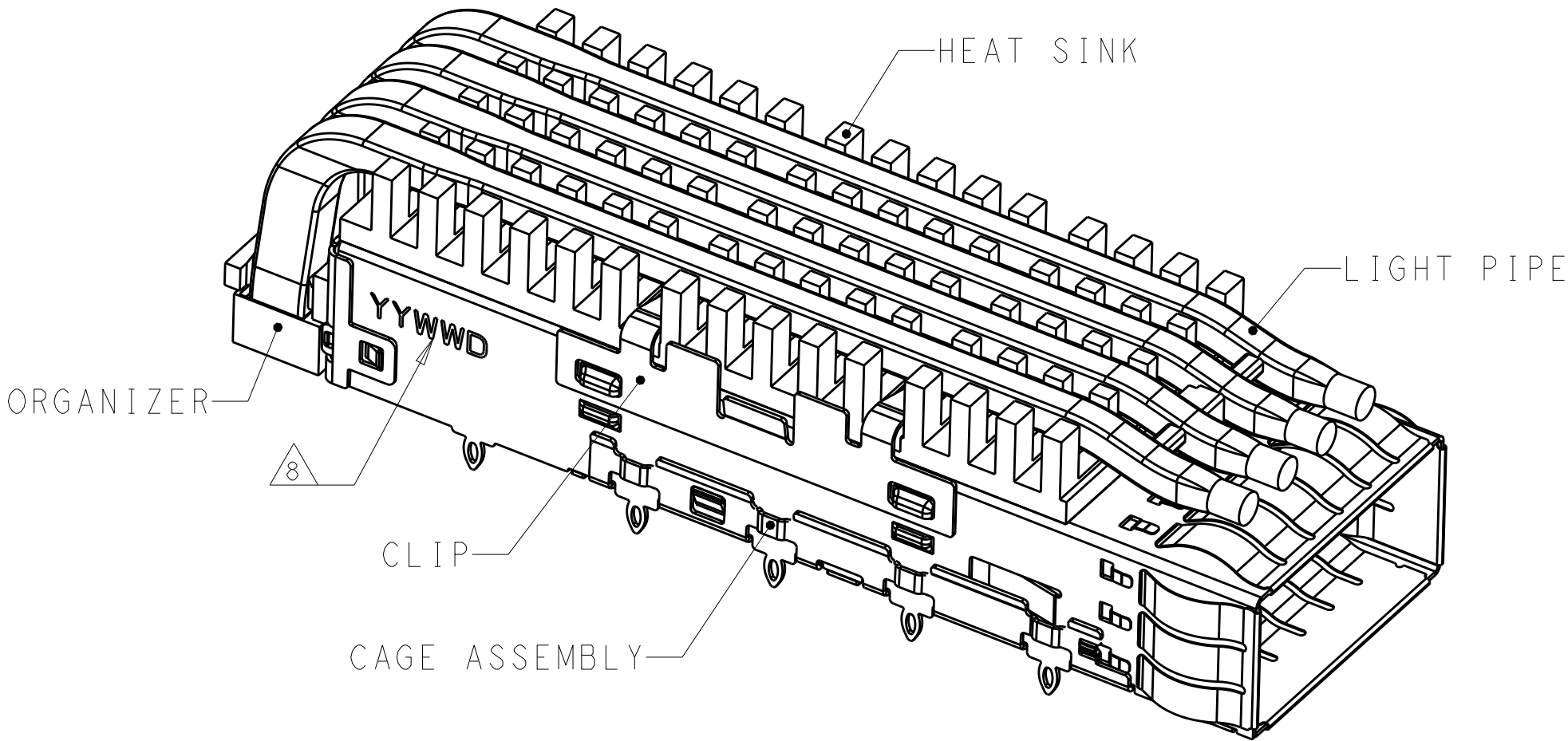
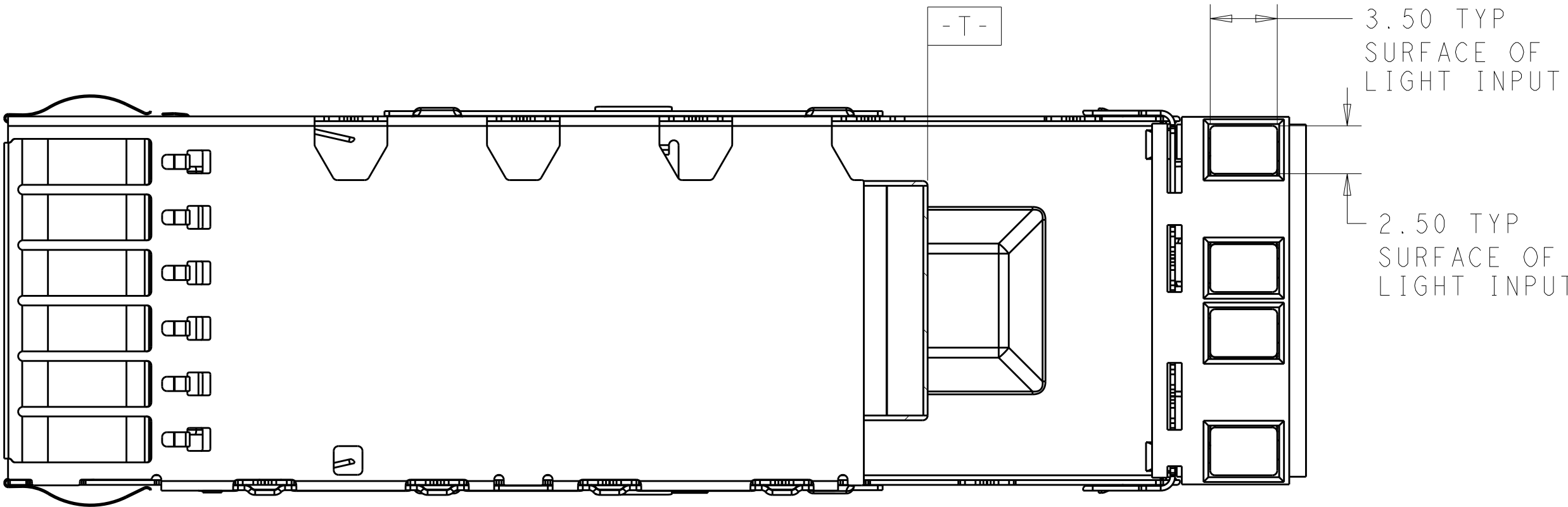
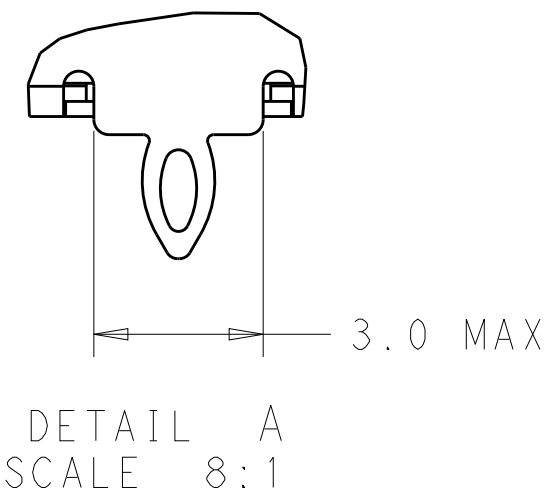
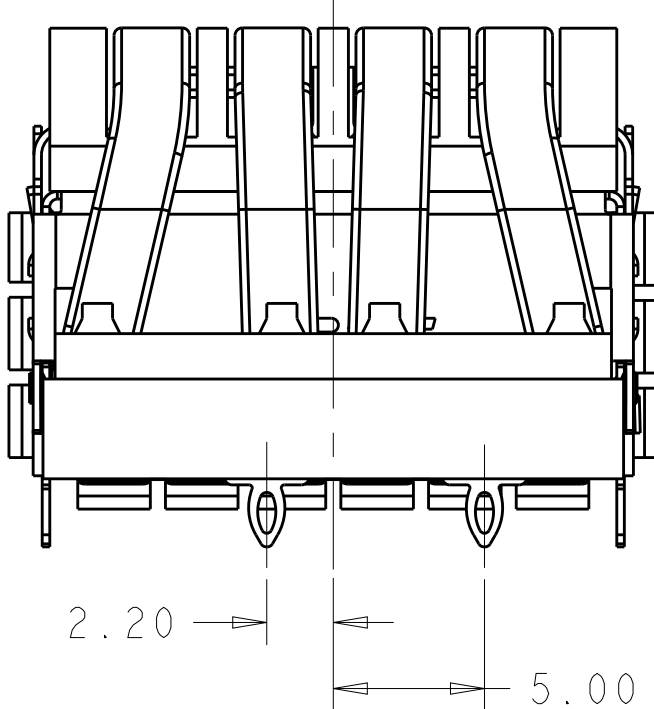
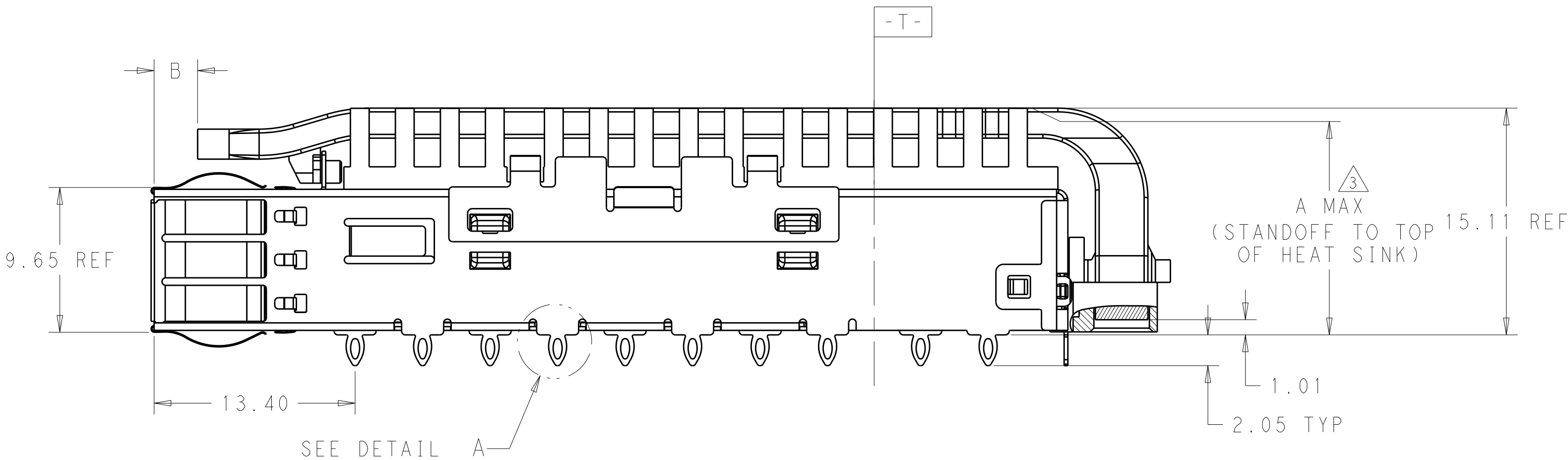
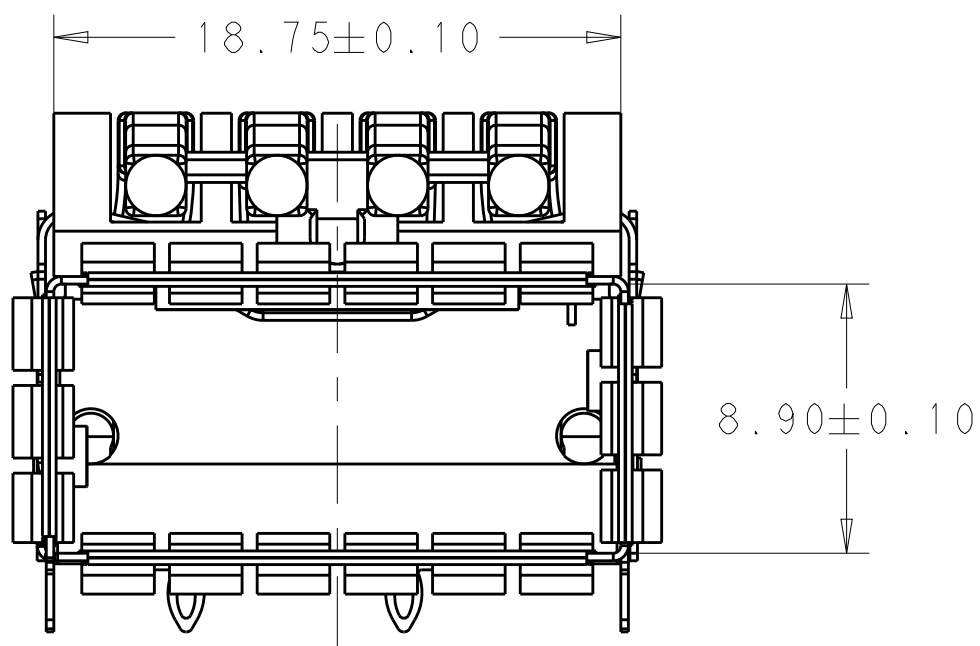
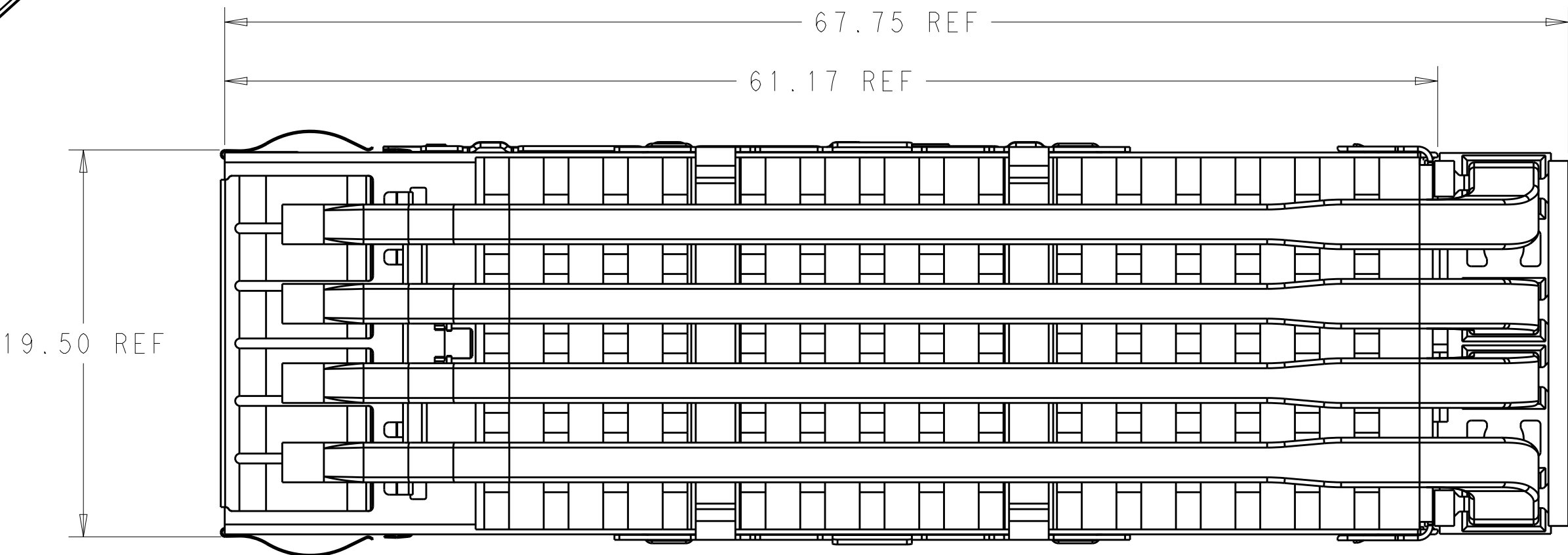


