



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

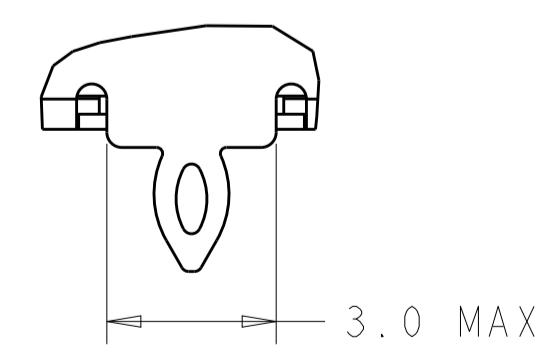
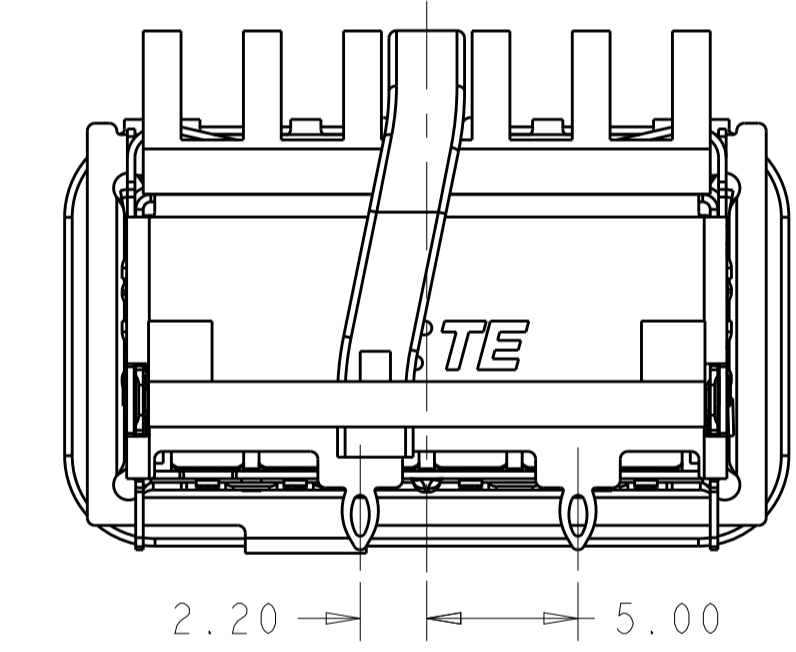
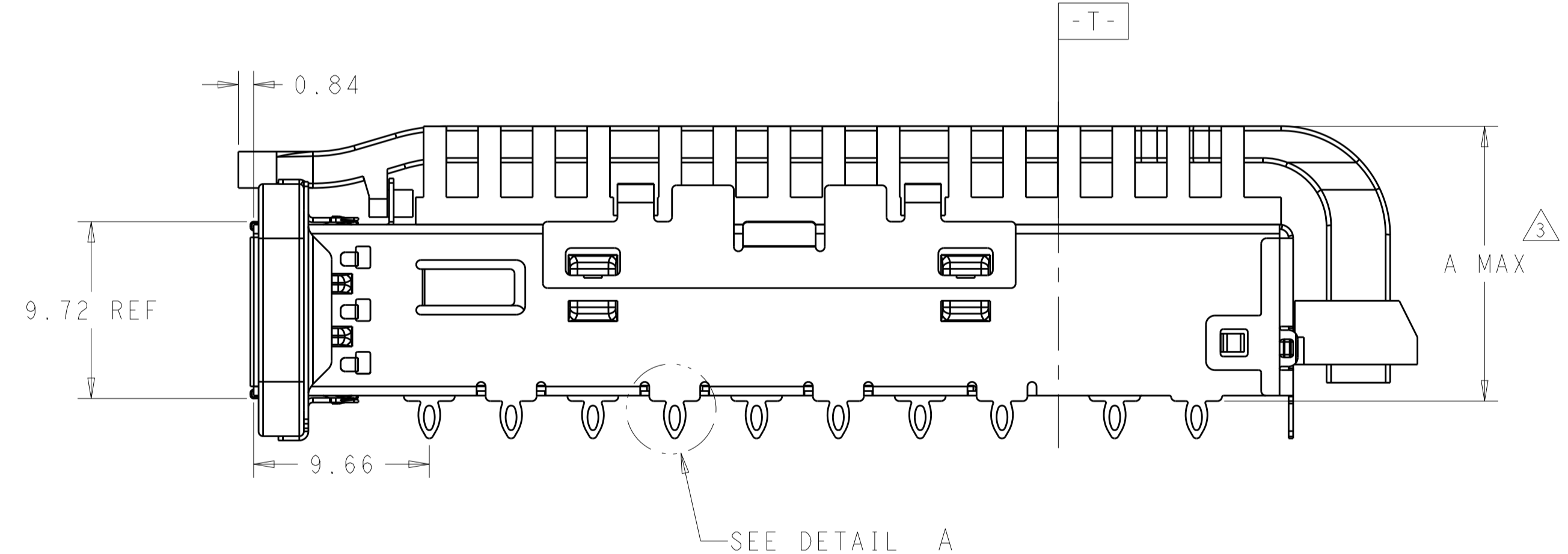
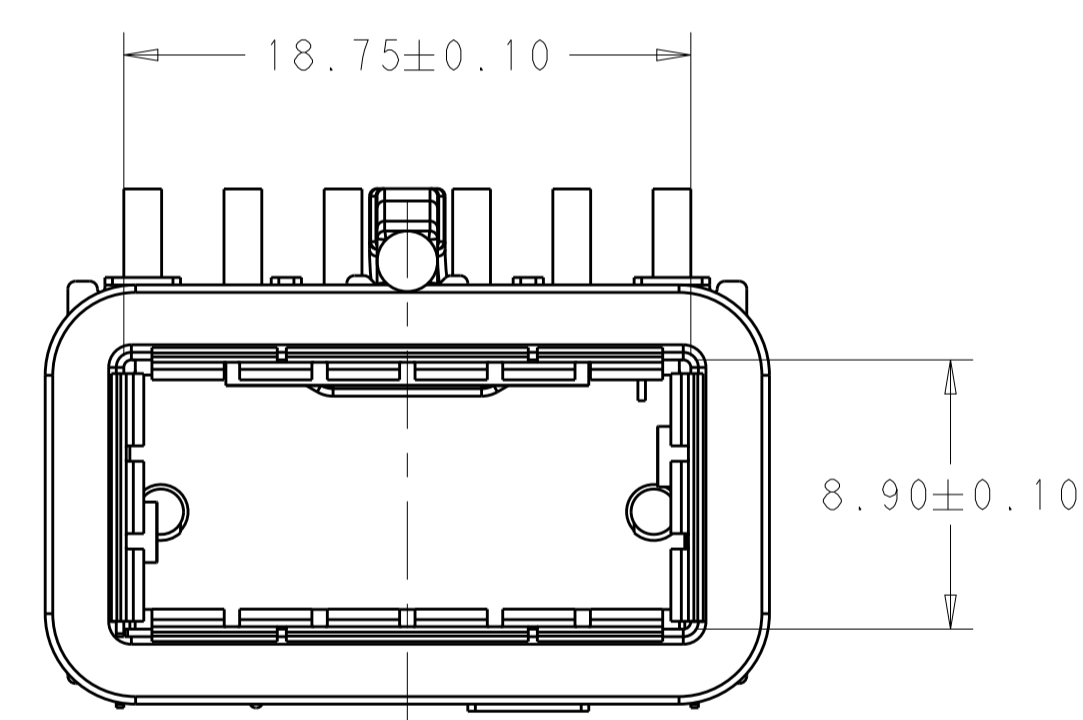
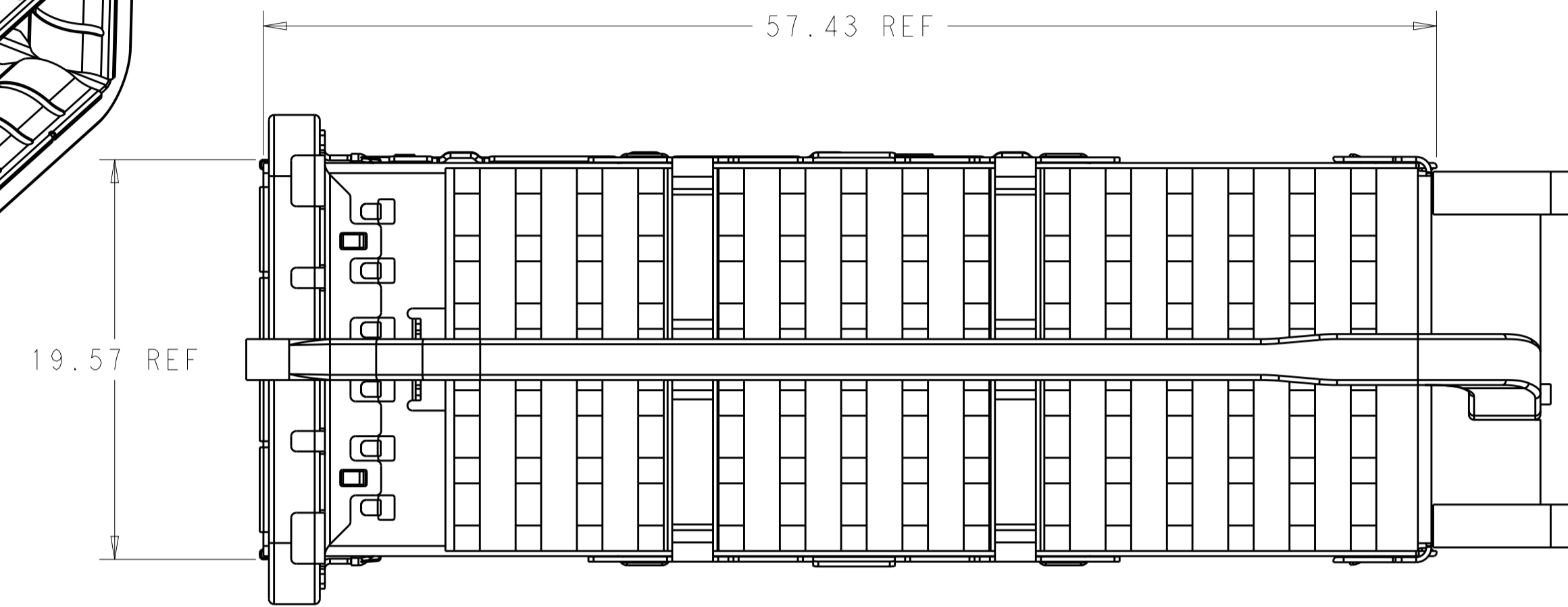
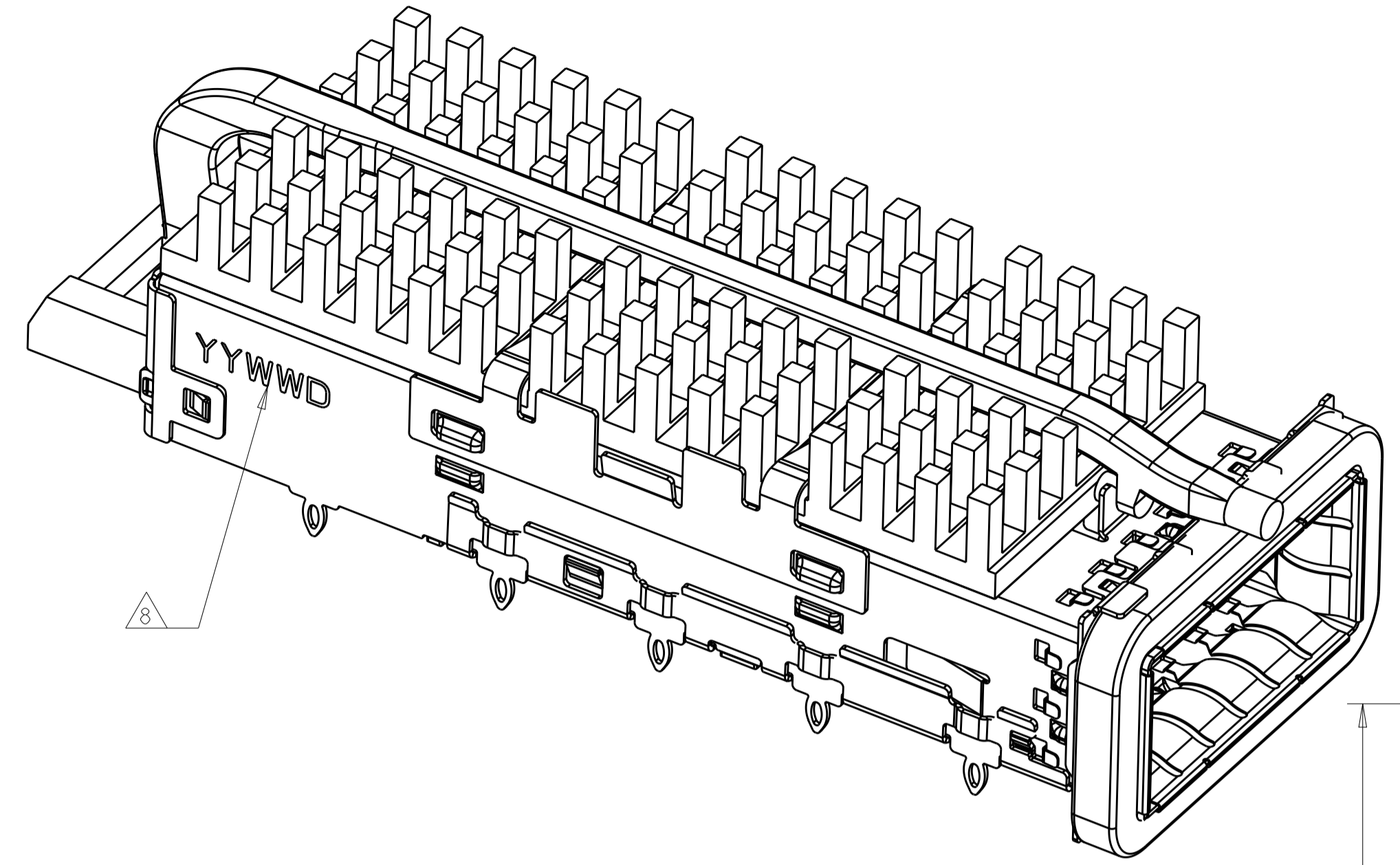
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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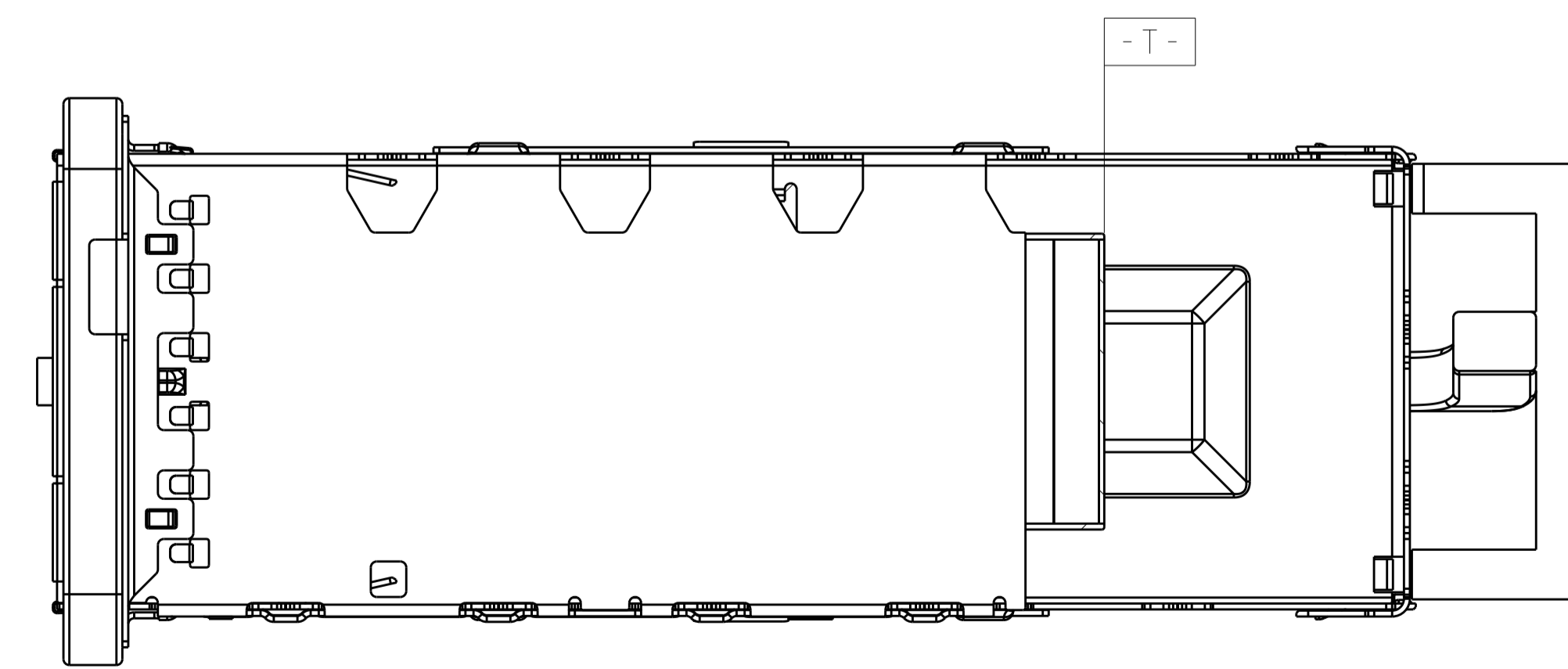
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LOC		DIST		REVISIONS			
		P	LTH	DESCRIPTION	DATE	DNW	APVD
		A		RELEASE	30DEC2015	JY	SH



