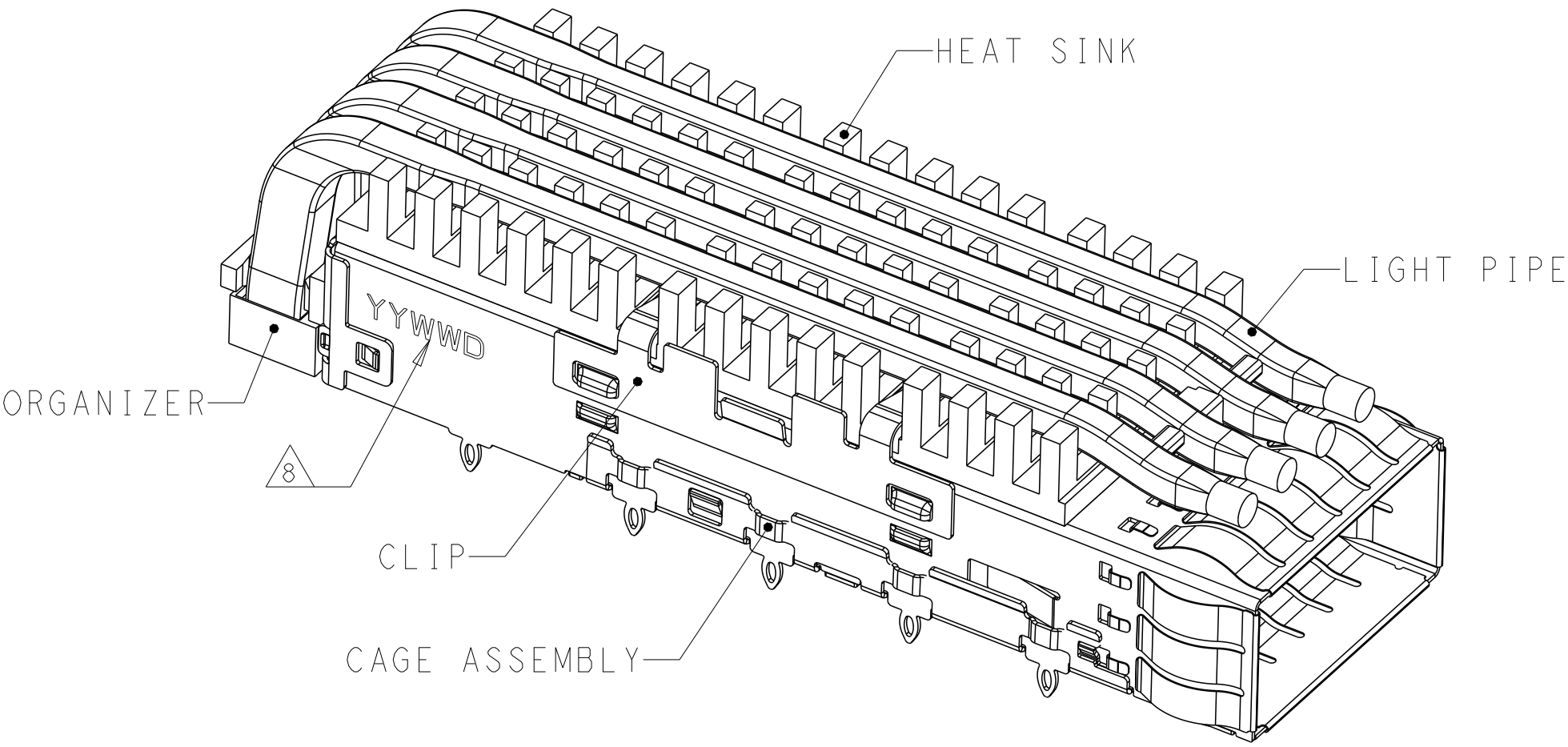
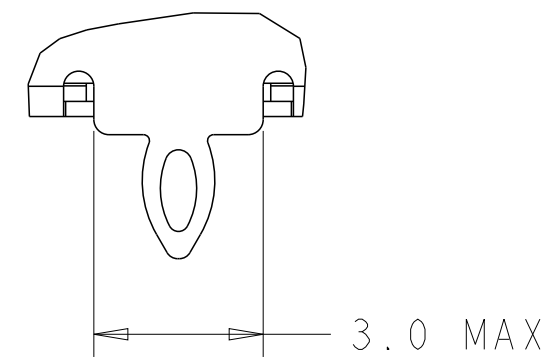
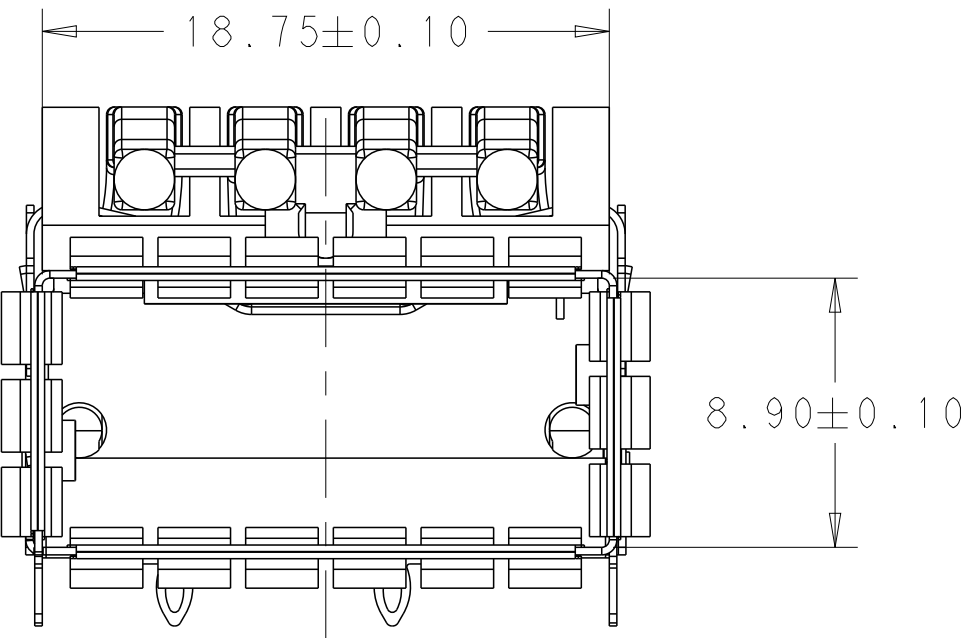
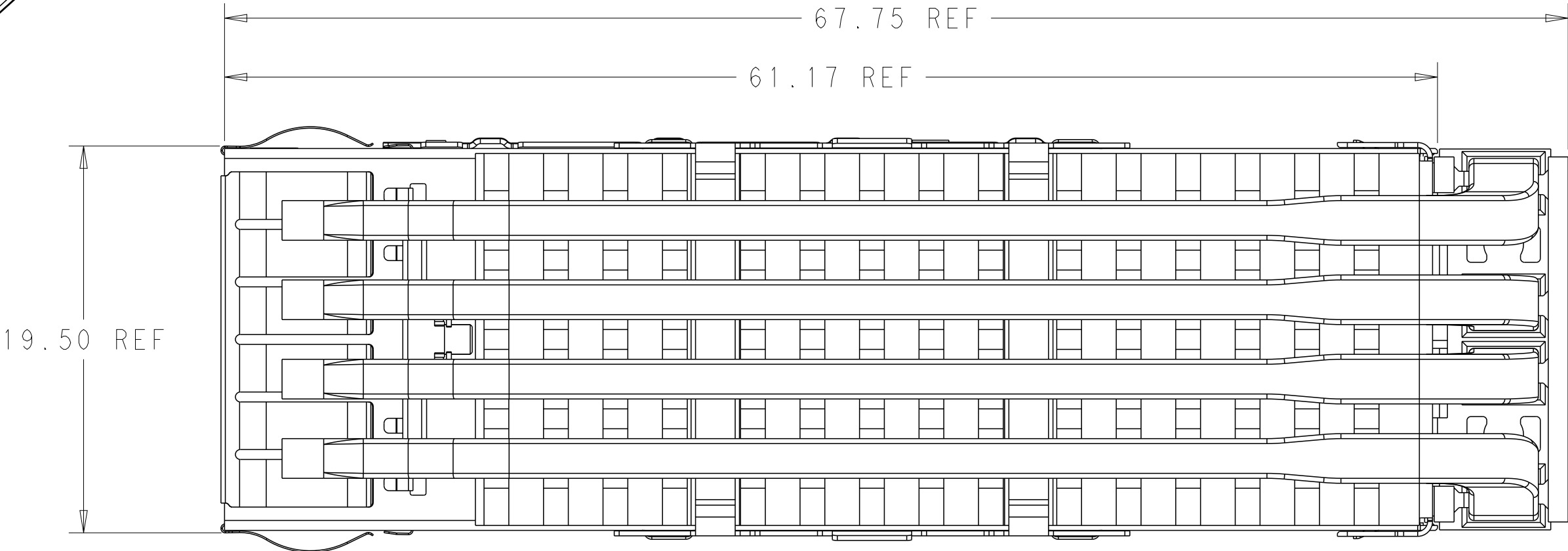


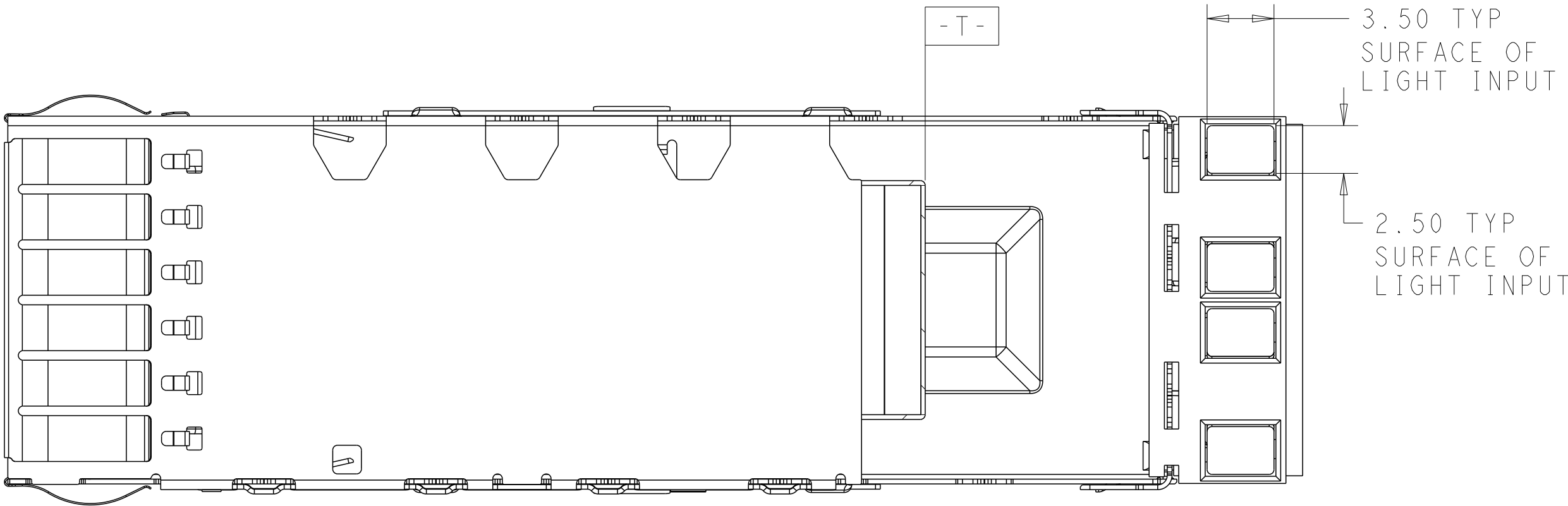
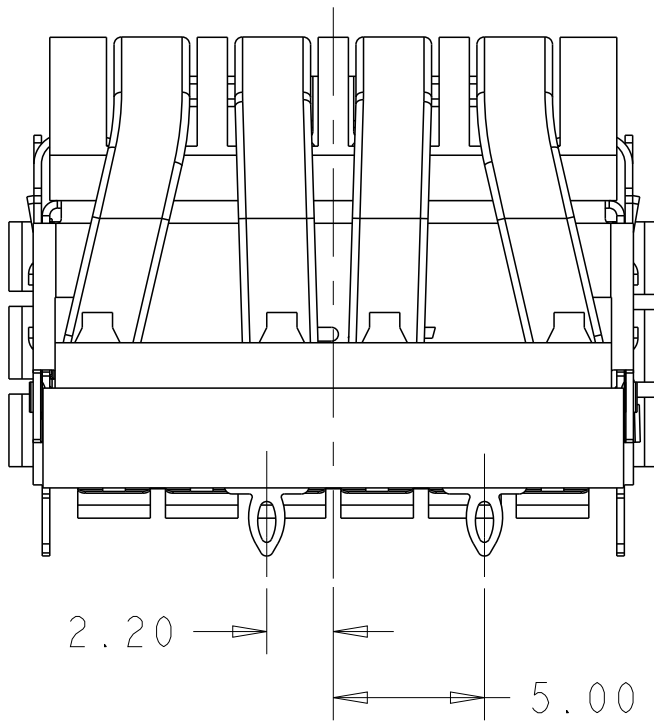
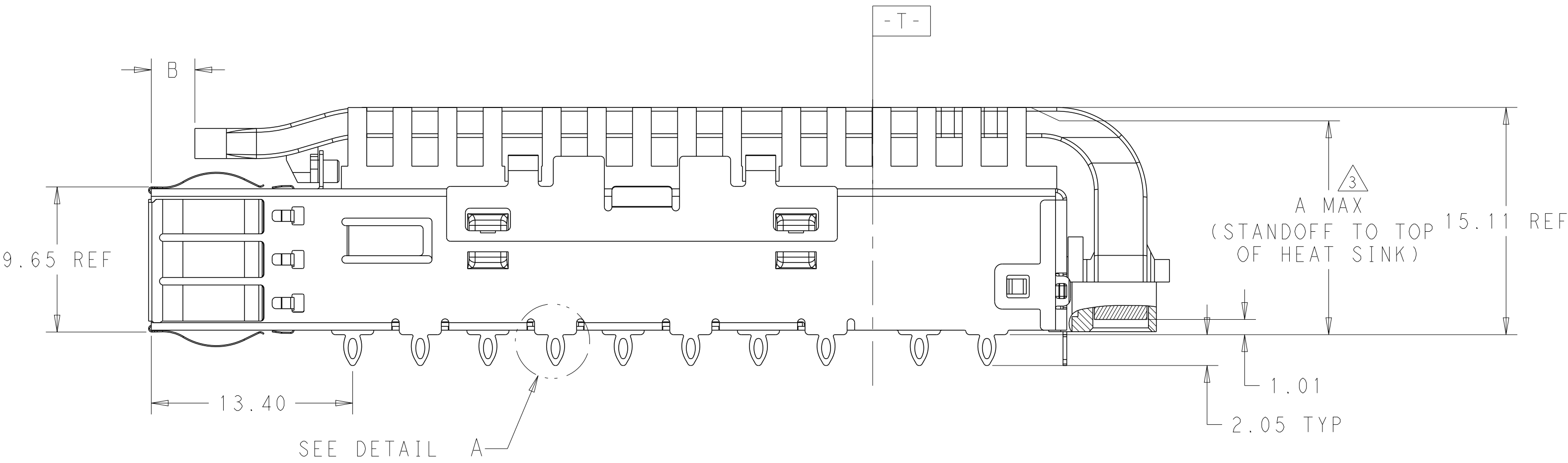
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		B		REVISED PER ECO-17-011899	15AUG2017	RG	SH	
		C		ADD SOME DIMENSIONS	10JAN2018	JY	SH	
		D		REVISED PER ECO-19-013580	04SEP2019	SH	SH	
		D1		REVISED PER ECN-22-135969	08JAN2022	TP	SZ	