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		A	RELEASE	01NOV2016	JY	SH
			B	REVISED PER ECO-17-011899	15AUG2017	RG	SH



4-2170705-2 SHOWN
SCALE 3:1

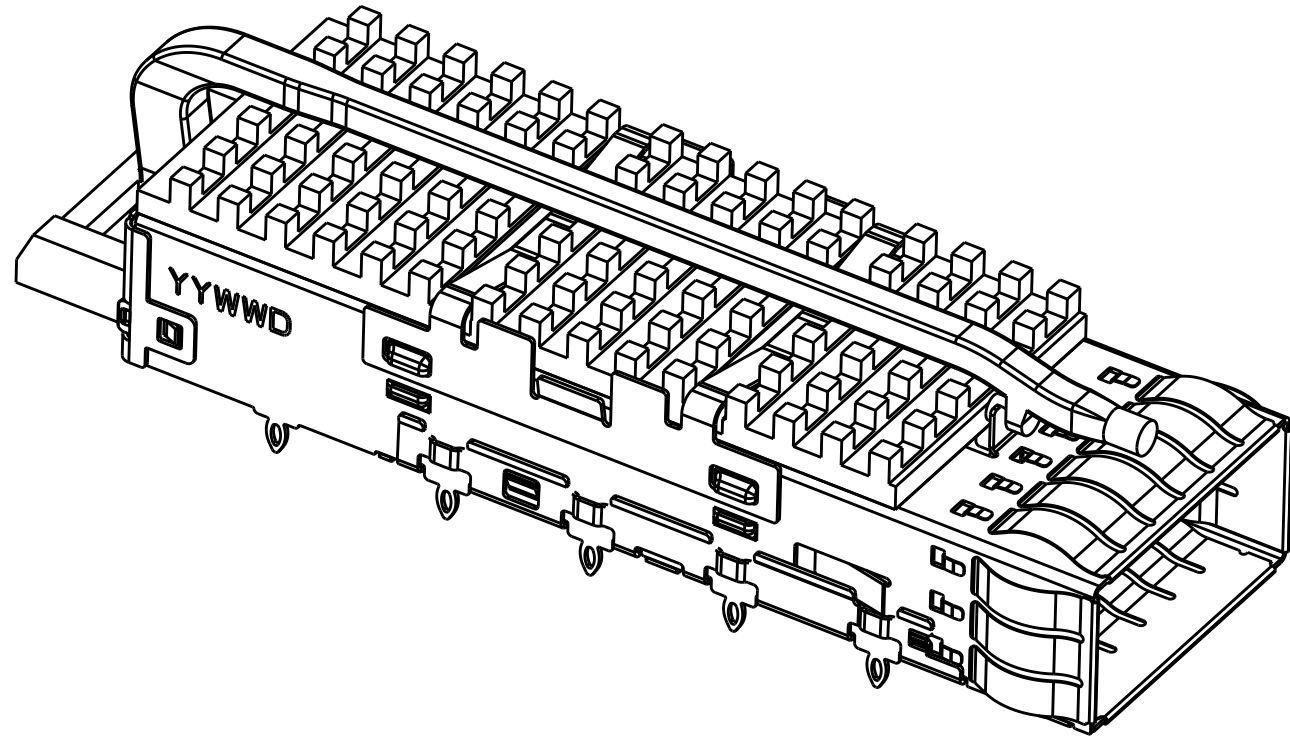


1. MATERIAL: CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
SPRING MATERIAL: COPPER ALLOY
HEAT SINK MATERIAL: ALUMINUM
CLIP MATERIAL: STAINLESS STEEL
LIGHT PIPE MATERIAL: POLYCARBONATE
ORGANIZER MATERIAL: POLYESTER
2. FINISH: SPRING: NICKEL PLATING
HEAT SINK: BLACK ANODIZE
3. DIMENSION APPLIES WITH MODULE 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: 2.20 MIN
7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
8. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN
9. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
10. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
11. PRELIMINARY PART - NOT RELEASE TO PRODUCTION.