DETAIL A
SCALE 8:1



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

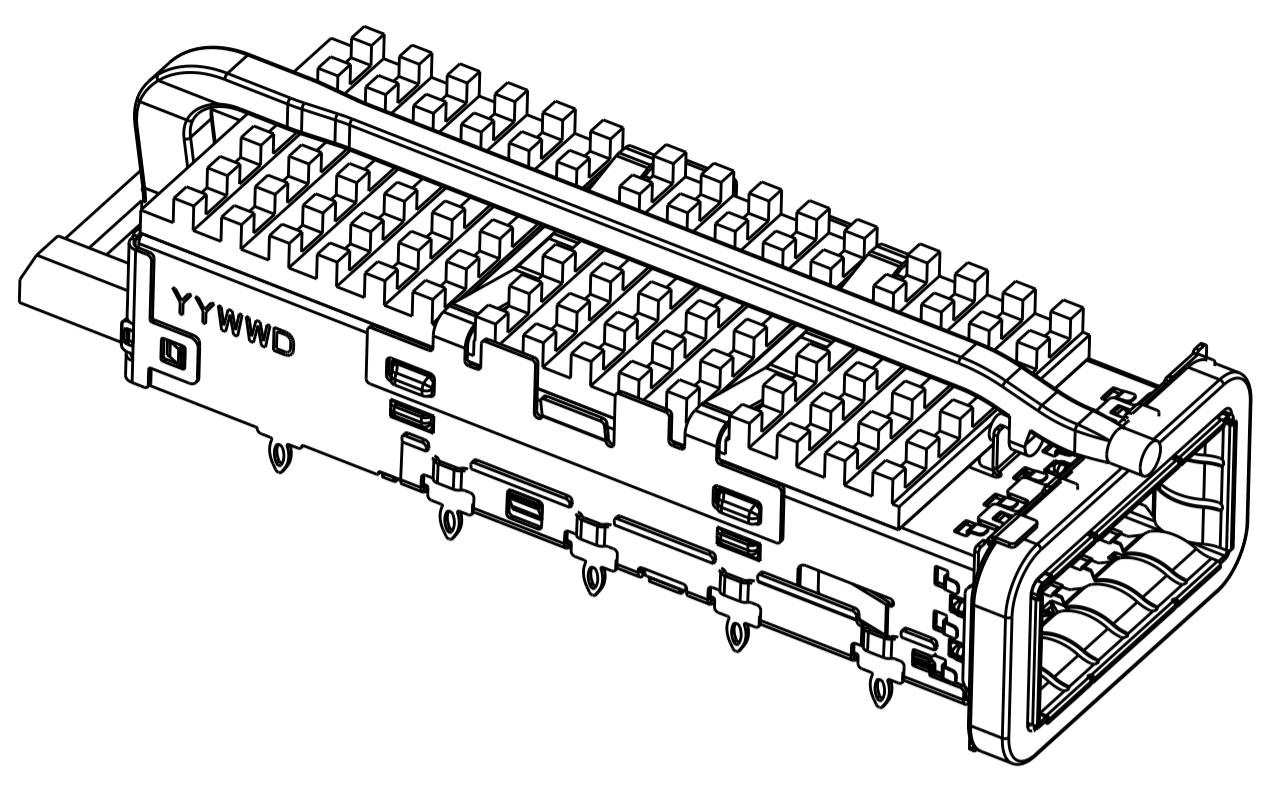
9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

2170754-2 AS SHOWN

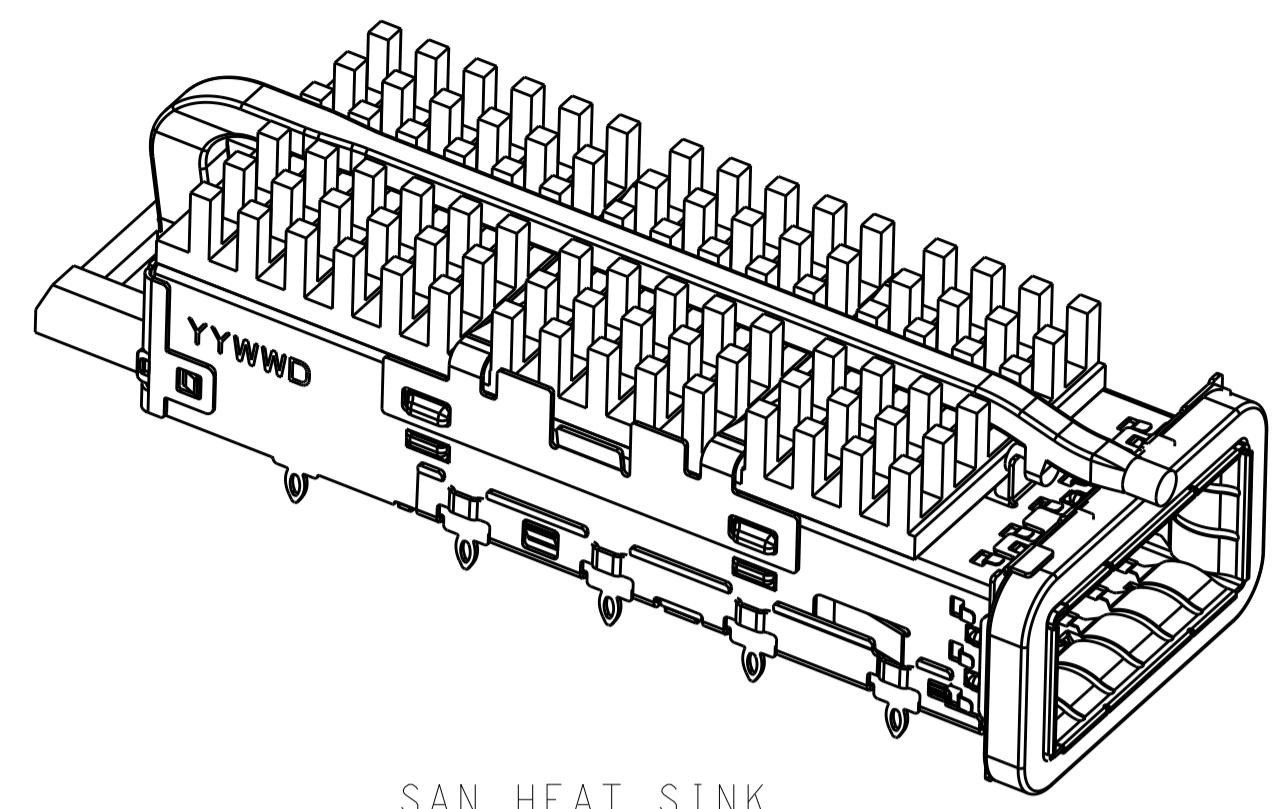
THIS DRAWING IS A CONTROLLED DOCUMENT.		DNW: JASON YANG 01APR2014	TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		108-19428	
mm		APPLICATION SPEC	
0 PLC ±0.25		114-32023	
1 PLC ±0.25		WEIGHT	
2 PLC ±0.25		CUSTOMER DRAWING	
3 PLC ±0.25		SCALE 4:1	
4 PLC ±0.100		SHEET 1 OF 7	
ANGLES ±°		REV A	
FINISH		RESTRICTED TO	
		A100779C=2170754	

