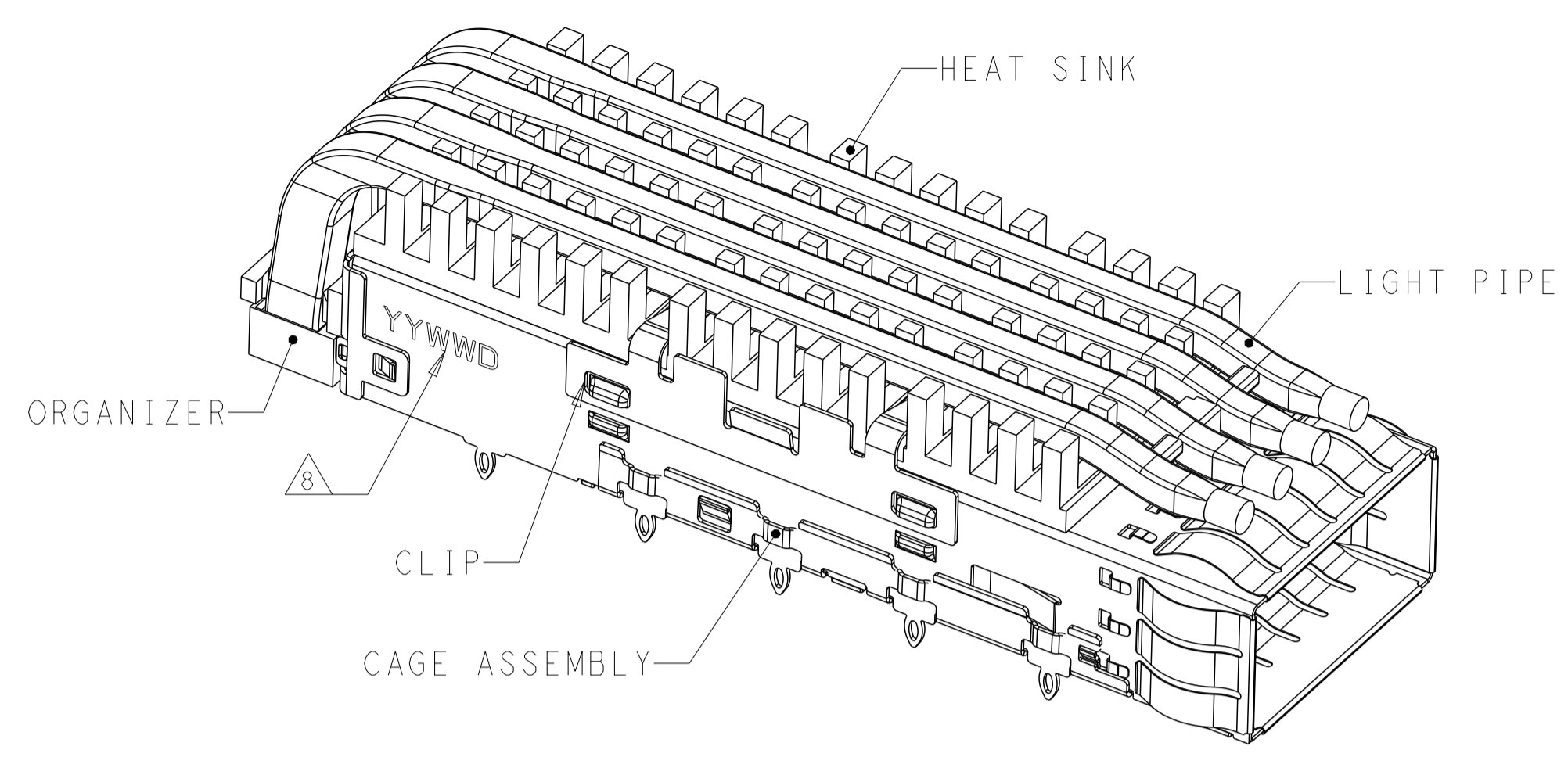
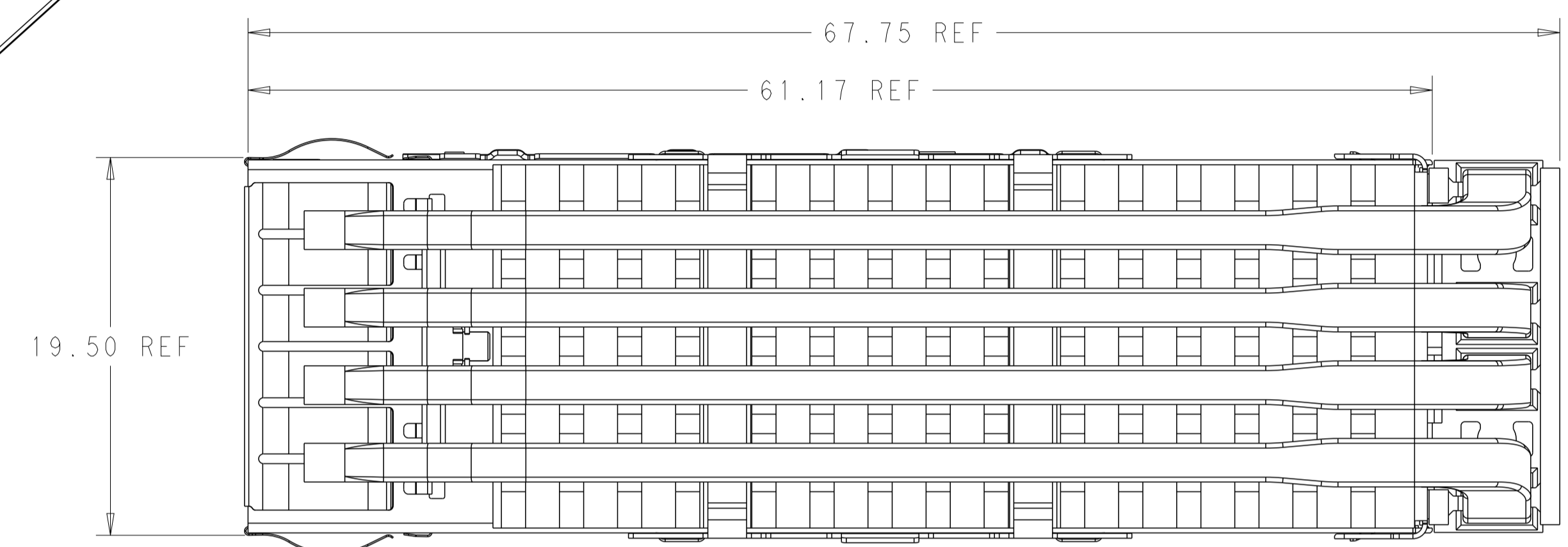