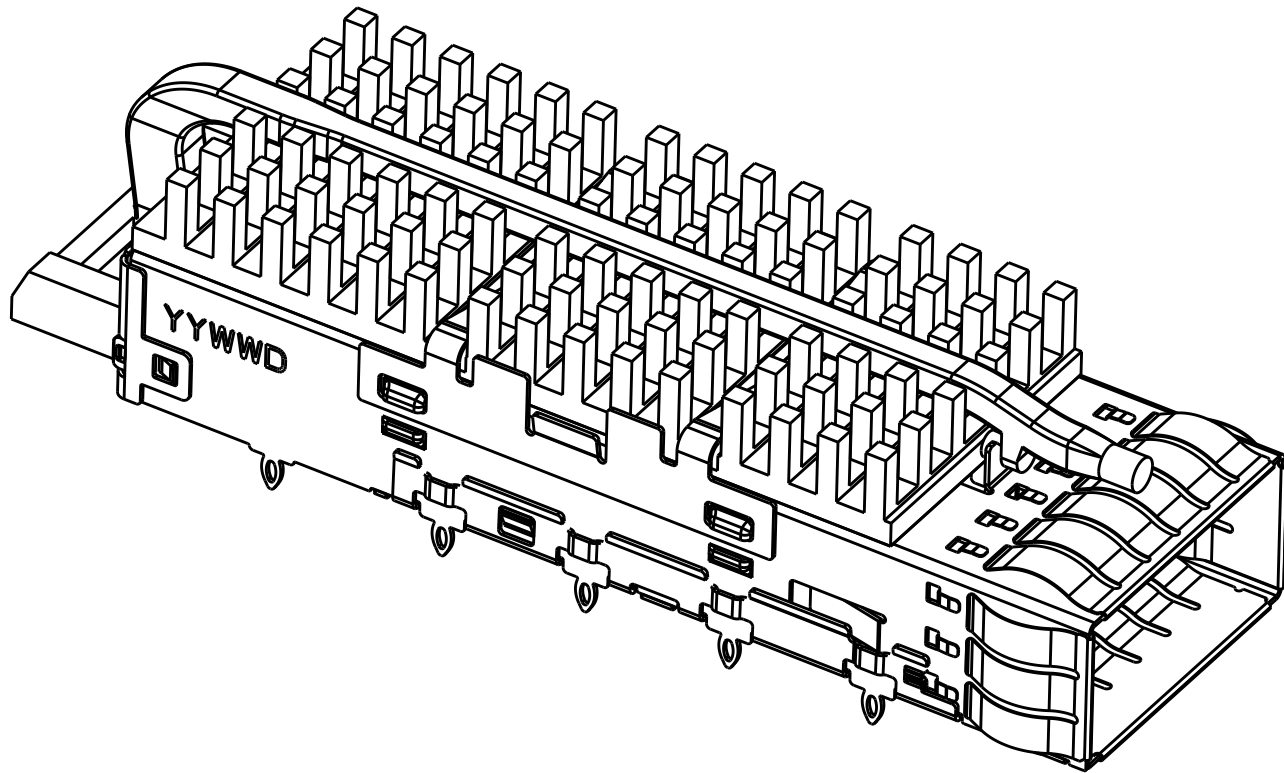
4-2170705-2 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	TE Connectivity	
DIMENSIONS:		CHK: SEAN HAN 26JAN2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD:	NAME	
	0 PLC ±0.25	PRODUCT SPEC	CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
	1 PLC ±0.25	108-19428		
	2 PLC ±0.20	APPLICATION SPEC	SIZE	
	3 PLC ±0.100	114-32023	A100779C=2170705	
	4 PLC ±	WEIGHT	RESTRICTED TO	
	ANGLES			
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 2:1 SHEET 1 OF 7 REV B	

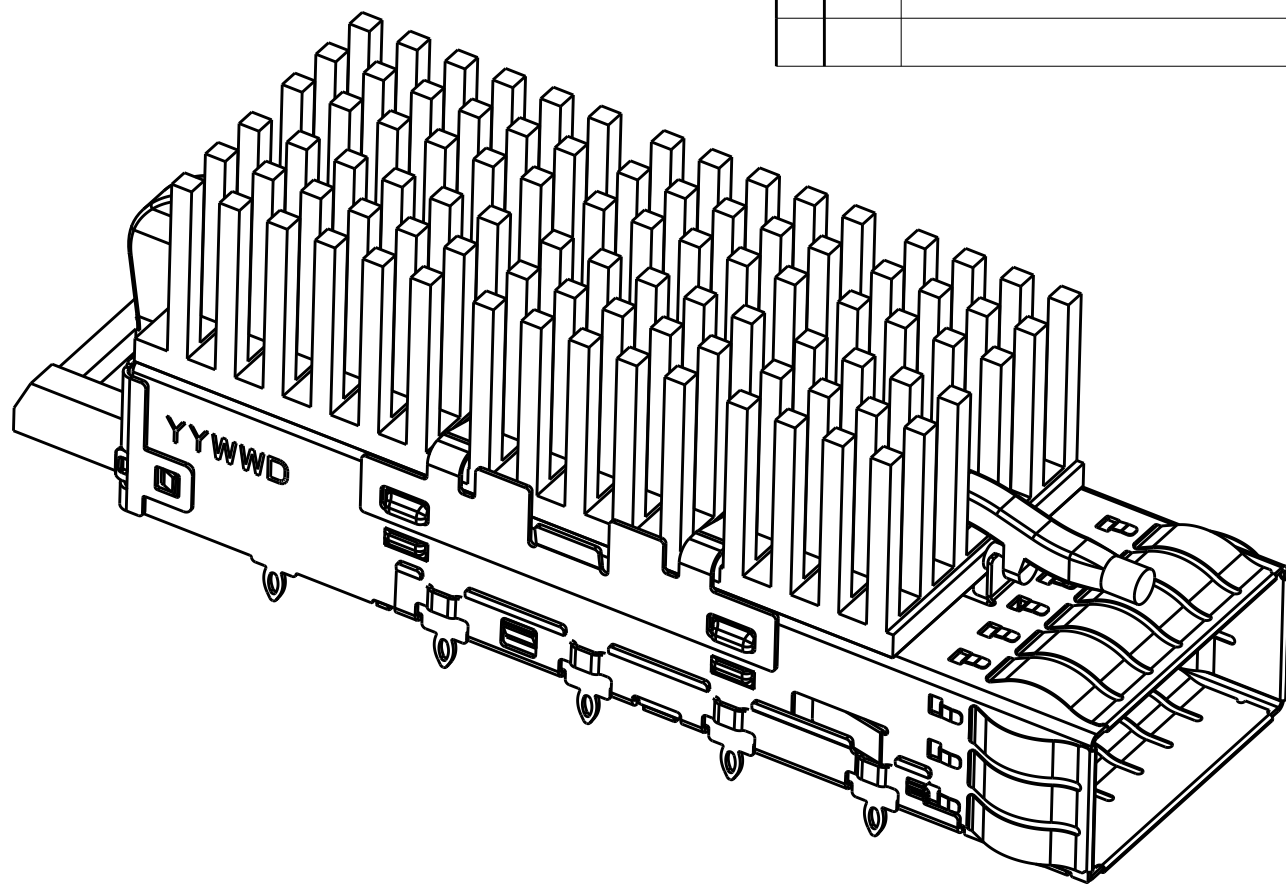
LOC		DIST		REVISONS			
P	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