4-2170705-2 SHOWN
SCALE 3:1



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 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 (YYWWDD) MARKED APPROXIMATELY AS SHOWN

9. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.

10. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

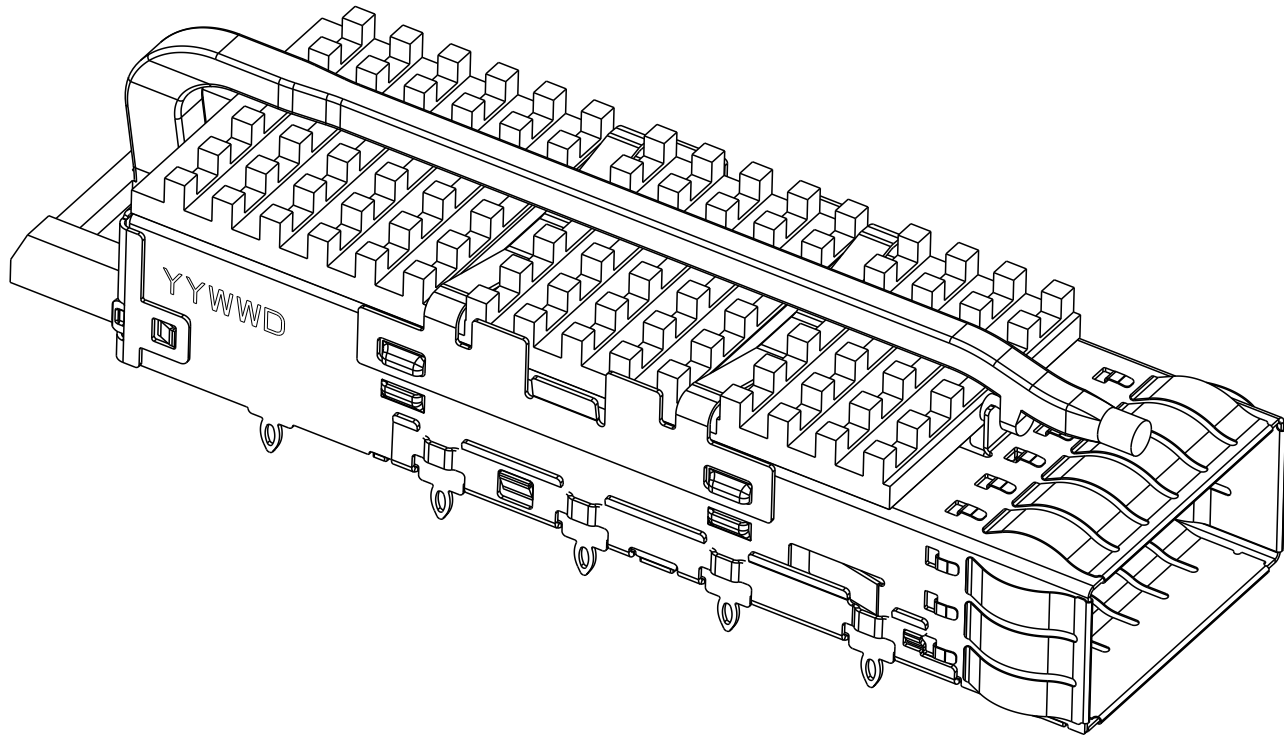
11. PRELIMINARY PART - NOT RELEASE TO PRODUCTION.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	TE Connectivity	
		CHK: SEAN HAN 26JAN2016		
DIMENSIONS:		APVD:	NAME:	
mm			PRODUCT SPEC	
			108-19428	
			APPLICATION SPEC	
			114-32023	
MATERIAL:		WEIGHT:	SIZE: CAGE CODE DRAWING NO	
			A100779C=2170705	
			RESTRICTED TO	
			-	
			CUSTOMER DRAWING	
			SCALE 2:1 SHEET 1 OF 9 REV D1	

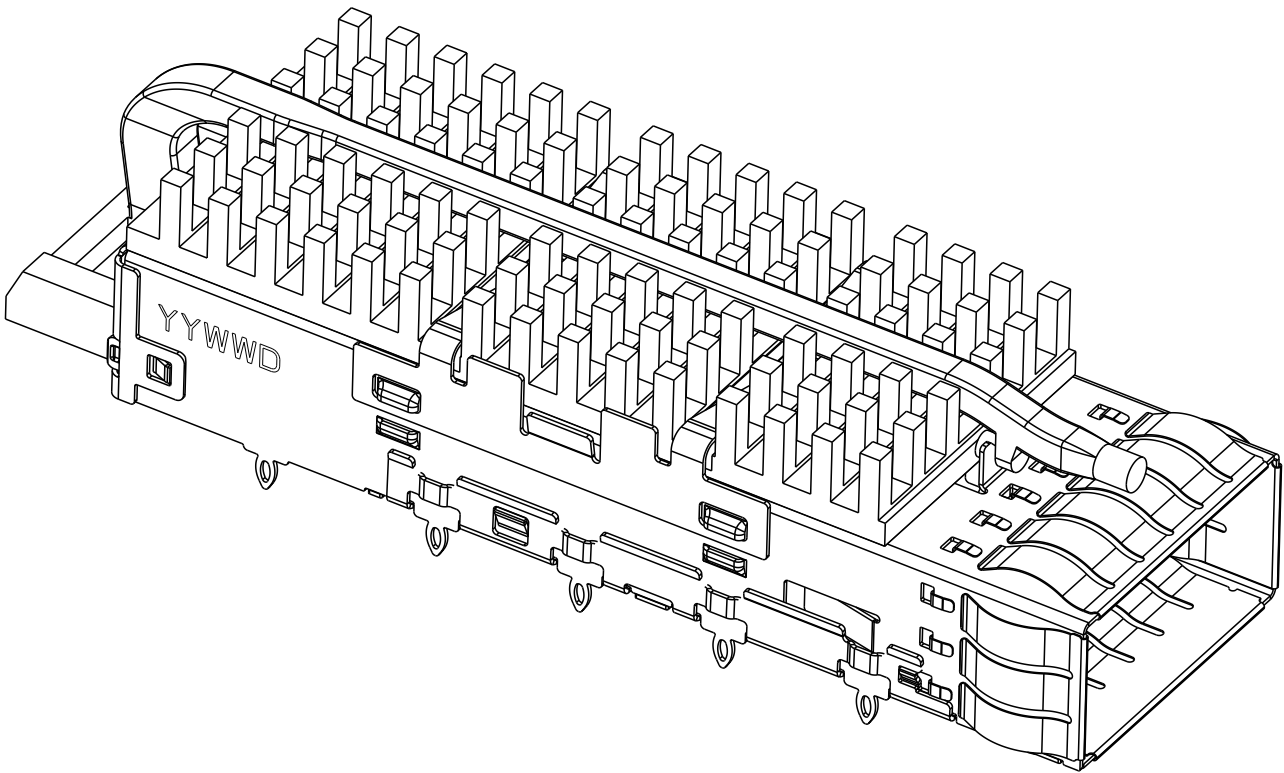
4-2170705-2 AS SHOWN

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

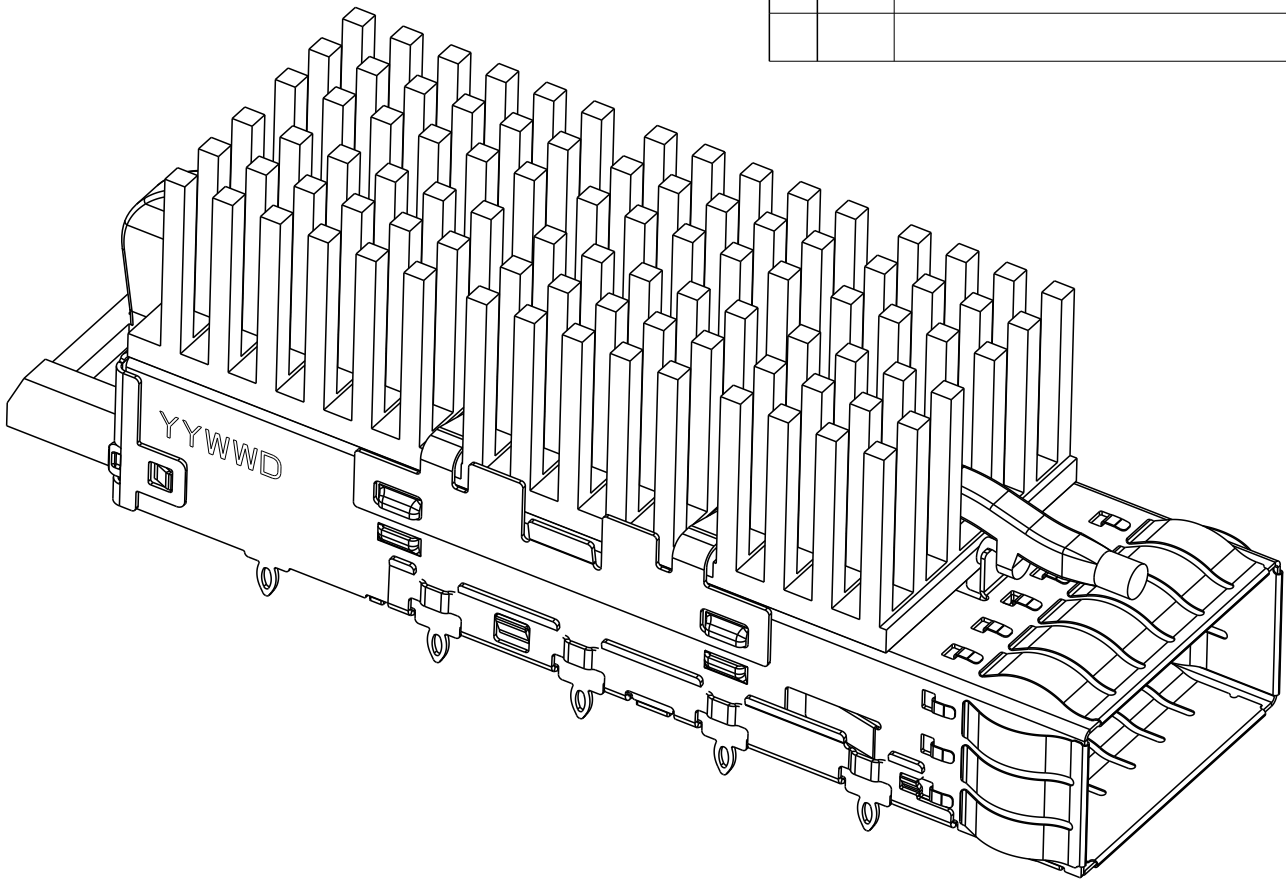
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 5:2