LOC		DIST		REVISIONS			
P	LYR	DESCRIPTION	DATE	OWN	APVD		
-	-	SEE SHEET 1	-	-	-		

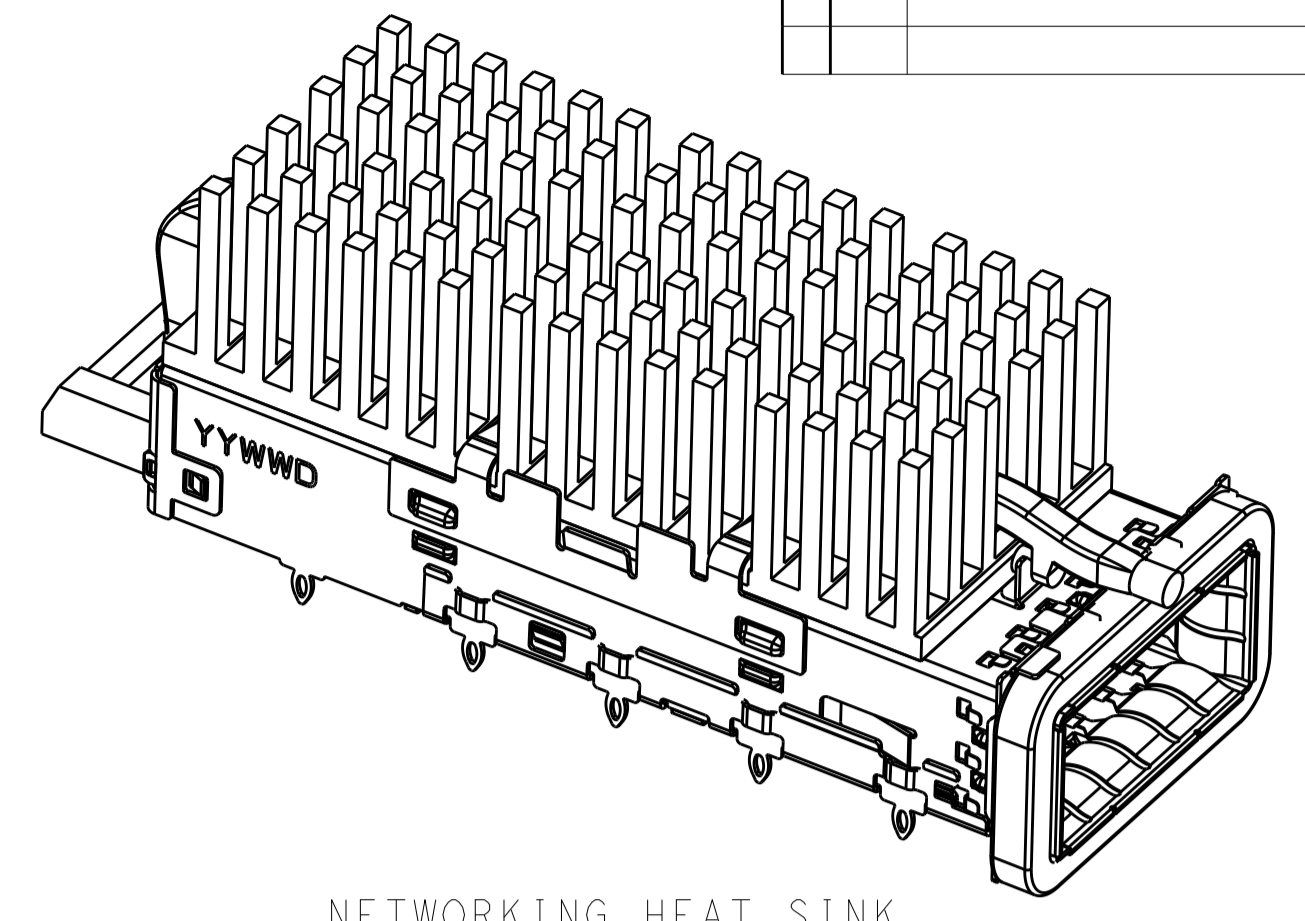
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 5:2

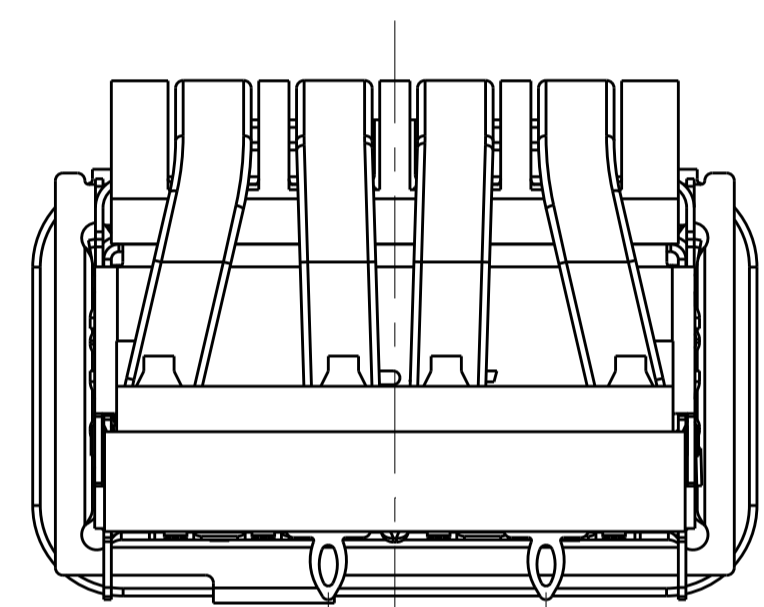


SAN HEAT SINK
SCALE 5:2



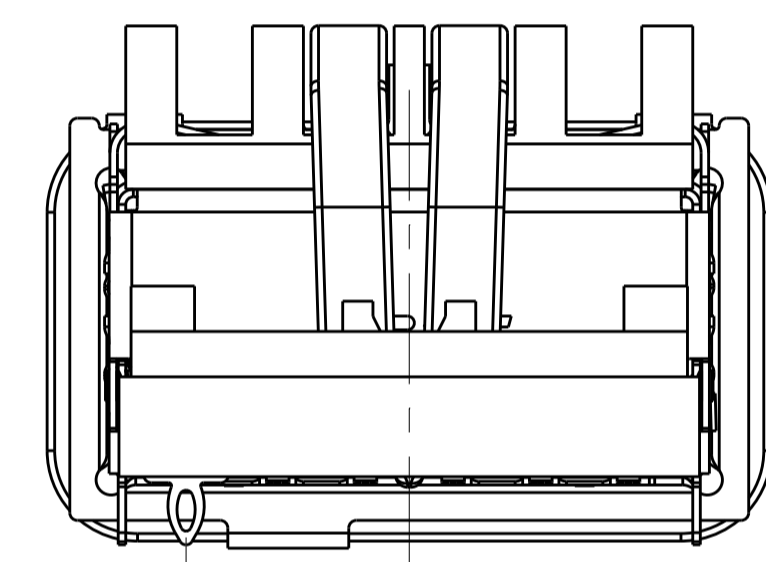
NETWORKING HEAT SINK
SCALE 5:2

OF REAR LEGS OPTIONS



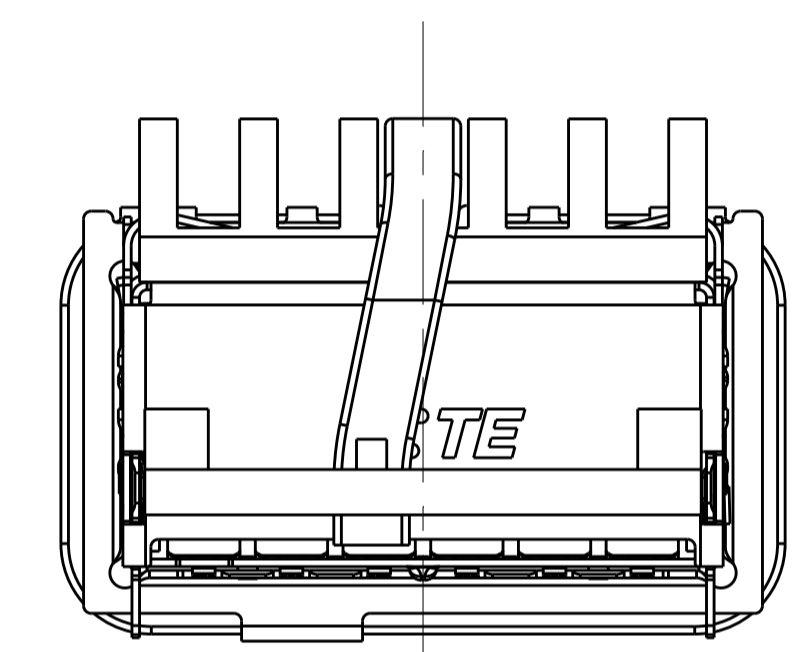
(2.20) (5.00)

2 REAR LEGS
SCALE 4:1



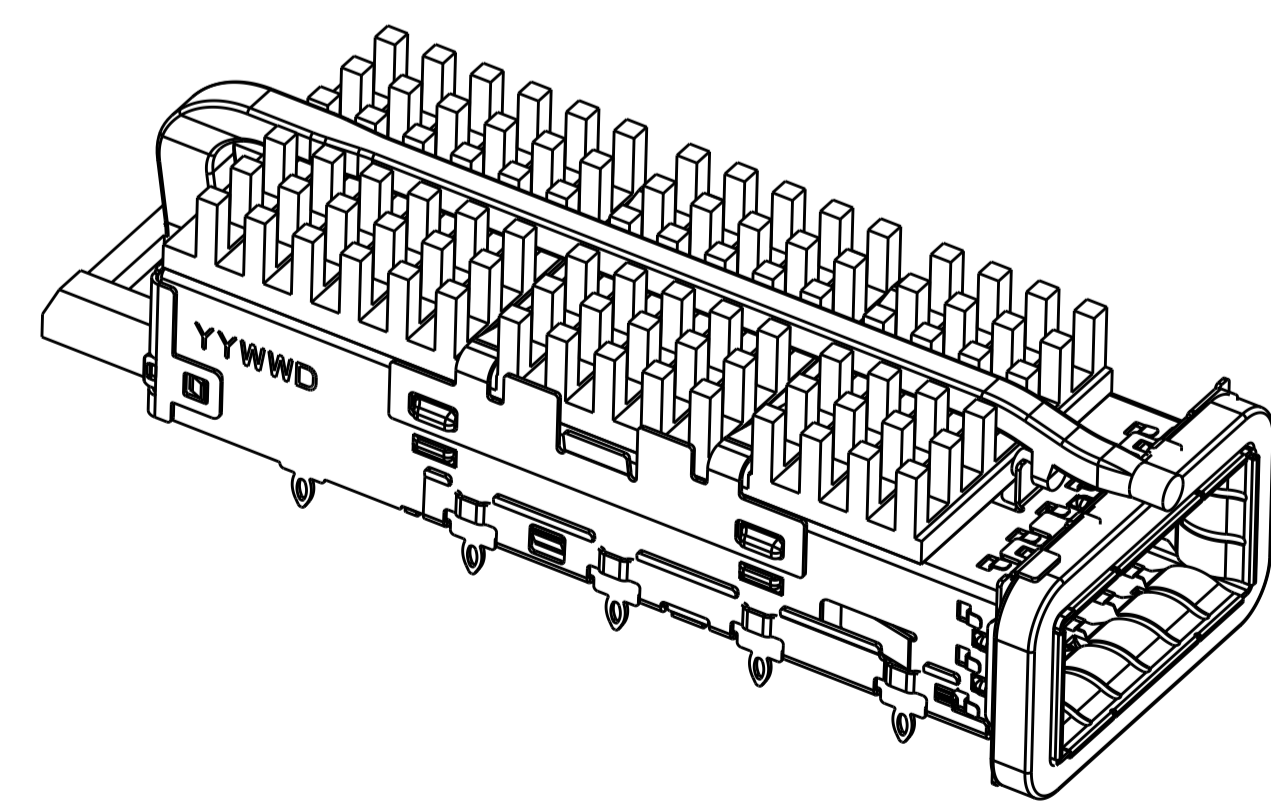
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1 REAR LEG
SCALE 4:1