PCI HEAT SINK
SCALE 5:2

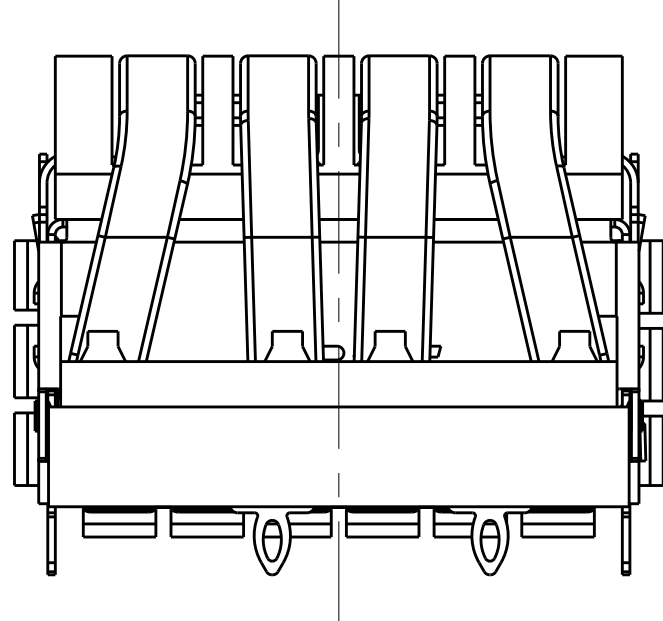


SAN HEAT SINK
SCALE 5:2

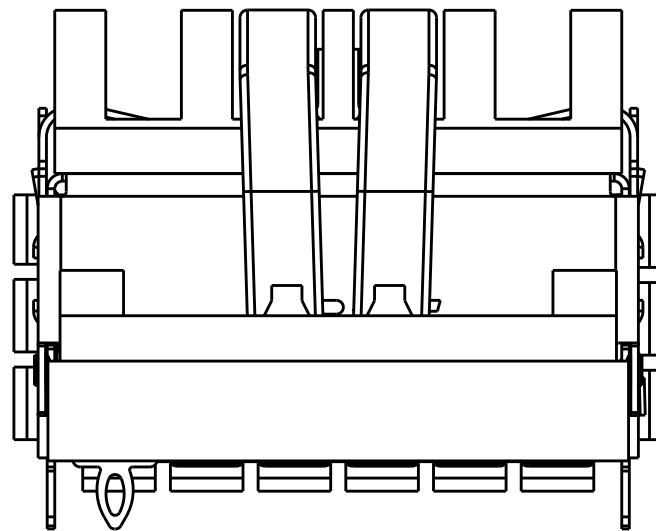


NETWORKING HEAT SINK
SCALE 5:2

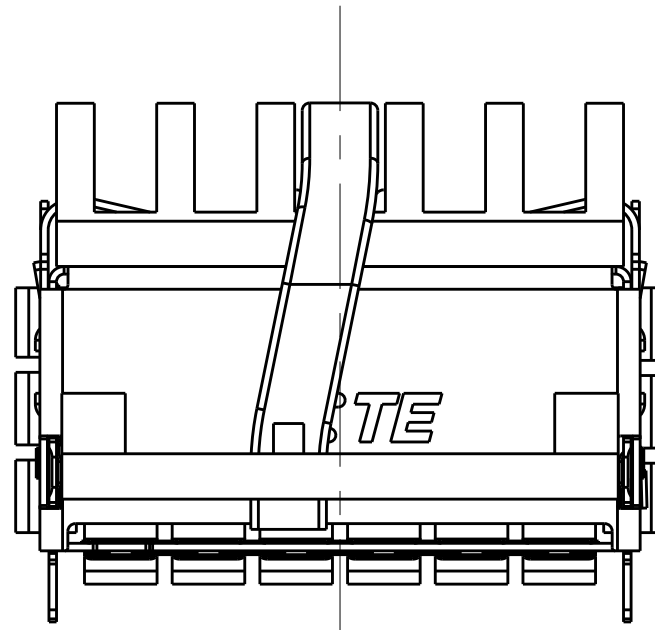
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