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
D5		REDUCE THE LP HEIGHT OF 6-4	18OCT2023	RY	SZ		
D6		REVISED PER ECN-23-241067	26OCT2023	RY	SZ		
D7		REVISED PER ECN-25-334670	25JUL2025	NS	SZ		
D8		REVISED PER ECN-26-377844	05FEB2026	BM	RS		

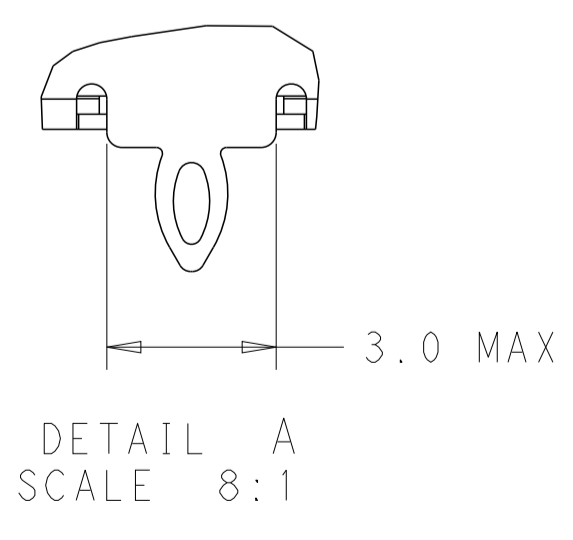
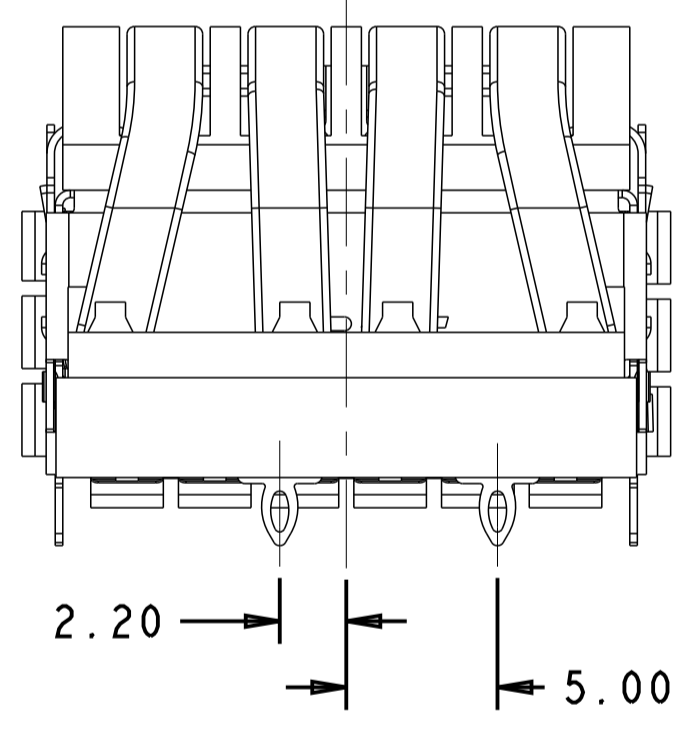
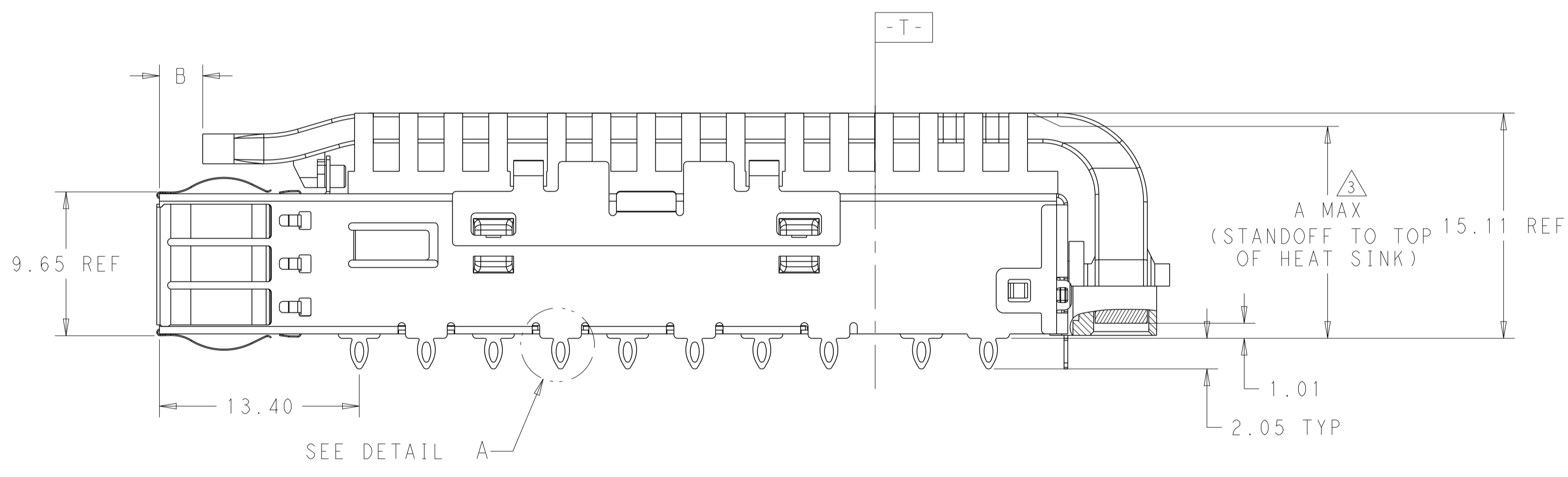
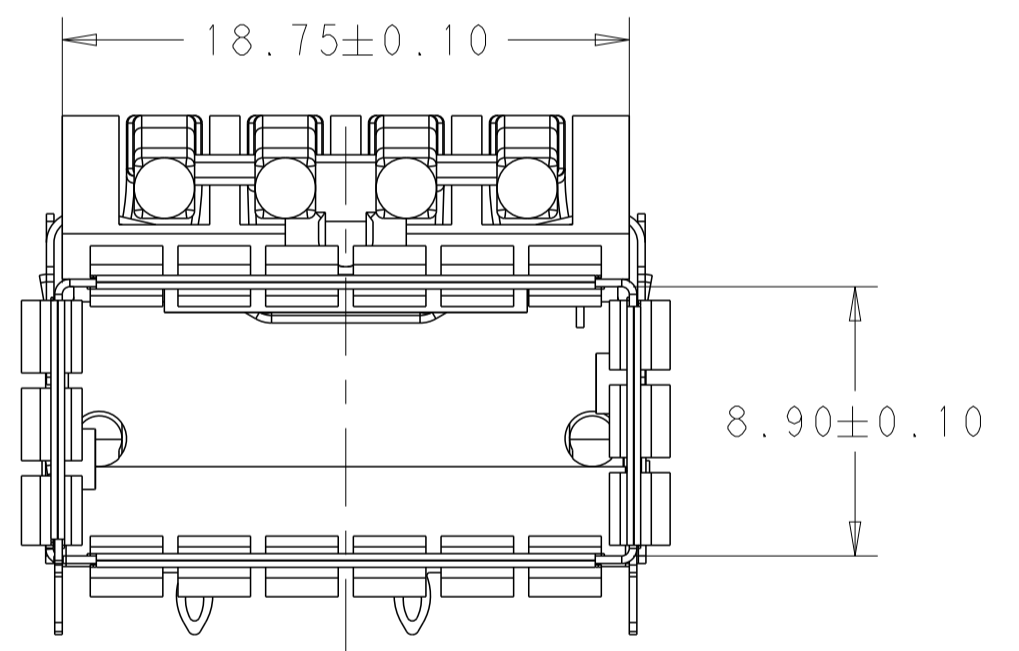