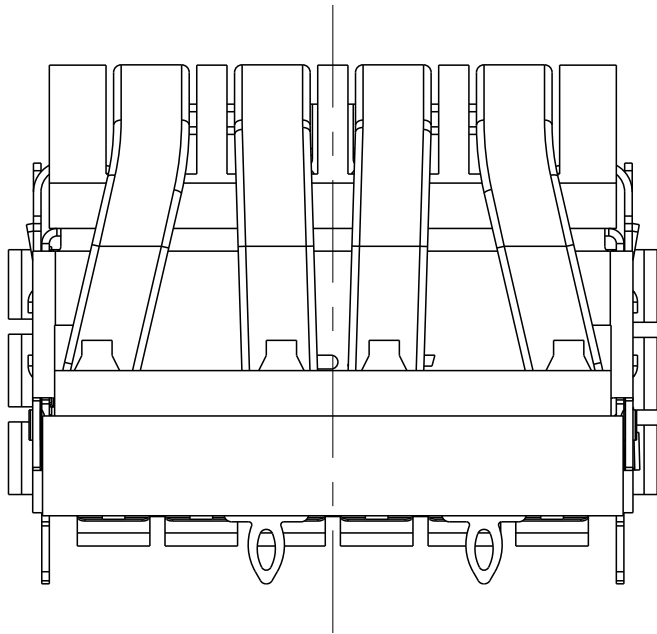


SAN HEAT SINK
SCALE 5:2

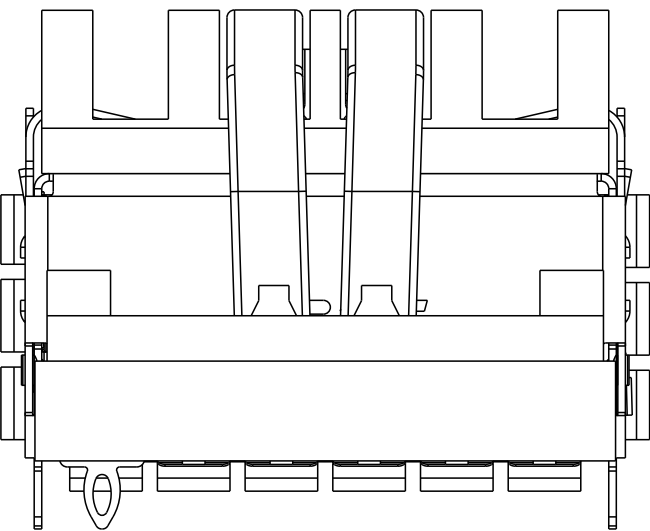


NETWORKING HEAT SINK
SCALE 5:2

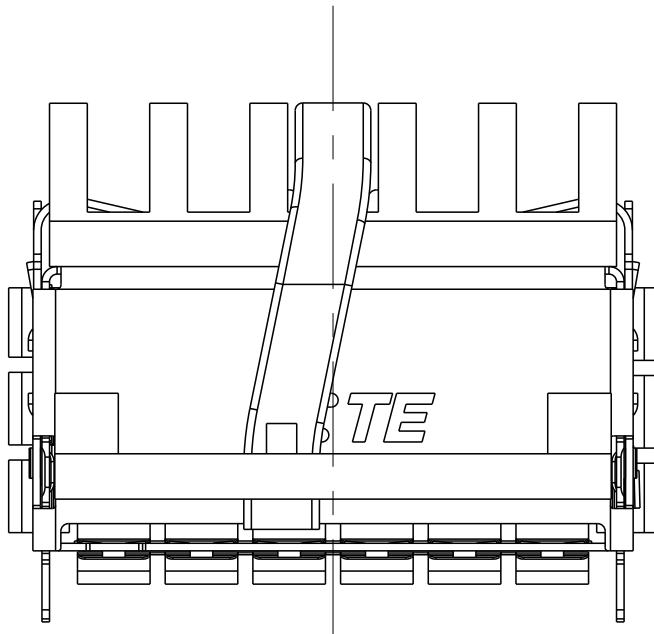
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

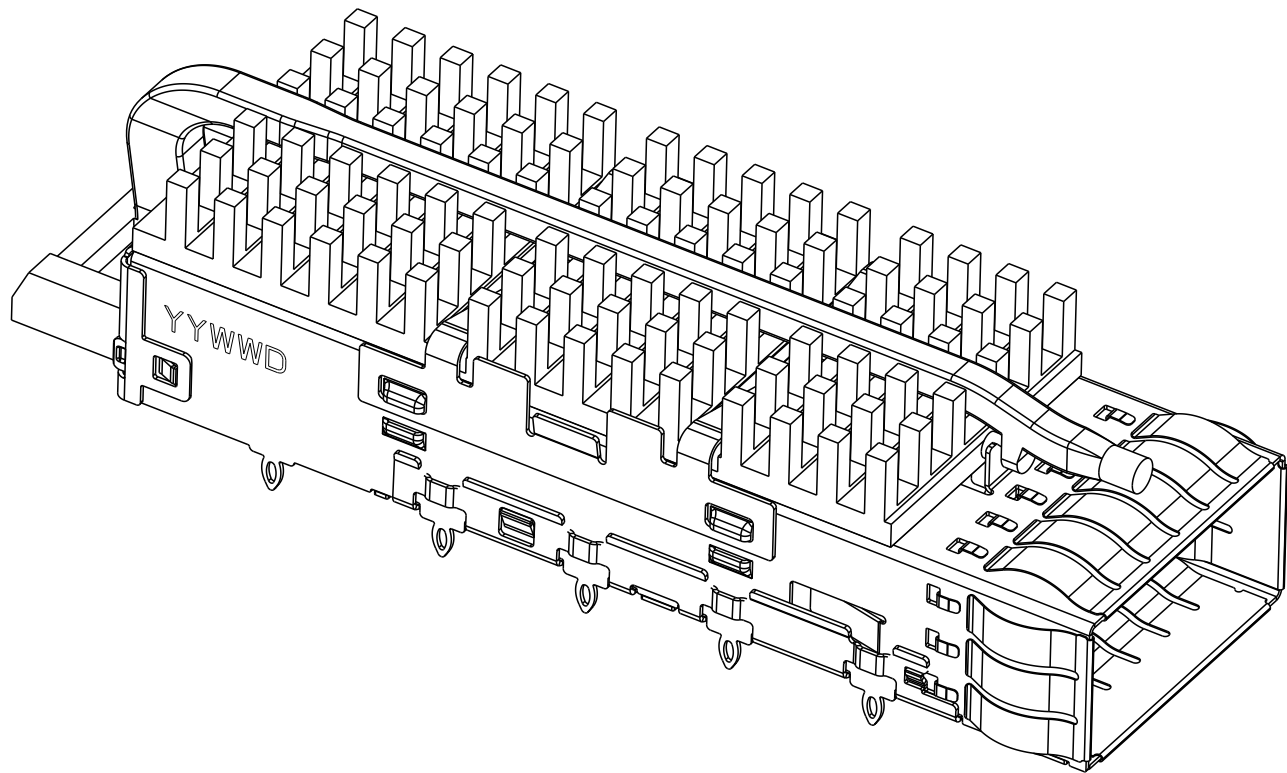


1 REAR LEG
SCALE 4:1

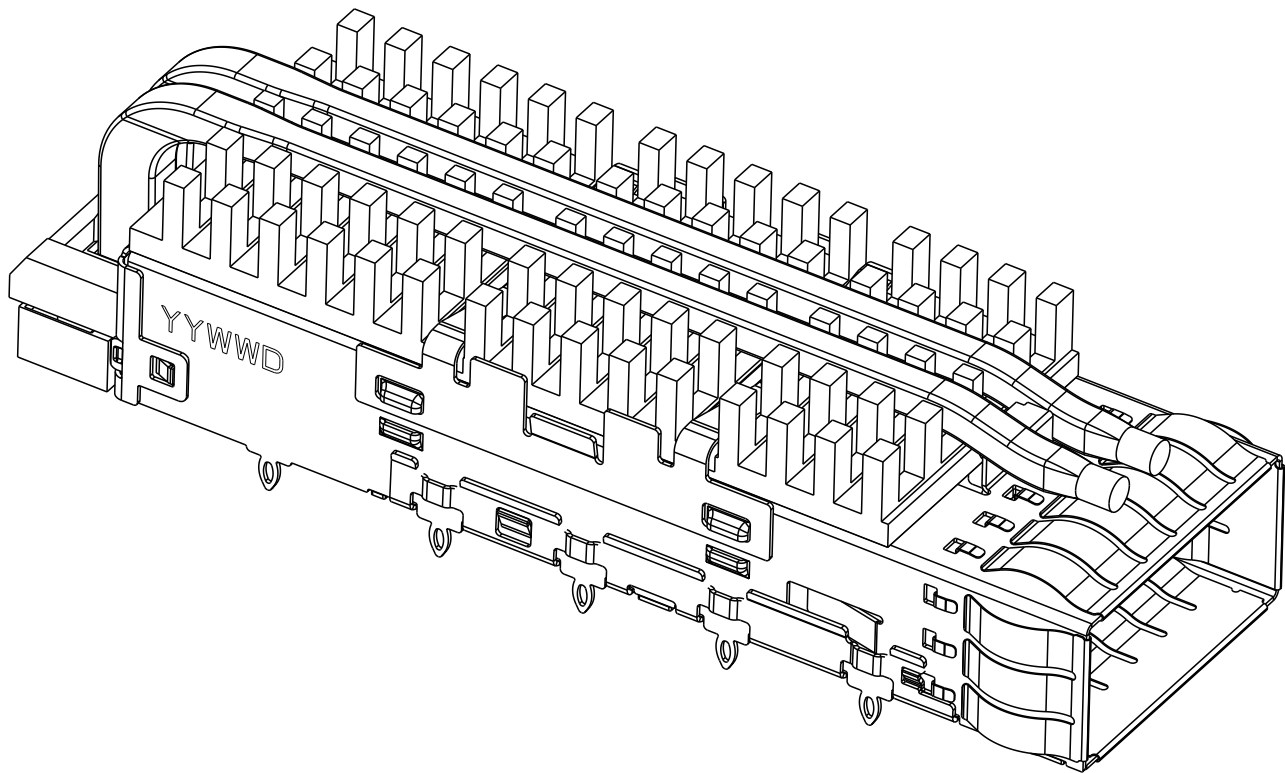


0 REAR LEG
SCALE 4:1

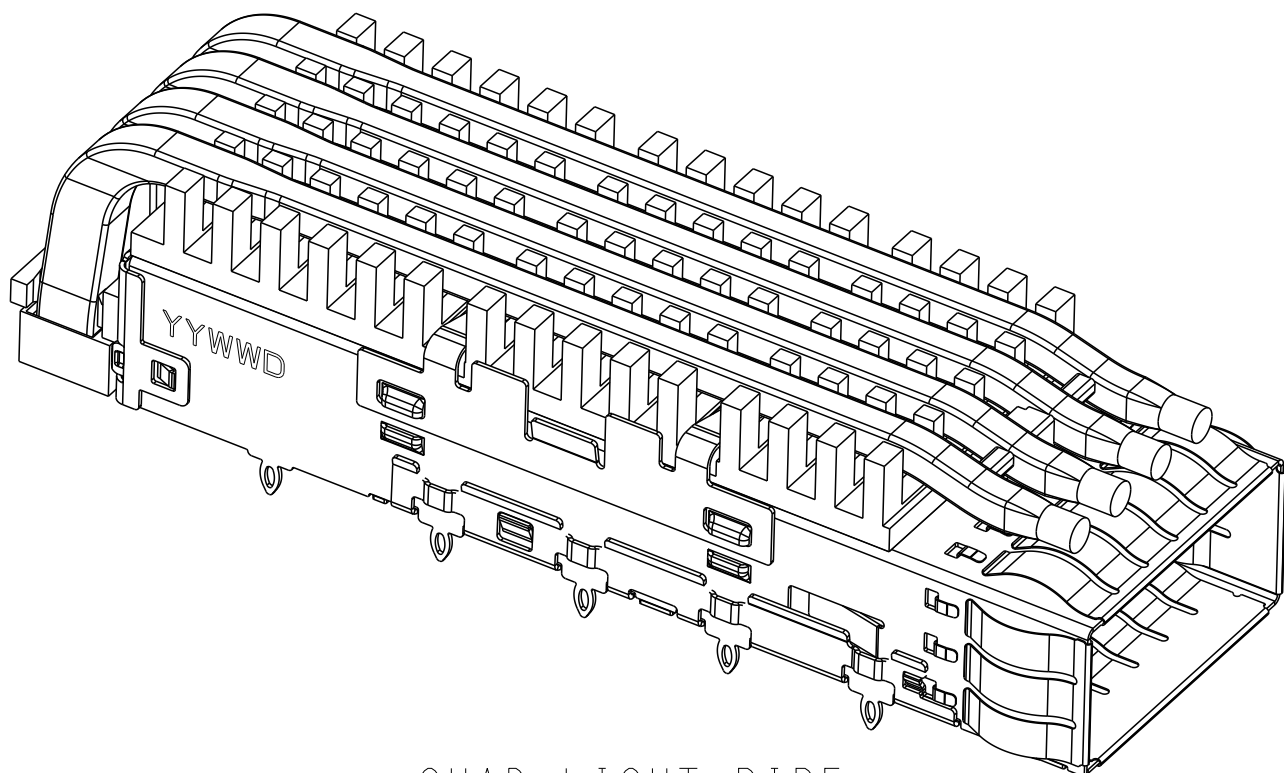
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
WITHOUT ORGANIZER
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2

