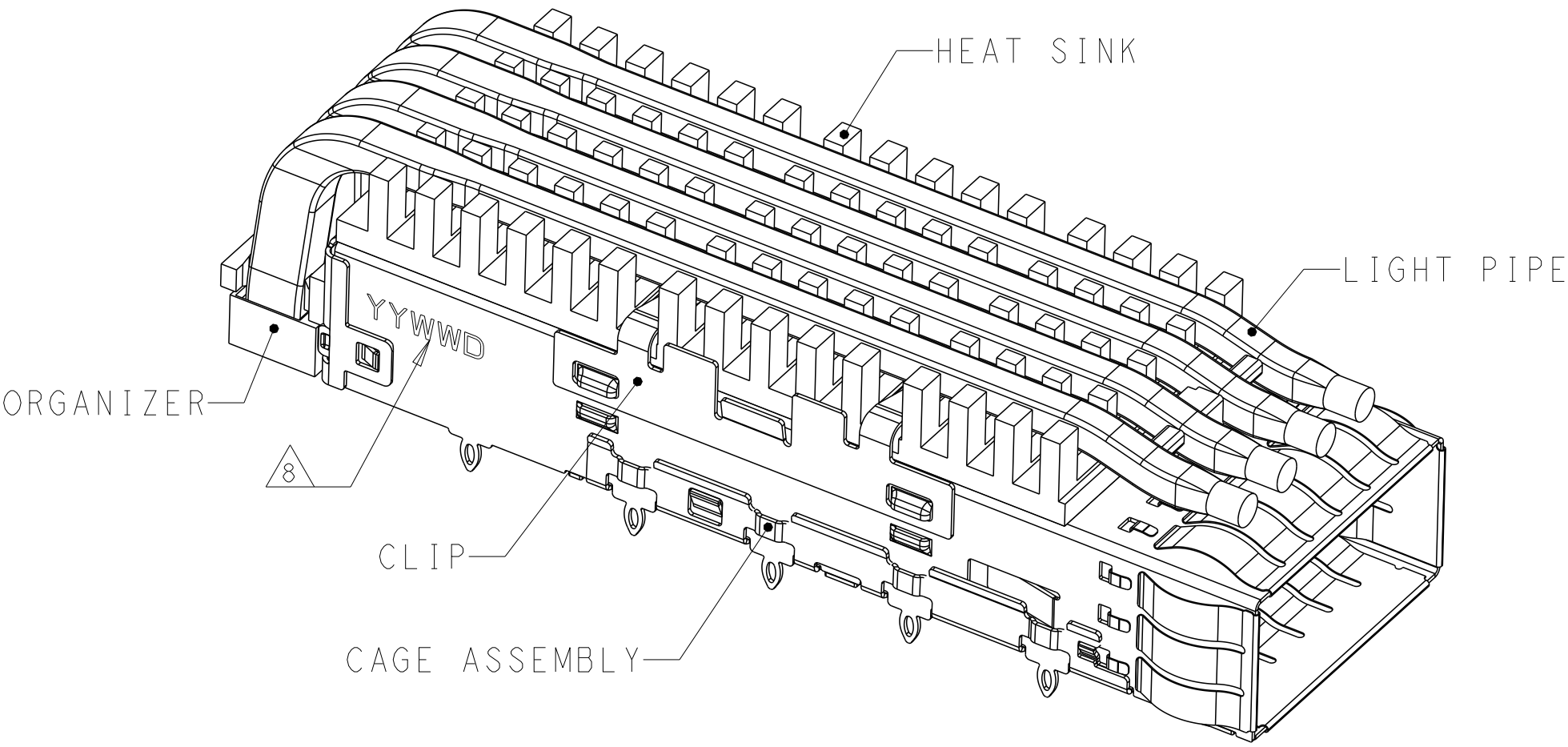
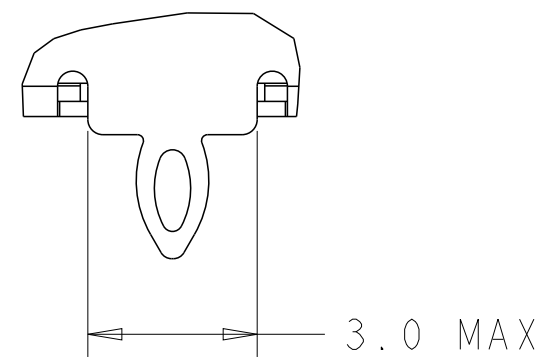
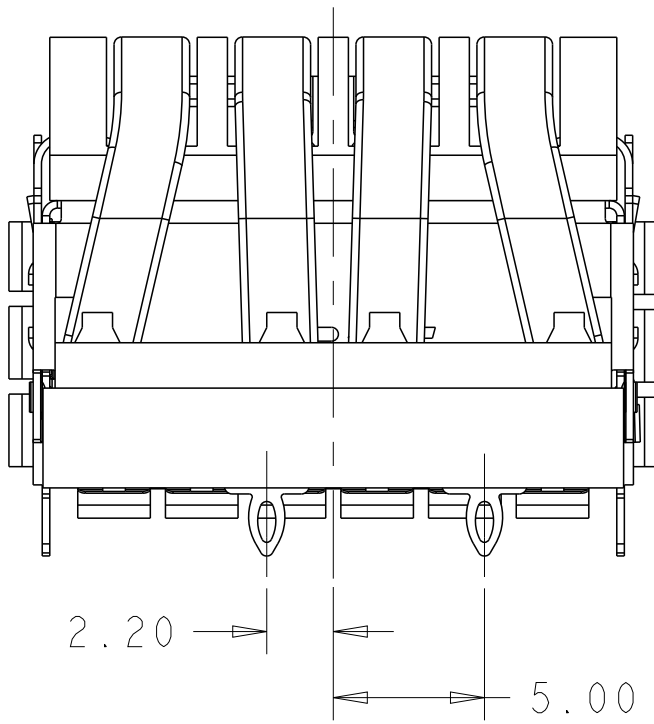
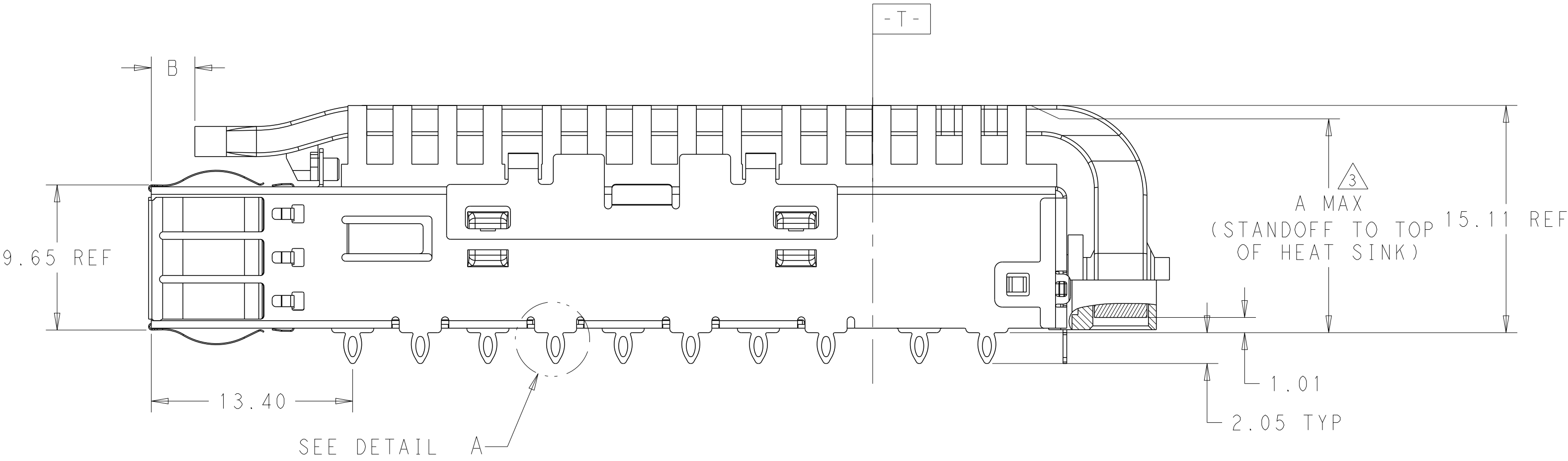
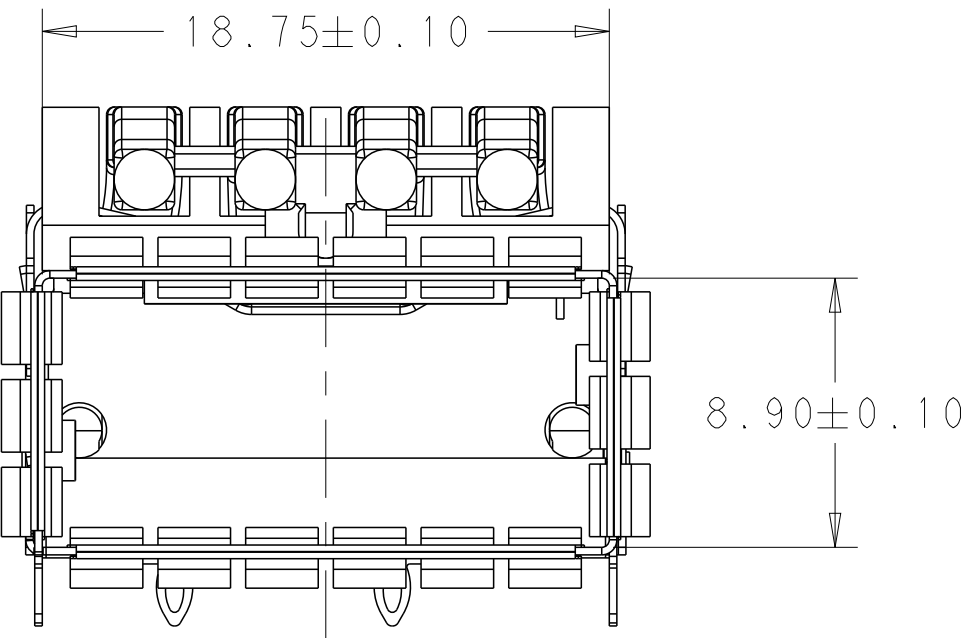
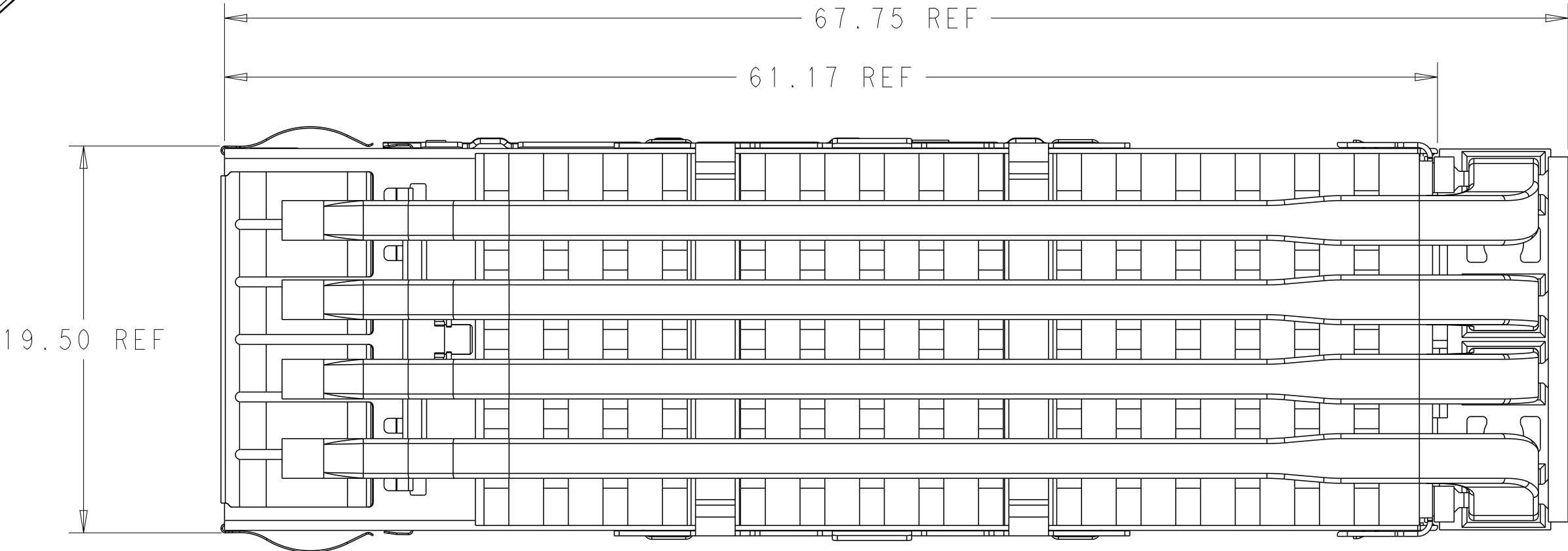