4-2170705-2 SHOWN  
SCALE 3:1

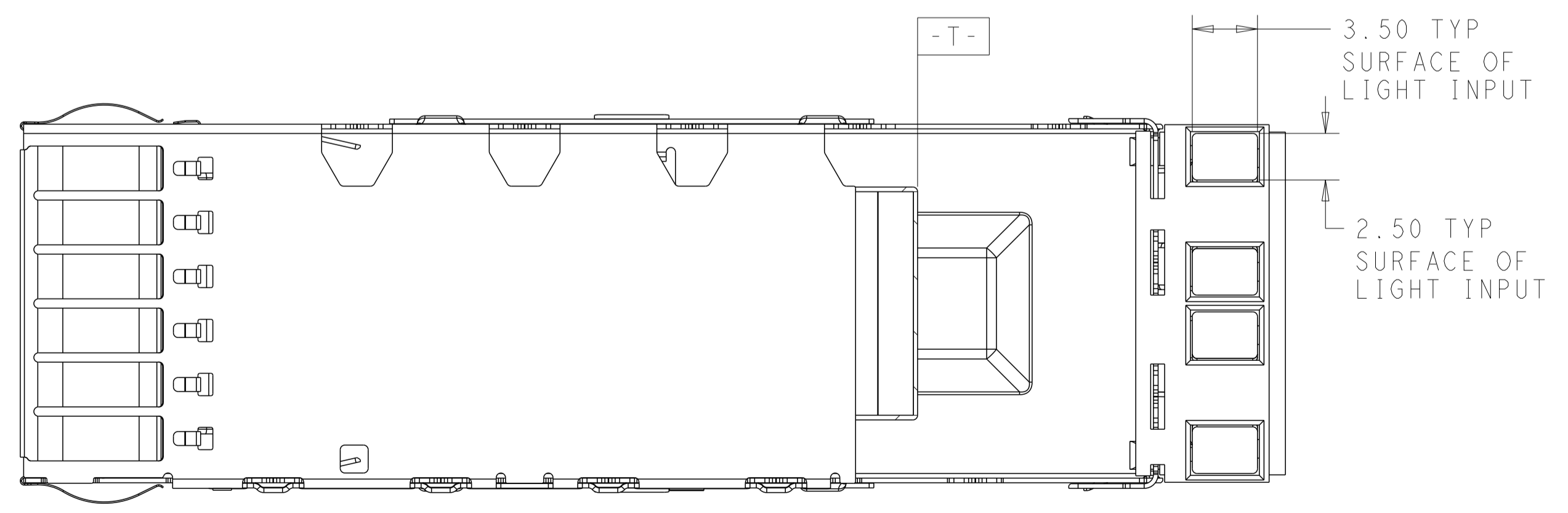


- MATERIAL: CAGE MATERIAL : 0.25 THICK NICKEL SILVER.  
 SPRING MATERIAL: COPPER ALLOY  
 HEAT SINK MATERIAL: ALUMINUM  
 CLIP MATERIAL: STAINLESS STEEL  
 LIGHT PIPE MATERIAL: POLYCARBONATE  
 ORGANIZER MATERIAL: POLYESTER
- FINISH: SPRING: NICKEL PLATING  
 HEAT SINK: BLACK ANODIZE

- ⚠ DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE TO TOP OF HEAT SINK.
- ⚠ REFERENCE APPLICATION SPEC 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- ⚠ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMERS.
- 6. MINIMUM PC BOARD THICKNESS : SINGLES SIDED: 1.57 MIN  
 DOUBLE SIDED: 2.20 MIN
- ⚠ DATUM [-A-] IS TOP SURFACE OF THE HOST BOARD.
- ⚠ DATE CODE (YYWW) MARKED APPROXIMATELY AS SHOWN
- ⚠ THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- 10. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- ⚠ PRELIMINARY PART - NOT RELEASE TO PRODUCTION.