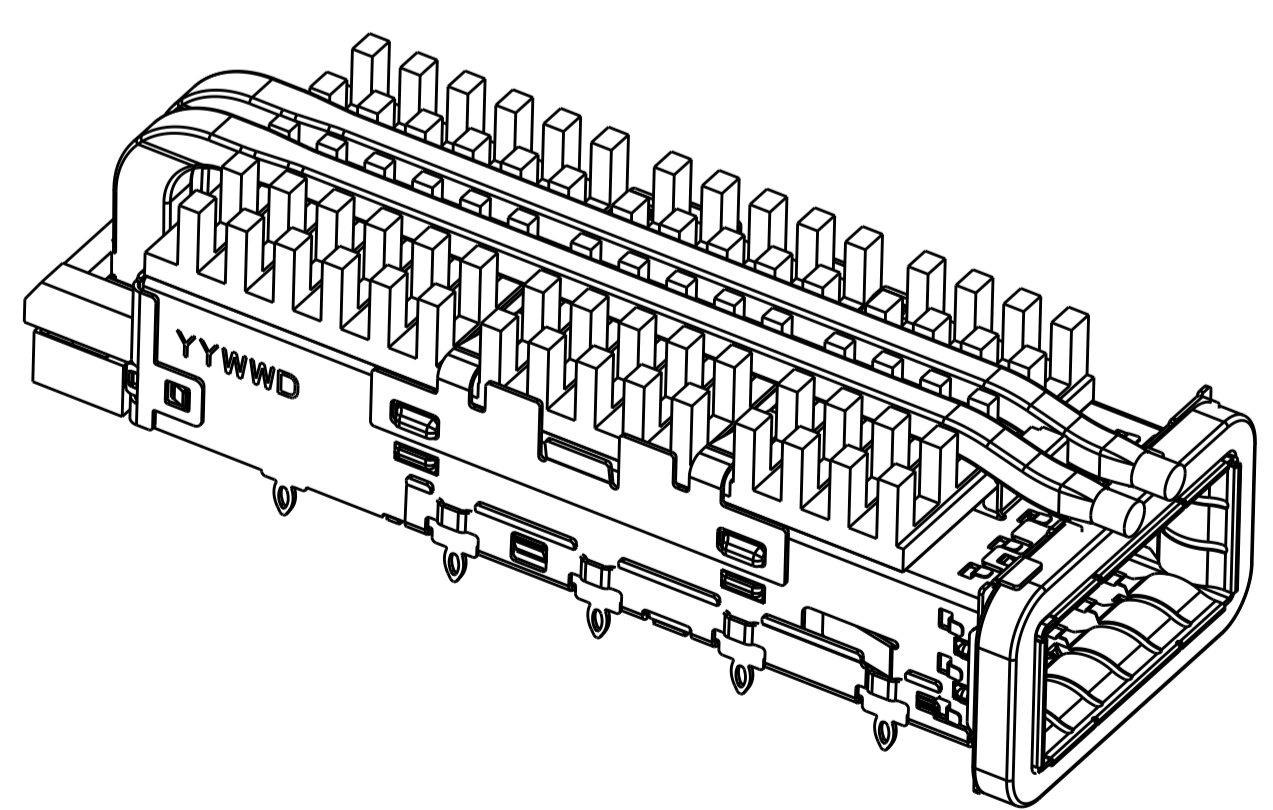


0 REAR LEG
SCALE 4:1

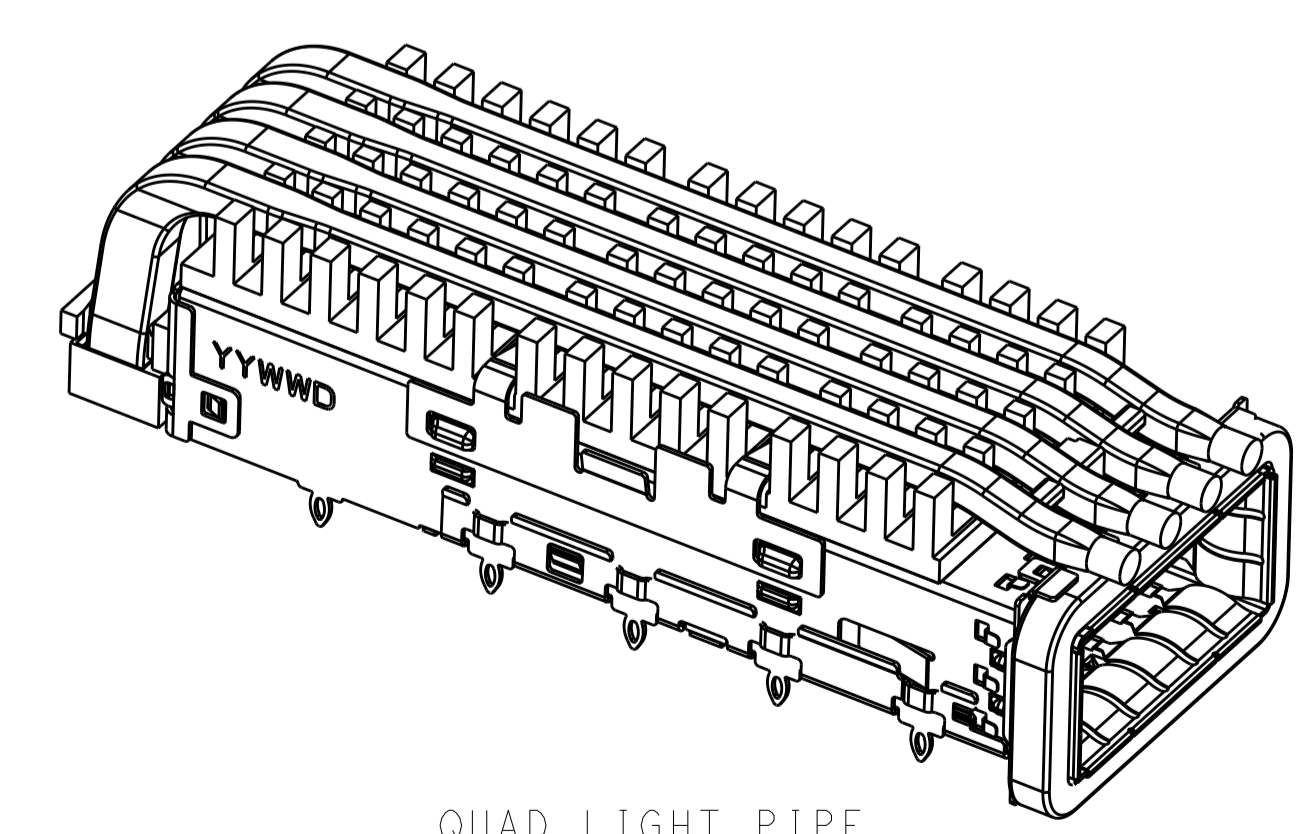
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2




QUAD LIGHT PIPE
SCALE 5:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 01APR2014	TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE	
mm	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.100 ANGLES ±°	PRODUCT SPEC: 108-19428	RESTRICTED TO:
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC: 114-32023	SIZE: A1
MATERIAL:		WEIGHT:	CAGE CODE: 2170754
FINISH:		Customer Drawing	SCALE: 4:1 SHEET 2 OF 7 REV A

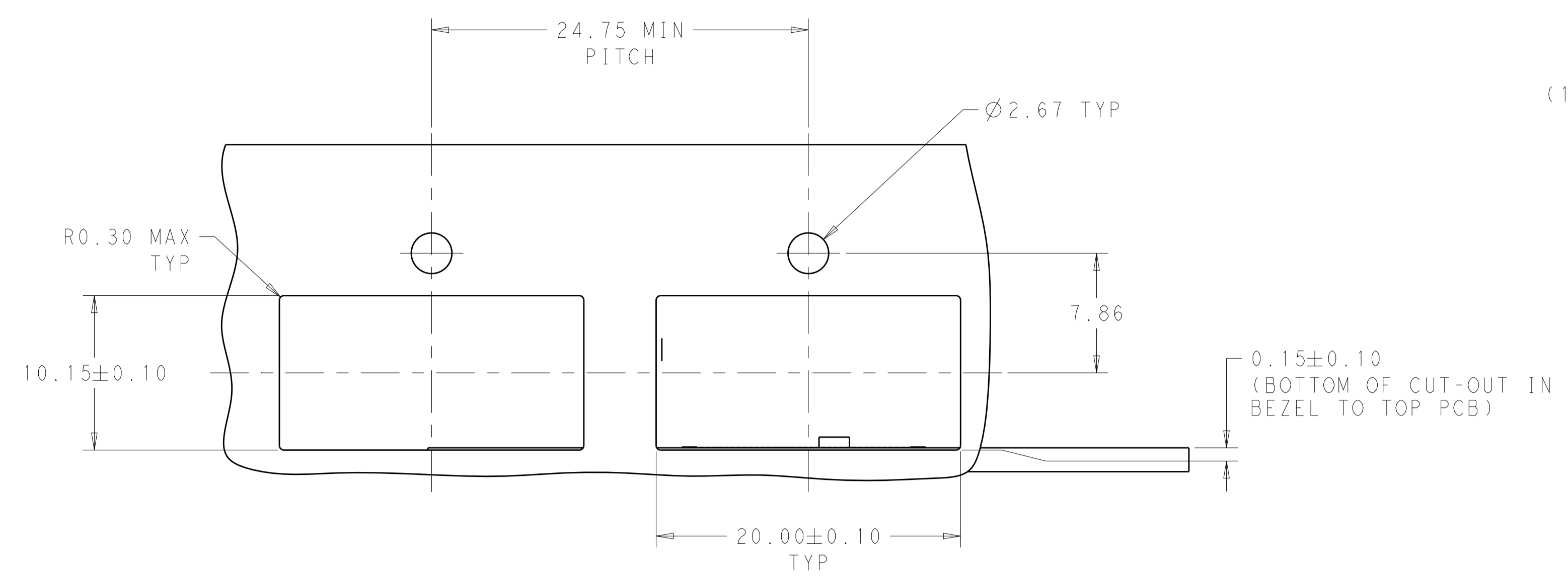
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LOC	DIST	REVISIONS					
		P.	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

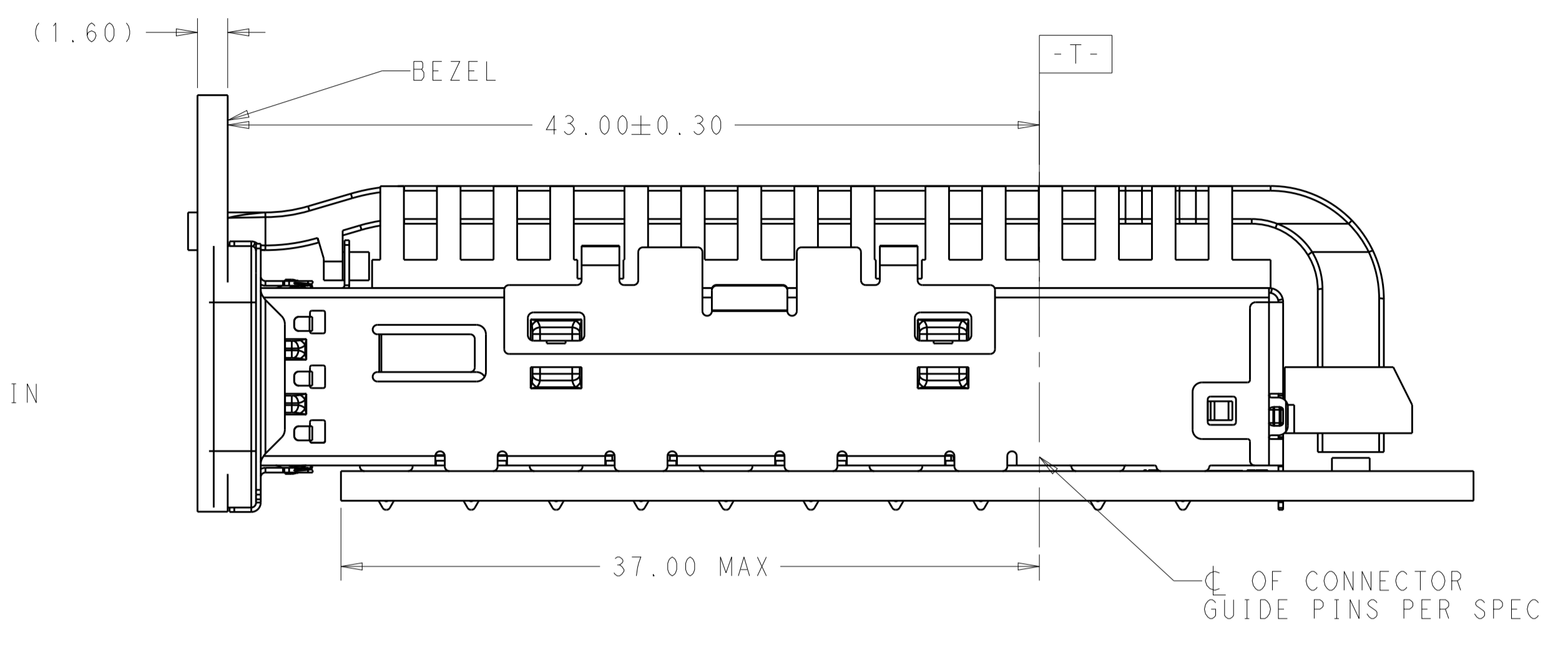
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1	16.0	SAN	QUAD	4-2170754-8
1	13.7	PCI	QUAD	4-2170754-7
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0	13.7	PCI	QUAD	4-2170754-4
2	23.0	NETWORKING	QUAD	4-2170754-3
2	16.0	SAN	QUAD	4-2170754-2
2	13.7	PCI	QUAD	4-2170754-1
1	23.0	NETWORKING	DUAL	2-2170754-9
1	16.0	SAN	DUAL	2-2170754-8
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0	13.7	PCI	DUAL	2-2170754-4
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2	16.0	SAN	DUAL	2-2170754-2
2	13.7	PCI	DUAL	2-2170754-1
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1	16.0	SAN	SINGLE	2170754-8
1	13.7	PCI	SINGLE	2170754-7
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0	16.0	SAN	SINGLE	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.		OWN: JASON YANG 01APR2014	 TE Connectivity
		CHK: SEAN HAN 30DEC2015	
DIMENSIONS:		NAME	
mm		CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
0 PLC ±0.25		108-19428	
1 PLC ±0.25		APPLICATION SPEC	
2 PLC ±0.20		114-32023	
3 PLC ±0.100		SIZE CAGE CODE DRAWING NO	
4 PLC ±		A100779C=2170754	
ANGLES ±°		RESTRICTED TO	
FINISH		WEIGHT	
-		-	
-		Customer Drawing	
		SCALE 4:1 SHEET 3 OF 7 REV A	