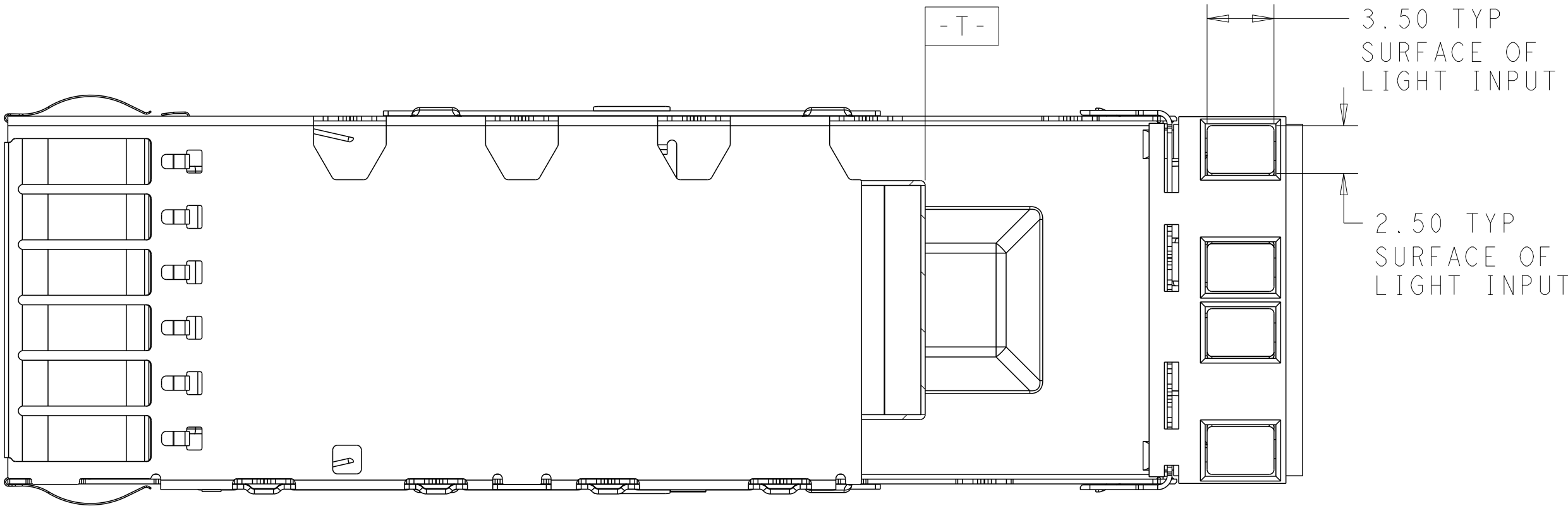
LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
B		REVISED PER ECO-17-011899			15AUG2017	RG	SH	
C		ADD SOME DIMENSIONS			10JAN2018	JY	SH	
D		REVISED PER ECO-19-013580			04SEP2019	SH	SH	
D1		REVISED PER ECN-22-135969			08JAN2022	TP	SZ	



4-2170705-2 SHOWN
SCALE 3:1



DETAIL A
SCALE 8:1



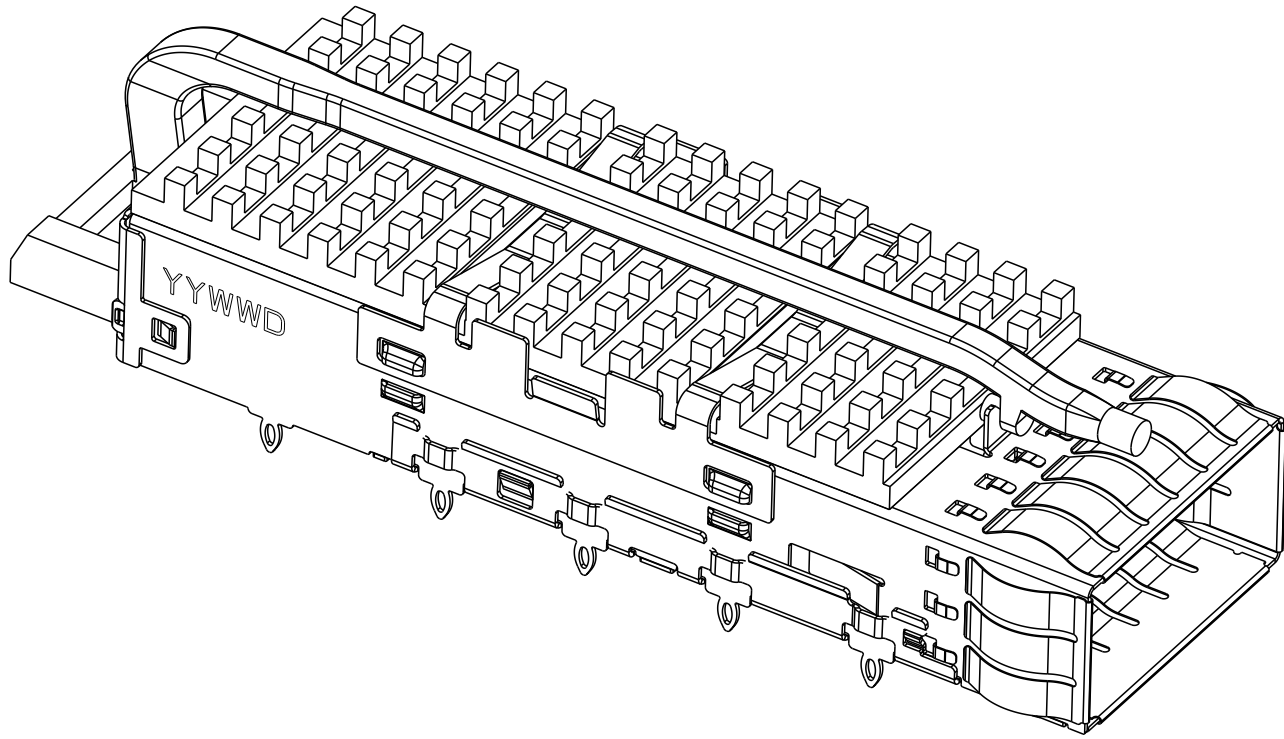
1. MATERIAL: CAGE MATERIAL : 0.25 THICK NICKEL SILVER.
SPRING MATERIAL: COPPER ALLOY
HEAT SINK MATERIAL: ALUMINUM
CLIP MATERIAL: STAINLESS STEEL
LIGHT PIPE MATERIAL: POLYCARBONATE
ORGANIZER MATERIAL: POLYESTER
2. FINISH: SPRING: NICKEL PLATING
HEAT SINK: BLACK ANODIZE
3. DIMENSION APPLIES WITH MODULE 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.

4-2170705-2 AS SHOWN

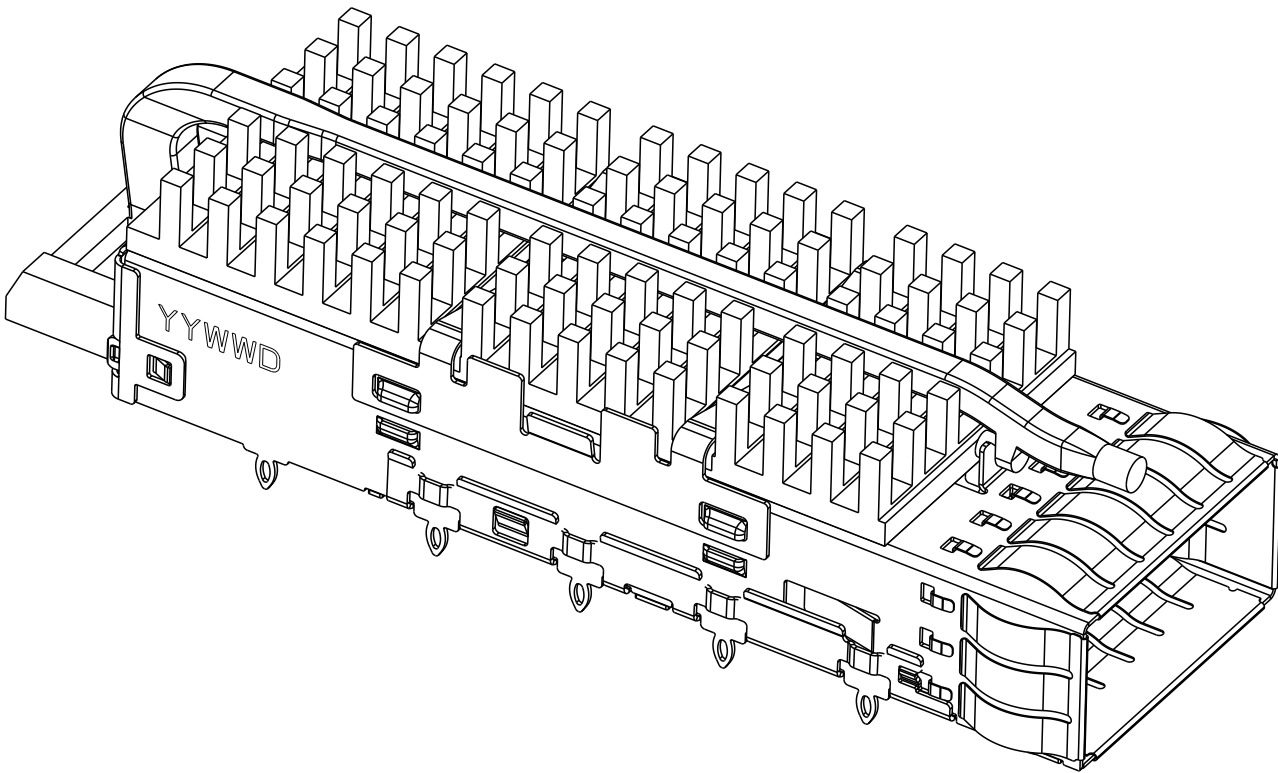
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014 CHK: SEAN HAN 26JAN2016 APVD:	 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME	CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
mm			PRODUCT SPEC	