DETAIL A  
SCALE 8:1

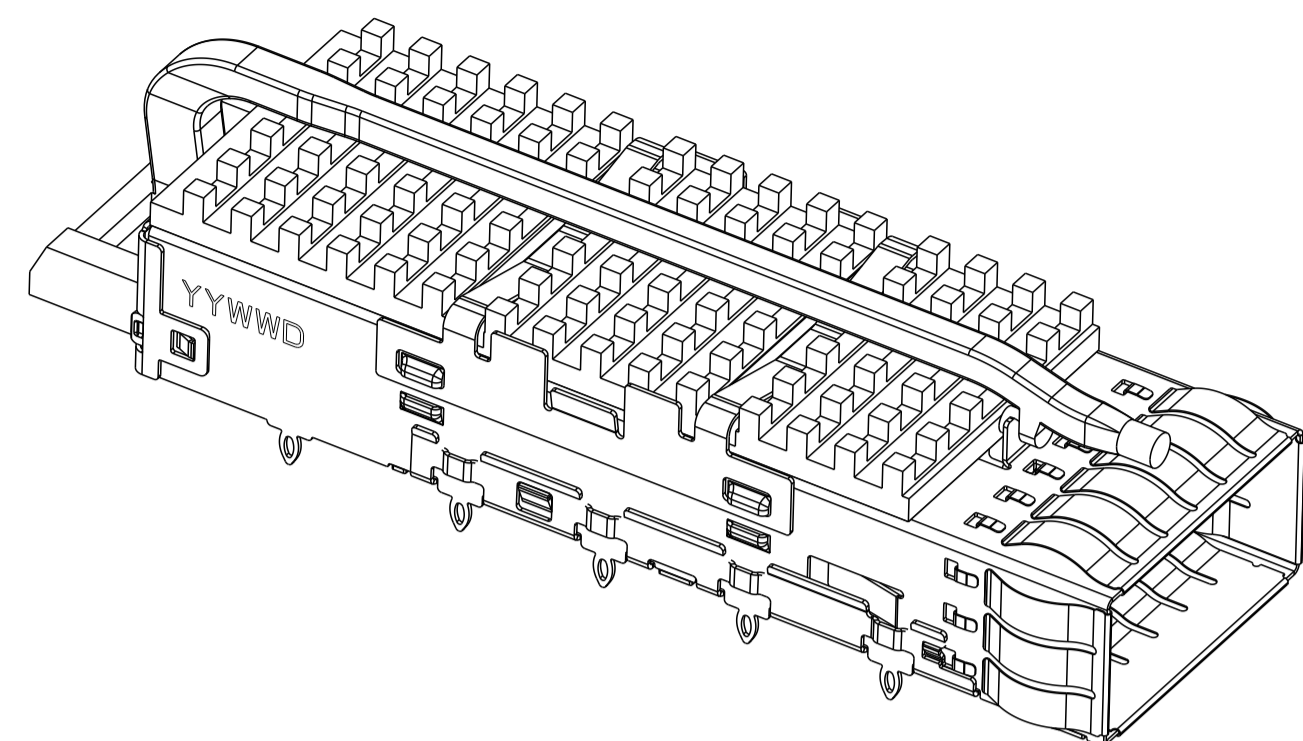


4-2170705-2 AS SHOWN

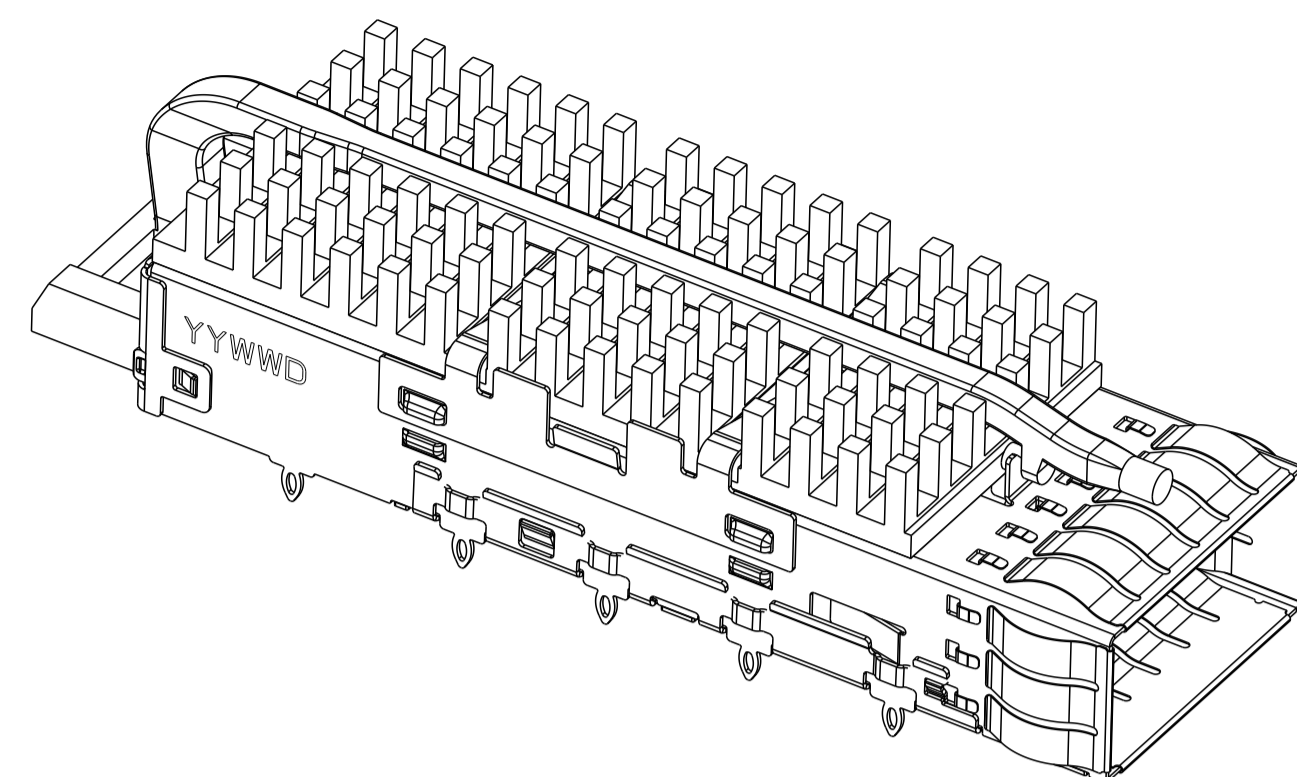
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	TE Connectivity
		CHK: SEAN HAN 26JAN2016	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD:	NAME:
mm	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.100 ANGLES ±°	PRODUCT SPEC: 108-19428	CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
MATERIAL:	FINISH:	APPLICATION SPEC: 114-32023	RESTRICTED TO:
		WEIGHT:	A100779C=2170705
		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 10 REV D8