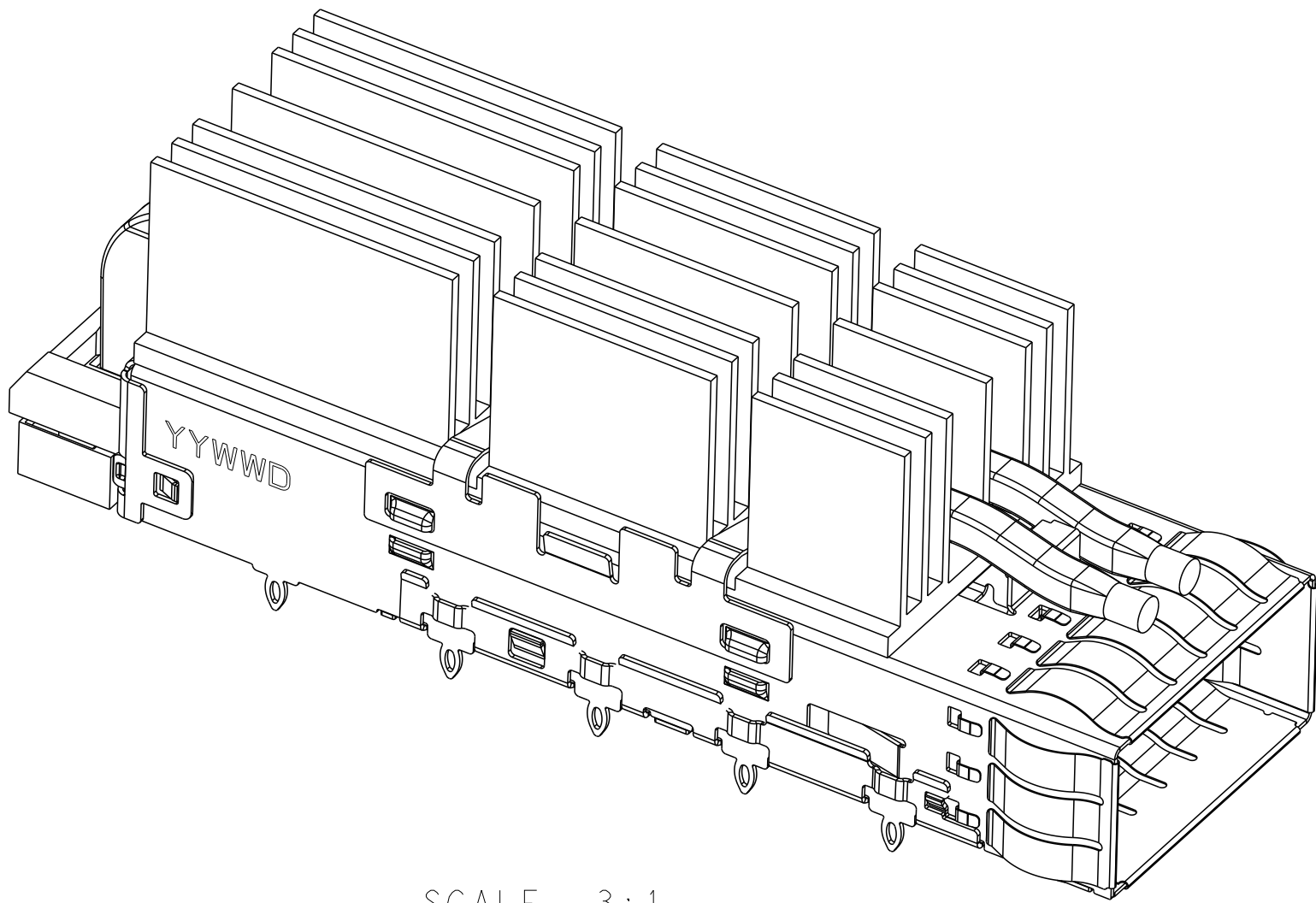


QUAD LIGHT PIPE
SCALE 5:2

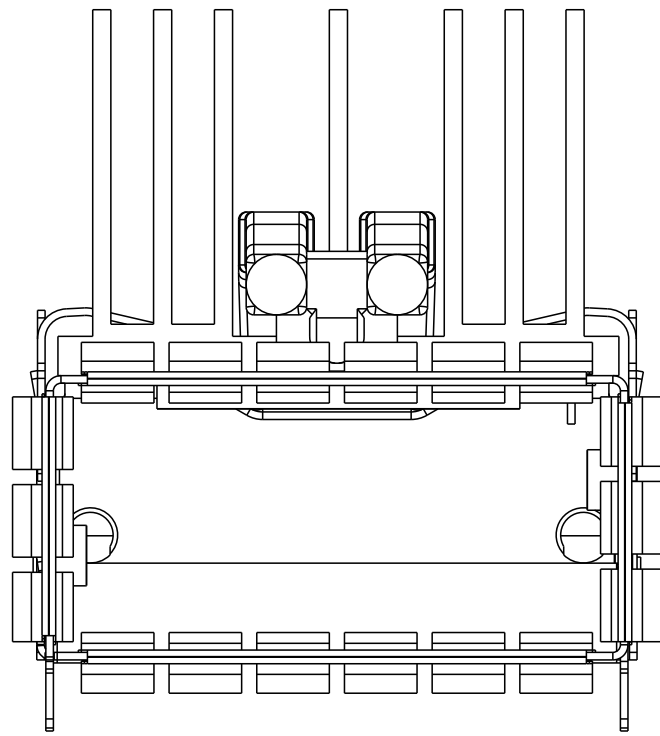
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		CHK: SEAN HAN 26JAN2016		
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mm		0 PLC ±0.25		
		1 PLC ±0.25		
		2 PLC ±0.20		
		3 PLC ±0.100		
		4 PLC ±		
ANGLES		114-32023		SIZE
FINISH		WEIGHT		CAGE CODE
MATERIAL		CUSTOMER DRAWING		DRAWING NO
				RESTRICTED TO
				A100779C=2170705
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
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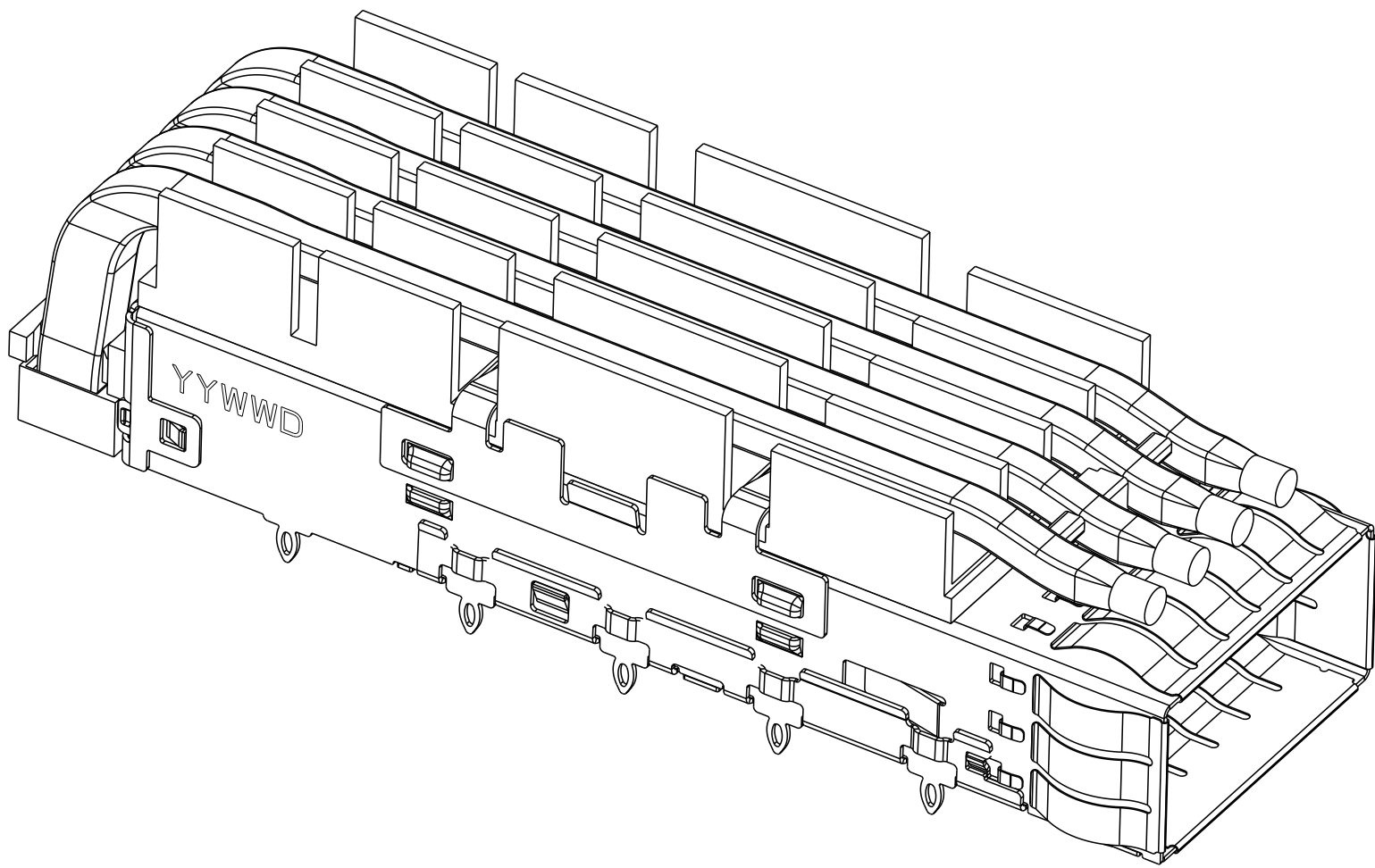
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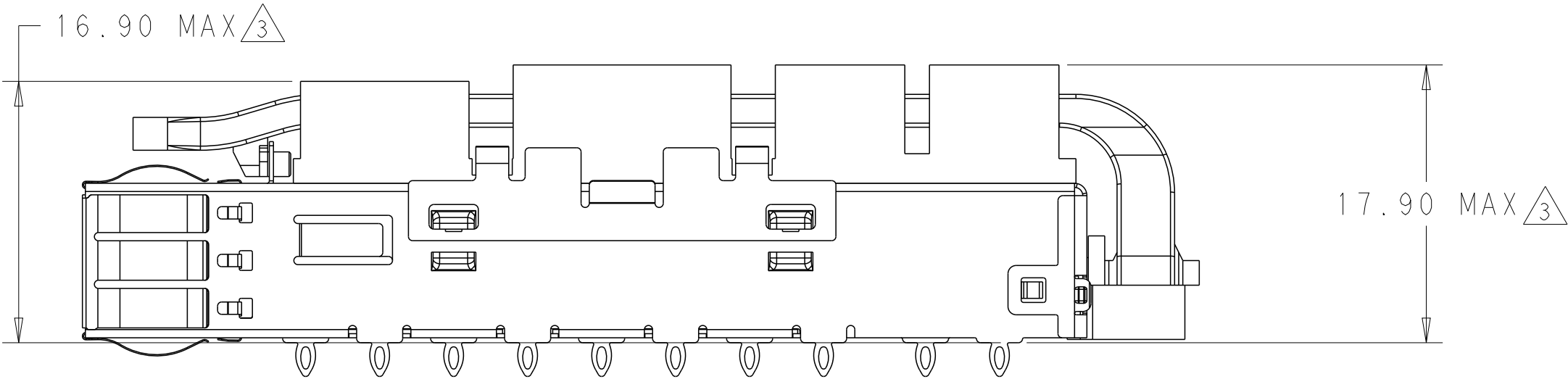
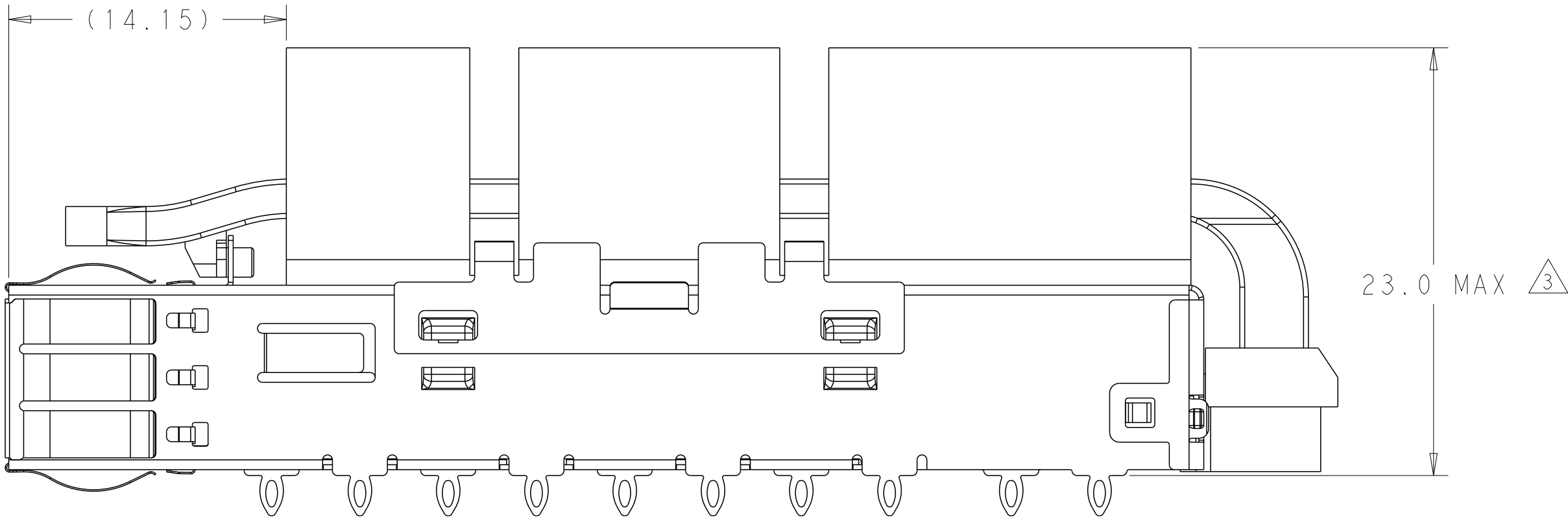
SCALE 3:1