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

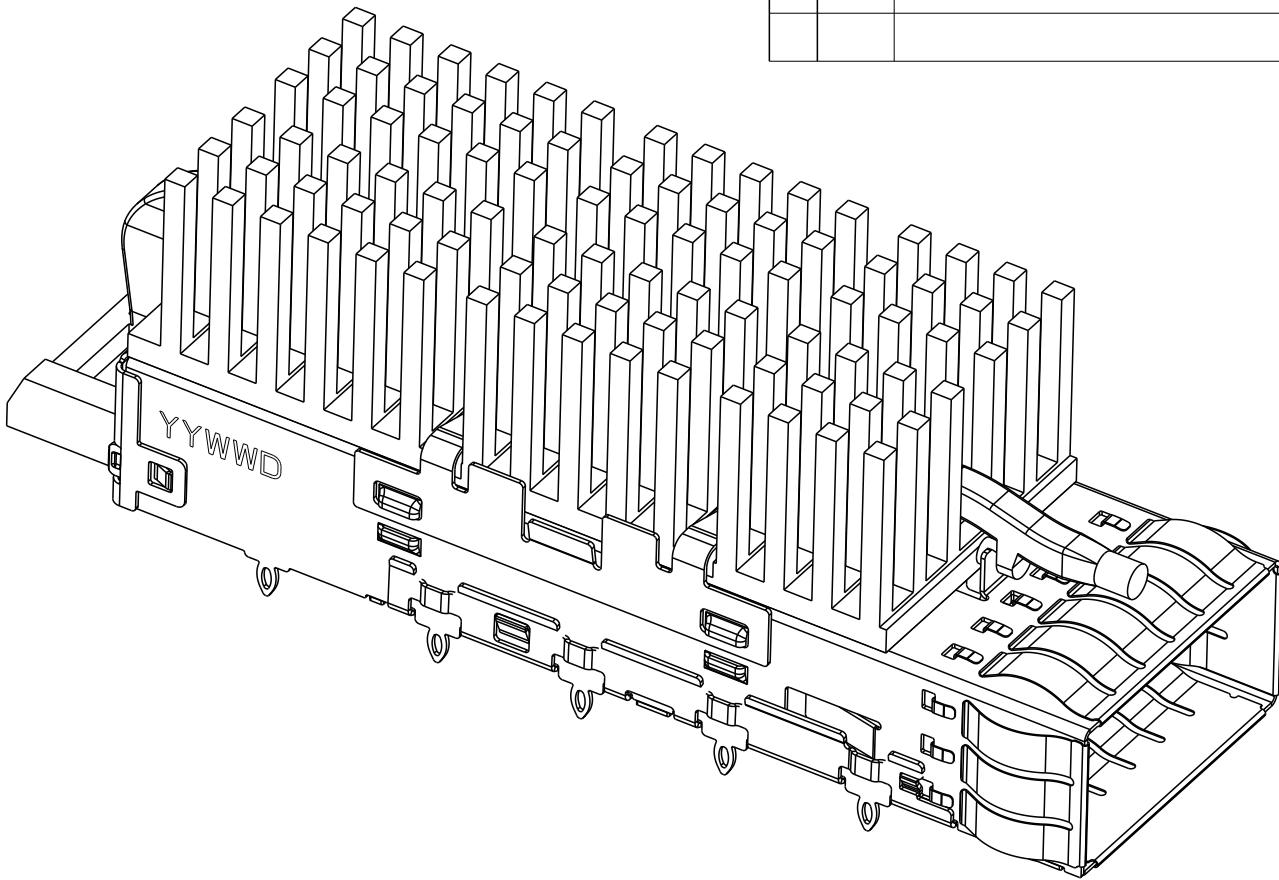
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 5:2

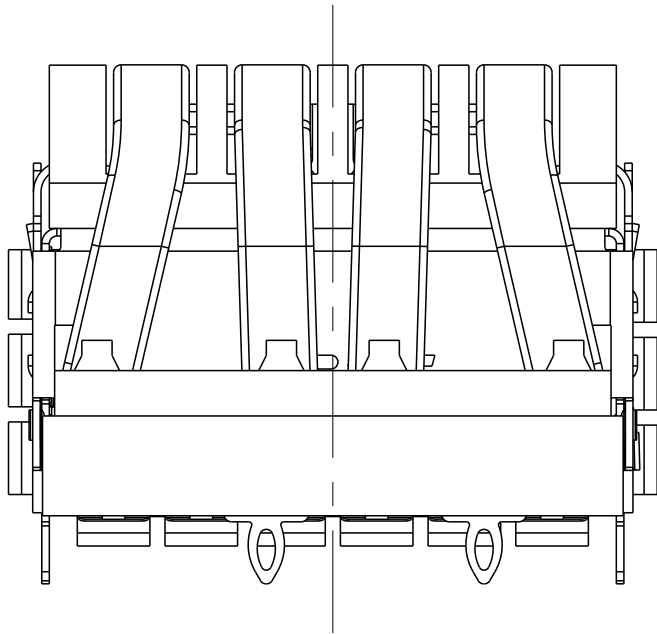


SAN HEAT SINK
SCALE 5:2

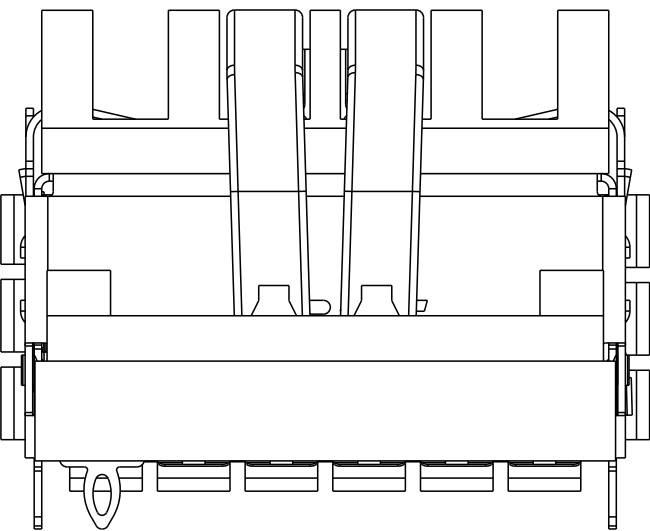


NETWORKING HEAT SINK
SCALE 5:2

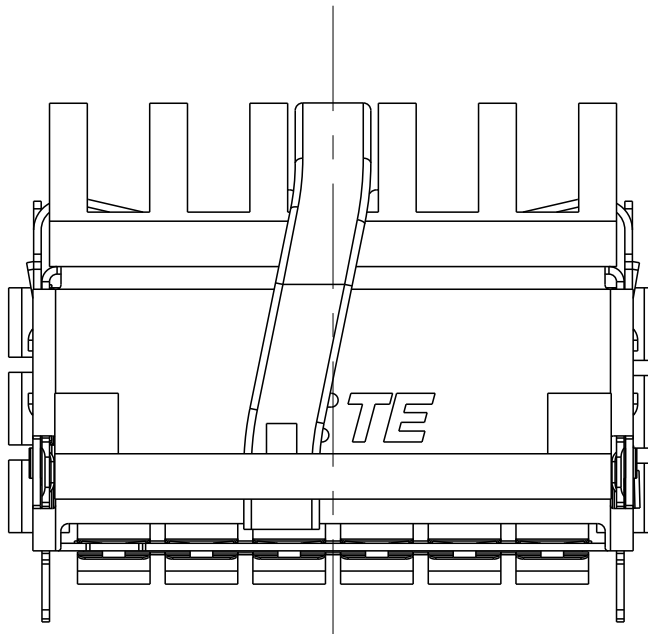
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