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

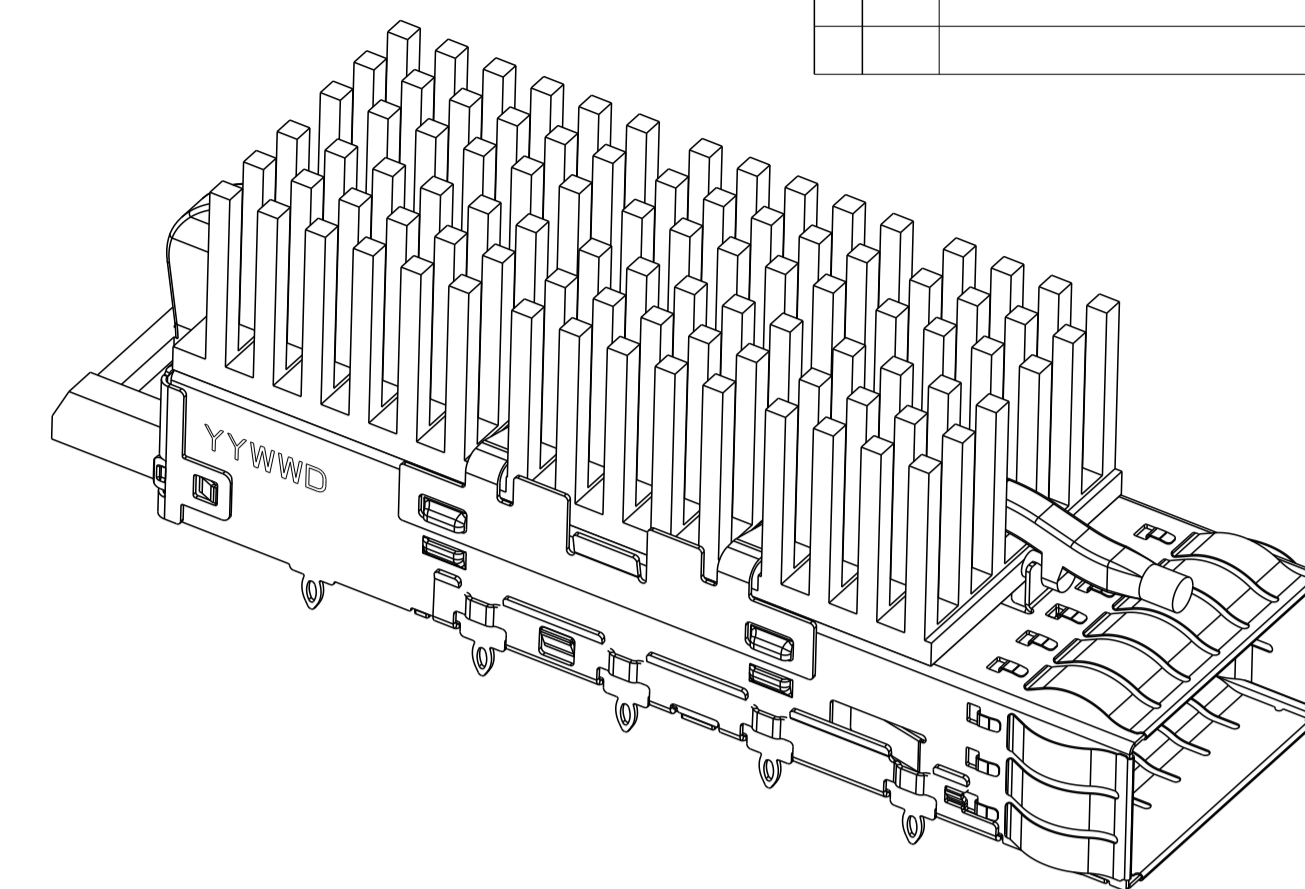
# HEAT SINK OPTIONS



PCI HEAT SINK  
SCALE 5:2

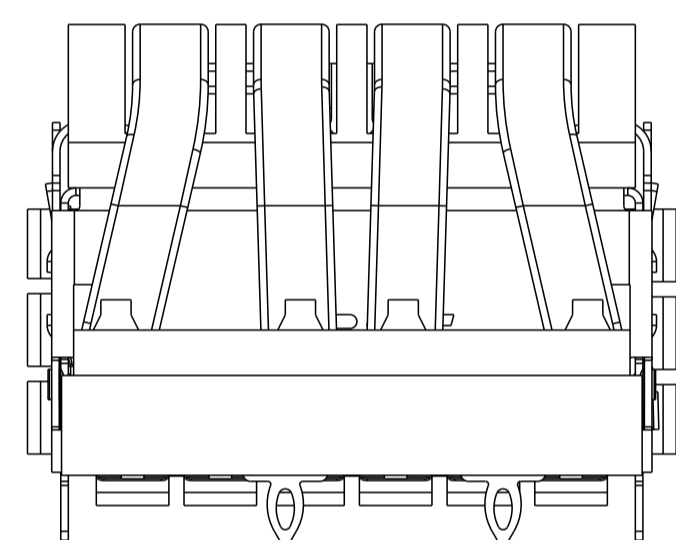


SAN HEAT SINK  
SCALE 5:2