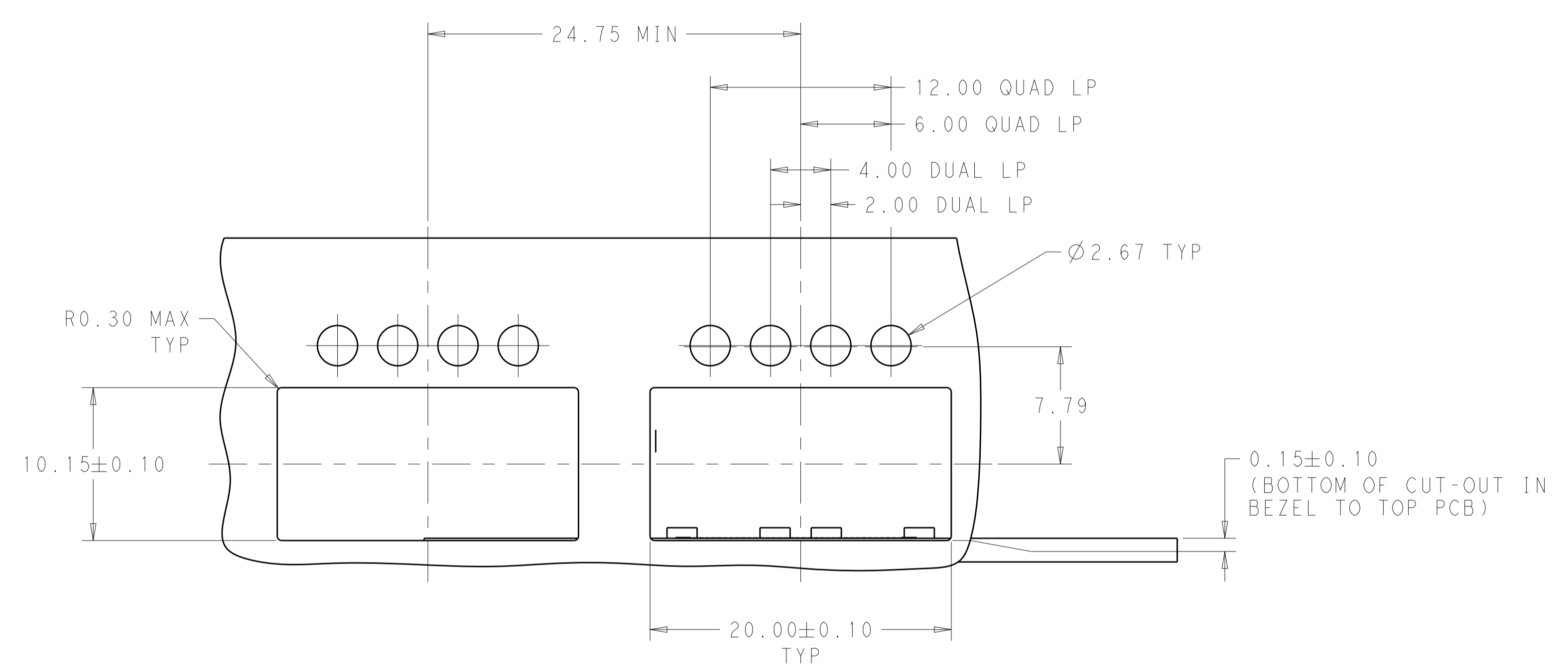
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P	LTN	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		



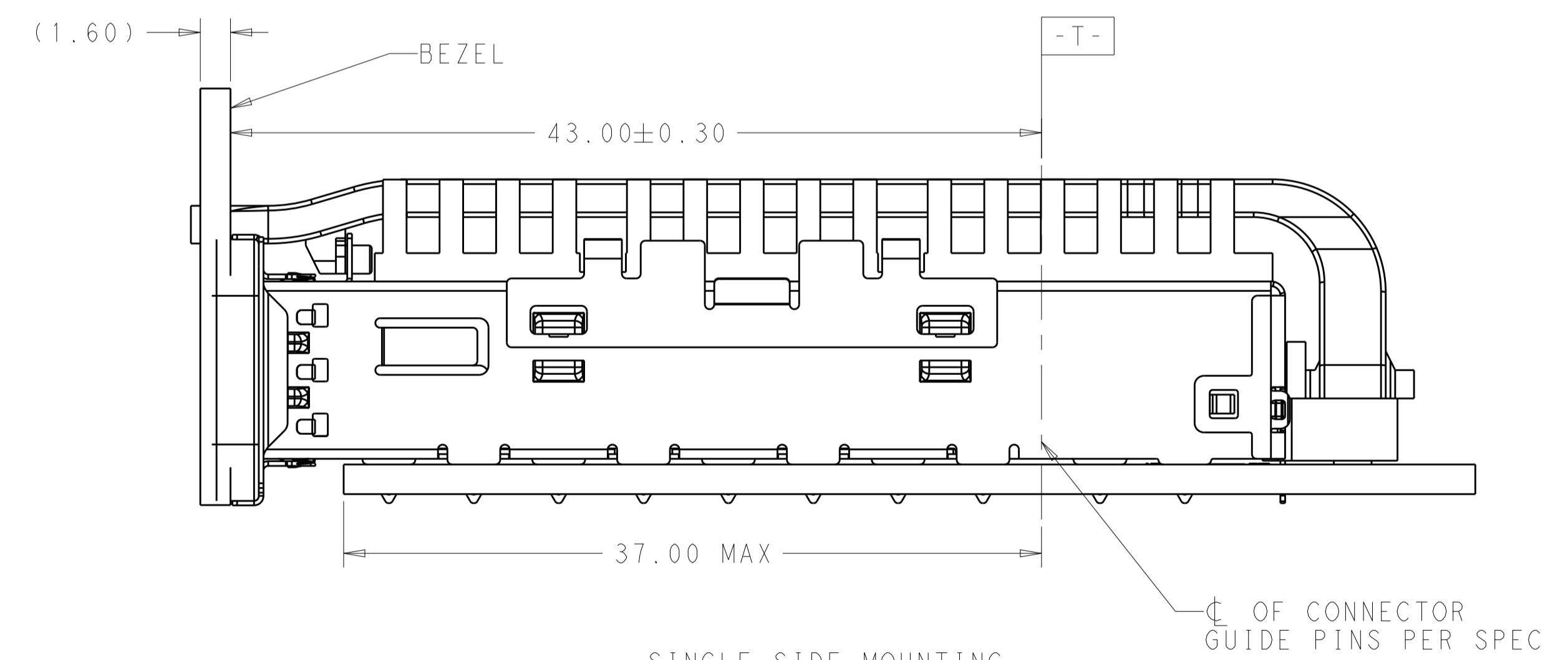
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1



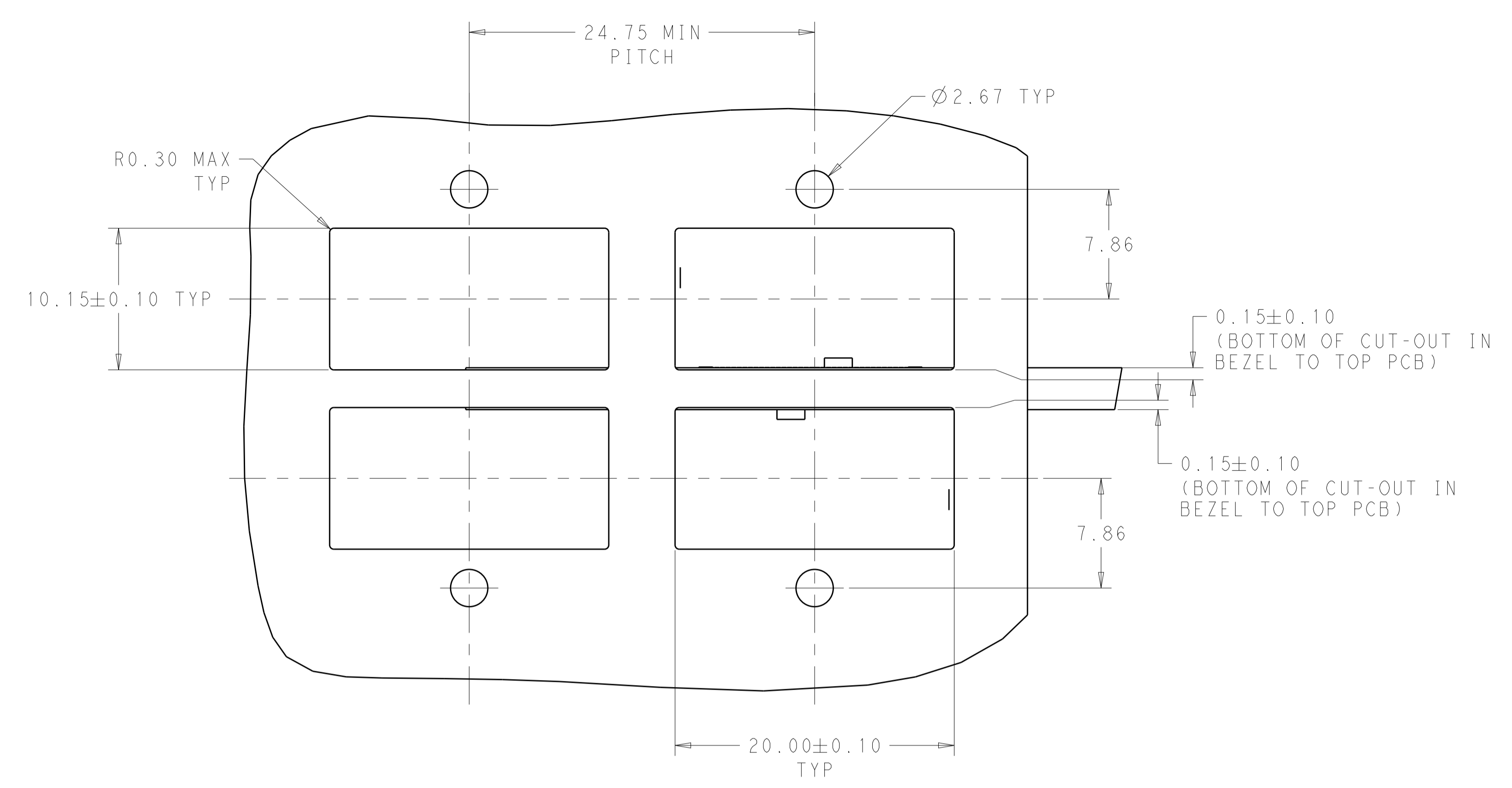
DUAL/QUAD LIGHT PIPE TYPE



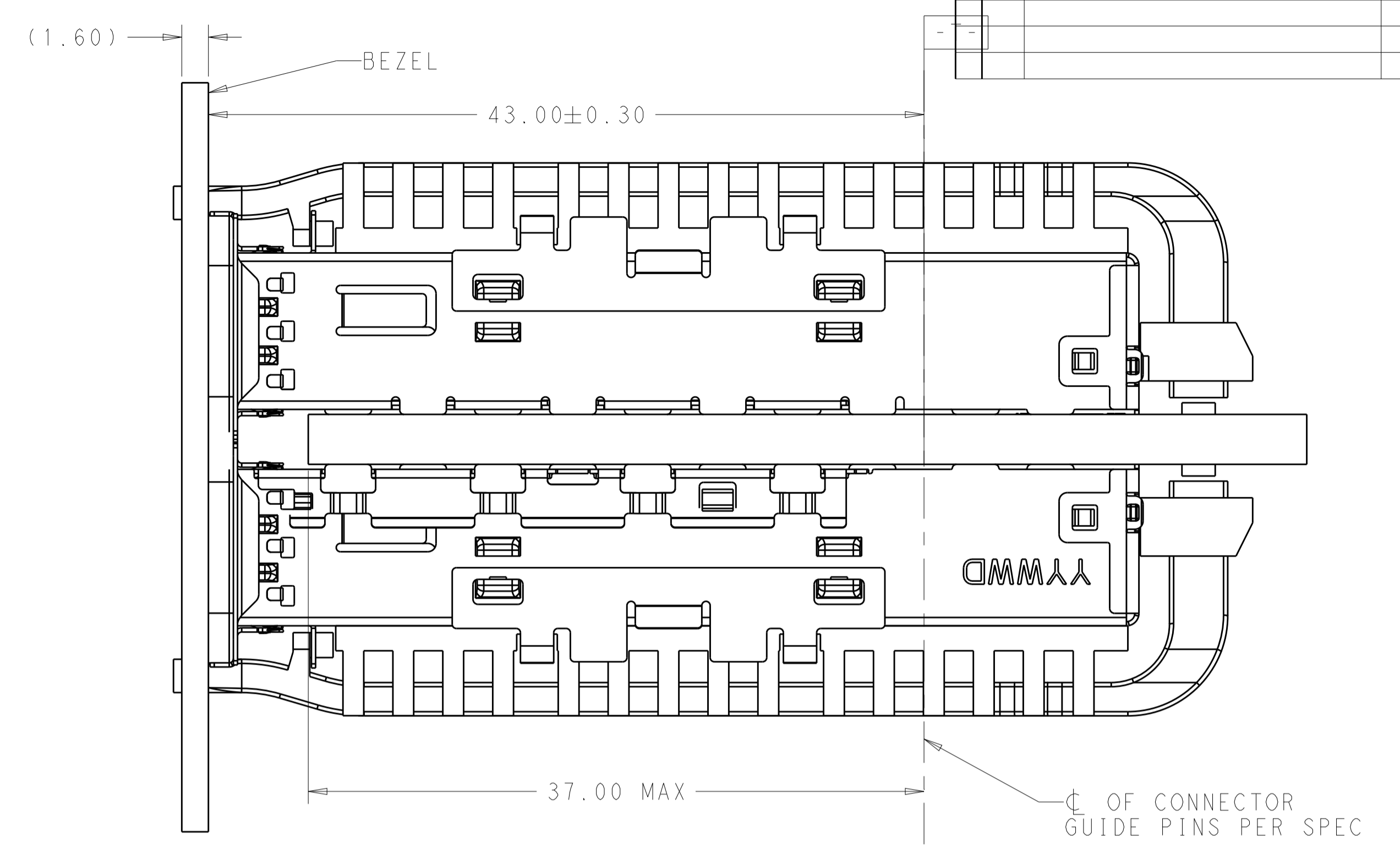
SINGLE SIDE MOUNTING
SCALE 4:1

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, LIGHT PIPE
0 PLC	±0.25	PRODUCT SPEC	SIZE: CAGE CODE DRAWING NO
1 PLC	±0.25	108-19428	RESTRICTED TO
2 PLC	±0.20	APPLICATION SPEC	A100779C=2170754
3 PLC	±0.100	114-32023	SCALE: 4:1 SHEET 4 OF 7 REV A
4 PLC	±	Customer Drawing	
ANGLES	±		
MATERIAL			
FINISH			