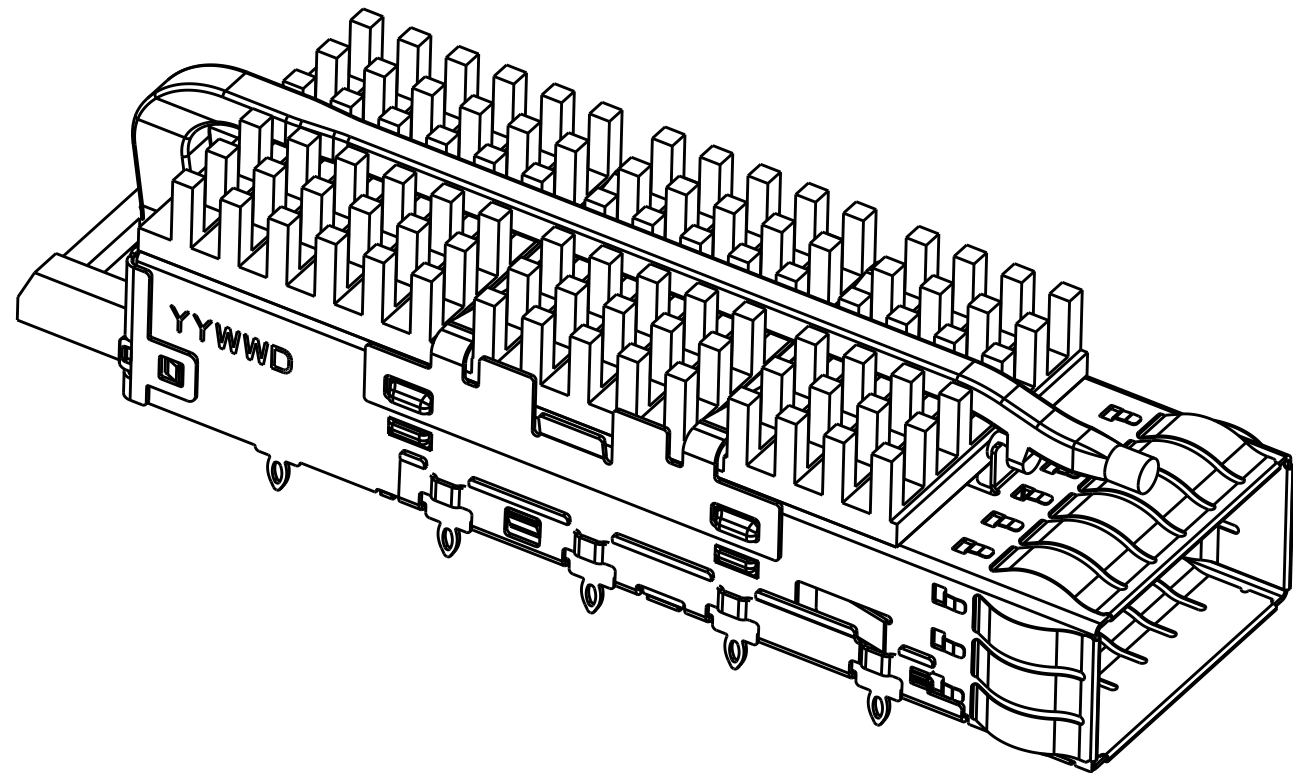


1 REAR LEG
SCALE 4:1

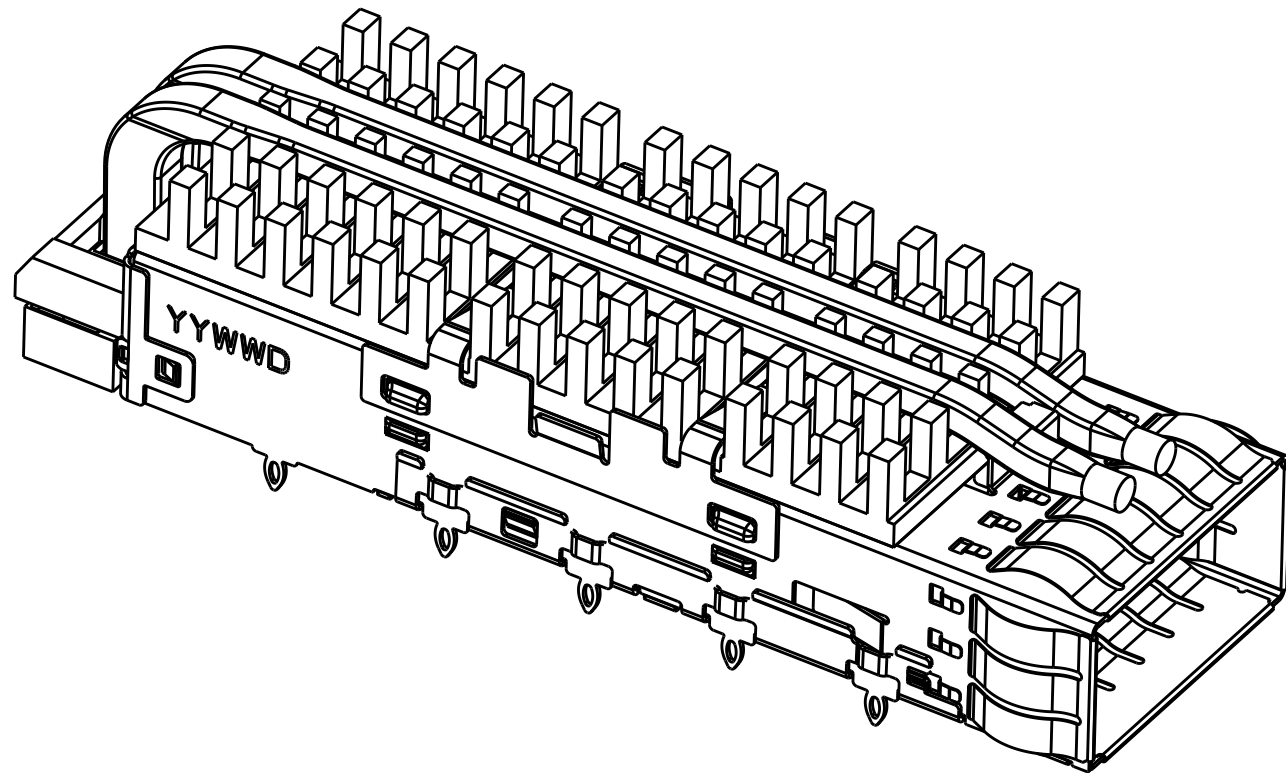


0 REAR LEG
SCALE 4:1

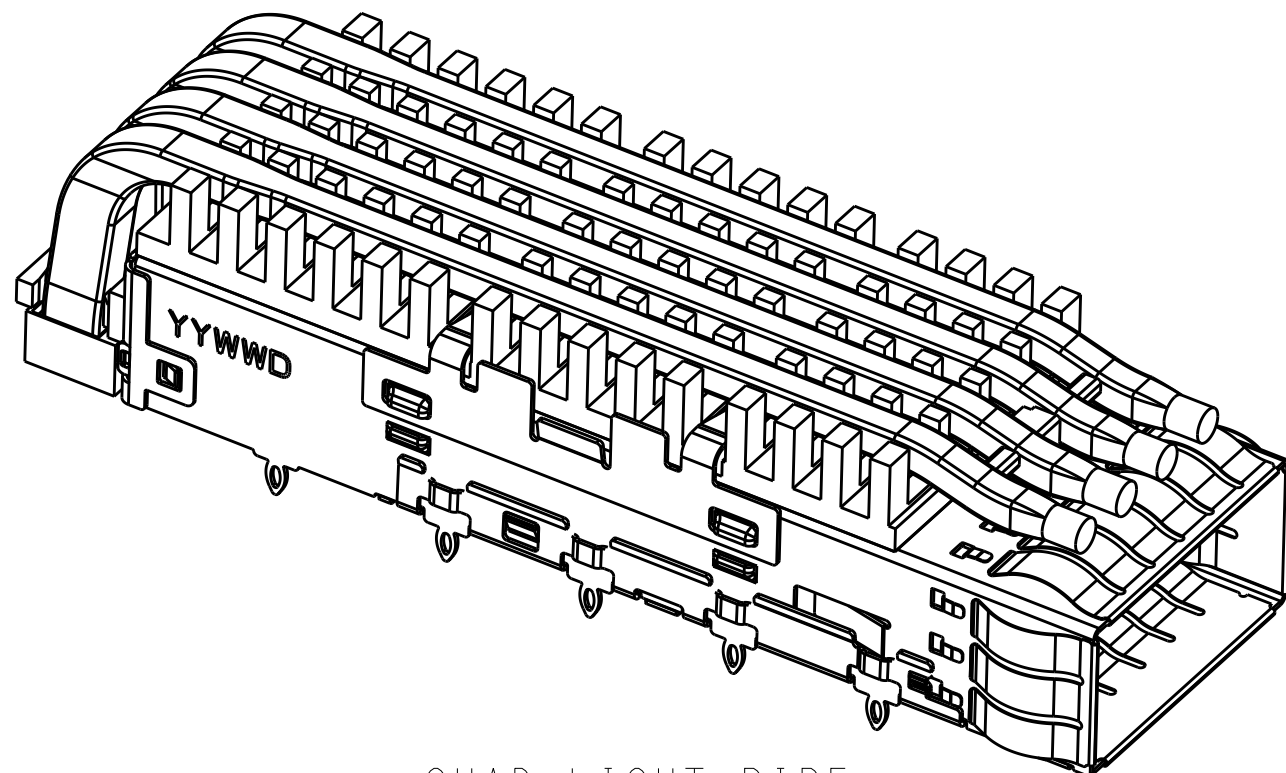
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
WITHOUT ORGANIZER
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2

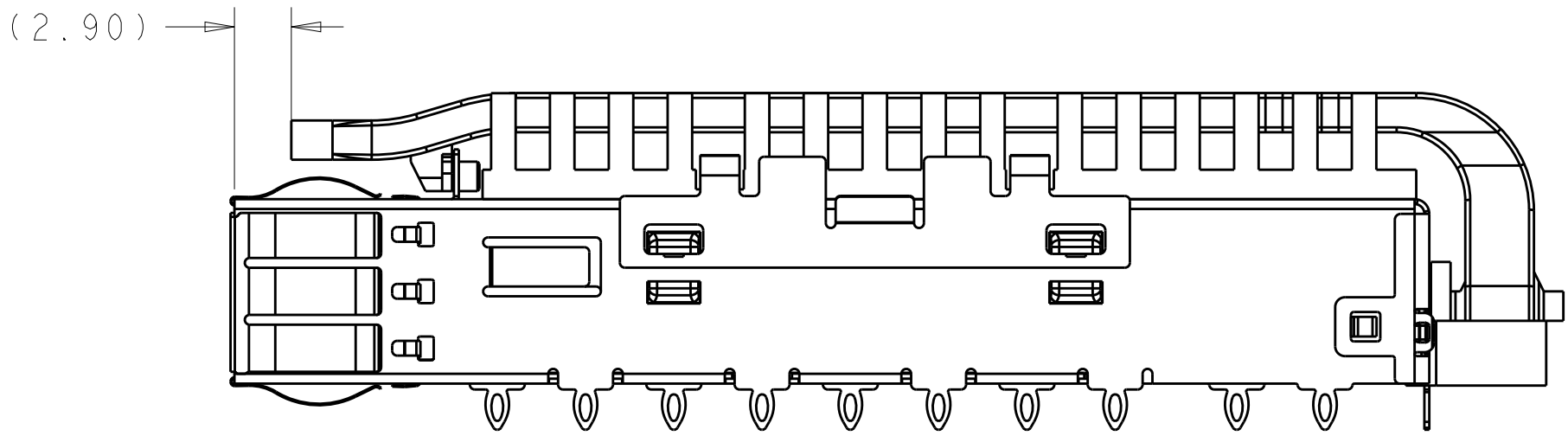


QUAD LIGHT PIPE
SCALE 5:2

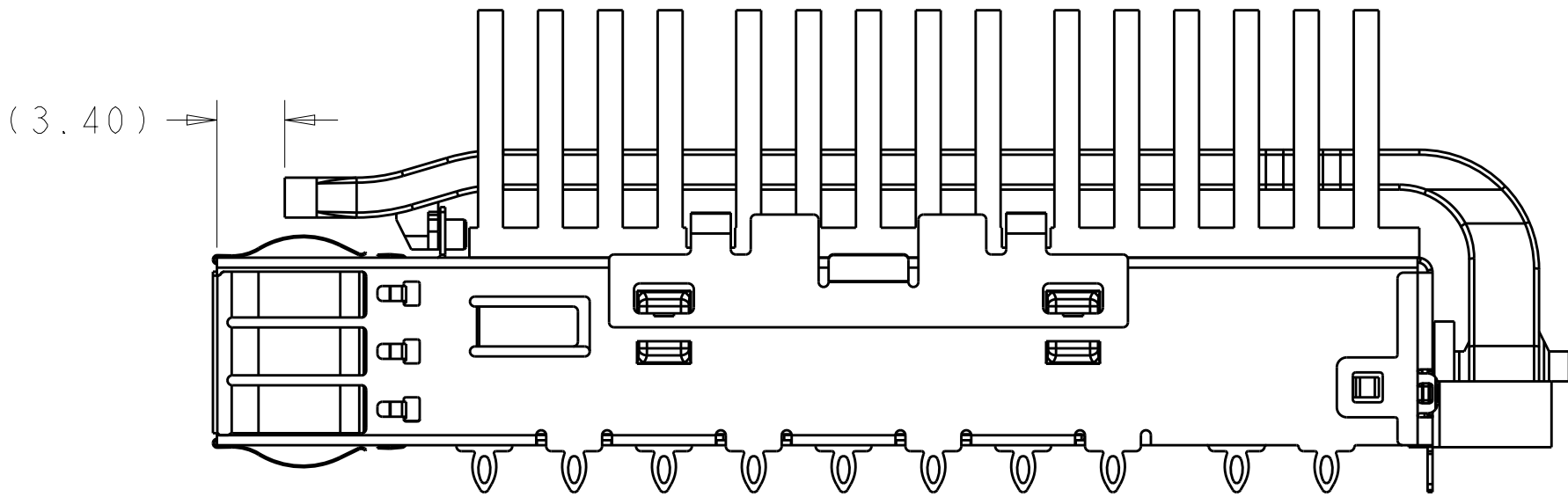
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		CHK: SEAN HAN 26JAN2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME
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		1 PLC ±0.25		108-19428
		2 PLC ±0.20		APPLICATION SPEC
		3 PLC ±0.100		114-32023
		4 PLC ±		WEIGHT
		ANGLES		CUSTOMER DRAWING
		FINISH		SCALE 2:1
MATERIAL		SIZE		SHEET 2 OF 7
		CAGE CODE DRAWING NO		REV B
		A100779C=2170705		