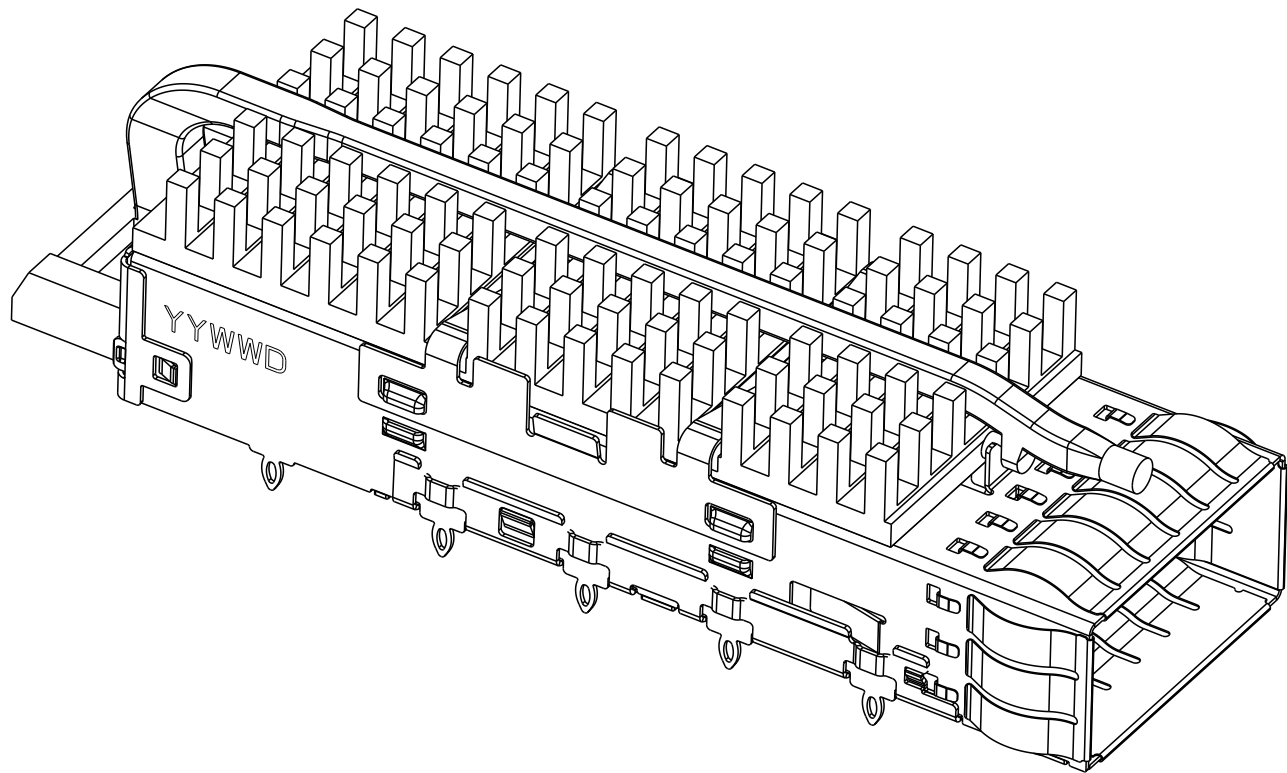


1 REAR LEG
SCALE 4:1

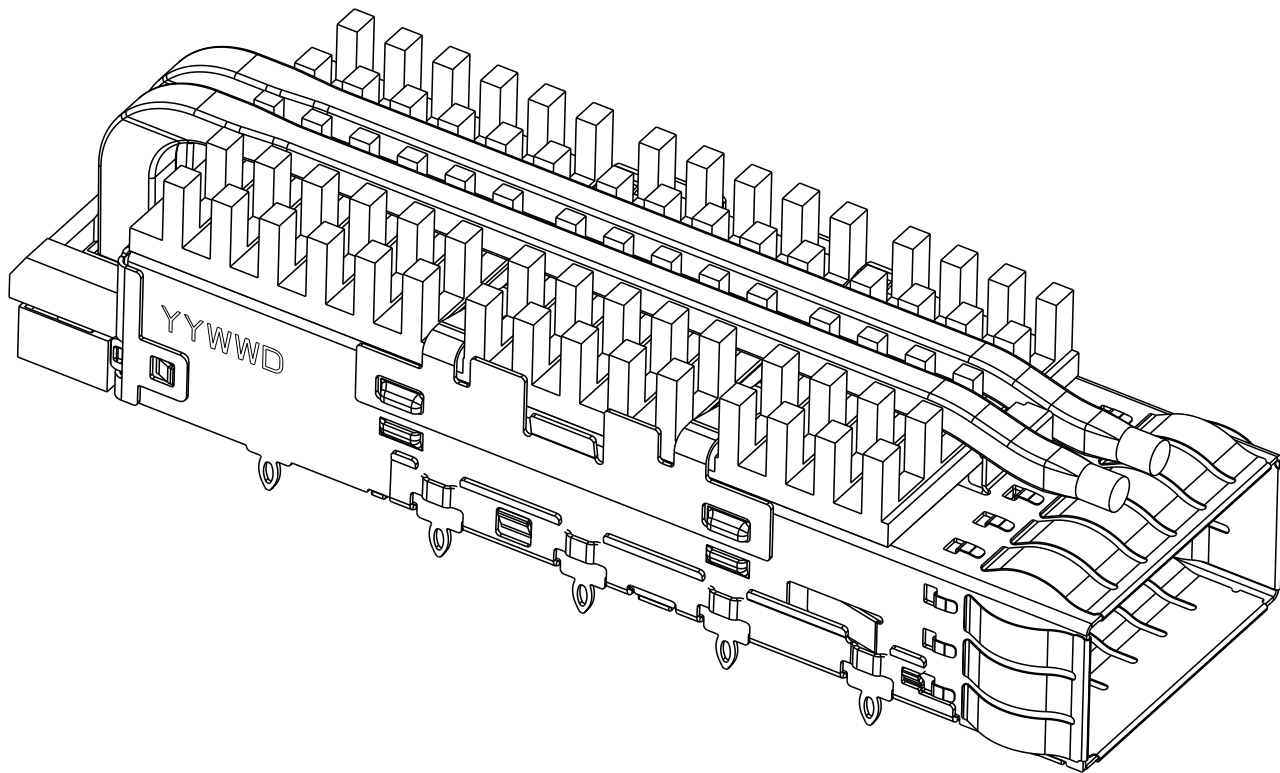


0 REAR LEG
SCALE 4:1

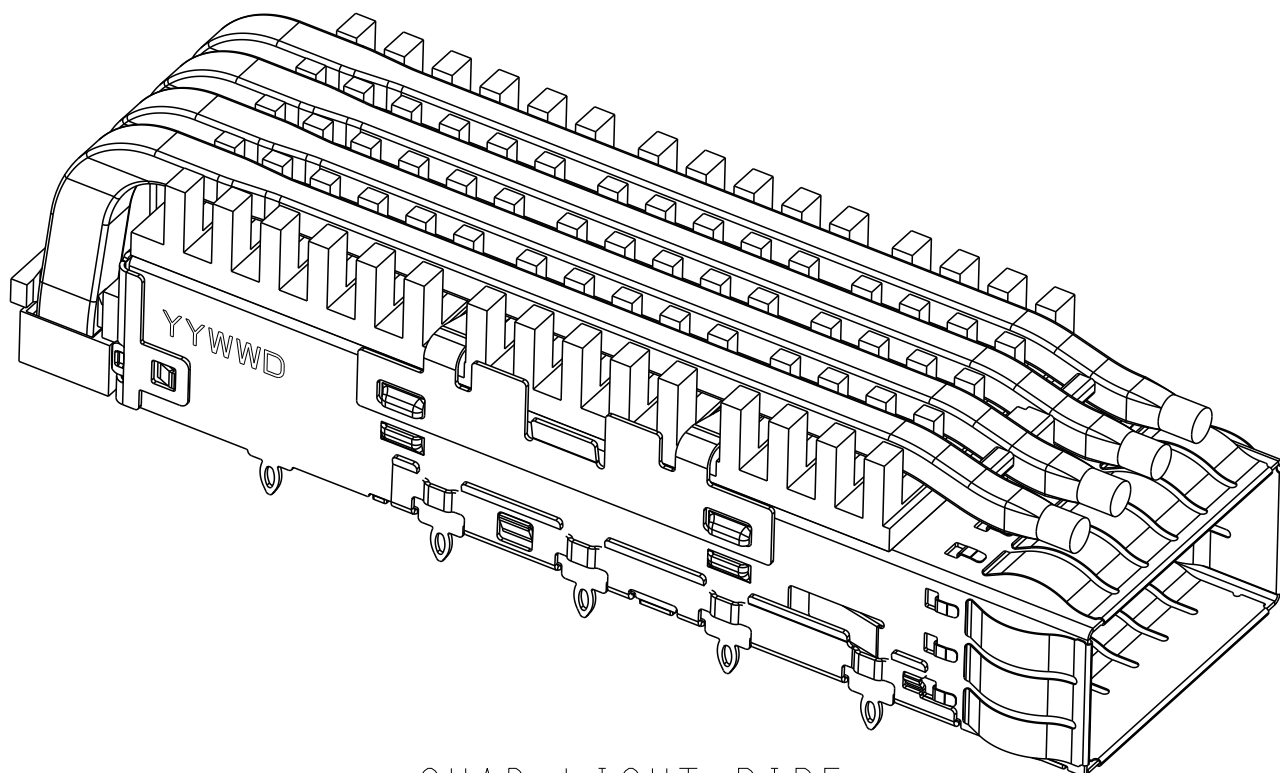
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
WITHOUT ORGANIZER
SCALE 5:2



DUAL LIGHT PIPE
SCALE 5:2

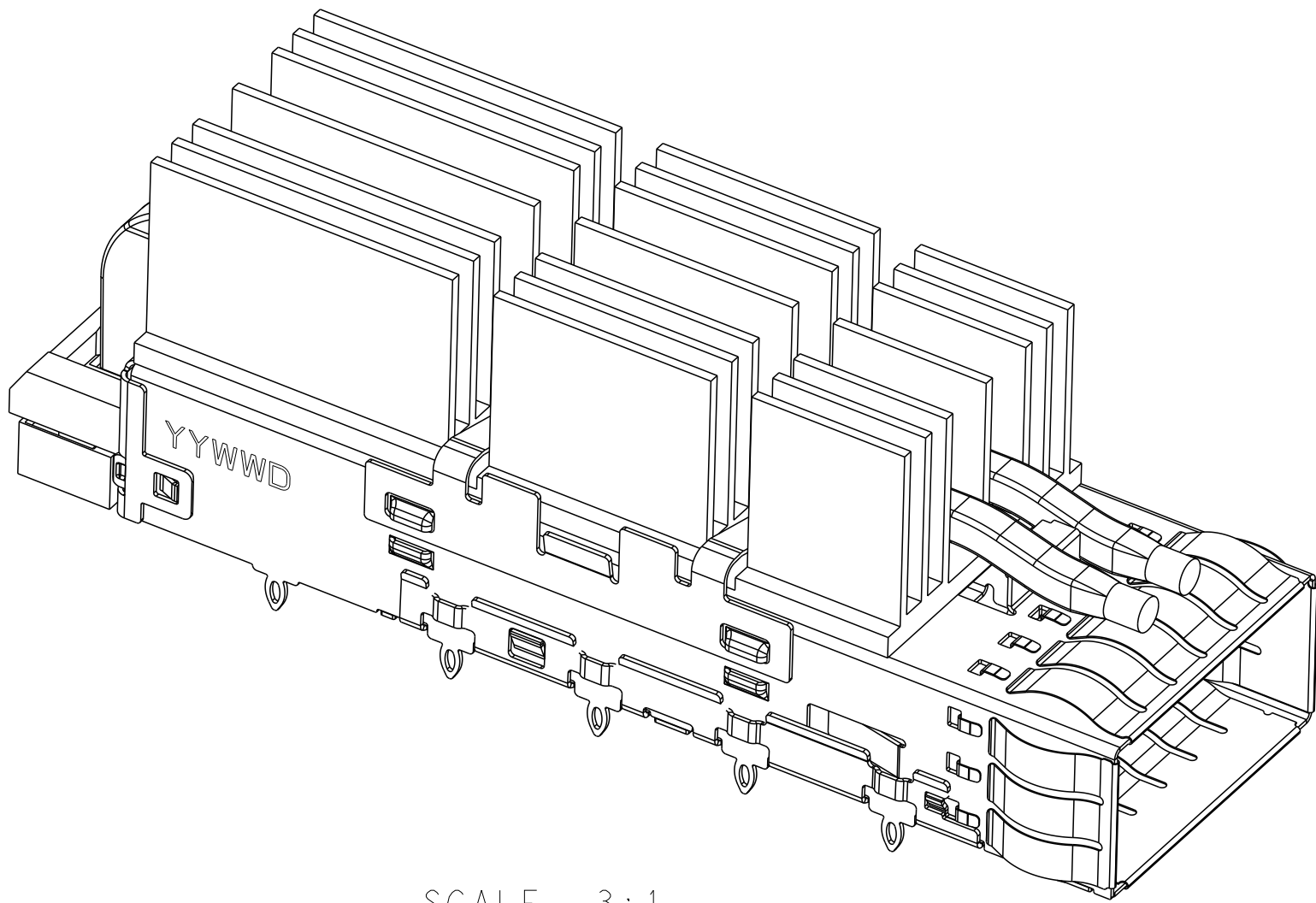


QUAD LIGHT PIPE
SCALE 5:2

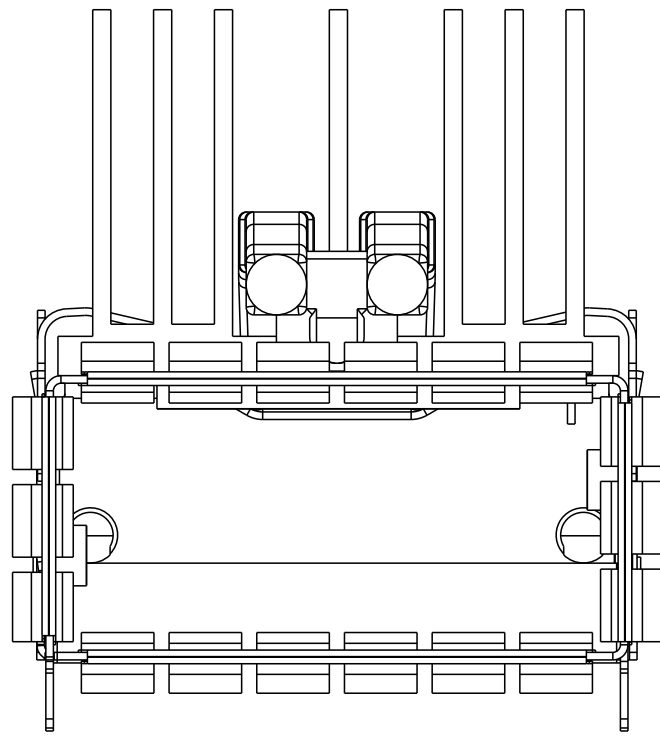
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	 TE Connectivity	
		CHK: SEAN HAN 26JAN2016		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
mm		0 PLC ±0.25		
		1 PLC ±0.25		
		2 PLC ±0.20		
		3 PLC ±0.100		
		4 PLC ±		
		ANGLES		
FINISH		114-32023		
MATERIAL:		WEIGHT:		RESTRICTED TO:
-		-		-
		CUSTOMER DRAWING		
		SCALE 2:1		SHEET 2 OF 9
				REV D1

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

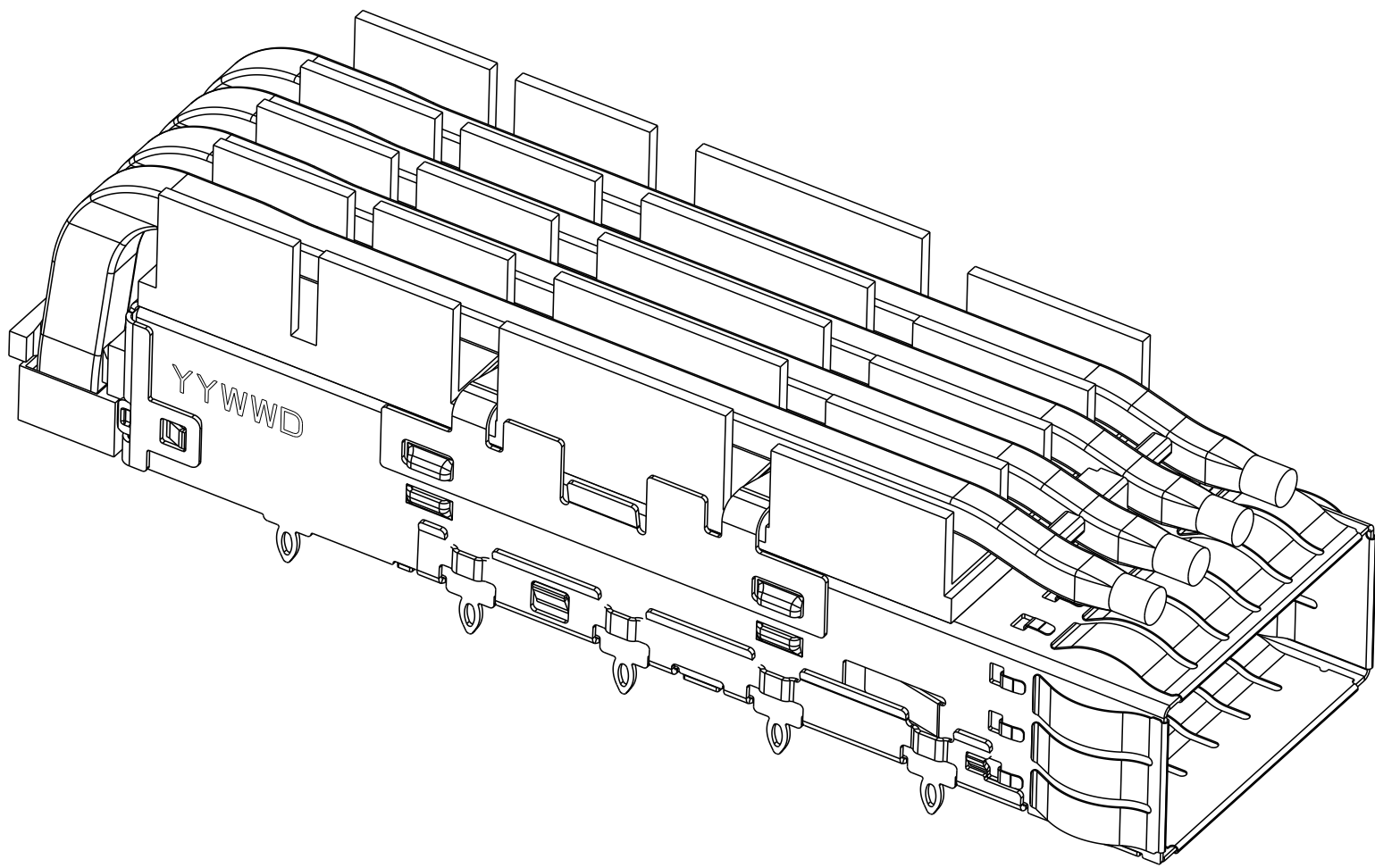
3-2170705-0
UNMARKED DIMENSIONS SAME AS 2-2170705-6