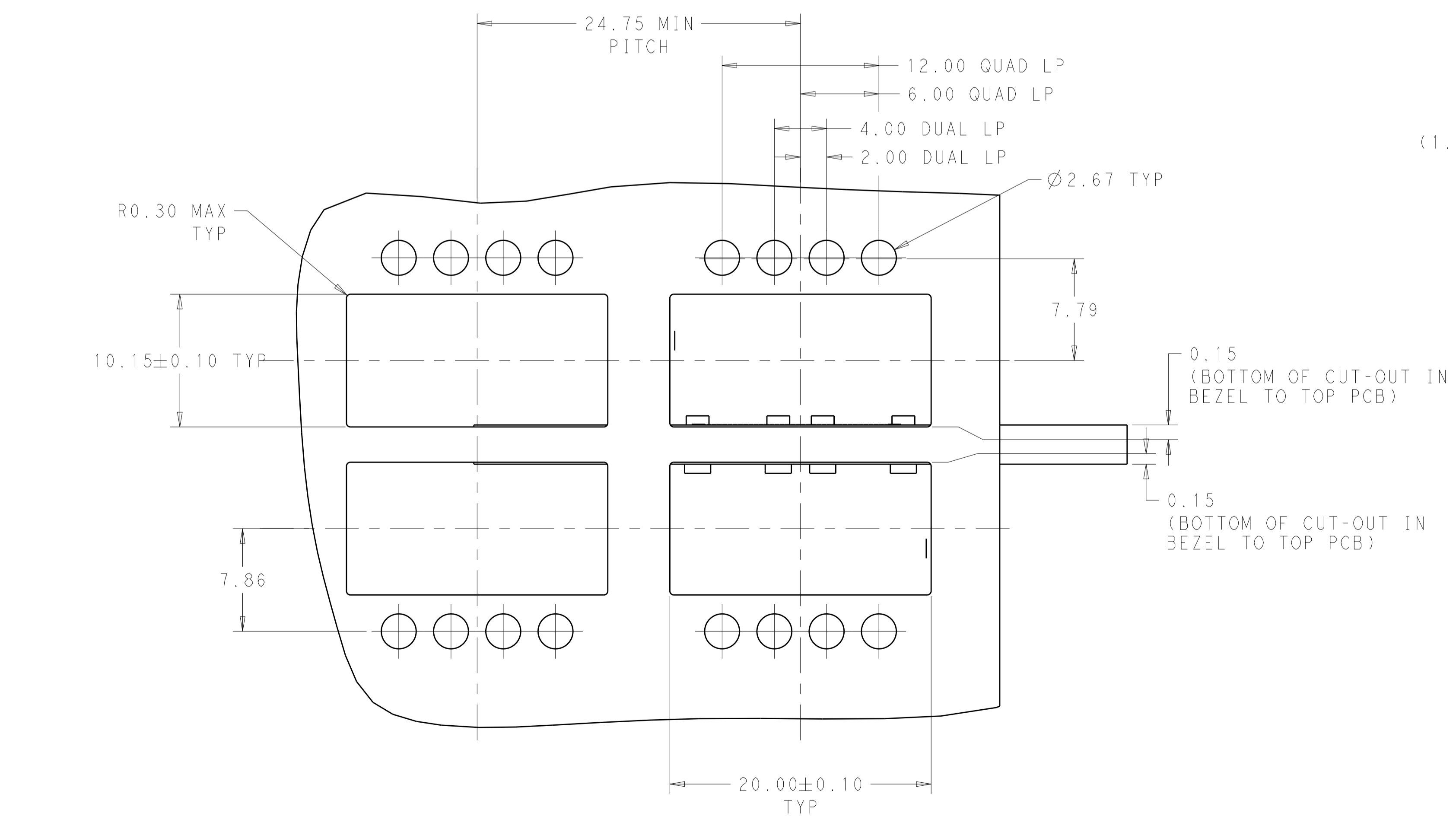
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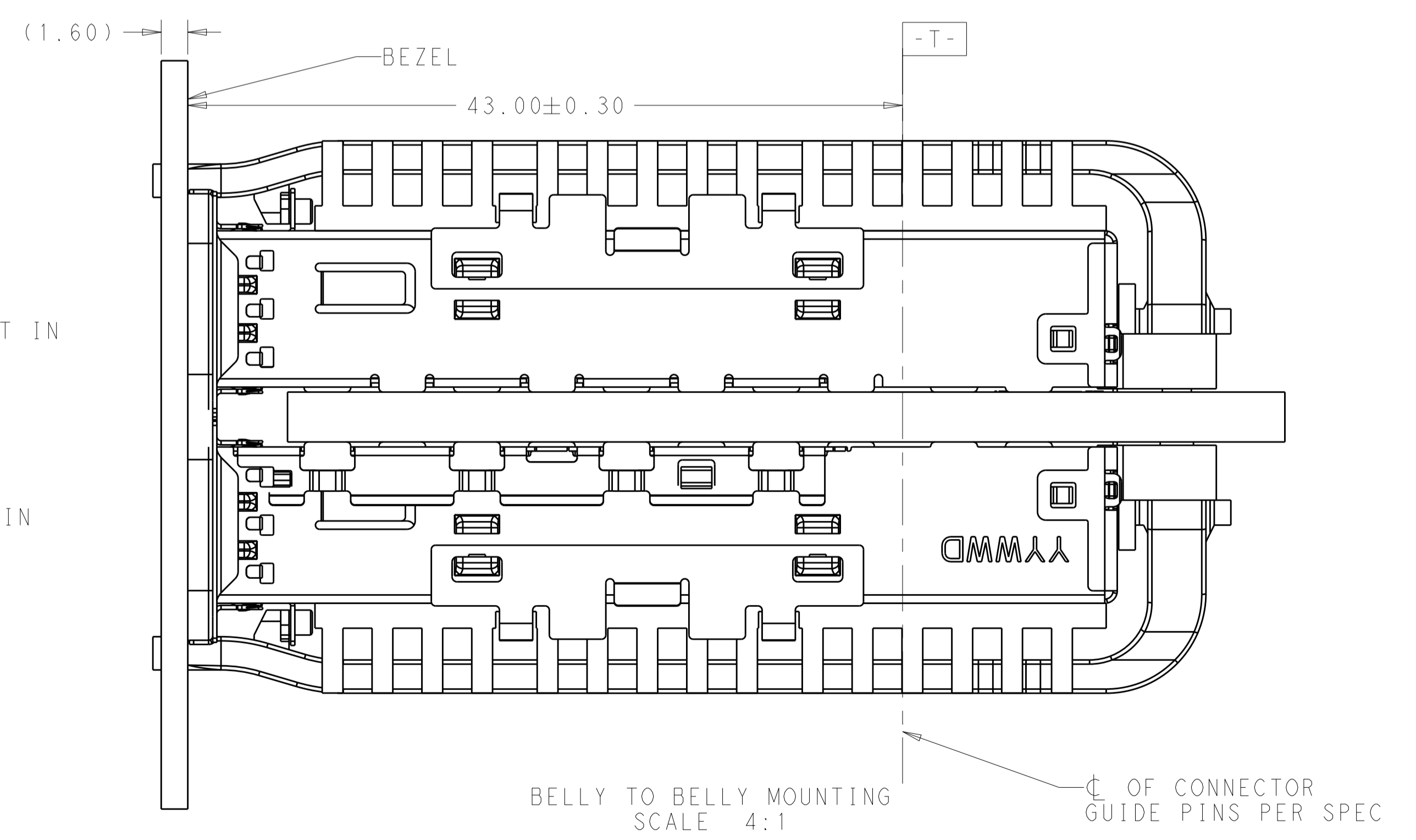
SINGLE LIGHT PIPE TYPE