1-2170705-2
3D VIEW AS SHOWN



SCALE 3:1

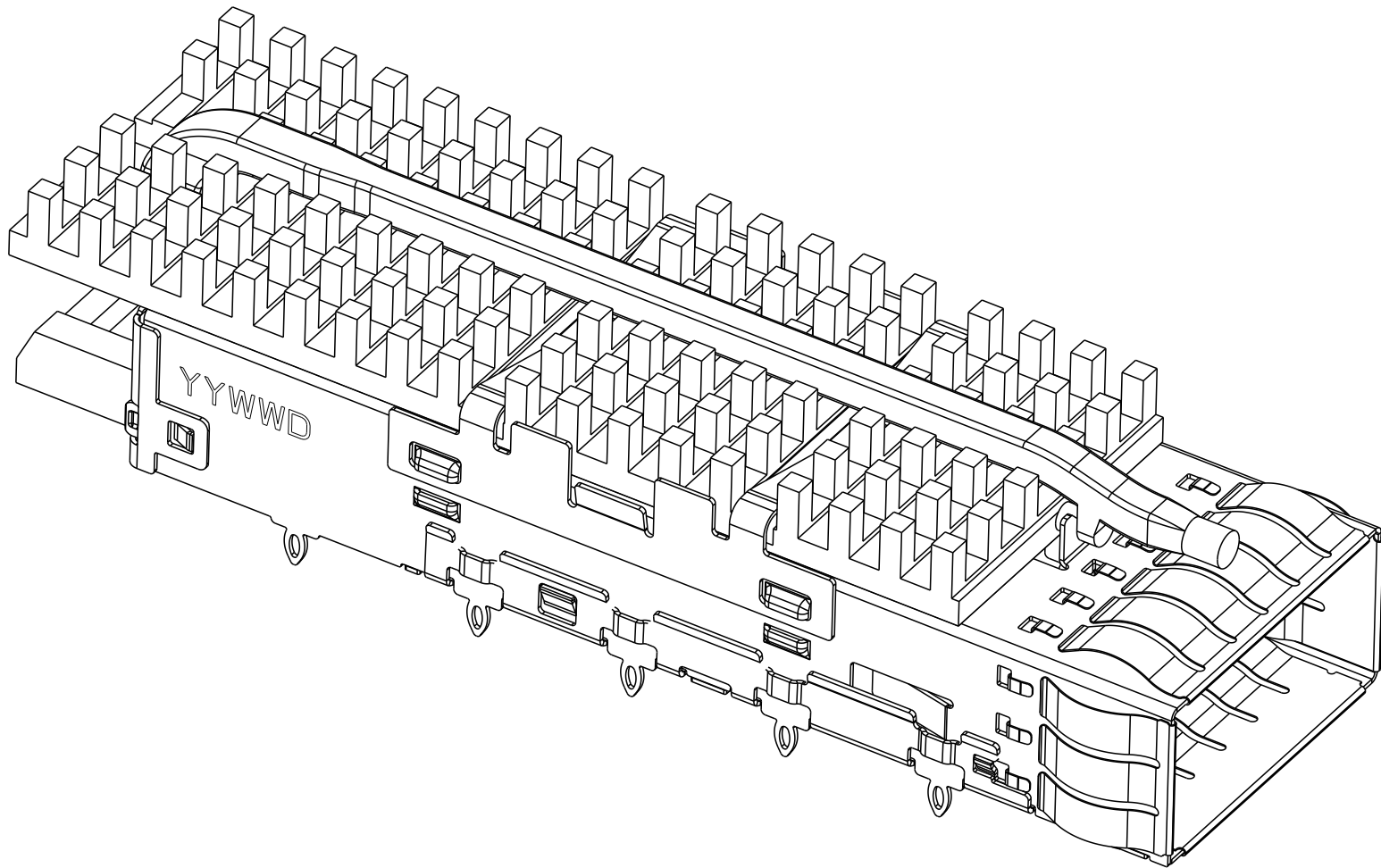


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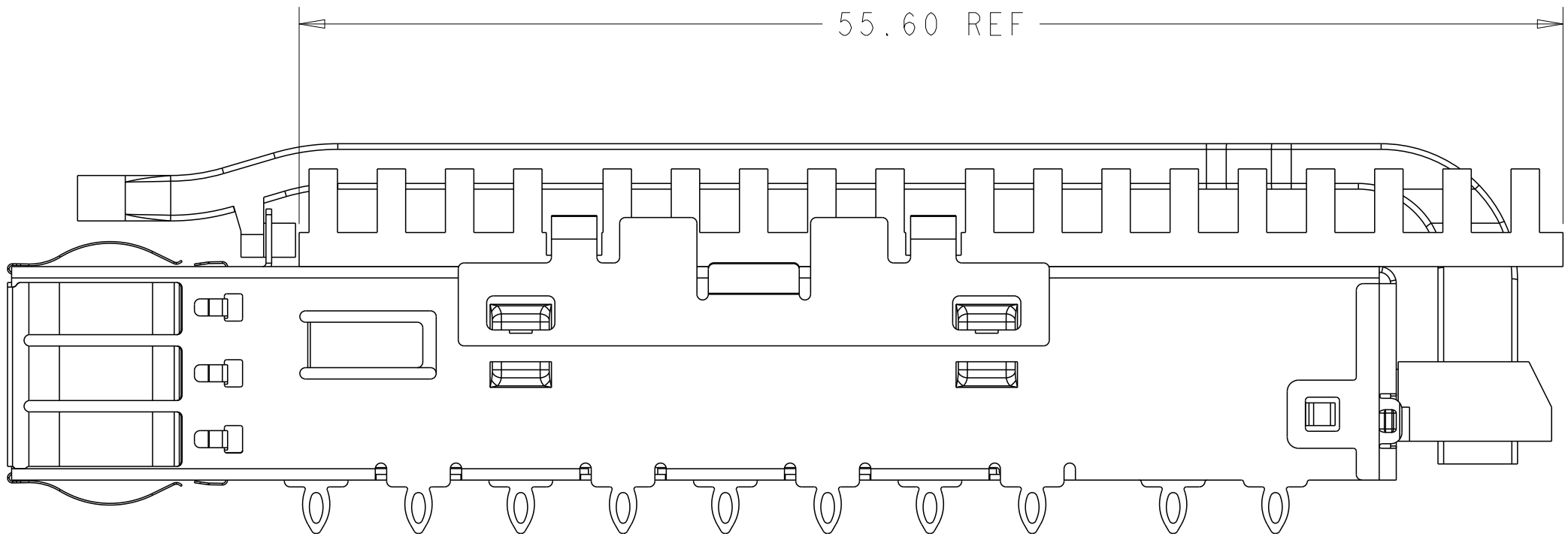
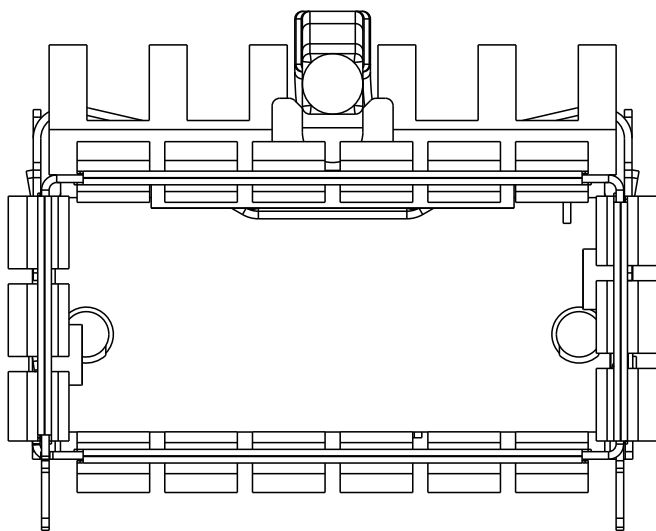
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	 TE Connectivity	
		CHK: SEAN HAN 26JAN2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE SIZE: CAGE CODE: DRAWING NO: RESTRICTED TO A100779C=2170705 - CUSTOMER DRAWING SCALE: 2:1 SHEET 3 of 9 REV D1
mm		0 PLC ±0.25		
		1 PLC ±0.25		
		2 PLC ±0.20		
		3 PLC ±0.100		
MATERIAL:		ANGLES ±°		
FINISH:		-		
-		-		

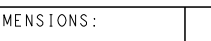
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-	-	P	LTR	DESCRIPTION			DATE	DWN	APVD

