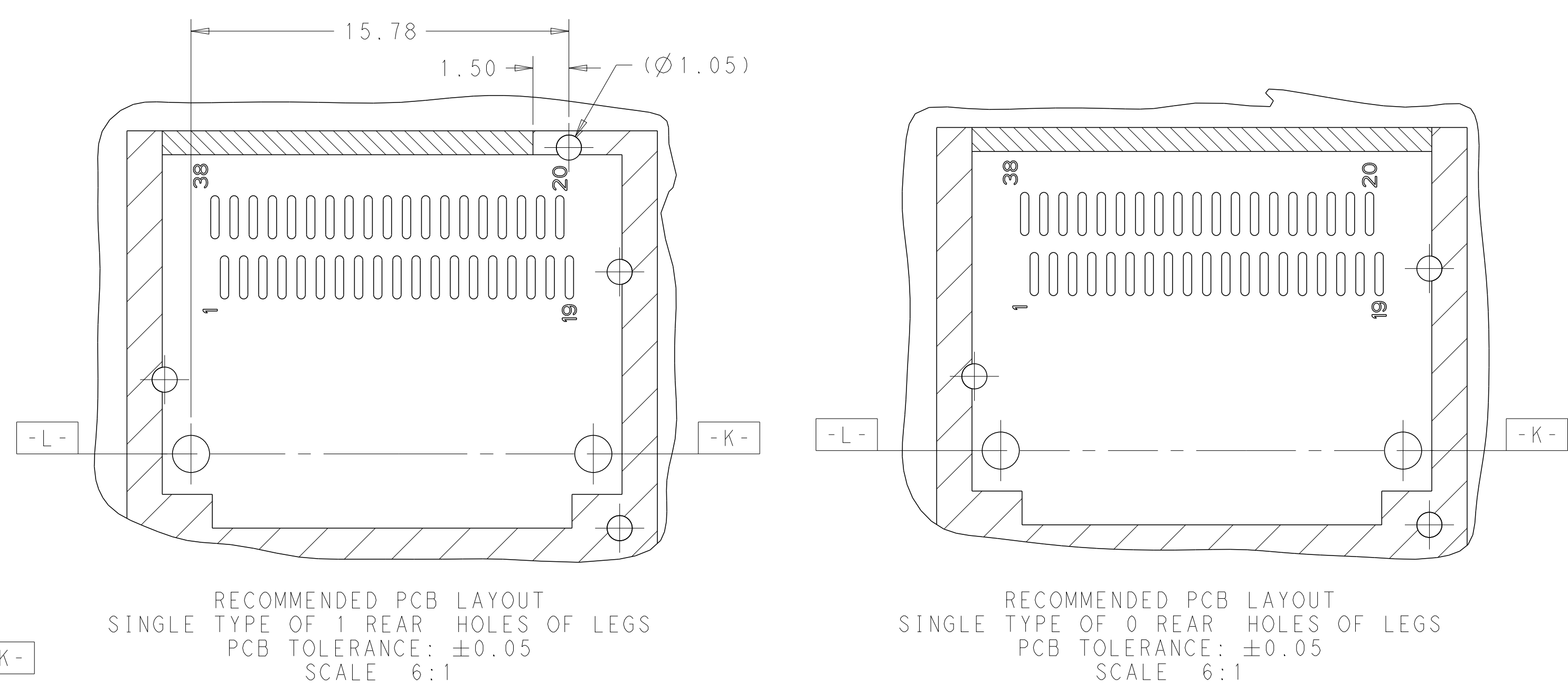
DUAL/QUAD LIGHT PIPE TYPE

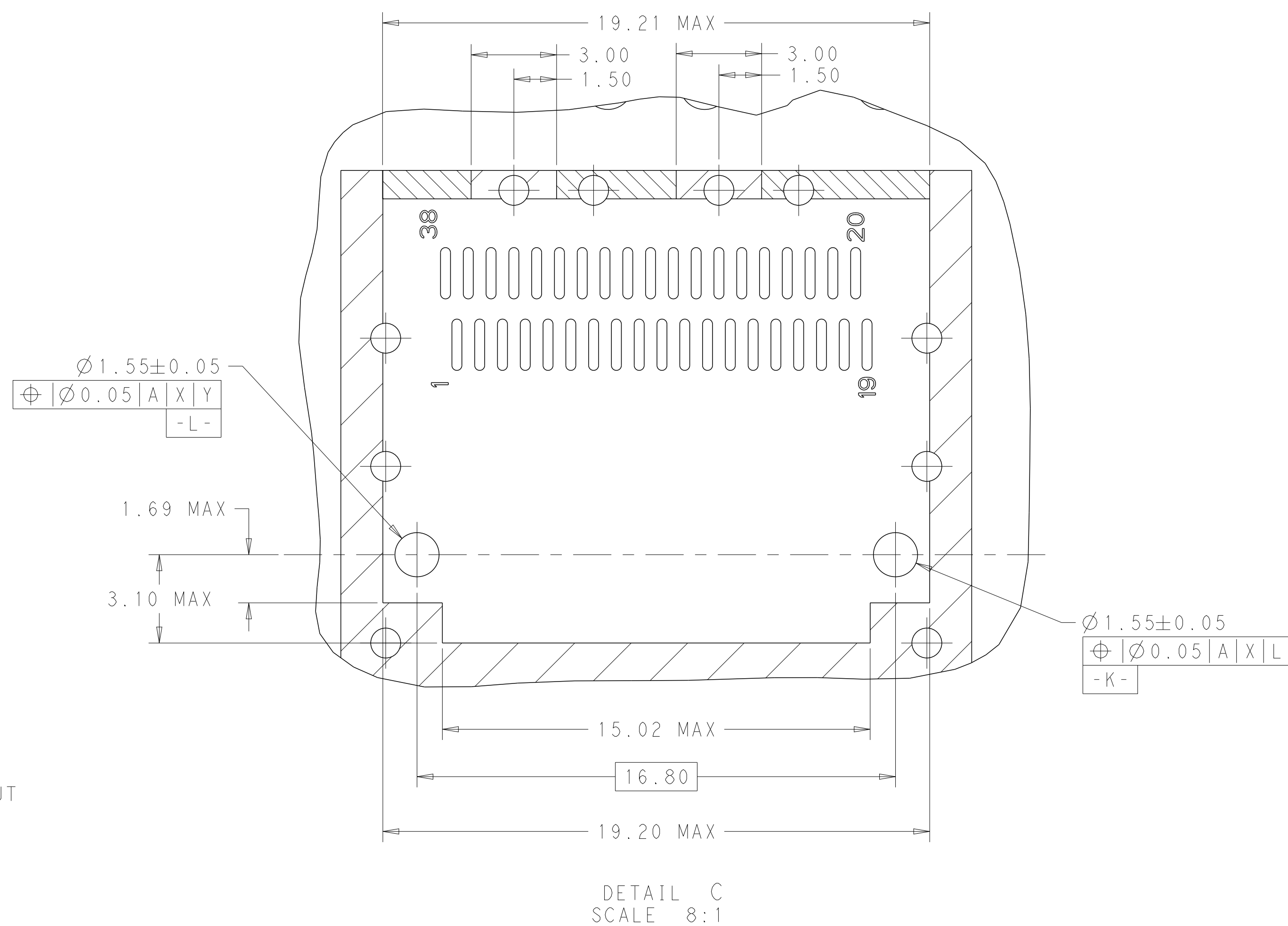
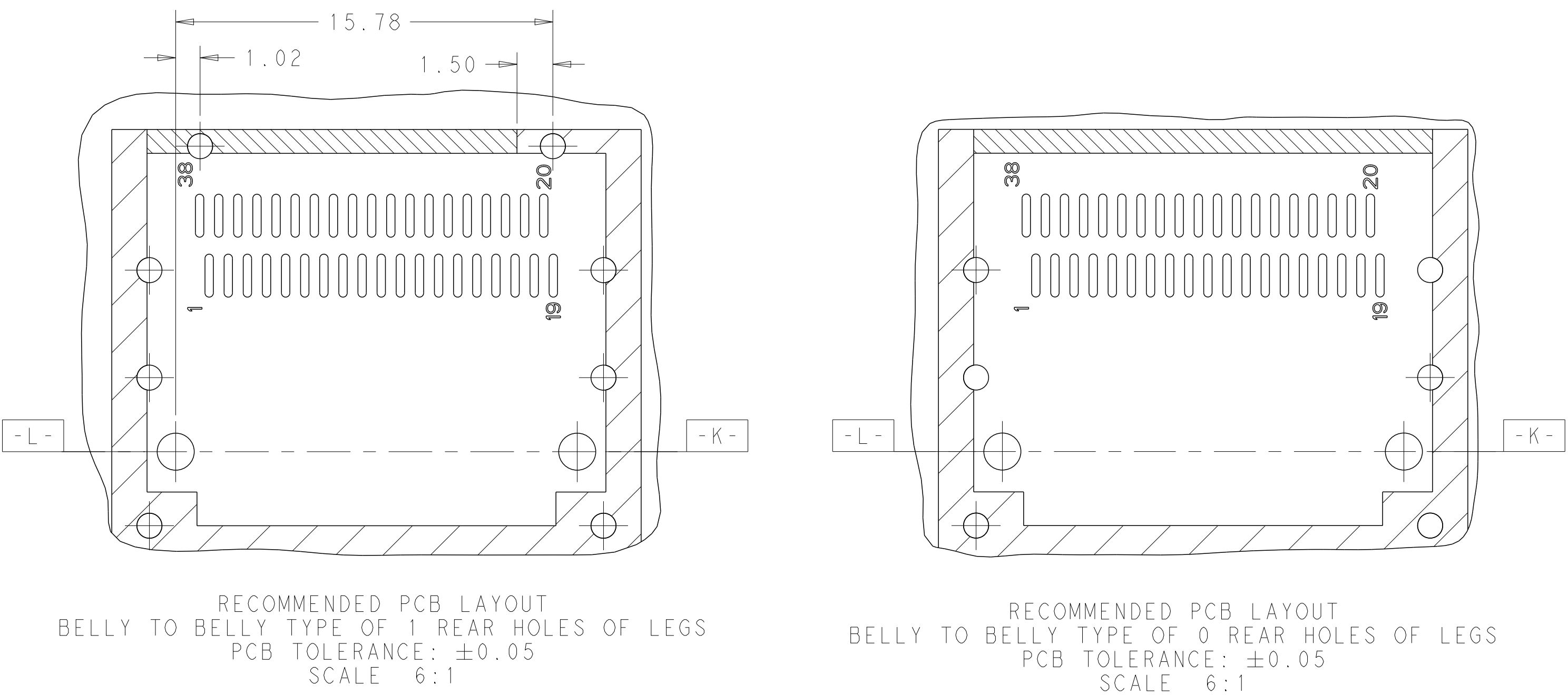


SINGLE SIDE MOUNTING
SCALE 4:1

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		CHK SEAN HAN 30DEC2015		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CAGE ASSEMBLY, QSP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.100 4 PLC ± ANGLES ± FINISH		
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023		
MATERIAL		WEIGHT		
-		-		SIZE CAGE CODE DRAWING NO
-		-		A100779C=2170754
		Customer Drawing		RESTRICTED TO
		SCALE 4:1		SHEET 4 OF 7 REV B1





4805 (3/11)