BELLY TO BELLY MOUNTING
SCALE 4:1



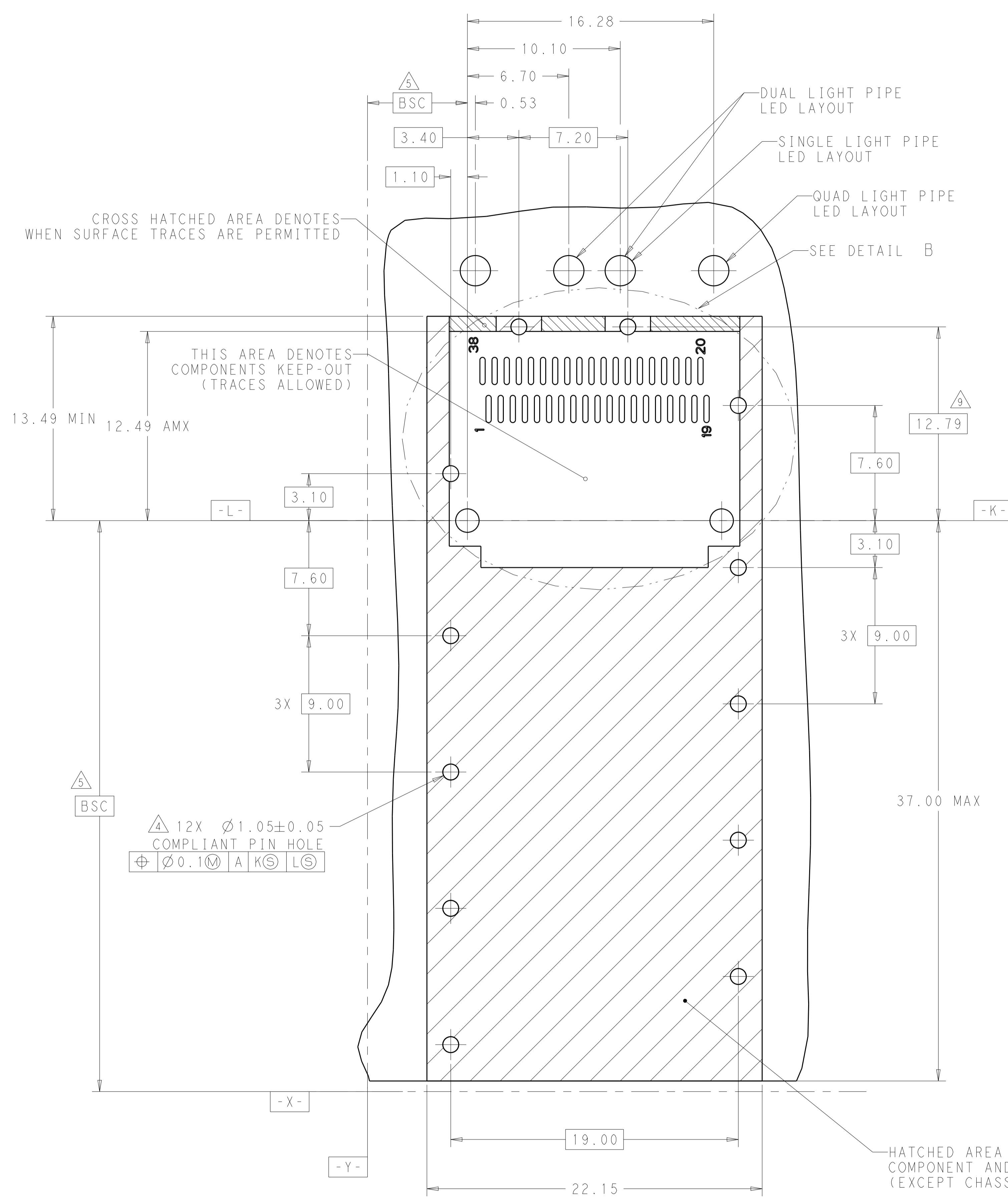
DUAL/QUAD LIGHT PIPE TYPE



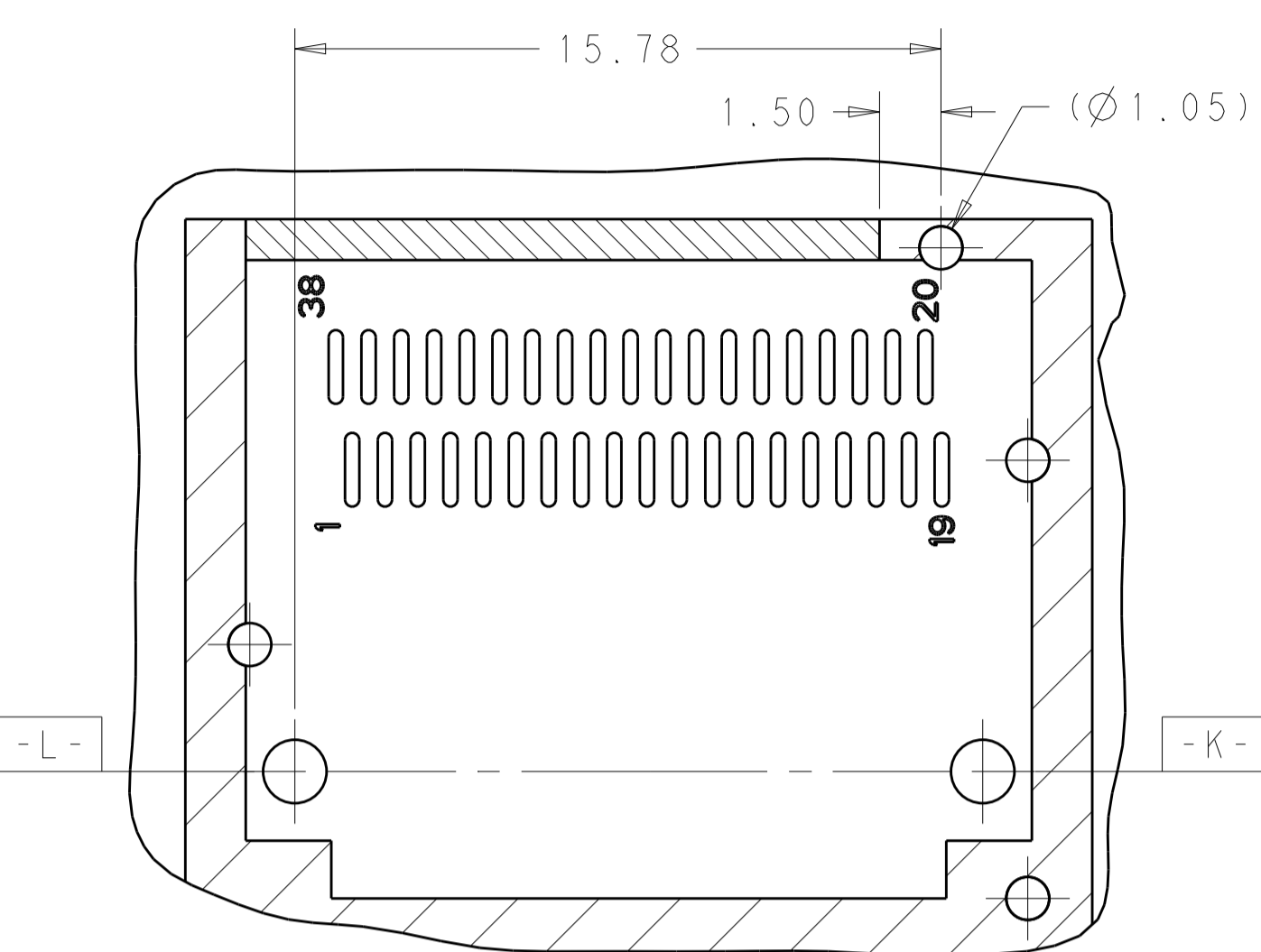
BELLY TO BELLY MOUNTING
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 01APR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 30DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME: CAGE ASSEMBLY, QSP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE
0 PLC	±0.25	PRODUCT SPEC	108-19428
1 PLC	±0.25	APPLICATION SPEC	114-32023
2 PLC	±0.20	SIZE	A100779
3 PLC	±0.20	CAGE CODE	C=2170754
4 PLC	±0.100	DRAWING NO	SCALE 4:1
ANGLES	±°	WEIGHT	SHEET 5 OF 7
MATERIAL	FINISH	Customer Drawing	REV A

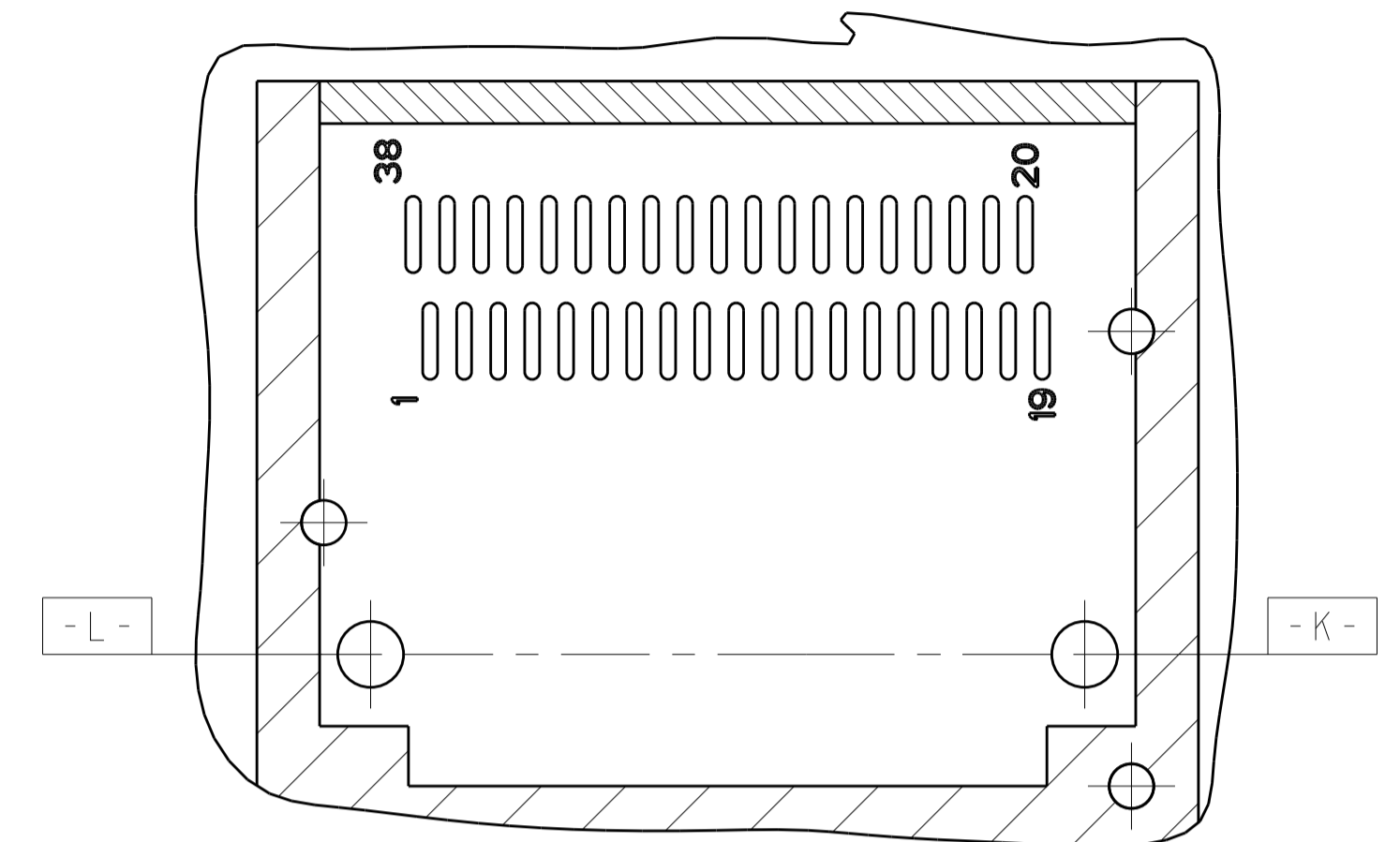
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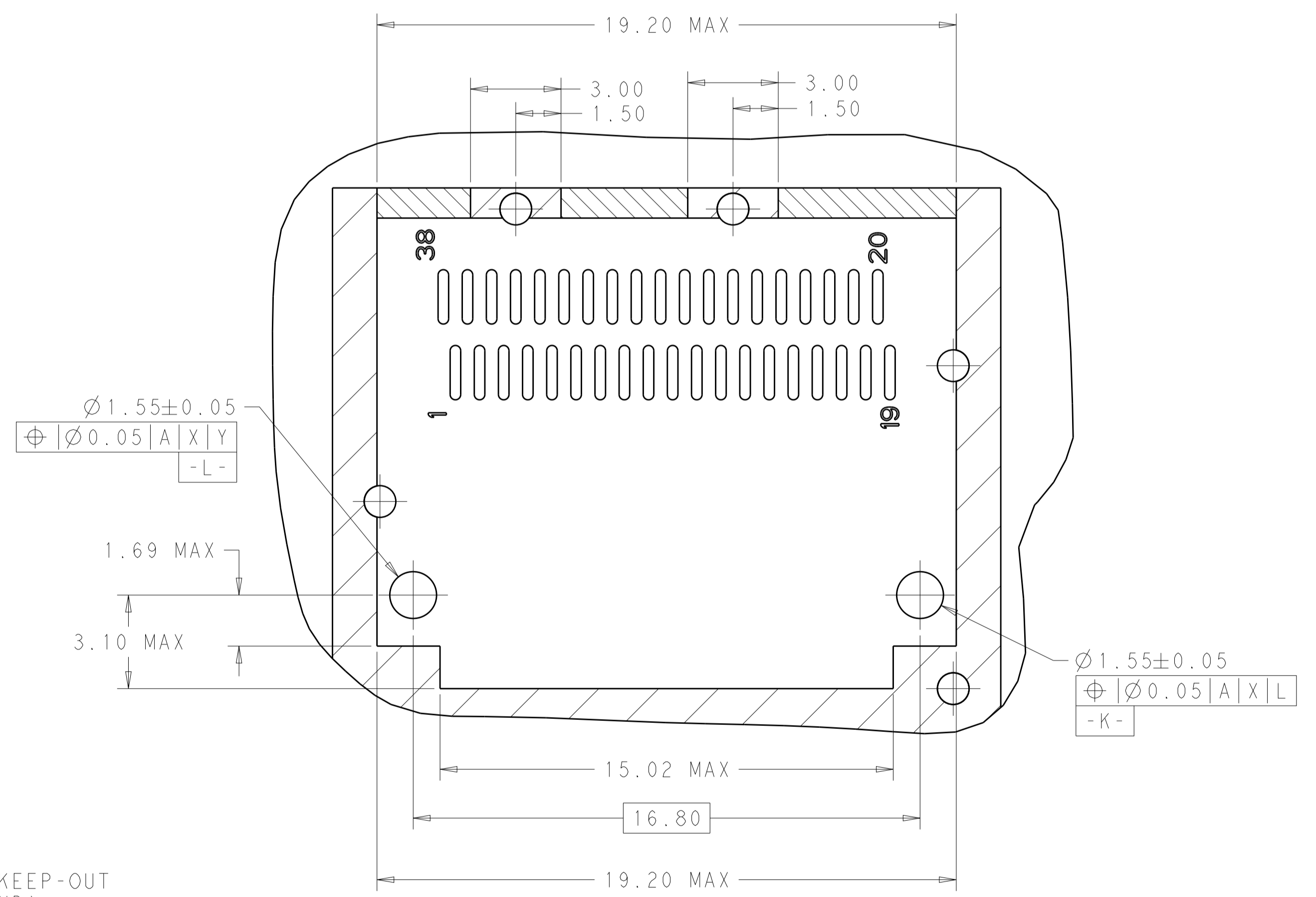
RECOMMENDED PCB LAYOUT
 SINGLE TYPE OF 2 REAR HOLES OF LEGS
 PCB TOLERANCE: ±0.05
 SCALE 6:1



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



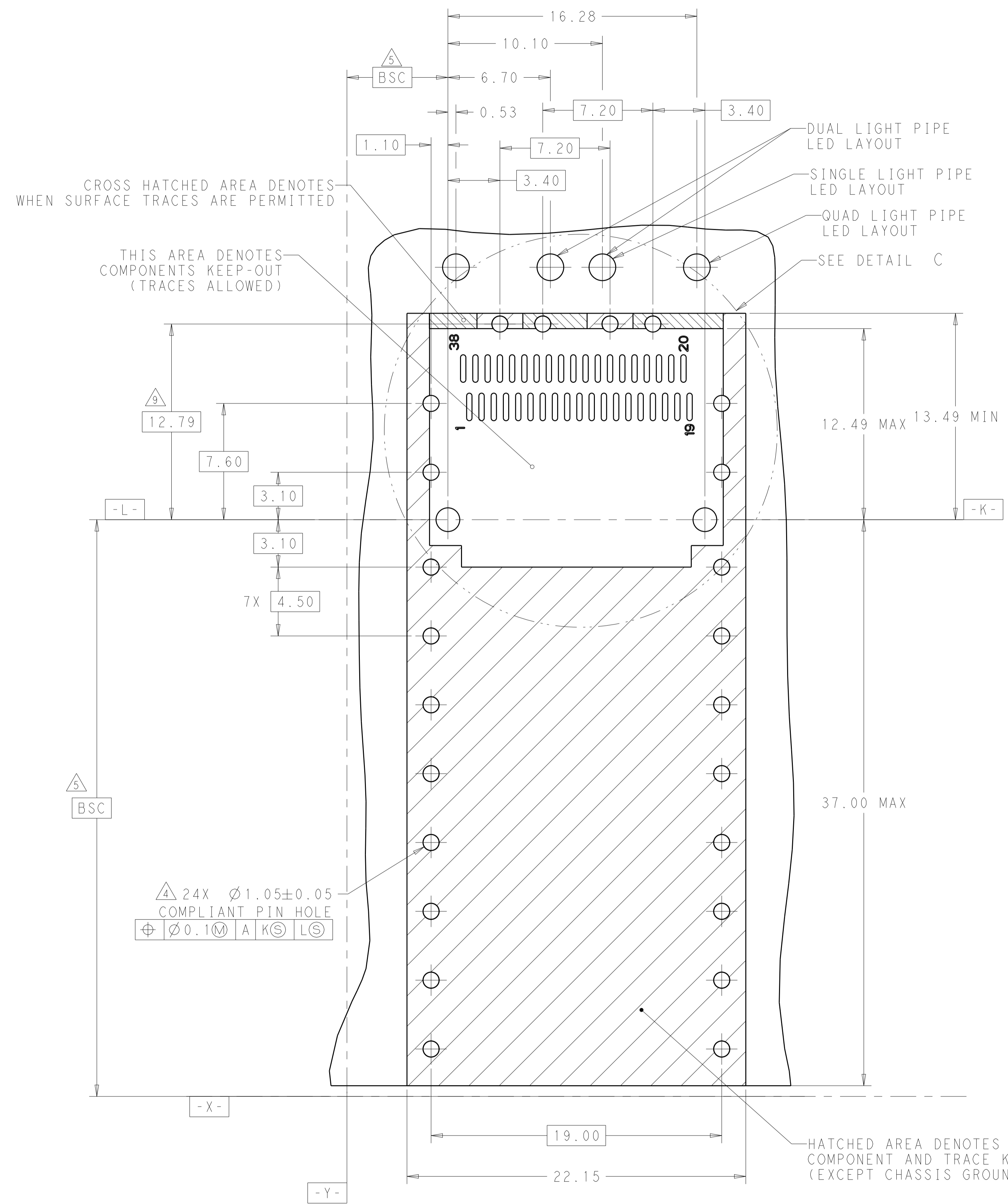
RECOMMENDED PCB LAYOUT
 SINGLE TYPE OF 0 REAR HOLES OF LEGS
 PCB TOLERANCE: ±0.05
 SCALE 6:1