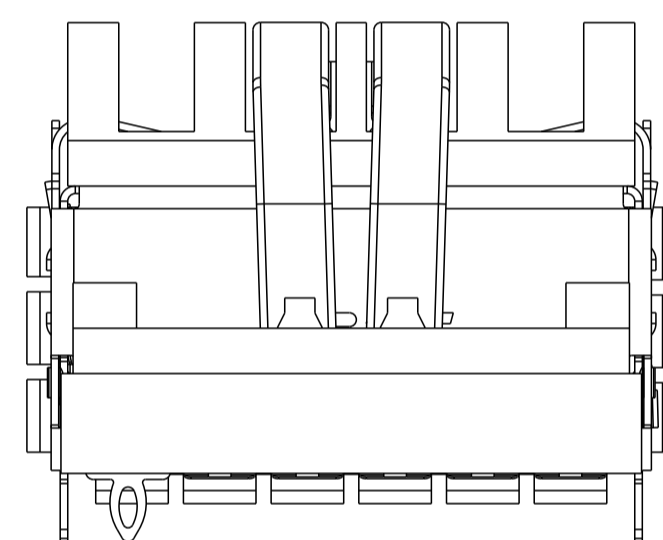


NETWORKING HEAT SINK  
SCALE 5:2

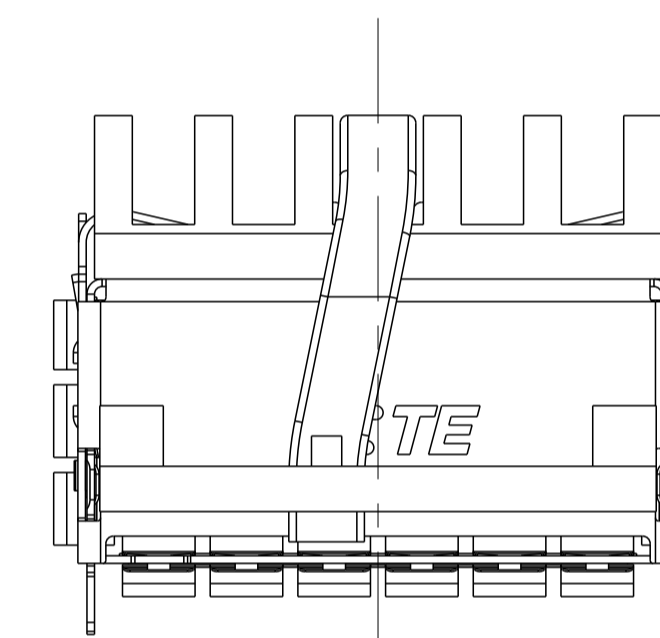
# # OF REAR LEGS OPTIONS



2 REAR LEGS  
SCALE 4:1

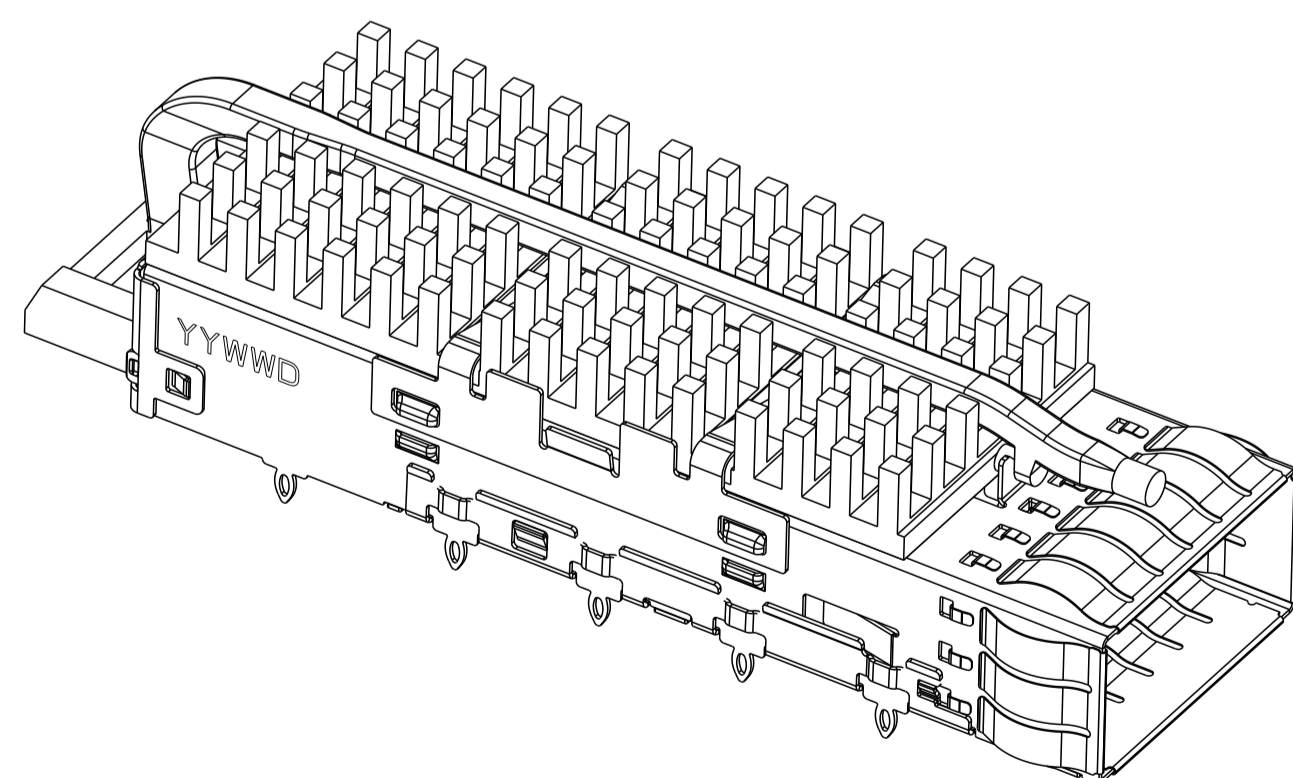


1 REAR LEG  