1-2170705-1
UNMARKED DIMENSIONS SAME AS 2170705-4



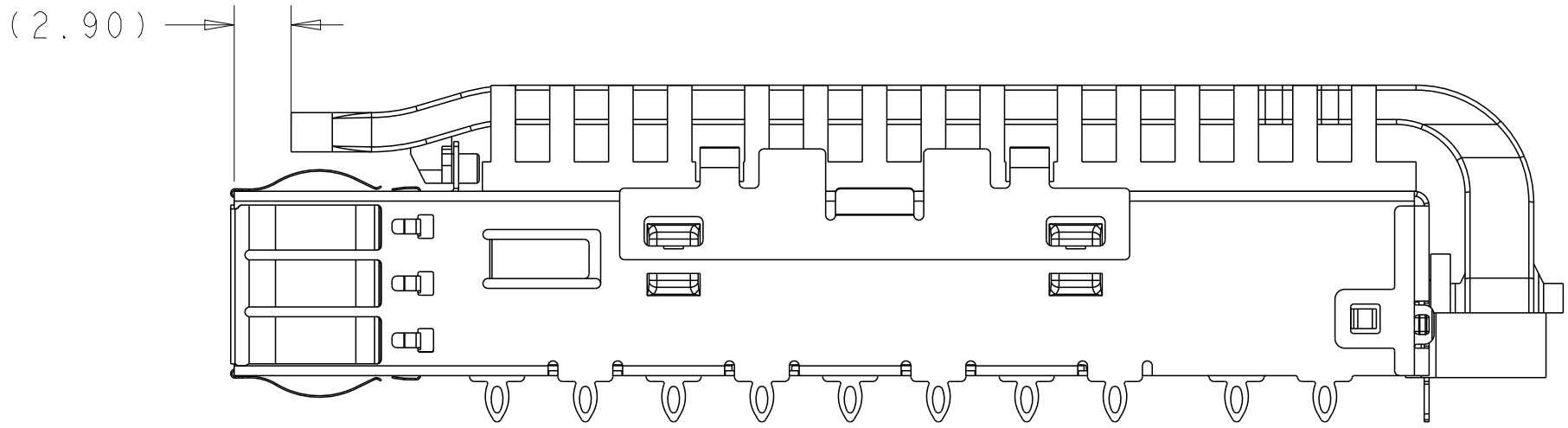
SCALE 3:1



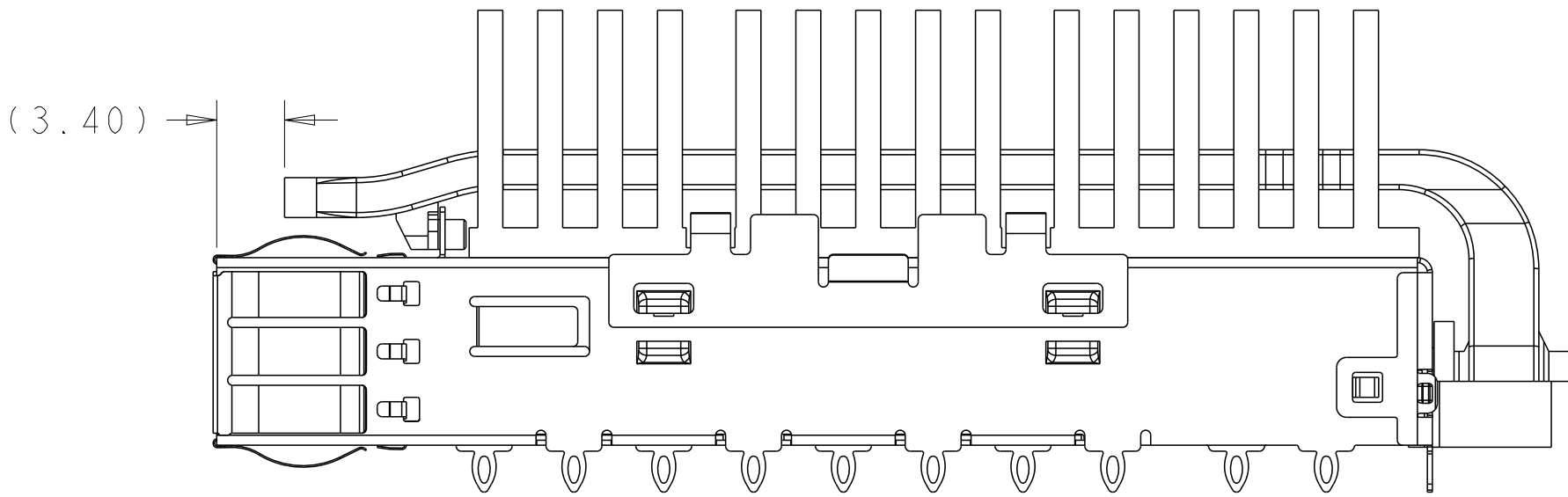
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG CHK SEAN HAN	07MAR2014 26JAN2016	 TE Connectivity	
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mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.100 4 PLC ± ANGLES ± FINISH -		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023	
				SIZE CAGE CODE DRAWING NO A100779C=2170705	
MATERIAL -				RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 4 OF 9 REV D	

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

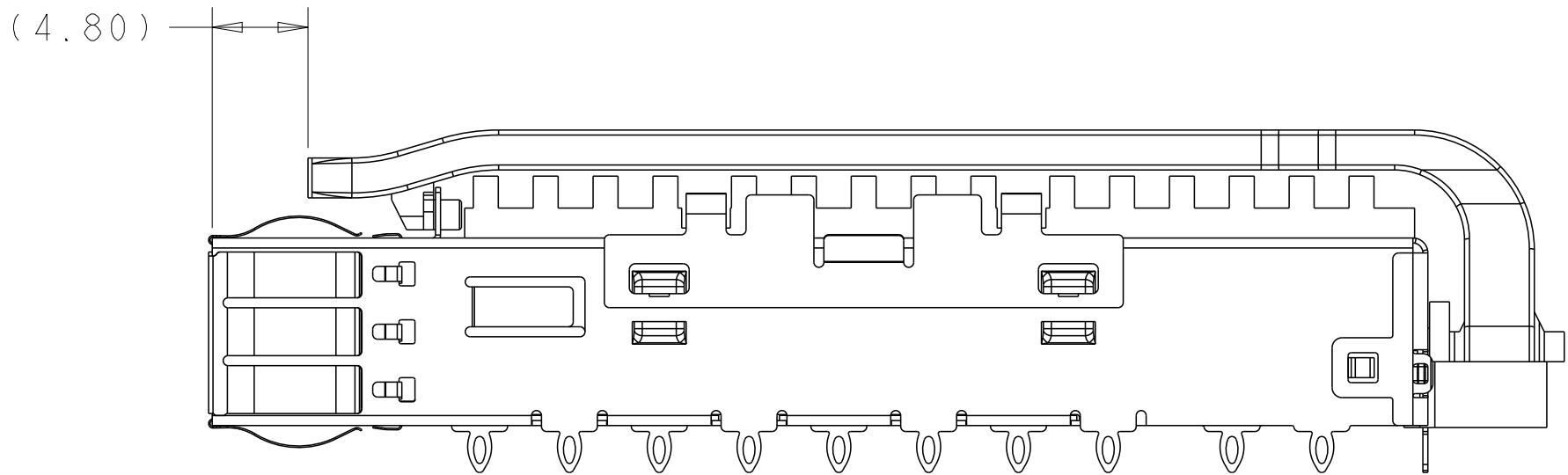
LIGHT PIPE LENGTH OPTIONS



WITH LIGHT PIPE LENGTH B=2.9
SCALE 3:1



WITH LIGHT PIPE LENGTH B=3.4
SCALE 3:1



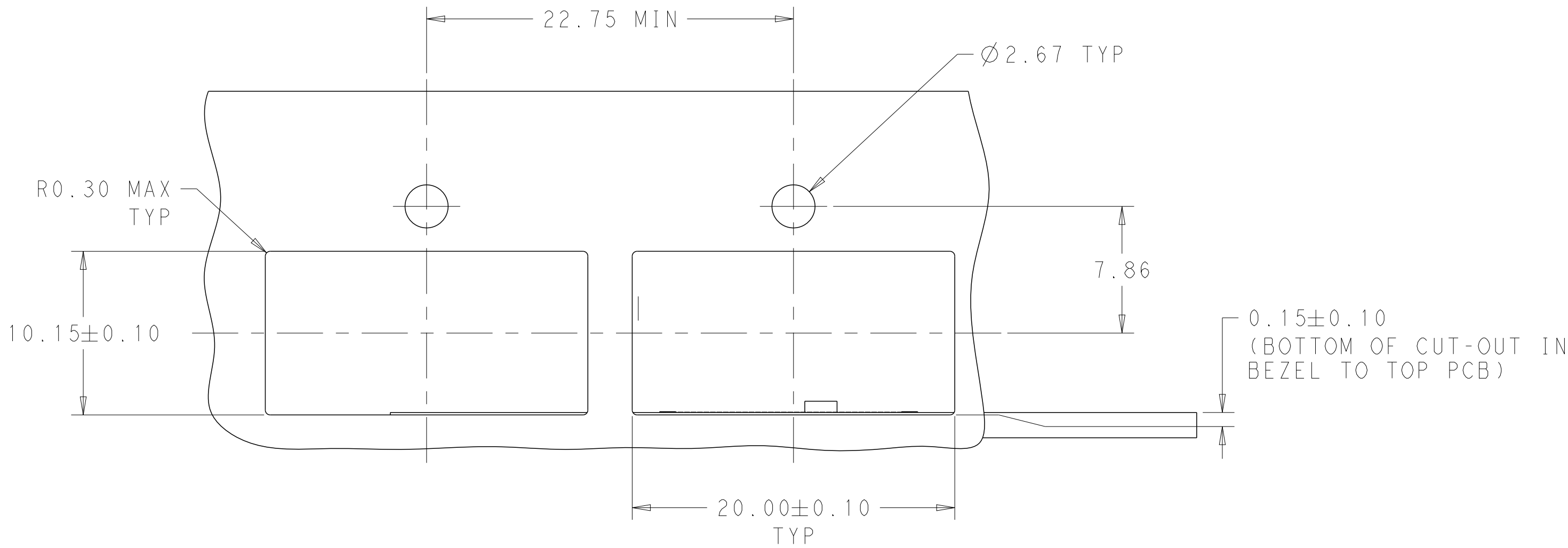
WITH LIGHT PIPE LENGTH B=4.8
SCALE 3:1

BOM

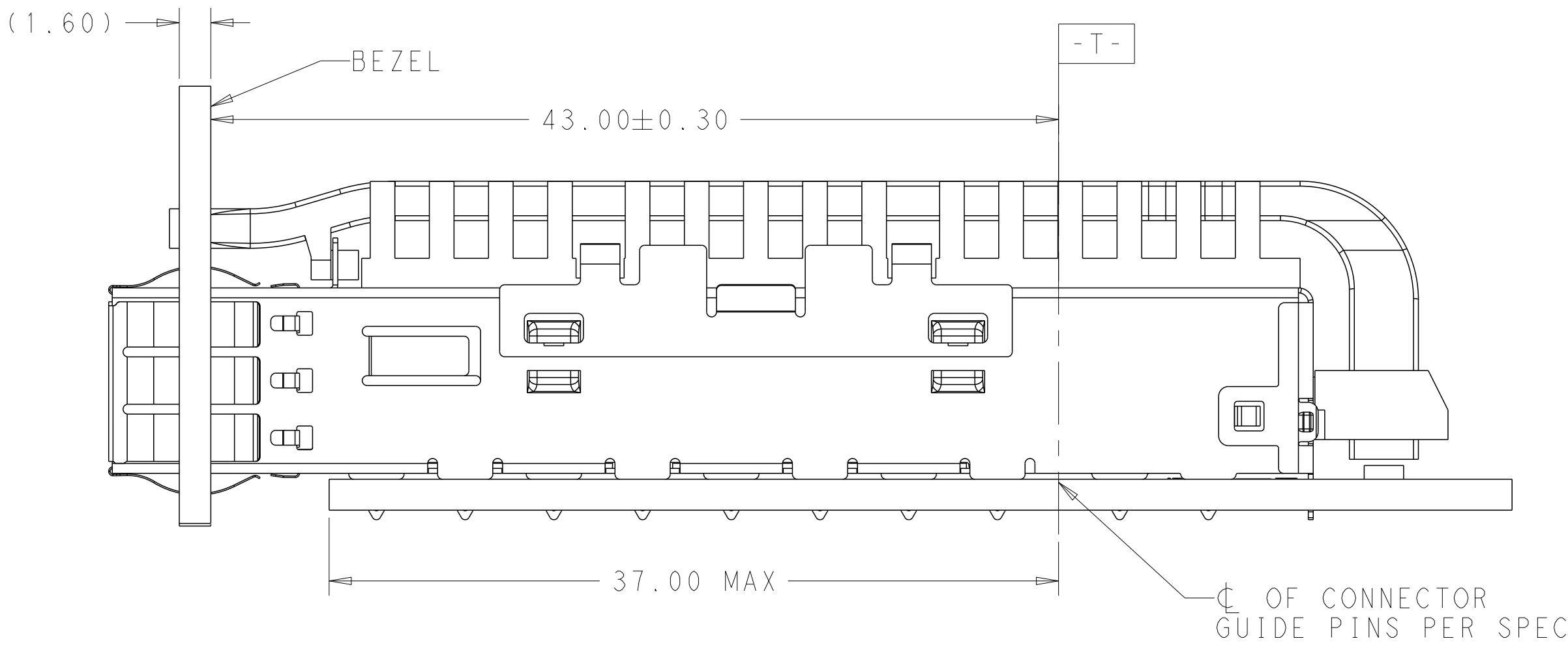
4.8	0	16.00	PIN	SAN	DUAL LP	6-2170705-3
5.2	1	16.00	PIN	SAN	DUAL LP	6-2170705-2
4.8	2	13.7	PIN	PCI	QUAD LP	6-2170705-1
3.4	1	23.0	PIN	NETWORKING	QUAD LP	5-2170705-9
2.9	1	16.0	PIN	SAN	COATED QUAD LP	5-2170705-8
	1	13.7	PIN	PCI	COATED QUAD LP	5-2170705-7
	0	31.6	PIN	CUSTOMIZED	QUAD LP	5-2170705-1
	1	23.0	PIN	NETWORKING	QUAD LP	4-2170705-9
	1	16.0	PIN	SAN	QUAD LP	4-2170705-8
	1	13.7	PIN	PCI	QUAD LP	4-2170705-7
	0	23.0	PIN	NETWORKING	QUAD LP	4-2170705-6
	0	16.0	PIN	SAN	QUAD LP	4-2170705-5
	0	13.7	PIN	PCI	QUAD LP	4-2170705-4
	2	23.0	PIN	NETWORKING	QUAD LP	4-2170705-3
	2	16.0	PIN	SAN	QUAD LP	4-2170705-2
	2	13.7	PIN	PCI	QUAD LP	4-2170705-1
	0	17.9	FIN	NETWORKING	QUAD LP	1-2170705-2
	0	23.0	FIN	NETWORKING	DUAL LP	3-2170705-0
	1	23.0	PIN	NETWORKING	DUAL LP	2-2170705-9
	1	16.0	PIN	SAN	DUAL LP	2-2170705-8
	1	13.7	PIN	PCI	DUAL LP	2-2170705-7
	0	23.0	PIN	NETWORKING	DUAL LP	2-2170705-6
	0	16.0	PIN	SAN	DUAL LP	2-2170705-5
	0	13.7	PIN	PCI	DUAL LP	2-2170705-4
	2	23.0	PIN	NETWORKING	DUAL LP	2-2170705-3
	2	16.0	PIN	SAN	DUAL LP	2-2170705-2
	2	13.7	PIN	PCI	DUAL LP	2-2170705-1
	0	13.7	PIN	PCI	SINGLE LP	1-2170705-1
	1	23.0	PIN	NETWORKING	SINGLE LP(COATED)	1-2170705-0
	1	23.0	PIN	NETWORKING	SINGLE LP	2170705-9
	1	16.0	PIN	SAN	SINGLE LP	2170705-8
	1	13.7	PIN	PCI	SINGLE LP	2170705-7
	0	23.0	PIN	NETWORKING	SINGLE LP	2170705-6
	0	16.0	PIN	SAN	SINGLE LP	2170705-5
	0	13.7	PIN	PCI	SINGLE LP	2170705-4
	2	23.0	PIN	NETWORKING	SINGLE LP	2170705-3
	2	16.0	PIN	SAN	SINGLE LP	2170705-2
	2	13.7	PIN	PCI	SINGLE LP	2170705-1
DIM B	# REAR PINS	DIM A	HEAT SINK TYPE	APPLICATION (HEAT SINK OPTION)	LIGHT PIPE OPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 07MAR2014	TE Connectivity	
		CHK SEAN HAN 26JAN2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.100 4 PLC ± ANGLES FINISH		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023
MATERIAL -		WEIGHT -		SIZE CAGE CODE DRAWING NO 100779C=2170705
		CUSTOMER DRAWING		RESTRICTED TO -
		SCALE 2:1		SHEET 5 OF 9
				REV D1