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

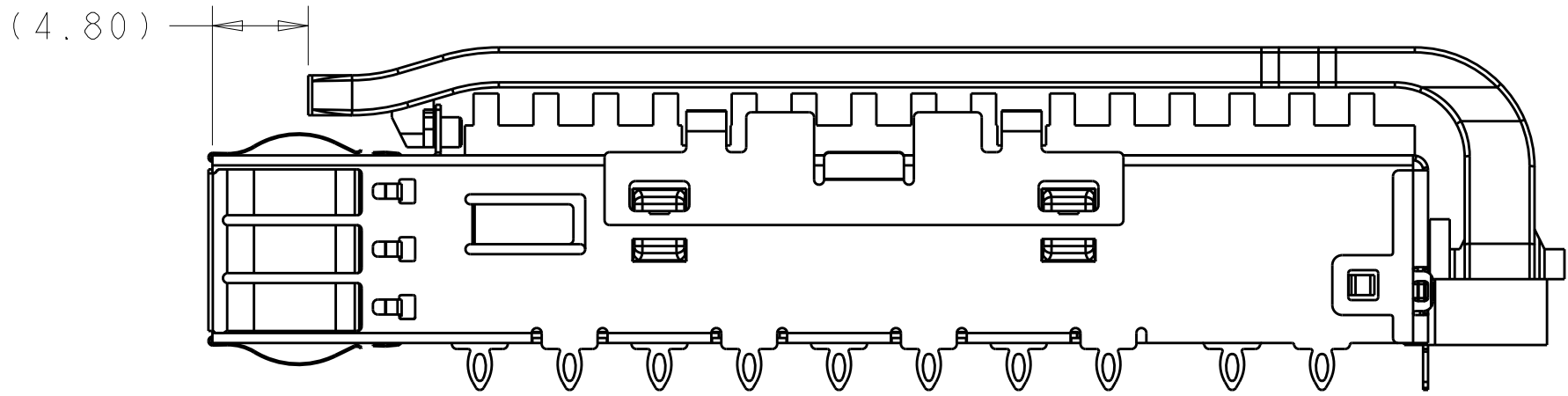
LIGHT PIPE LENGTH OPTIONS



WITH LIGHT PIPE LENGTH B=2.9
SCALE 3:1



WITH LIGHT PIPE LENGTH B=3.4
SCALE 3:1

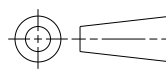


WITH LIGHT PIPE LENGTH B=4.8
SCALE 3:1

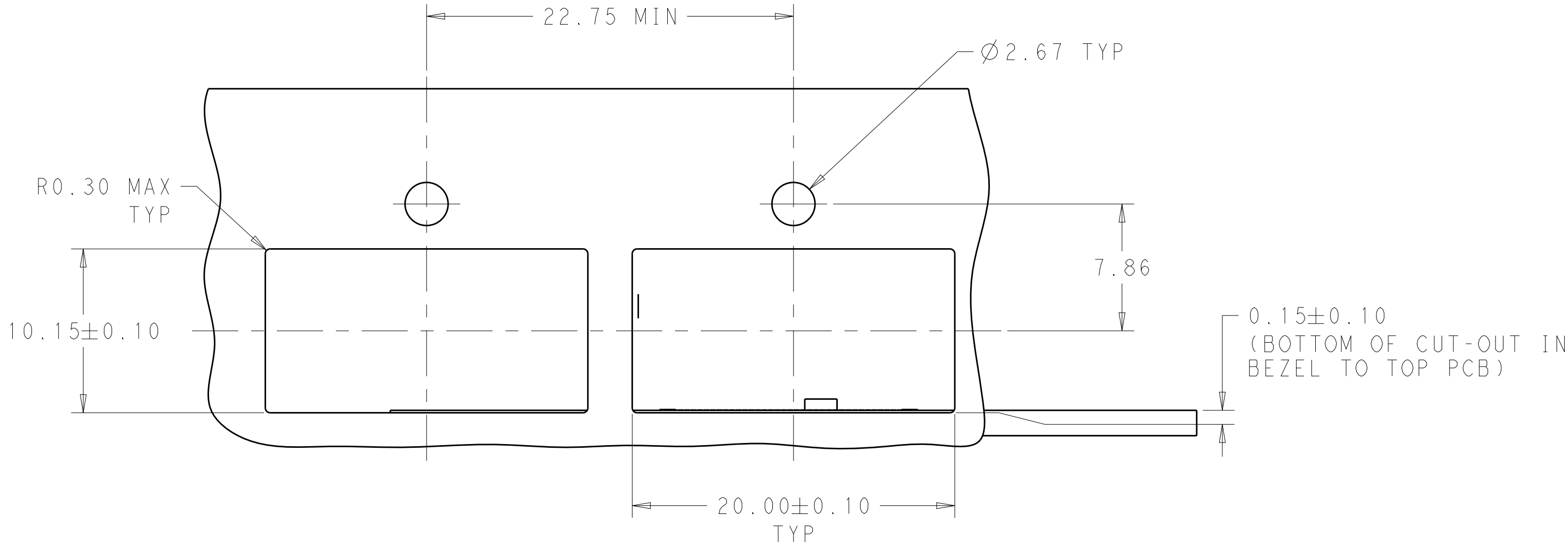
BOM

4.8	0	16.00	SAN	DUAL LP	6-2170705-3
5.2	1	16.00	SAN	DUAL LP	6-2170705-2
4.8	2	13.7	PCI	QUAD LP	6-2170705-1
3.4	1	23.0	NETWORKING	QUAD LP	5-2170705-9
2.9	1	16.0	SAN	COATED QUAD LP	5-2170705-8
	1	13.7	PCI	COATED QUAD LP	5-2170705-7
	0	31.6	CUSTOMIZED	QUAD LP	5-2170705-1
	1	23.0	NETWORKING	QUAD LP	4-2170705-9
	1	16.0	SAN	QUAD LP	4-2170705-8
	1	13.7	PCI	QUAD LP	4-2170705-7
	0	23.0	NETWORKING	QUAD LP	4-2170705-6
	0	16.0	SAN	QUAD LP	4-2170705-5
	0	13.7	PCI	QUAD LP	4-2170705-4
	2	23.0	NETWORKING	QUAD LP	4-2170705-3
	2	16.0	SAN	QUAD LP	4-2170705-2
	2	13.7	PCI	QUAD LP	4-2170705-1
	1	23.0	NETWORKING	DUAL LP	2-2170705-9
	1	16.0	SAN	DUAL LP	2-2170705-8
	1	13.7	PCI	DUAL LP	2-2170705-7
	0	23.0	NETWORKING	DUAL LP	2-2170705-6
	0	16.0	SAN	DUAL LP	2-2170705-5
	0	13.7	PCI	DUAL LP	2-2170705-4
	2	23.0	NETWORKING	DUAL LP	2-2170705-3
	2	16.0	SAN	DUAL LP	2-2170705-2
	2	13.7	PCI	DUAL LP	2-2170705-1
	1	23.0	NETWORKING	SINGLE LP	2170705-9
	1	16.0	SAN	SINGLE LP	2170705-8
	1	13.7	PCI	SINGLE LP	2170705-7
	0	23.0	NETWORKING	SINGLE LP	2170705-6
	0	16.0	SAN	SINGLE LP	2170705-5
	0	13.7	PCI	SINGLE LP	2170705-4
	2	23.0	NETWORKING	SINGLE LP	2170705-3
	2	16.0	SAN	SINGLE LP	2170705-2
	2	13.7	PCI	SINGLE LP	2170705-1
DIM B	# REAR PINS	DIM A	APPLICATION (HEAT SINK OPTION)	LIGHT PIPE OPTION	PART NUMBER

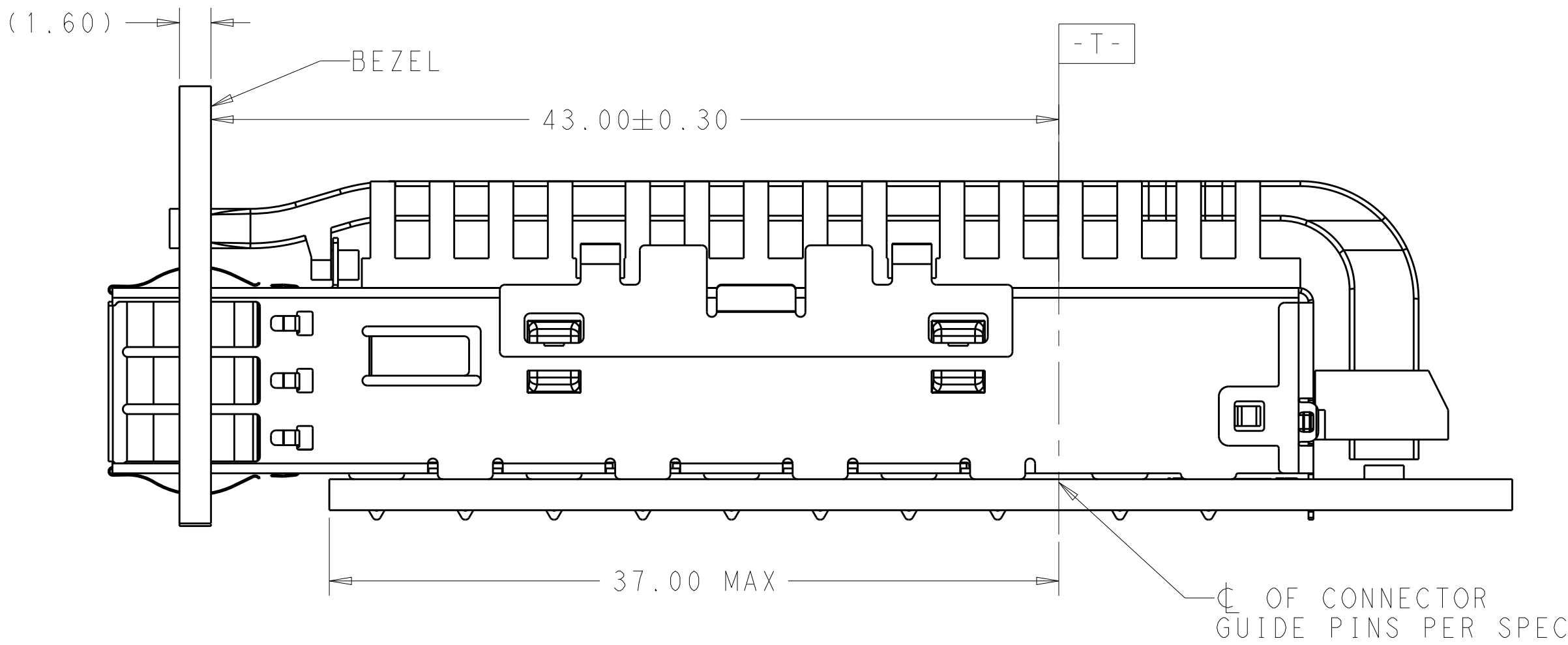


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	 TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: SEAN HAN 26JAN2016		
DIMENSIONS:		APVD:	NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
mm		PRODUCT SPEC		
		108-19428	SIZE: A1	
		APPLICATION SPEC		
		114-32023	CAGE CODE: 00779	
		ANGLES FINISH		
MATERIAL: -		WEIGHT: -	C=2170705	
		CUSTOMER DRAWING		
		SCALE: 2:1	SHEET: 3 OF 7	REV: B