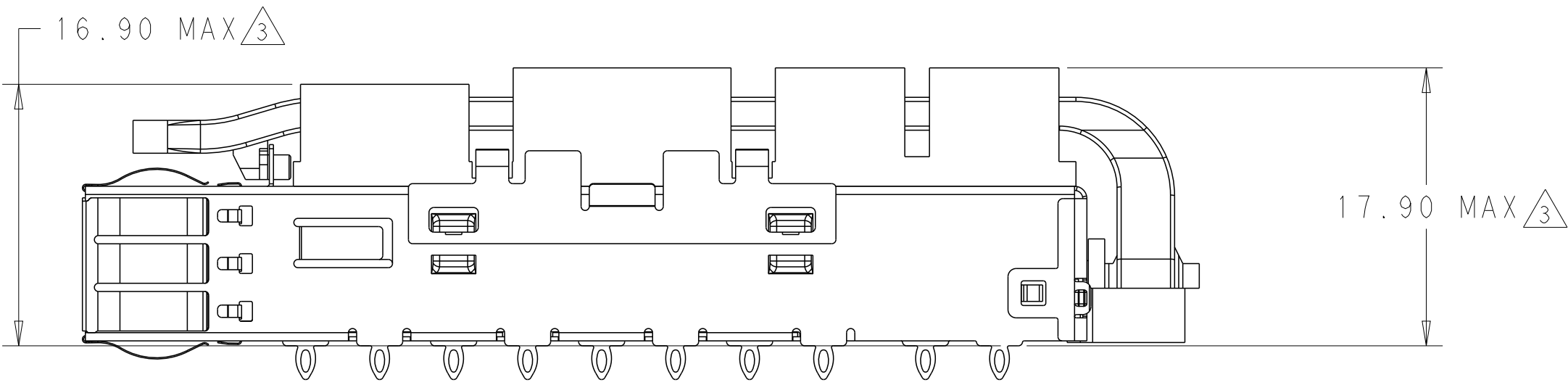
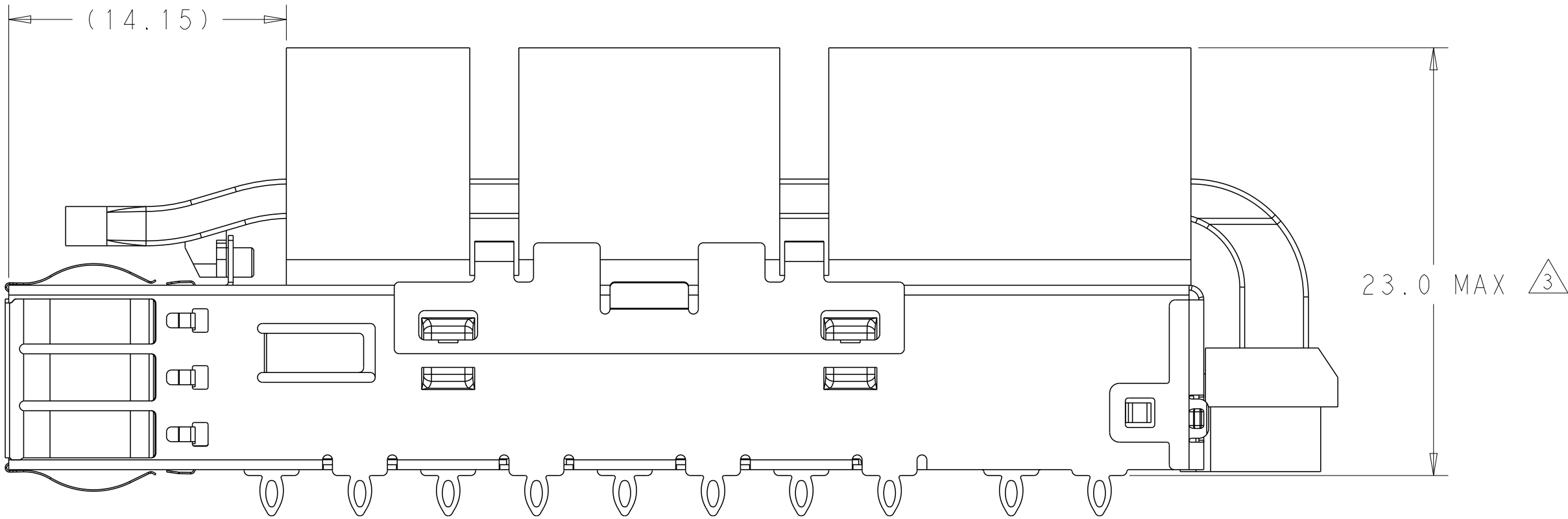
SCALE 3:1