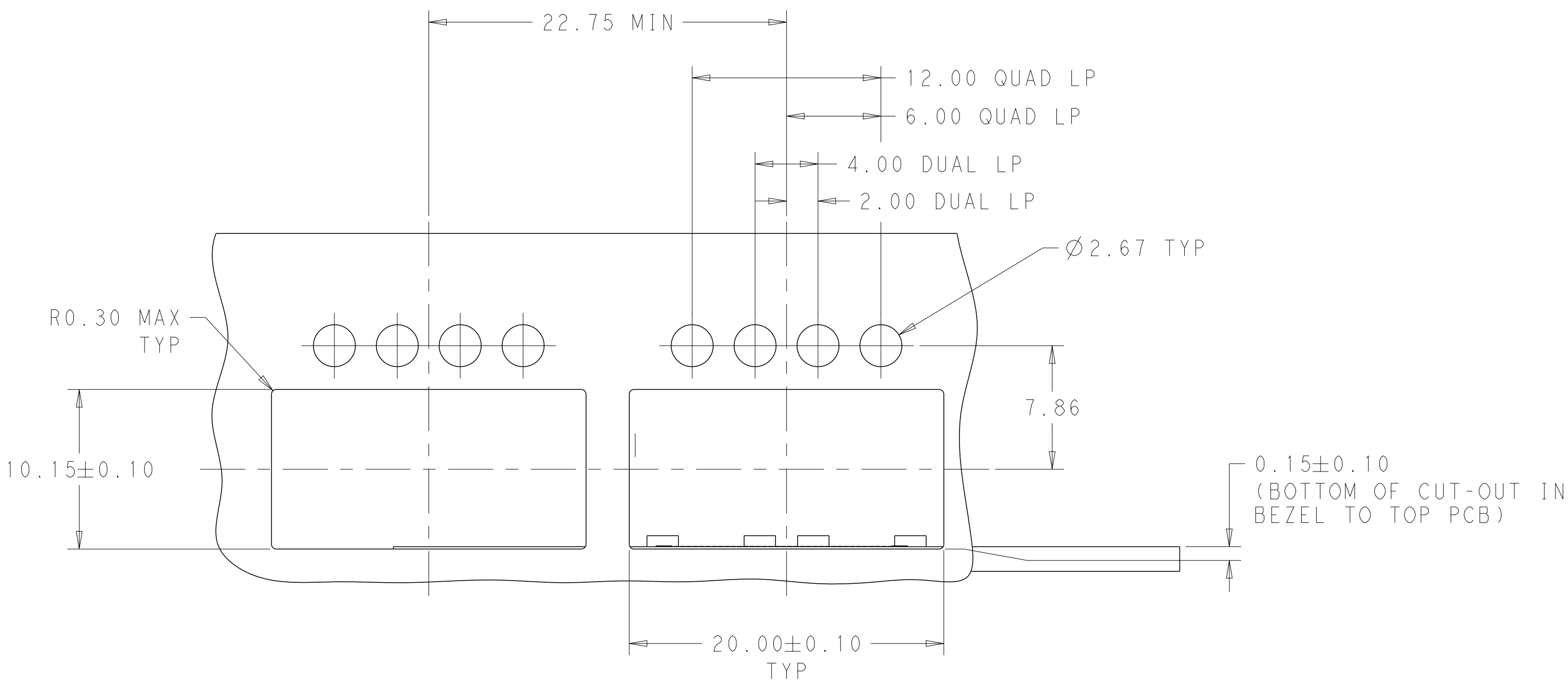
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



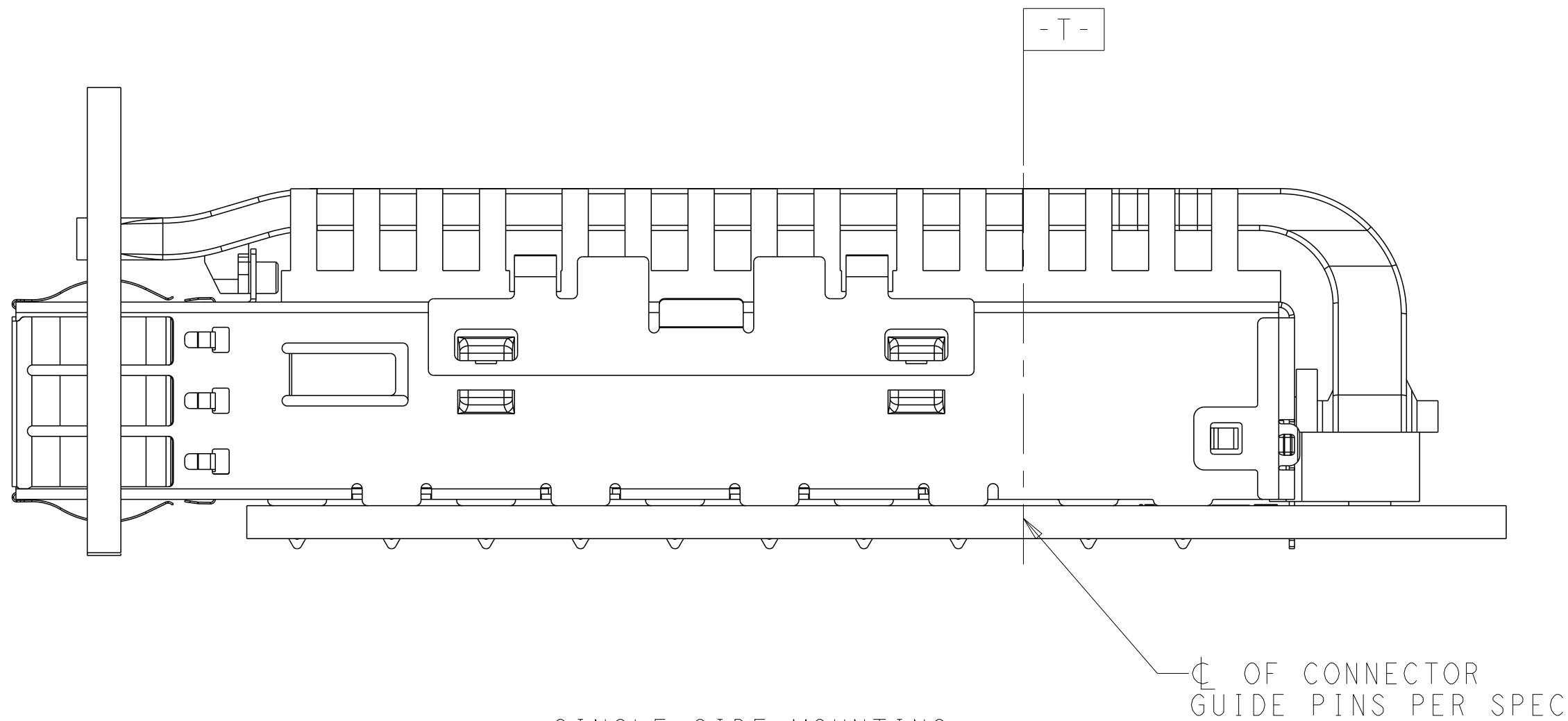
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1