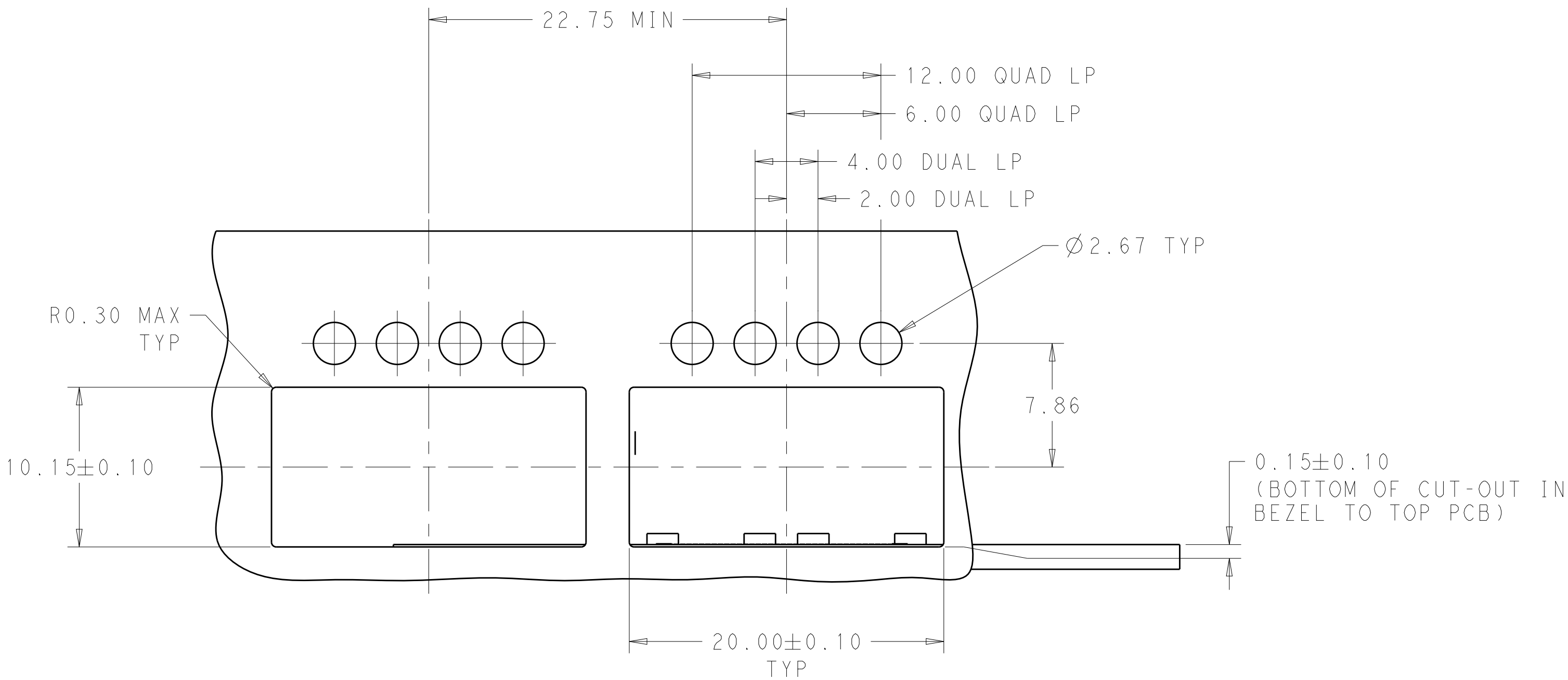
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-		-		P	LTR	DESCRIPTION	DATE	DWN	APVD
					-	SEE SHEET 1	-	-	-



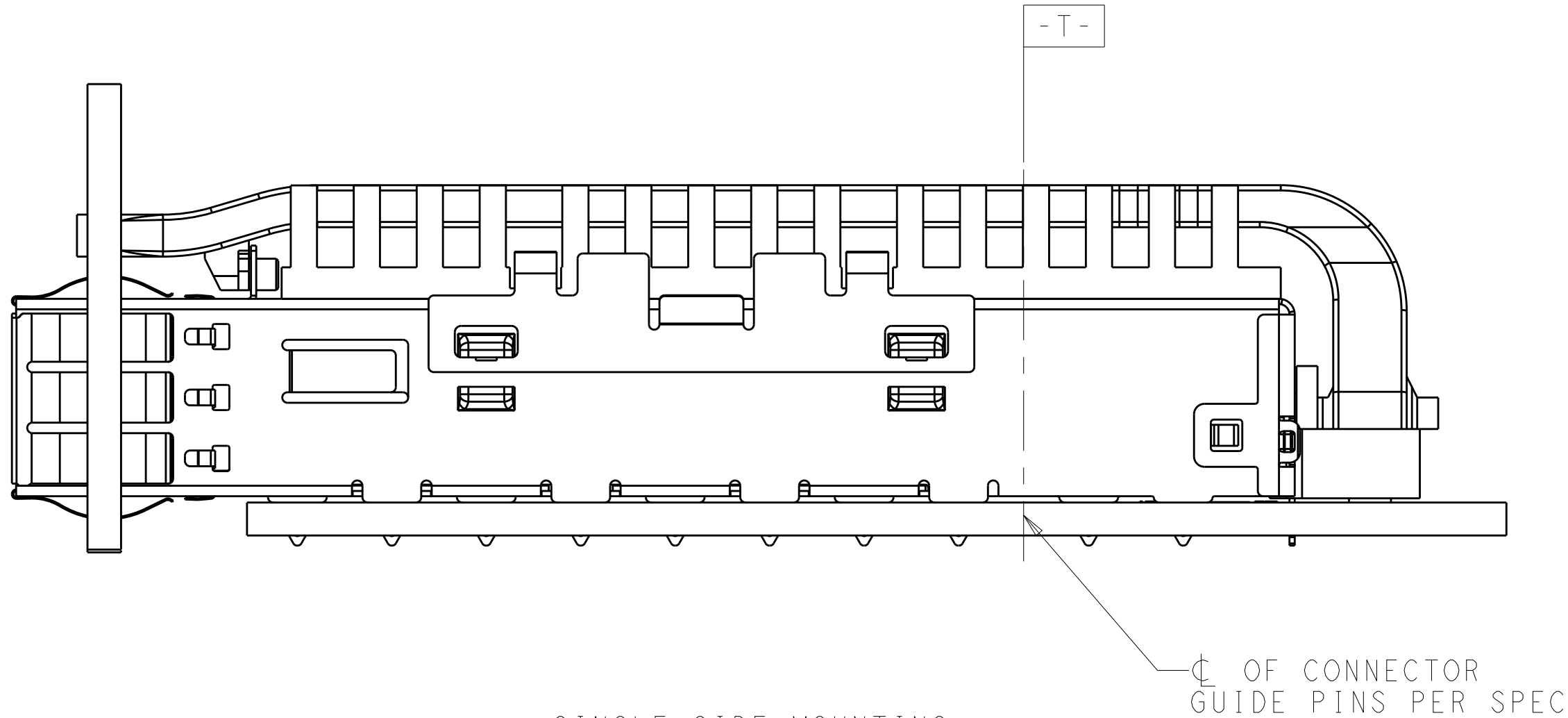
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1