1-2170705-2
3D VIEW AS SHOWN



SCALE 3:1

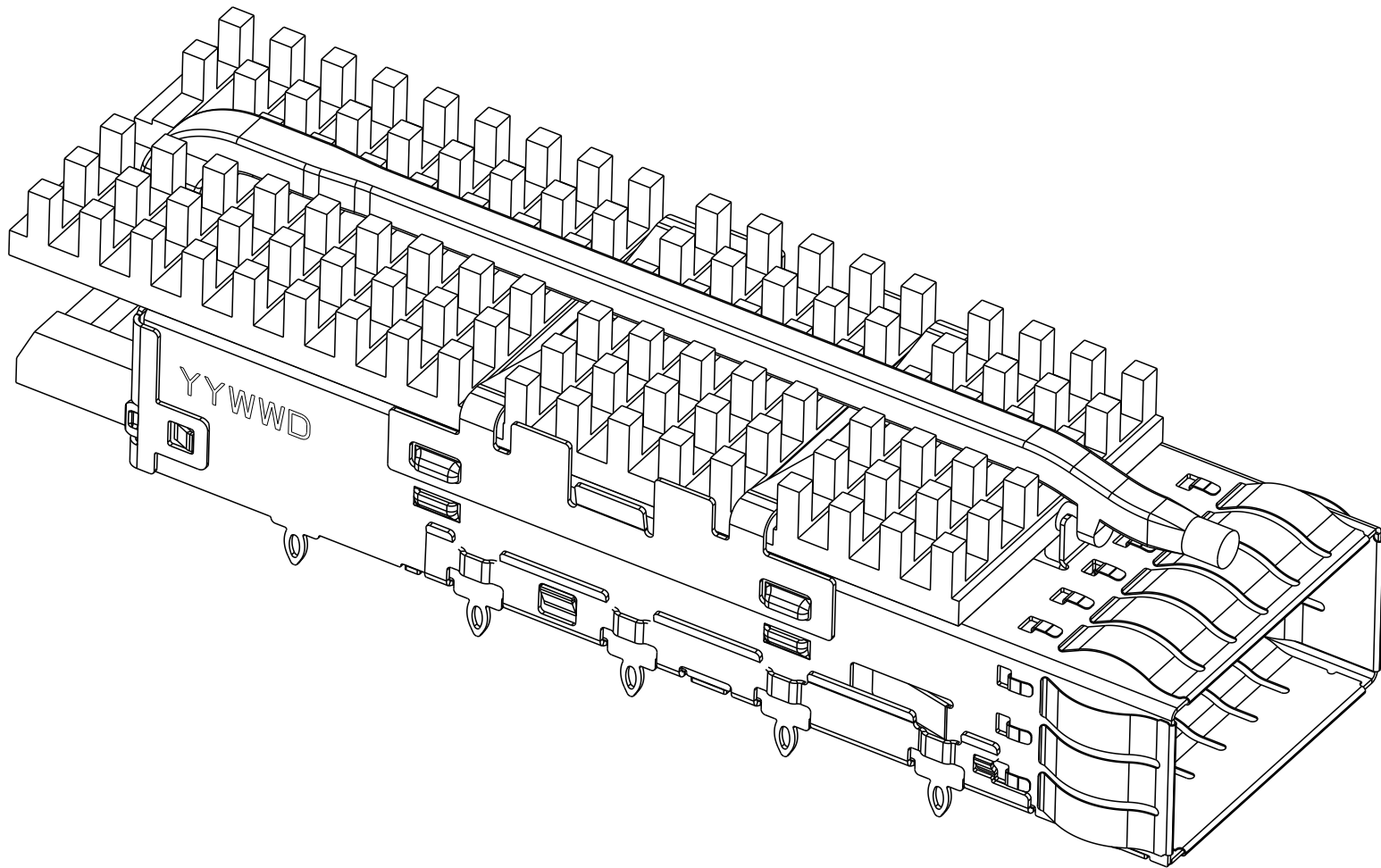


SCALE 3:1

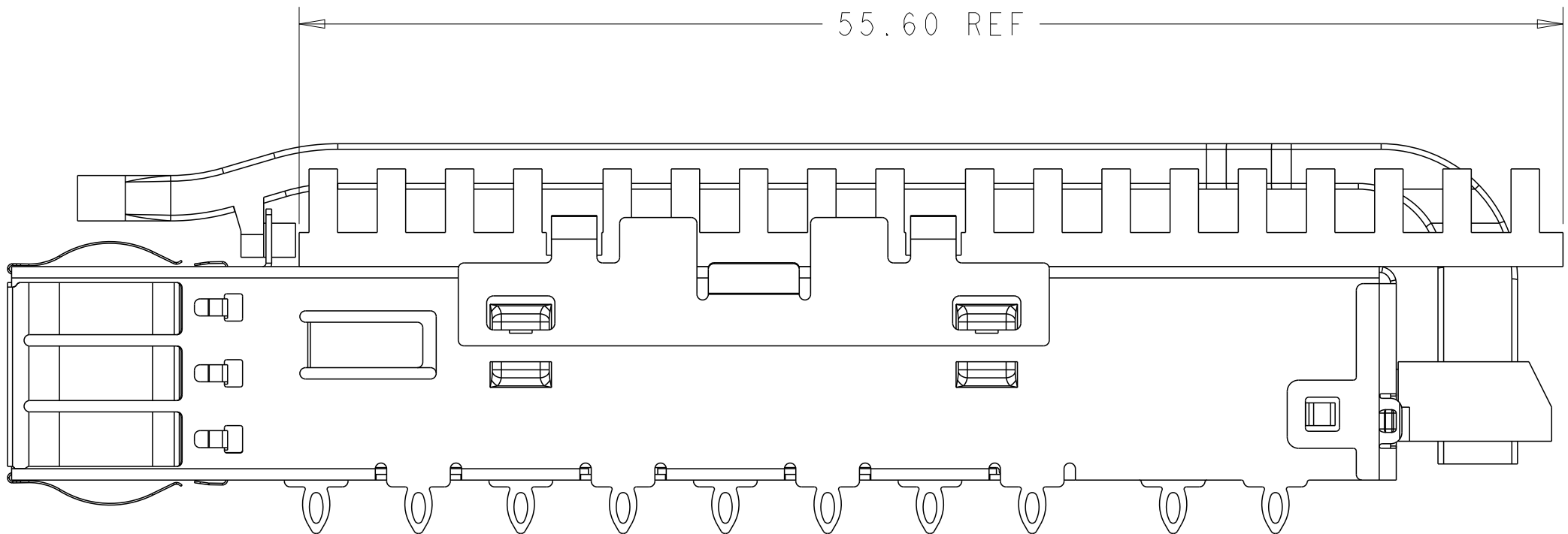
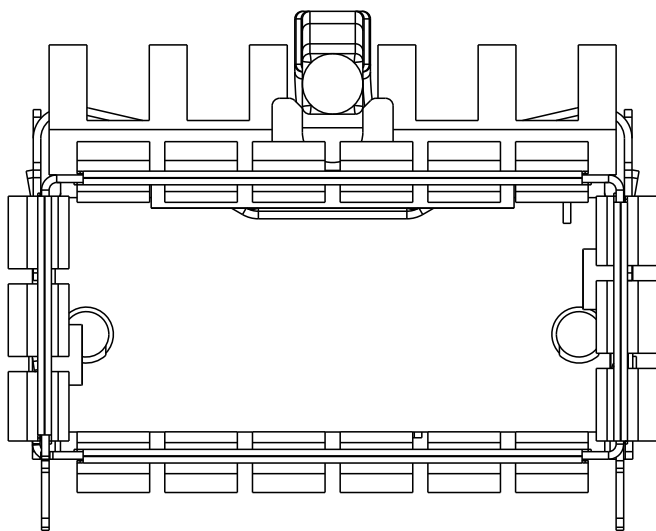
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	 TE Connectivity		NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
		CHK: SEAN HAN 26JAN2016				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
mm		0 PLC ±0.25		108-19428		
		1 PLC ±0.25		APPLICATION SPEC		
		2 PLC ±0.20		114-32023		
		3 PLC ±0.100		WEIGHT		
MATERIAL		ANGLES ±°		A100779C=2170705		
		FINISH		CUSTOMER DRAWING		
				SCALE 2:1	SHEET 3 OF 9	
				REV D1		

LOC		DIST		REVISIONS			
P	L	T	R	DESCRIPTION	DATE	DWN	APVD

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



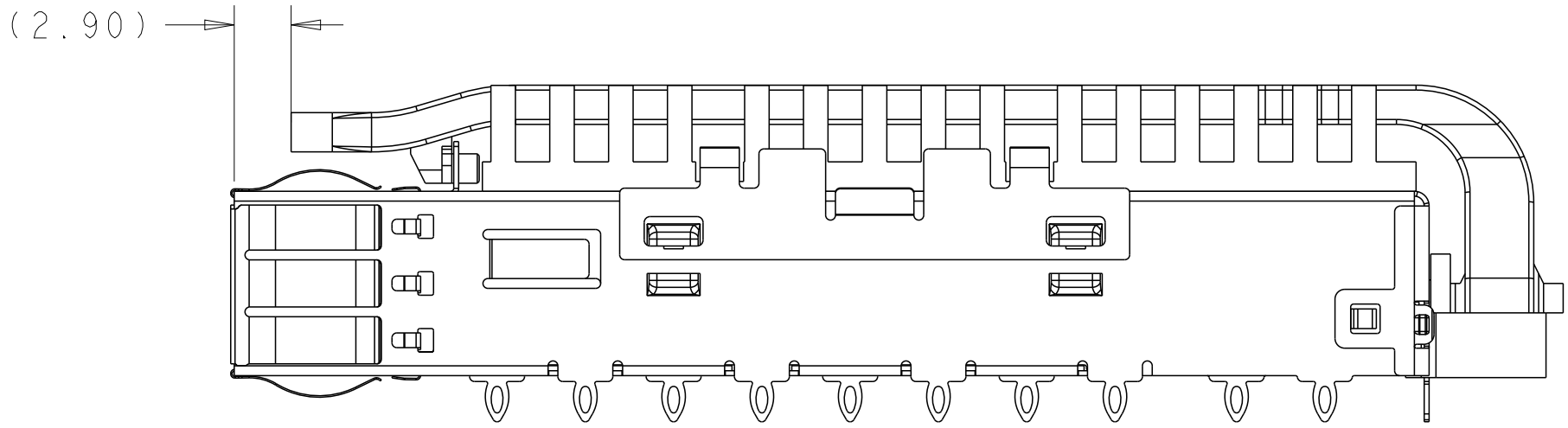
SCALE 3:1



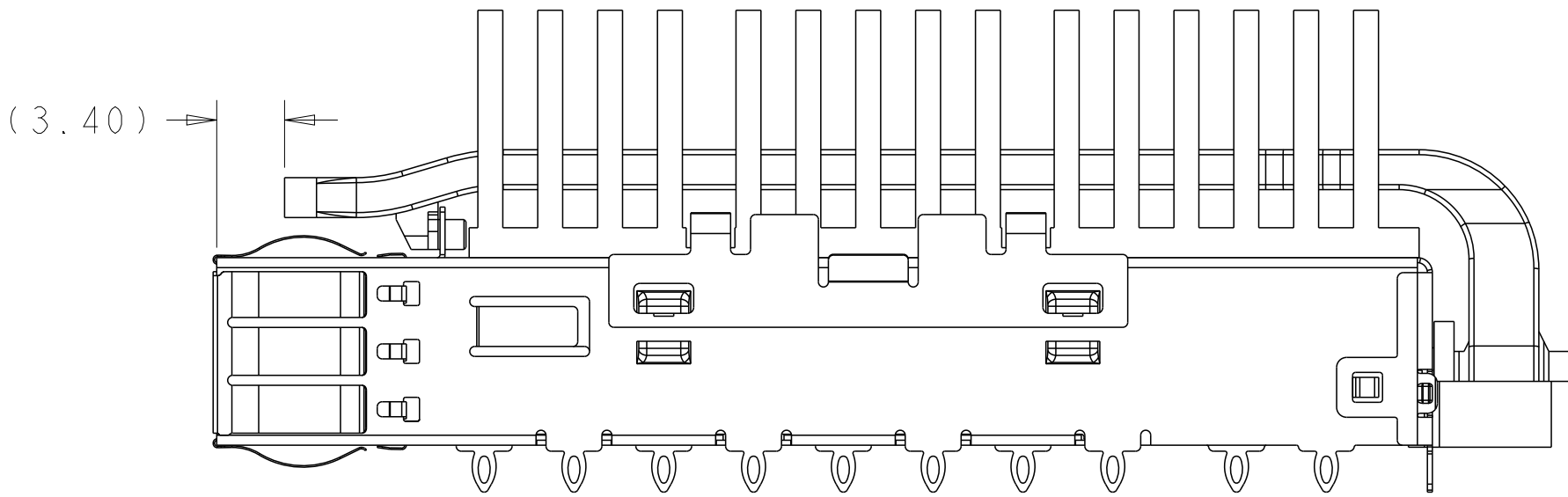
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG CHK SEAN HAN	07MAR2014 26JAN2016	 TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±0.100 4 PLC ± ANGLES ± FINISH -		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023	