SCALE 4:1

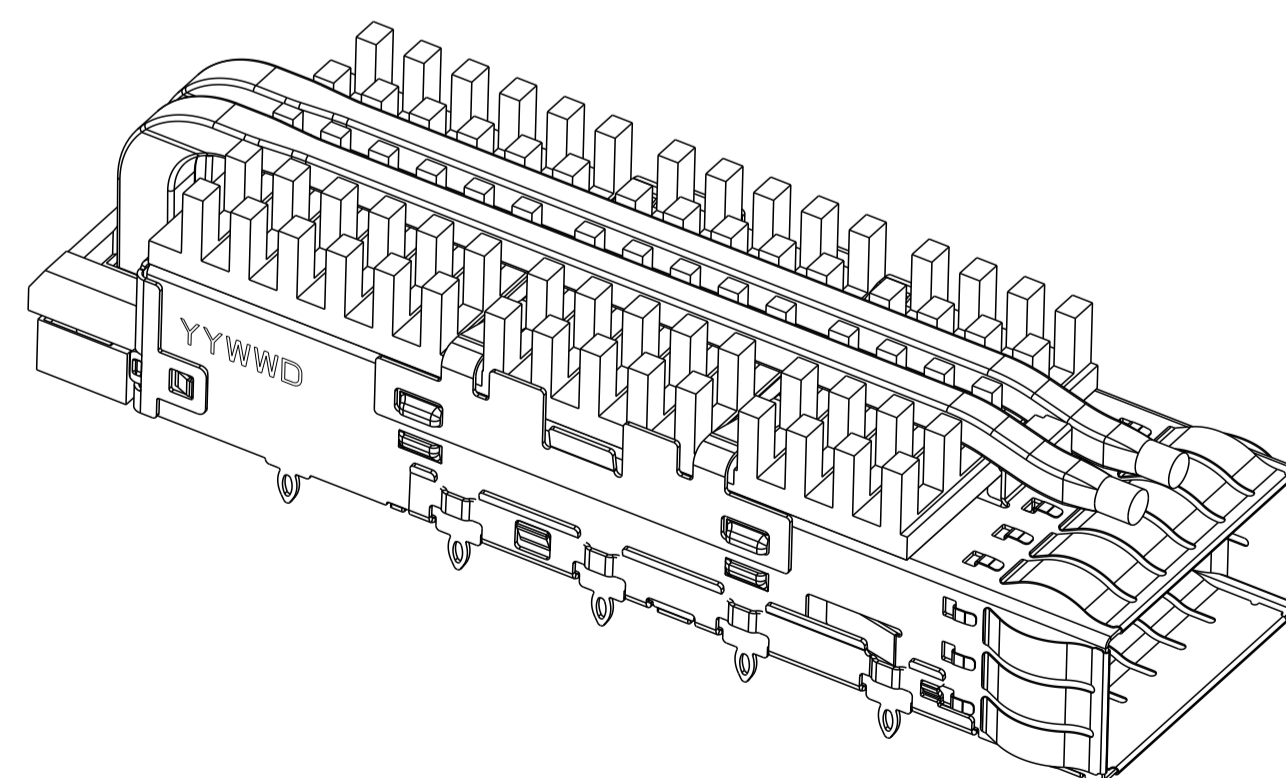


0 REAR LEG  
SCALE 4:1

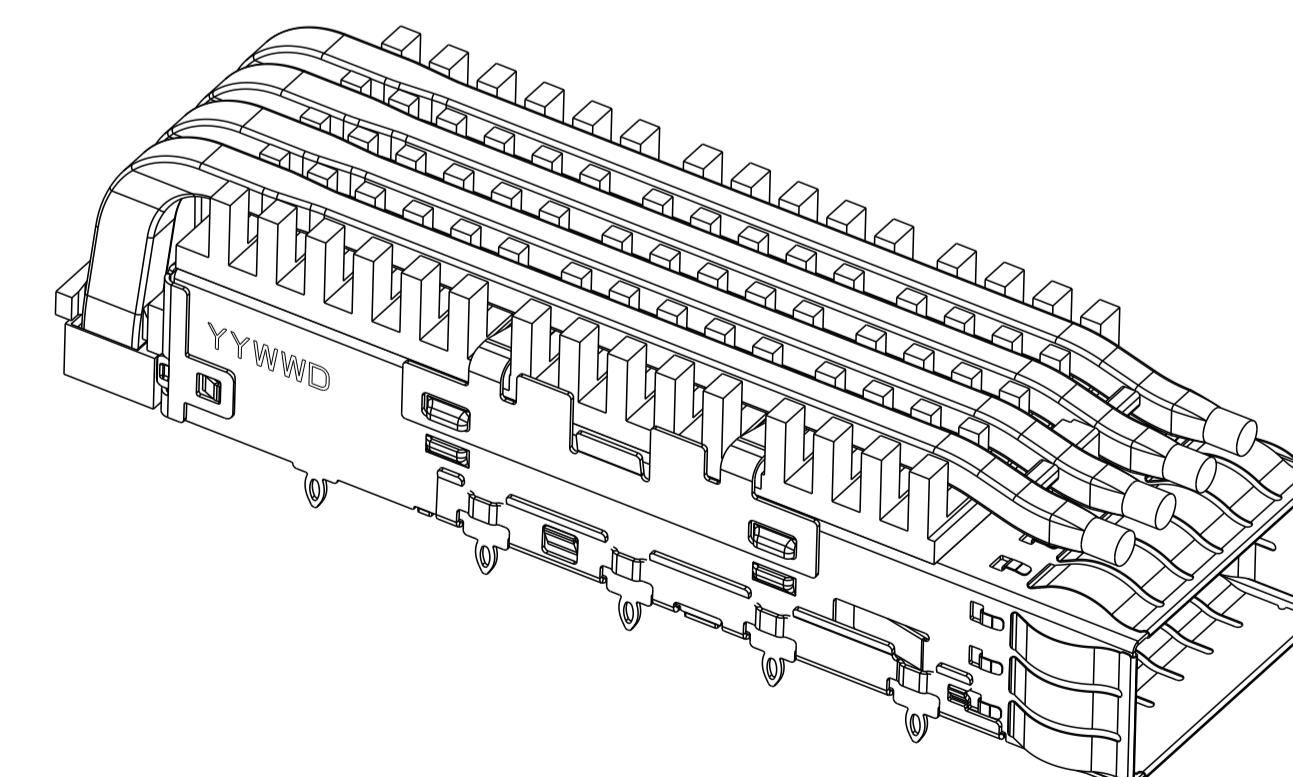
# LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE  
WITHOUT ORGANIZER  
SCALE 5:2