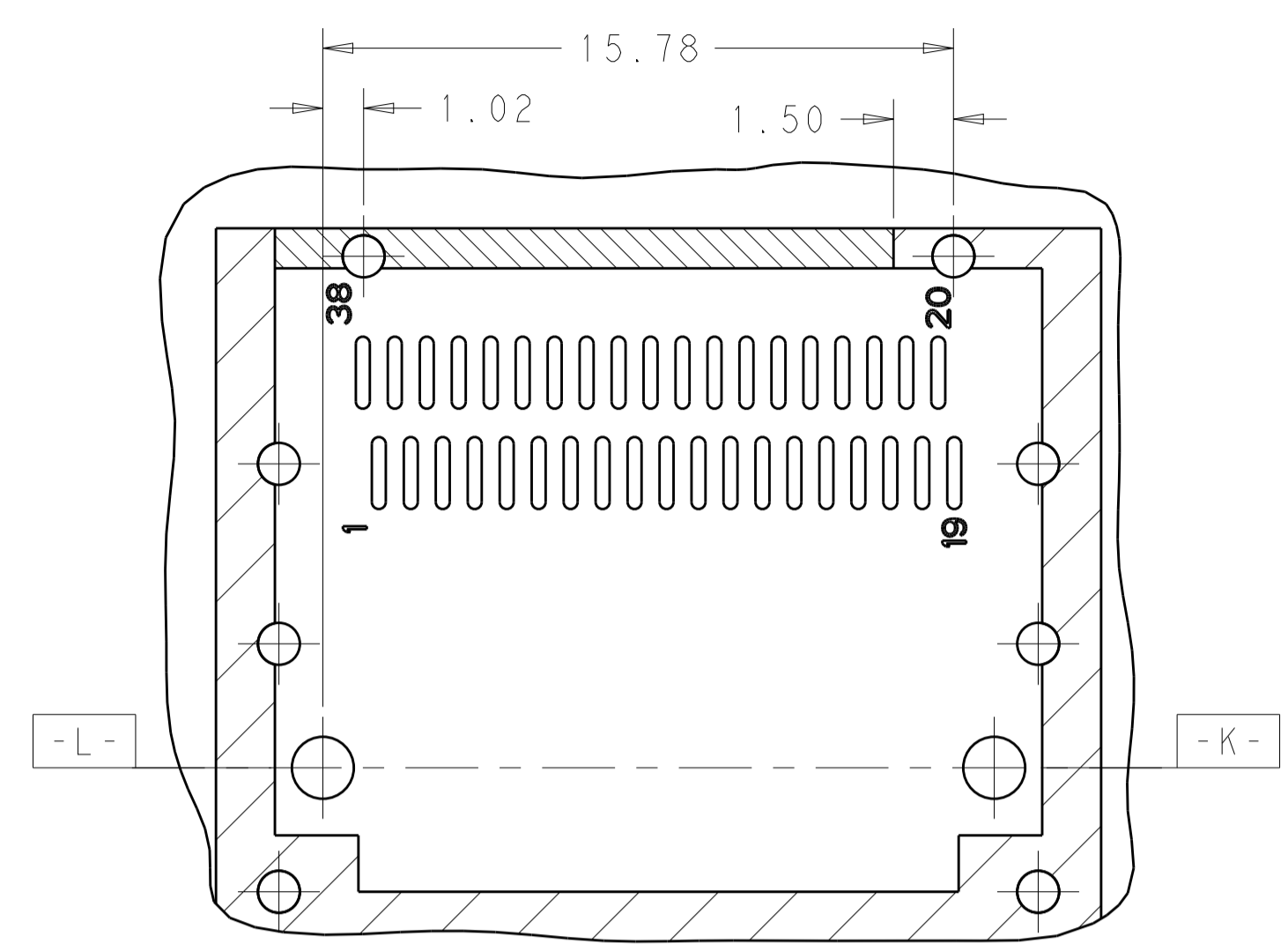
DETAIL B
 SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 01APR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 30DEC2015	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME: CAGE ASSEMBLY, QSPF28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE
0 PLC ±0.25	1 PLC ±0.25	PRODUCT SPEC 108-19428	SIZE: A100779
2 PLC ±0.20	3 PLC ±0.100	APPLICATION SPEC 114-32023	DRAWING NO: C=2170754
4 PLC ±	ANGLES ±	WEIGHT	RESTRICTED TO
MATERIAL	FINISH	Customer Drawing	SCALE 4:1 SHEET 6 OF 7 REV A

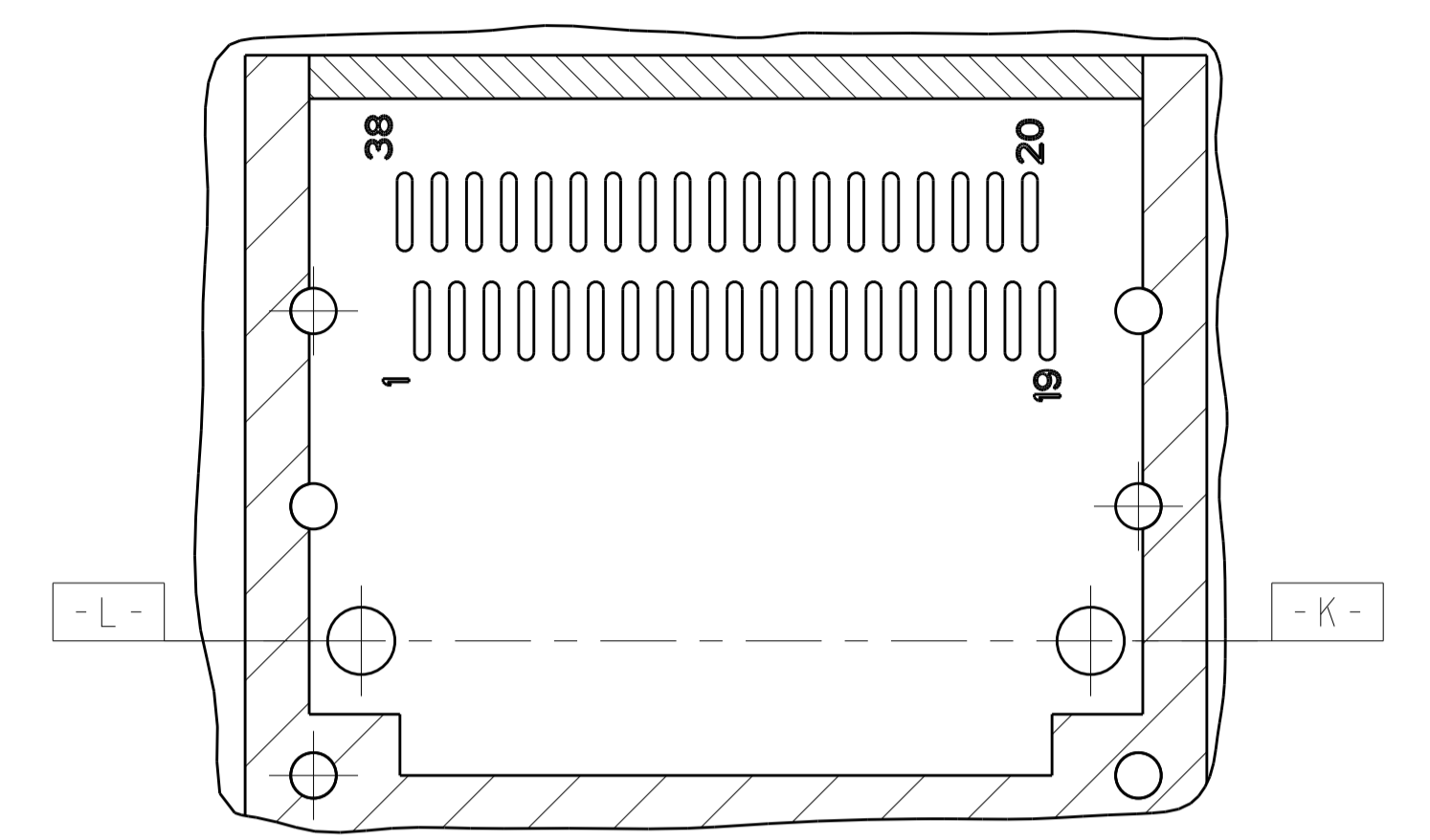
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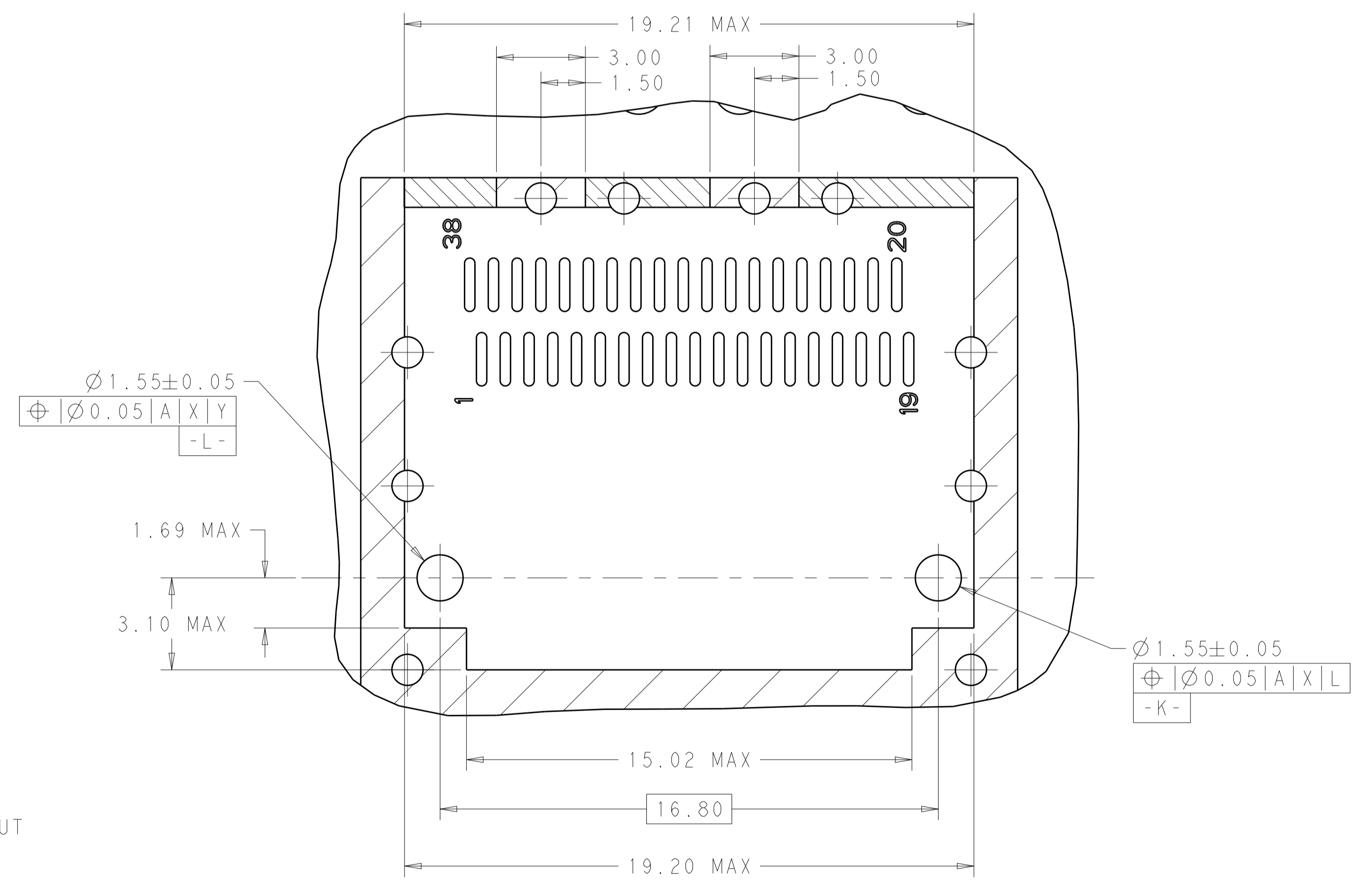
RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS
 PCB TOLERANCE: ± 0.05
 SCALE 6:1



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.		DWN: JASON YANG 01APR2014 CHK: SEAN HAN 30DEC2015 APVD:	NAME: CAGE ASSEMBLY, QSFP28 1X1, THRU BEZEL, WITH EMI GASKET HEAT SINK, LIGHT PIPE PRODUCT SPEC: 108-19428 APPLICATION SPEC: 114-32023 WEIGHT:	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2170754 RESTRICTED TO:
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:	MATERIAL: FINISH:	SCALE: 4:1 SHEET: 7 OF 7 REV: A	CUSTOMER DRAWING