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

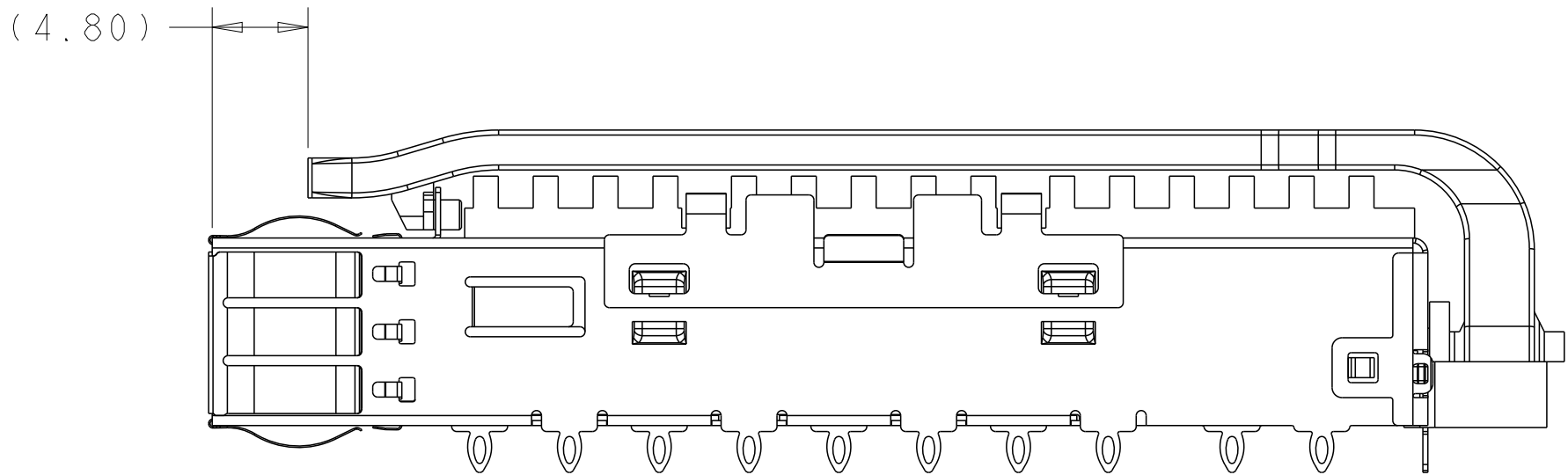
LIGHT PIPE LENGTH OPTIONS



WITH LIGHT PIPE LENGTH B=2.9
SCALE 3:1



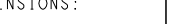
WITH LIGHT PIPE LENGTH B=3.4
SCALE 3:1



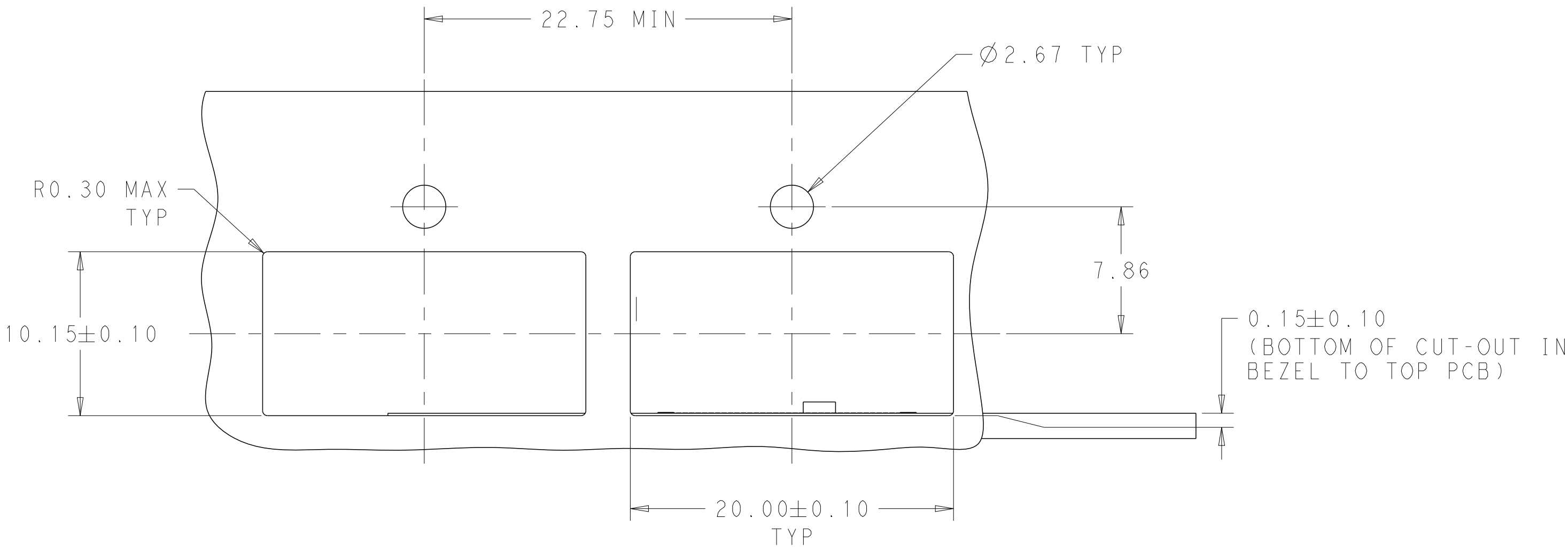
WITH LIGHT PIPE LENGTH B=4.8
SCALE 3:1

BOM

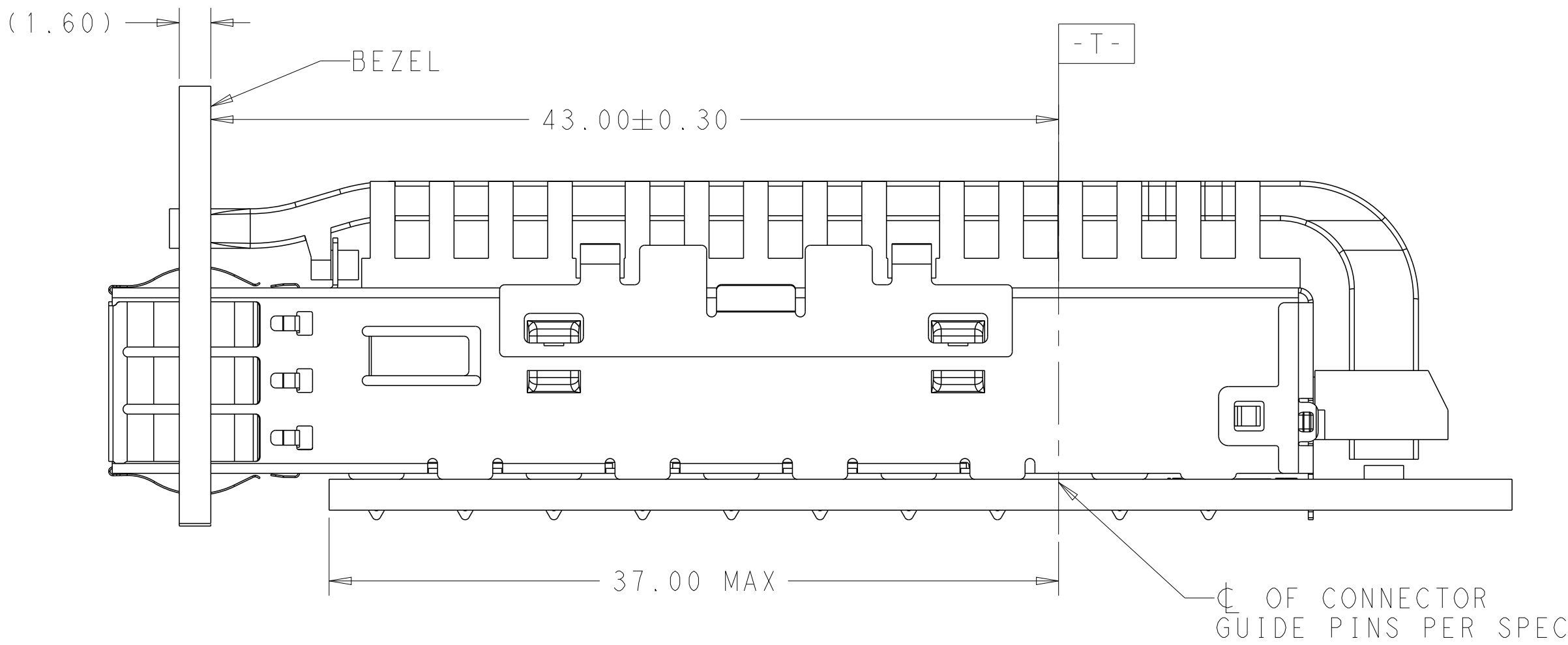
4.8	0	16.00	PIN	SAN	DUAL LP	6-2170705-3
5.2	1	16.00	PIN	SAN	DUAL LP	6-2170705-2
4.8	2	13.7	PIN	PCI	QUAD LP	6-2170705-1
3.4	1	23.0	PIN	NETWORKING	QUAD LP	5-2170705-9
2.9	1	16.0	PIN	SAN	COATED QUAD LP	5-2170705-8
	1	13.7	PIN	PCI	COATED QUAD LP	5-2170705-7
	0	31.6	PIN	CUSTOMIZED	QUAD LP	5-2170705-1
	1	23.0	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		CAGE ASSEMBLY, QSPF28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
		1 PLC ±0.25		
		2 PLC ±0.20		
		3 PLC ±0.100		
		4 PLC ±		
MATERIAL		ANGLES FINISH		
-		-		SIZE
		114-32023		CAGE CODE
		WEIGHT		DRAWING NO
		CUSTOMER DRAWING		RESTRICTED TO
				A100779C=2170705
				SCALE 2:1
				SHEET 5 OF 9
				REV D

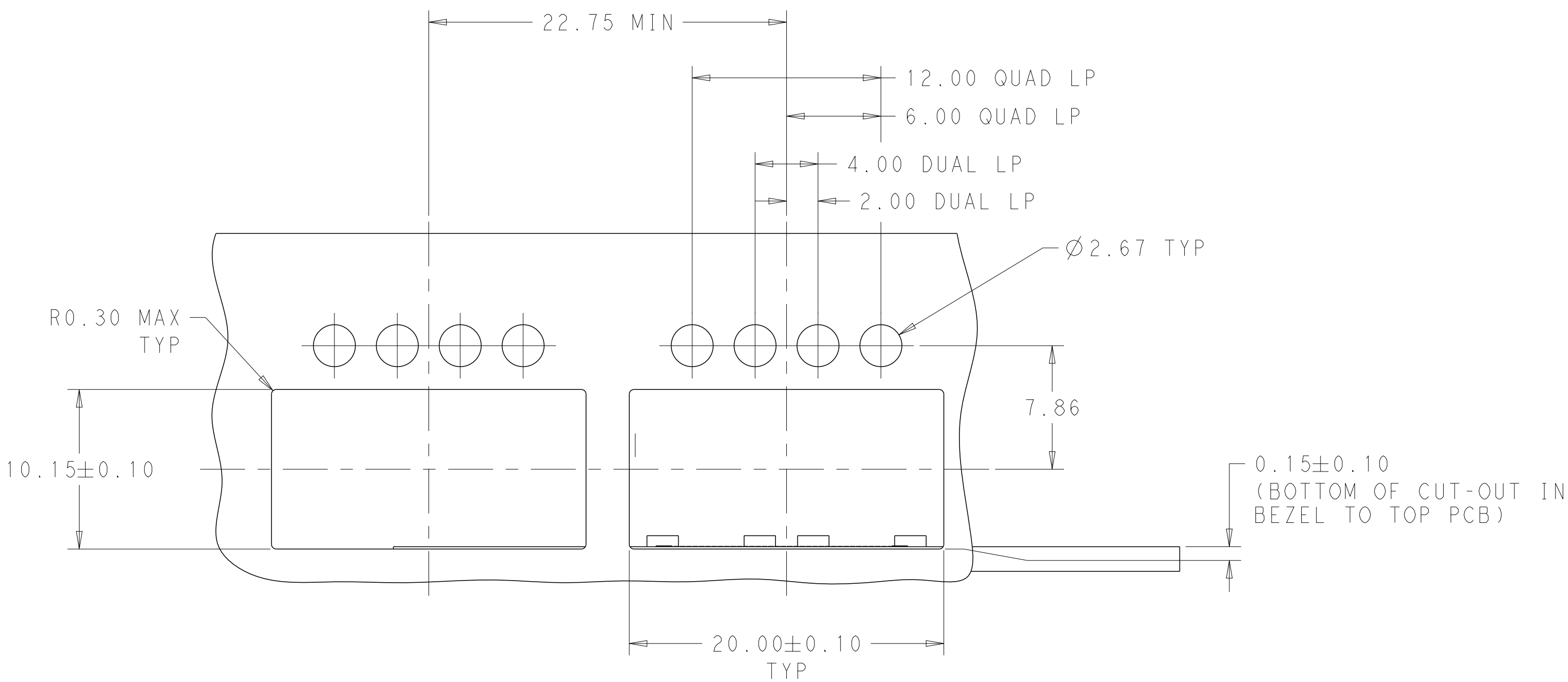
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



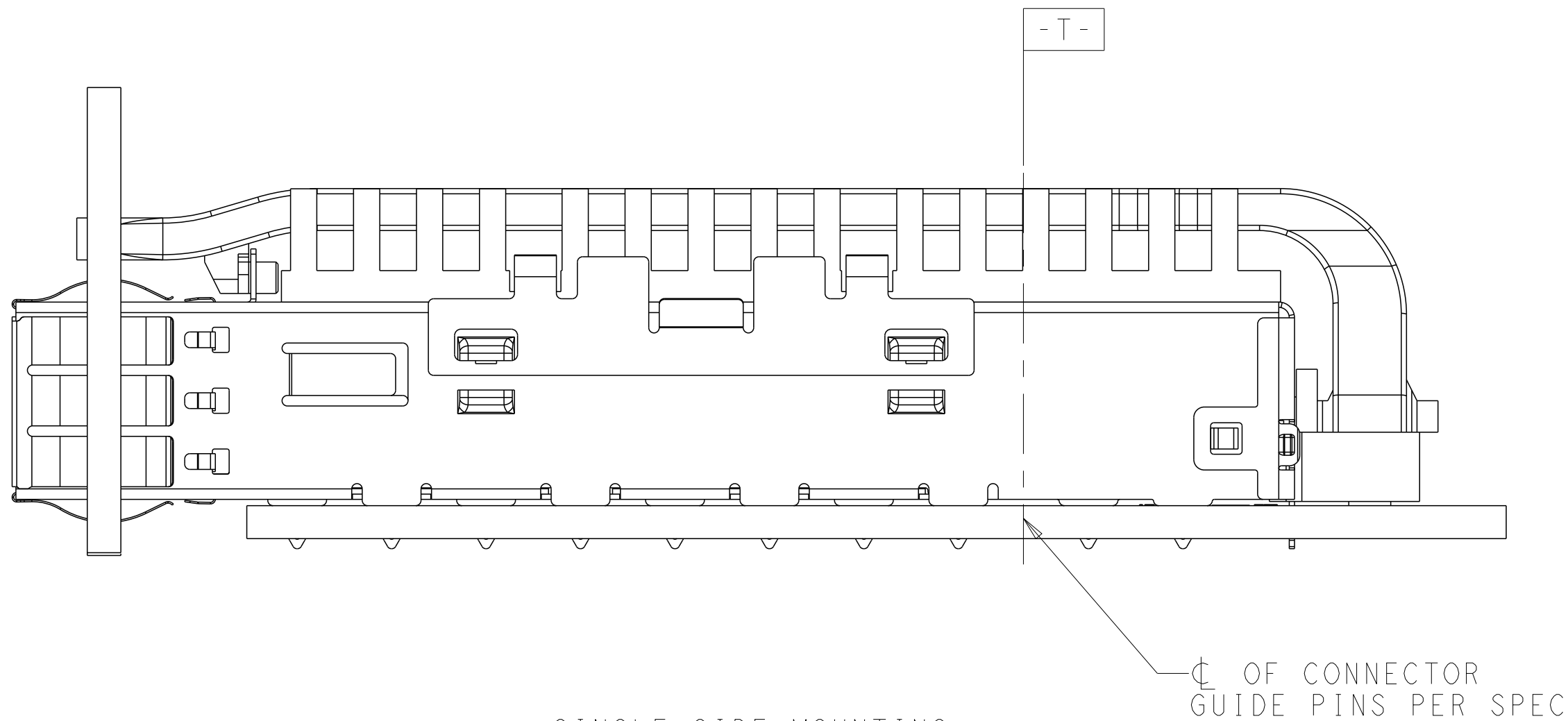
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1