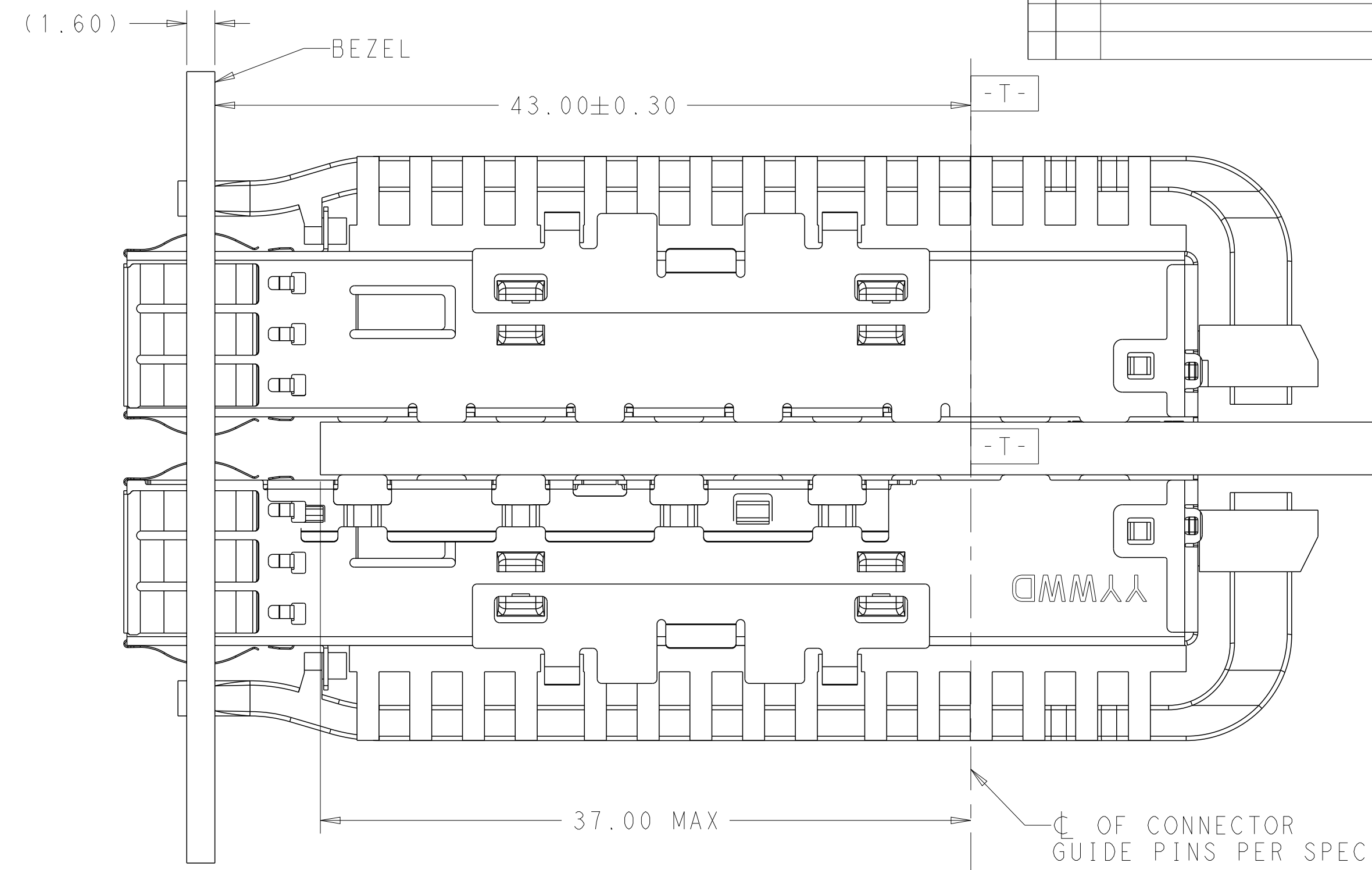


DUAL/QUAD LIGHT PIPE TYPE

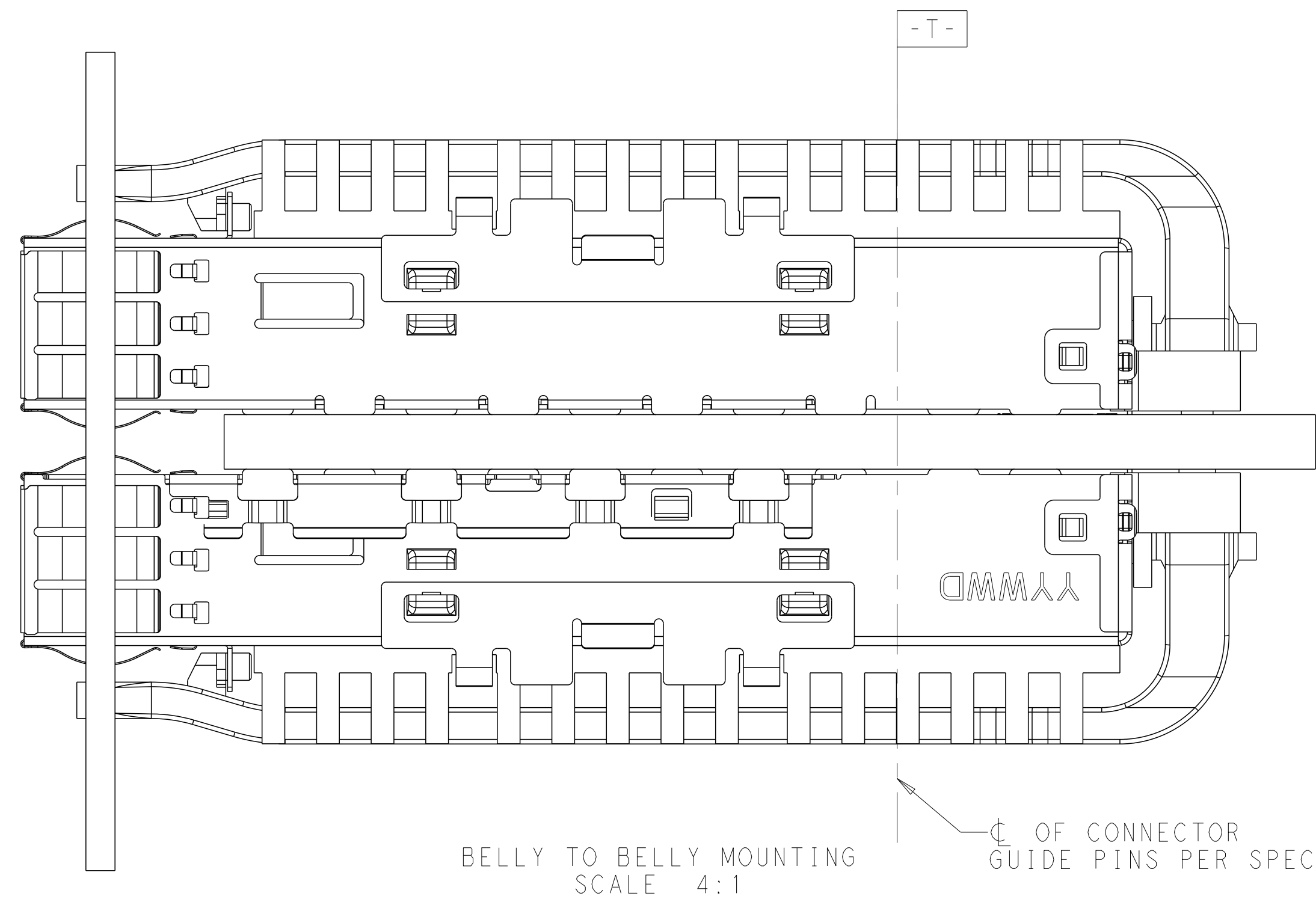


SINGLE SIDE MOUNTING
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 07MAR2014	TE Connectivity	
		CHK SEAN HAN 26JAN2016		
DIMENSIONS:		APVD	NAME	
mm		PRODUCT SPEC	CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
		108-19428		
		APPLICATION SPEC	SIZE	
		114-32023	CAGE CODE DRAWING NO	
MATERIAL		WEIGHT	A100779C=2170705	
		CUSTOMER DRAWING	RESTRICTED TO	
		SCALE 2:1	SHEET 6 OF 9	
			REV D1	

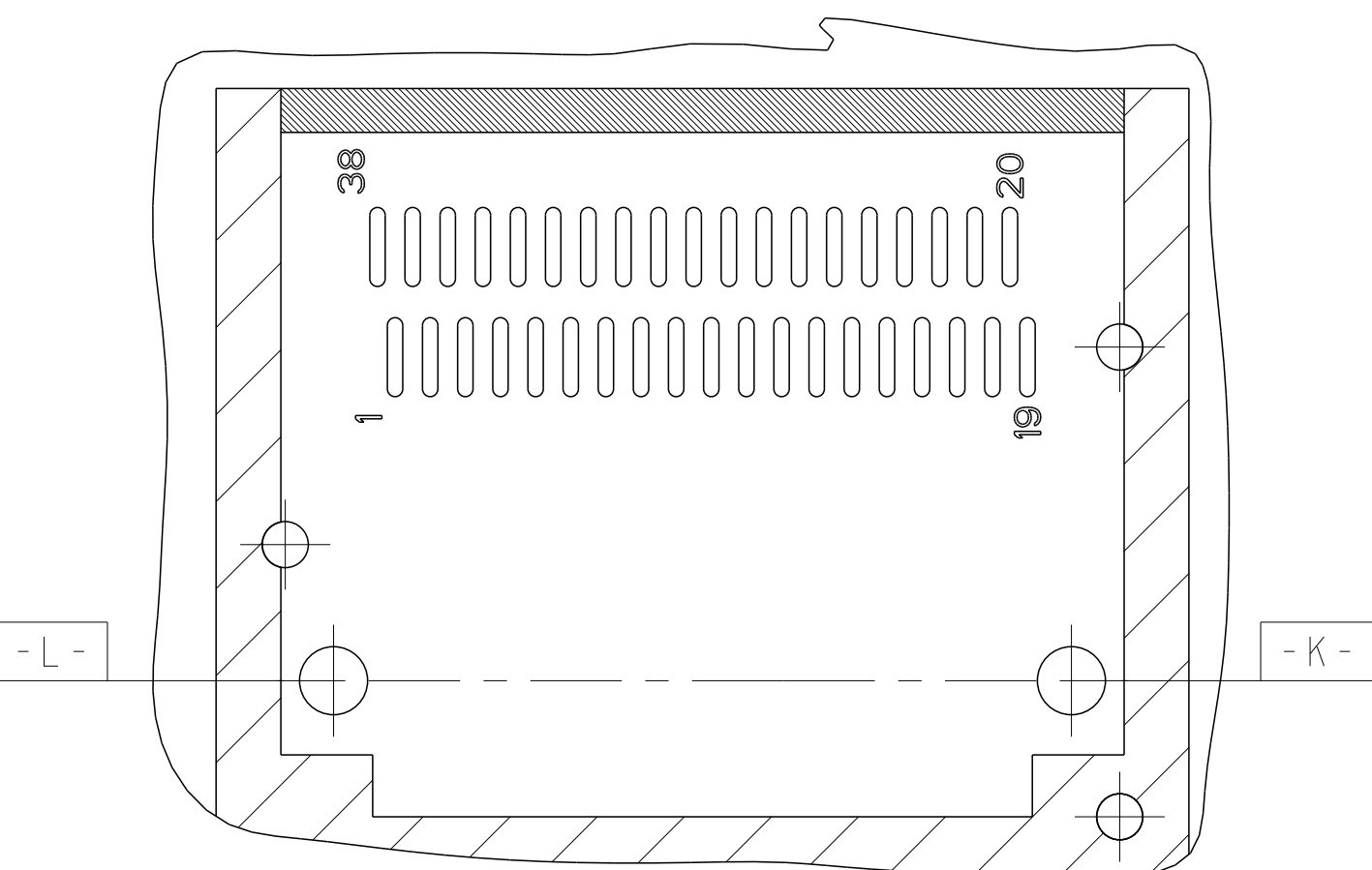


BELLY TO BELLY MOUNTING
SCALE 4:1



BELLY TO BELLY MOUNTING
SCALE 4:1

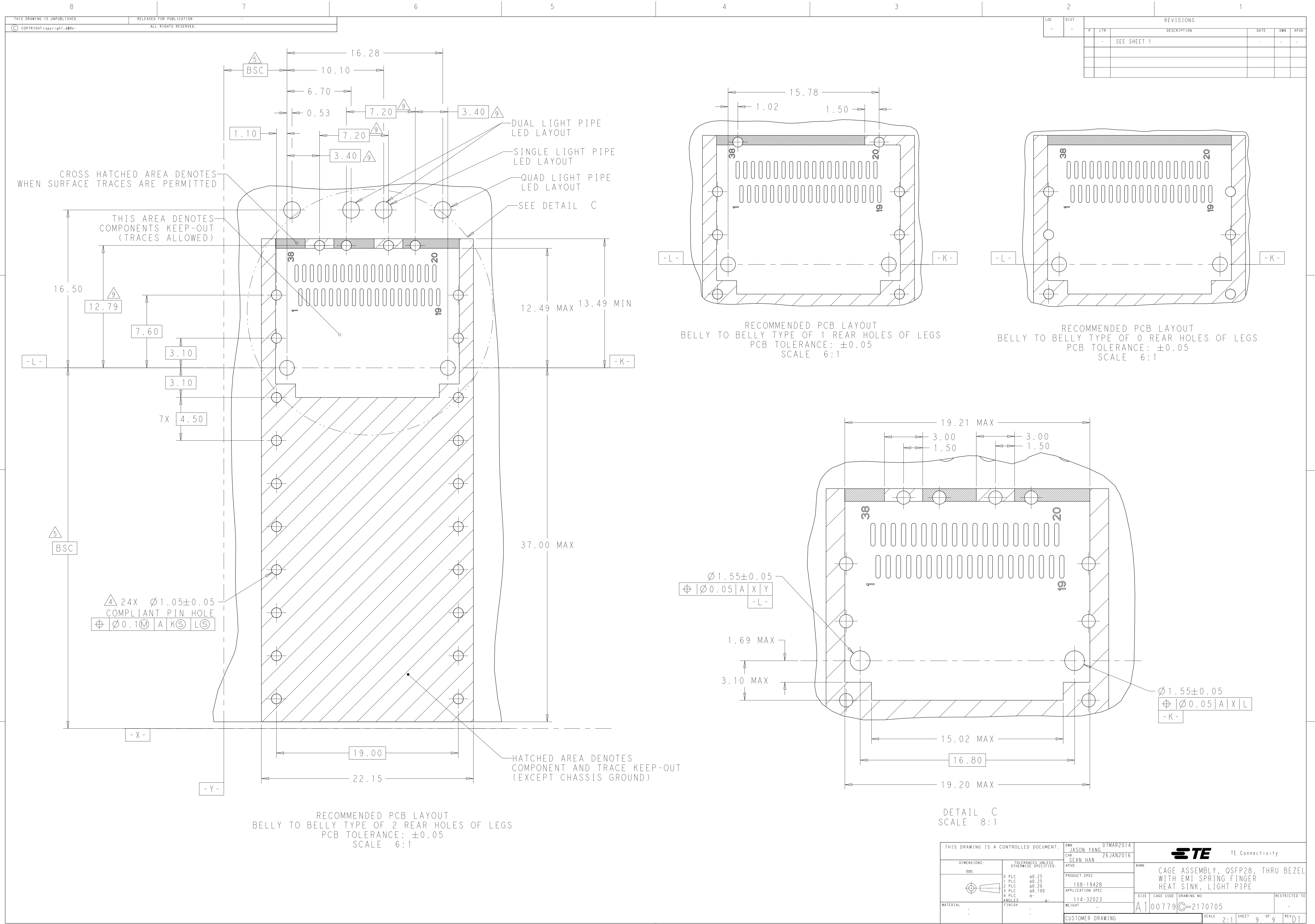
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07MAR2014		 TE Connectivity			
		JASON YANG					
		CHK SEAN HAN 26JAN2016					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE			
mm		APVD					
		PRODUCT SPEC					
		108-19428					
		APPLICATION SPEC					
		114-32023					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		-		A1	00779	C=2170705	-
CUSTOMER DRAWING				SCALE	2:1	SHEET 7 of 9	REV D



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 07MAR2014 JASON YANG		TE Connectivity	
DIMENSIONS:		CWN 26JAN2016 SEAN HAN		NAME	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD		CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
	0 P/LC ±0.25 1 P/LC ±0.25 2 P/LC ±0.20 3 P/LC ±0.100 4 P/LC ± ANGLES ±	PRODUCT SPEC 108-19428		SIZE	
MATERIAL	FINISH	APPLICATION SPEC 114-32023		CAGE CODE DRAWING NO	
-	-	WEIGHT -		A 100779 ©=2170705	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 8 OF 9 REV D1	



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