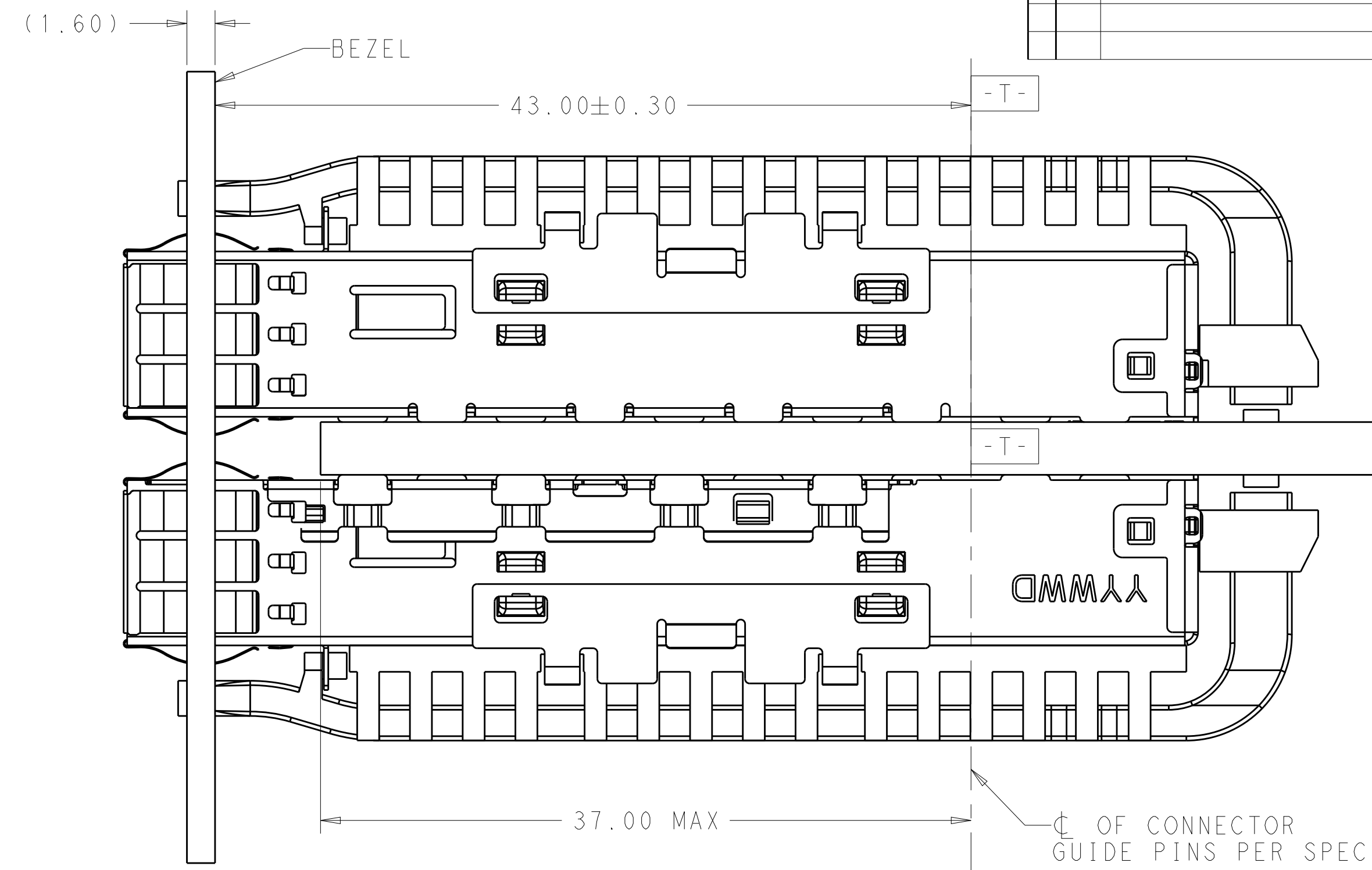


DUAL/QUAD LIGHT PIPE TYPE

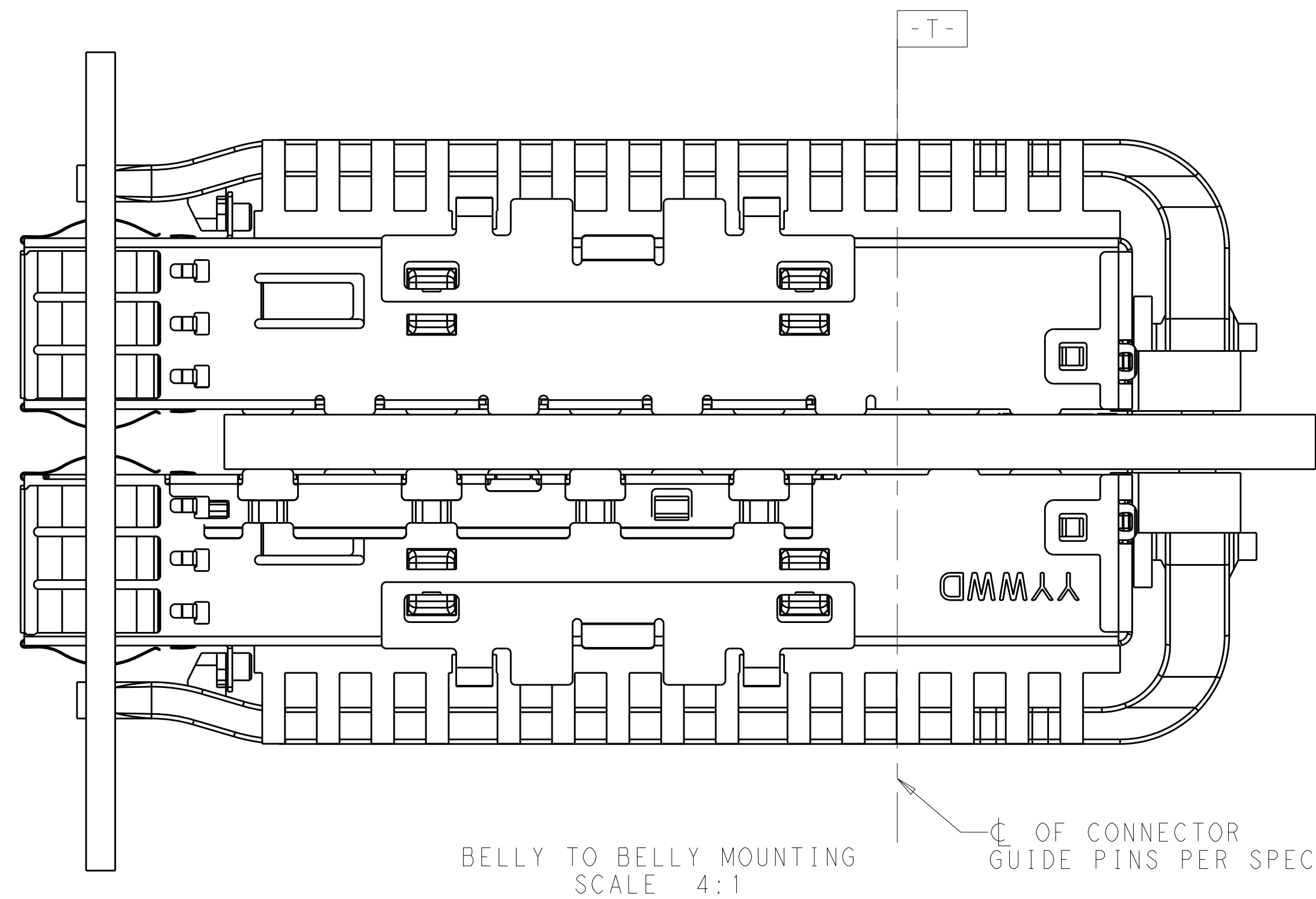


SINGLE SIDE MOUNTING
SCALE 4:1

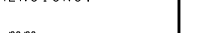
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		1 PLC ±0.25		108-19428
		2 PLC ±0.20		APPLICATION SPEC
		3 PLC ±0.100		114-32023
		4 PLC ±		WEIGHT
		ANGLES FINISH		CUSTOMER DRAWING
MATERIAL				SCALE 2:1
				SHEET 4 OF 7
				REV B

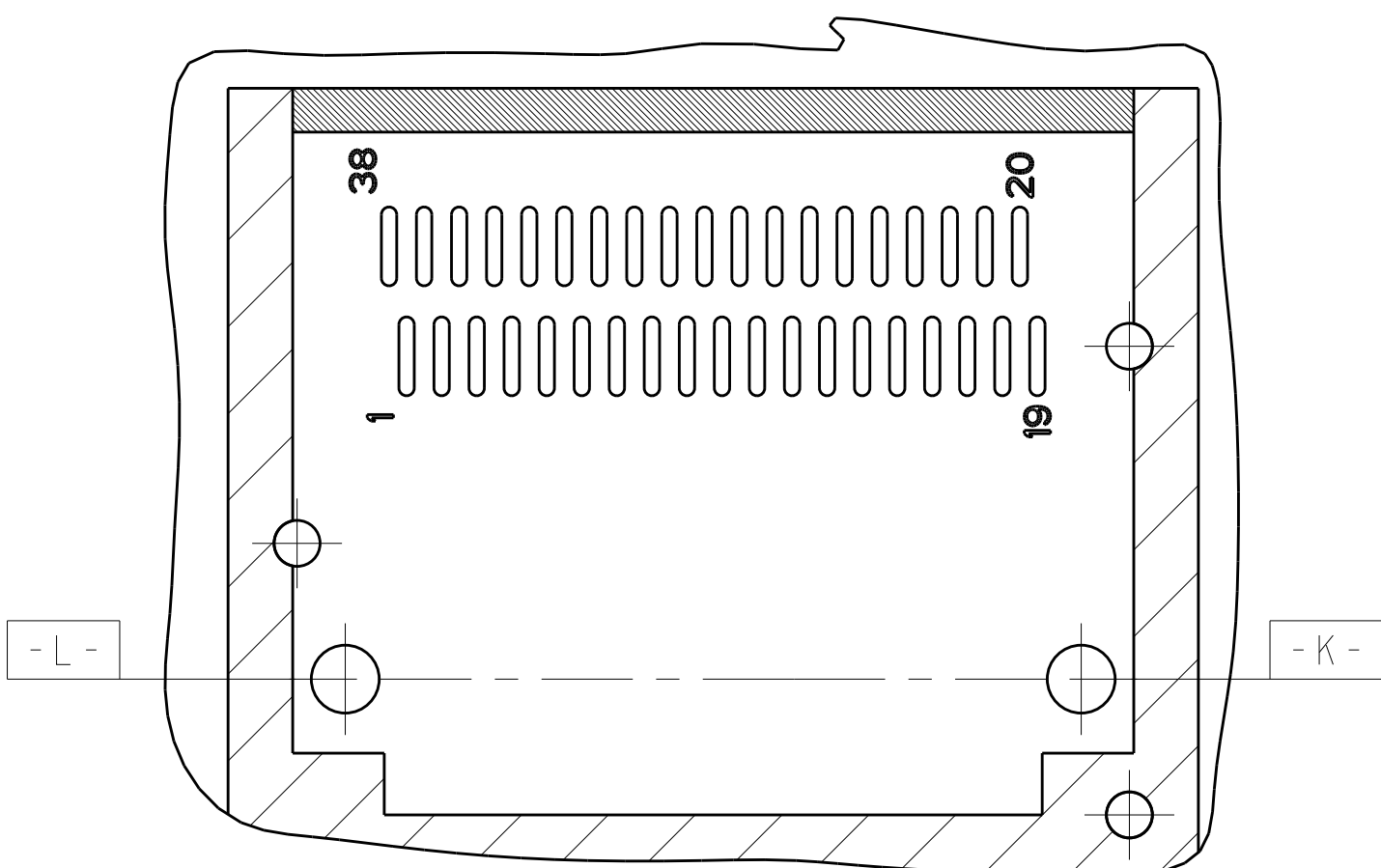


BELLY TO BELLY MOUNTING
SCALE 4:1



BELLY TO BELLY MOUNTING
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07MAR2014 JASON YANG CHK 26JAN2016 SEAN HAN		 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		APVD		CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023		SIZE	
MATERIAL		FINISH		CAGE CODE	
-		-		DRAWING NO	
-		-		A1 100779C-2170705	
-		WEIGHT		RESTRICTED TO	
-		-		-	
CUSTOMER DRAWING		SCALE		SHEET	
		2:1		5 of 7	
				REV B	



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG JASON YANG 07MAR2014 CHK SEAN HAN 26JAN2016 APP'D		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 P/LC ±0.25 1 P/LC ±0.25 2 P/LC ±0.20 3 P/LC ±0.100 4 P/LC ± ANGLES ±°		NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -		SIZE CAGE CODE DRAWING NO A100779C-2170705	
MATERIAL -		FINISH -		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 2:1 SHEET 6 OF 7 REV B	