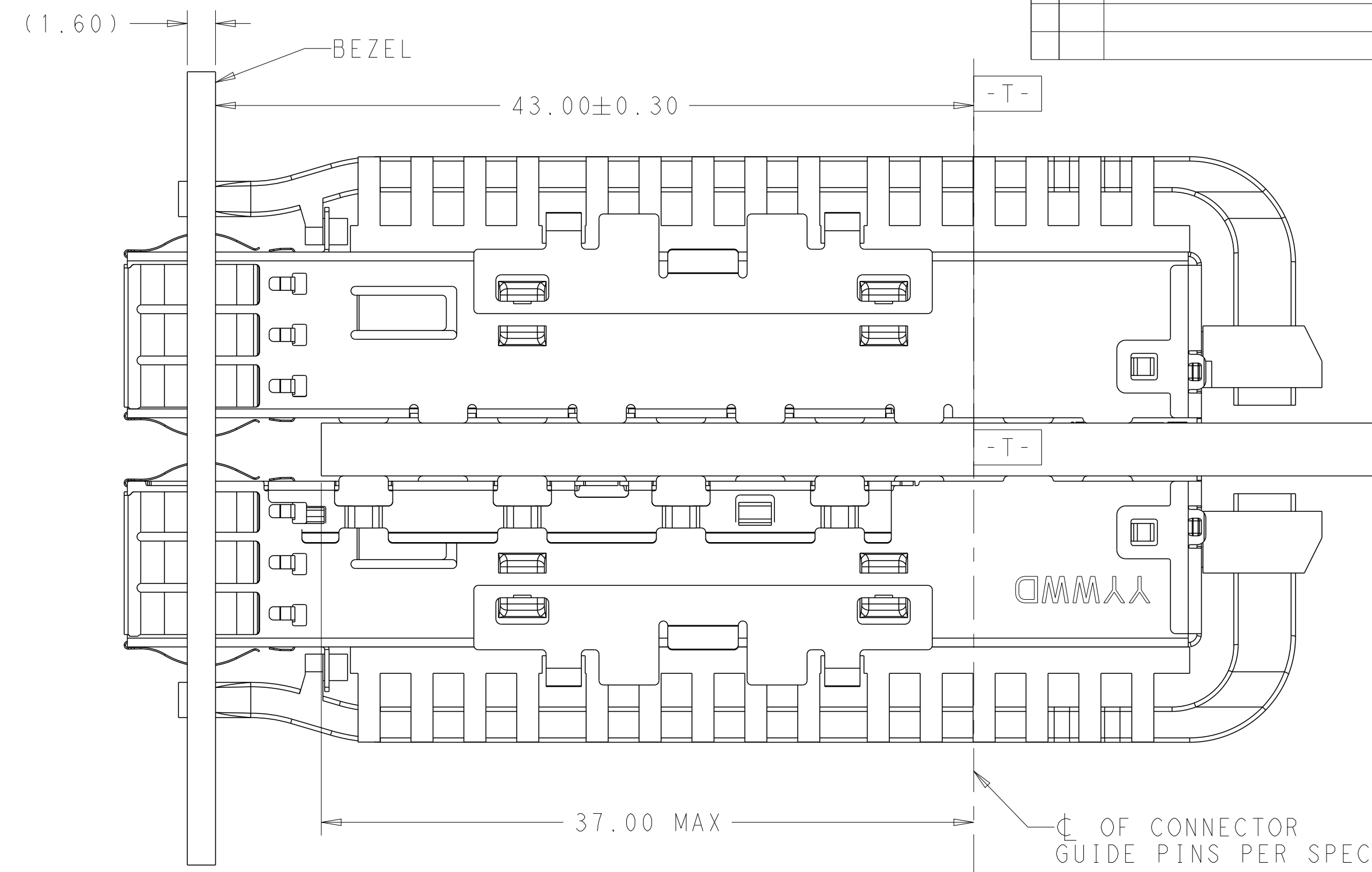


DUAL/QUAD LIGHT PIPE TYPE

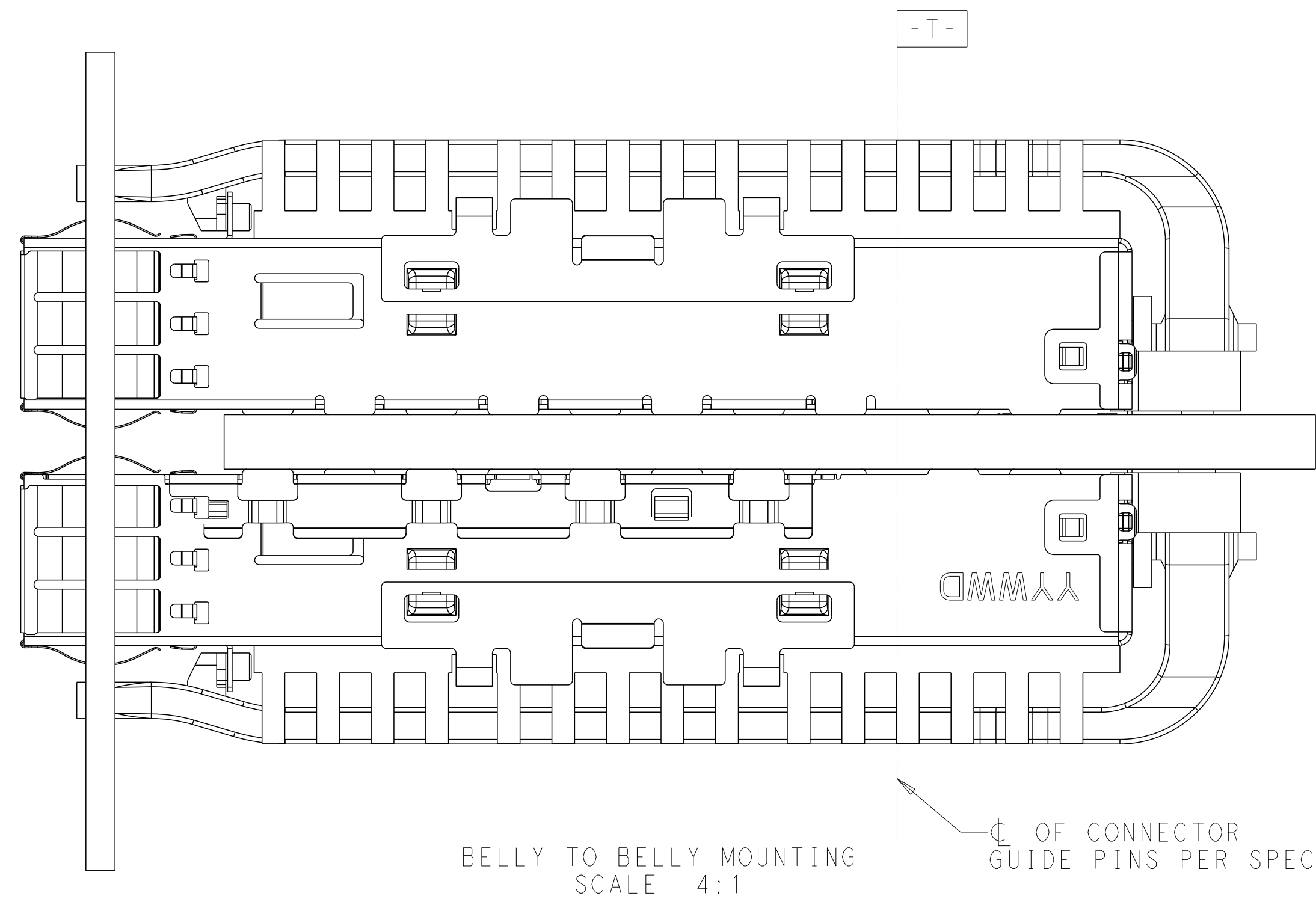


SINGLE SIDE MOUNTING
SCALE 4:1

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
		108-19428	WITH EMI SPRING FINGER
		APPLICATION SPEC	HEAT SINK, LIGHT PIPE
		114-32023	SIZE CAGE CODE DRAWING NO
		WEIGHT	A100779C=2170705
MATERIAL		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 2:1	SHEET 6 OF 9
		REV D1	

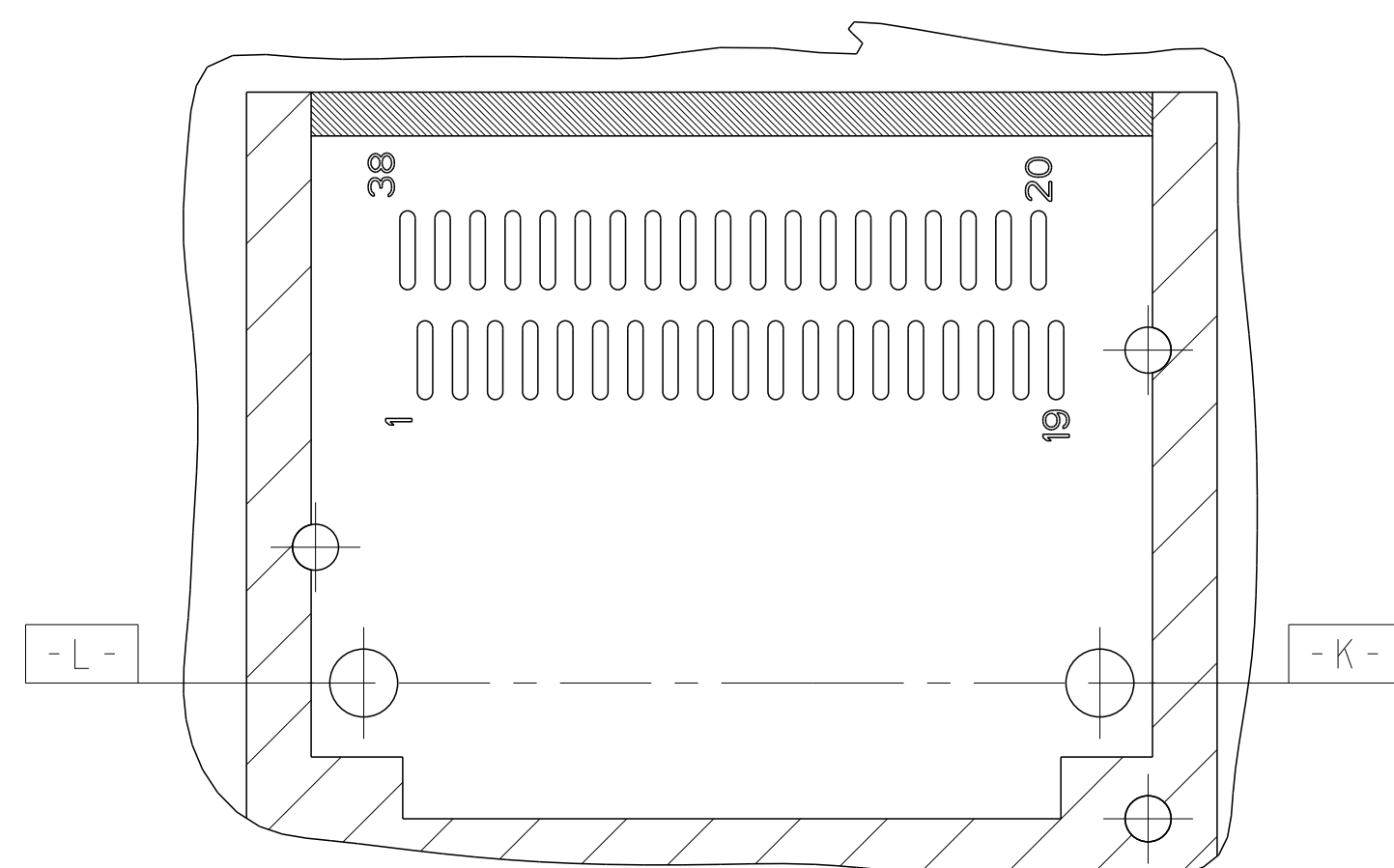


BELLY TO BELLY MOUNTING
SCALE 4:1



BELLY TO BELLY MOUNTING
SCALE 4:1

4805 (3/11)



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

4805 (3/11)