DUAL LIGHT PIPE  
SCALE 5:2

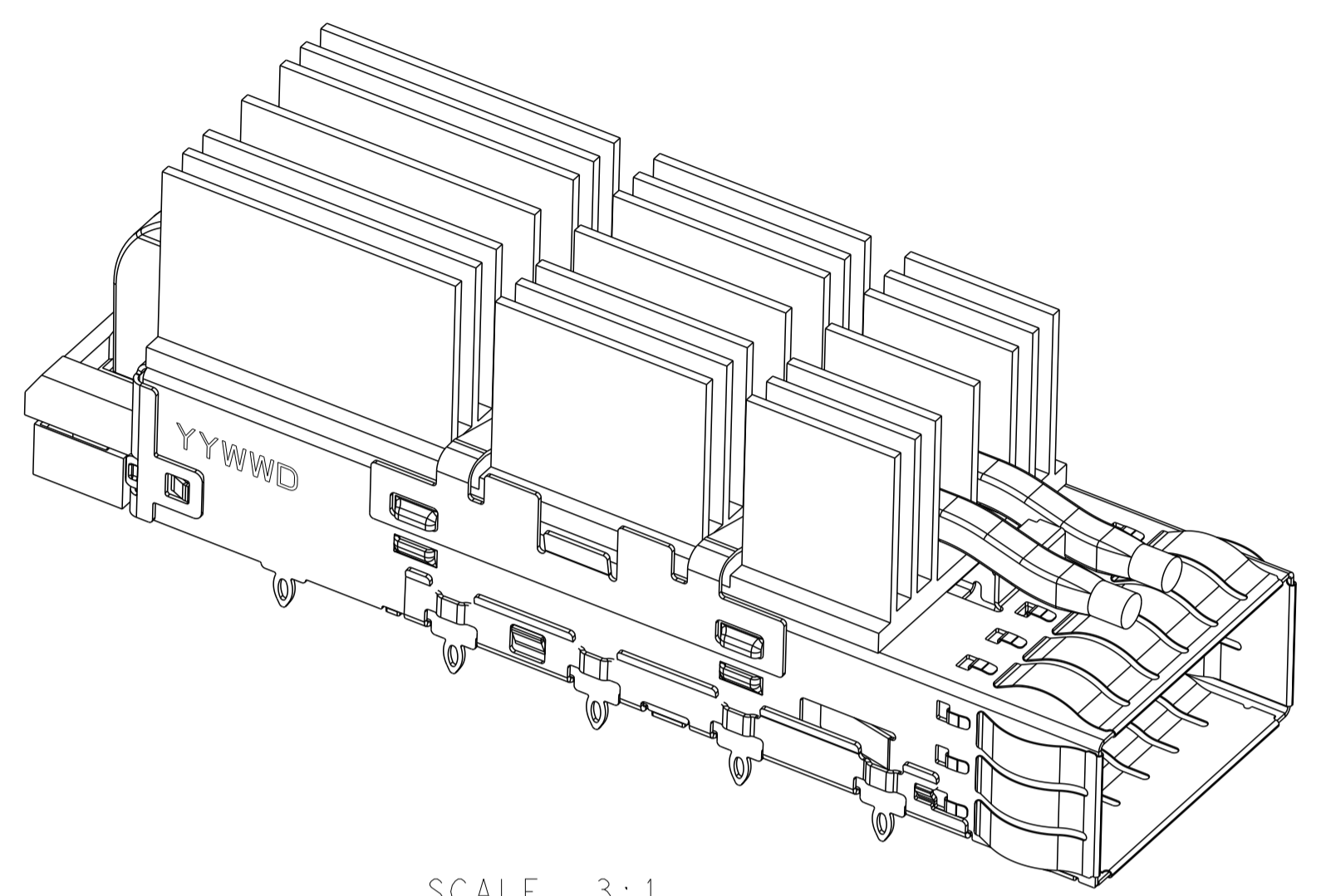


QUAD LIGHT PIPE  
SCALE 5:2

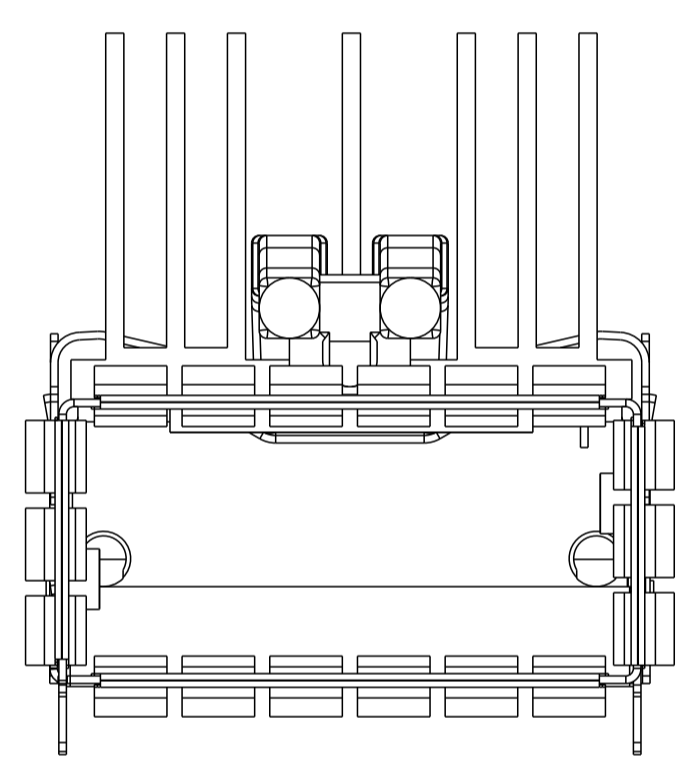
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 07MAR2014	TE Connectivity
		CHK: SEAN HAN 26JAN2016	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD:	NAME:
mm	0 PLC ±0.25	PRODUCT SPEC	CAGE ASSEMBLY, QSFP28, THRU BEZEL
	1 PLC ±0.25	APPLICATION SPEC	WITH EMI SPRING FINGER
	2 PLC ±0.25	RESTRICTED TO:	HEAT SINK, LIGHT PIPE
	3 PLC ±0.25	SIZE: CAGE CODE DRAWING NO	A100779C=2170705
	4 PLC ±0.100	WEIGHT:	SCALE 5:1 SHEET 2 OF 10 REV D8
	ANGLES ±°	CUSTOMER DRAWING	
MATERIAL:	FINISH:		

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

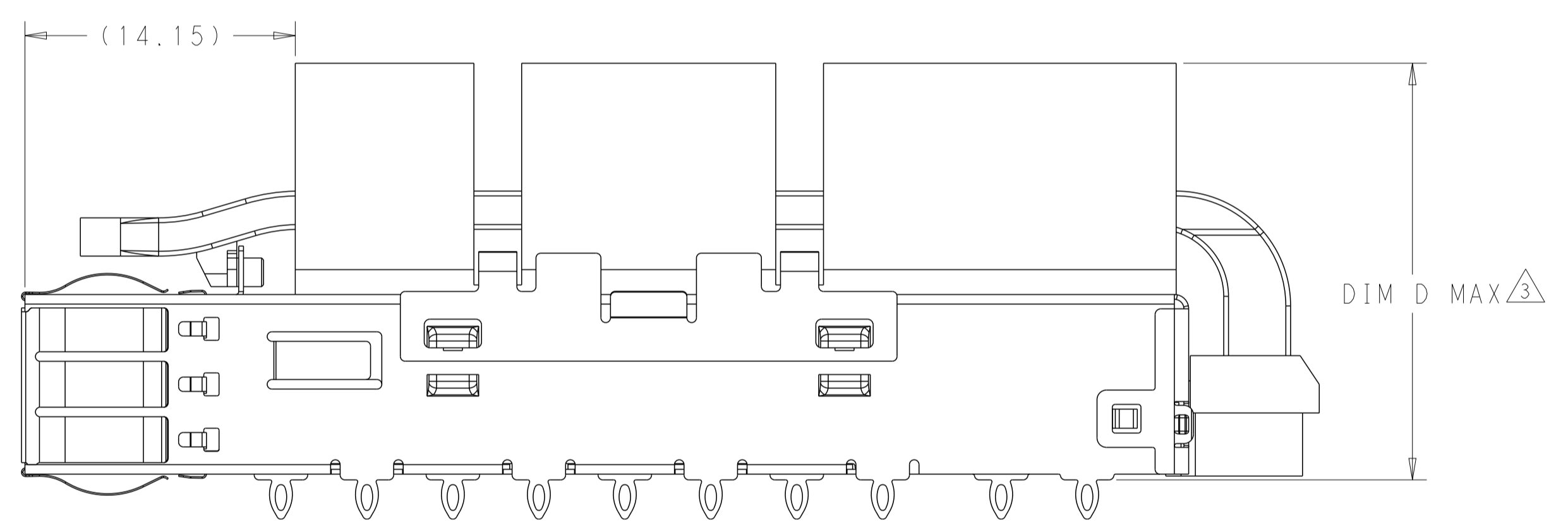
3-2170705-0/1  
 UNMARKED DIMENSIONS SAME AS 2-2170705-6



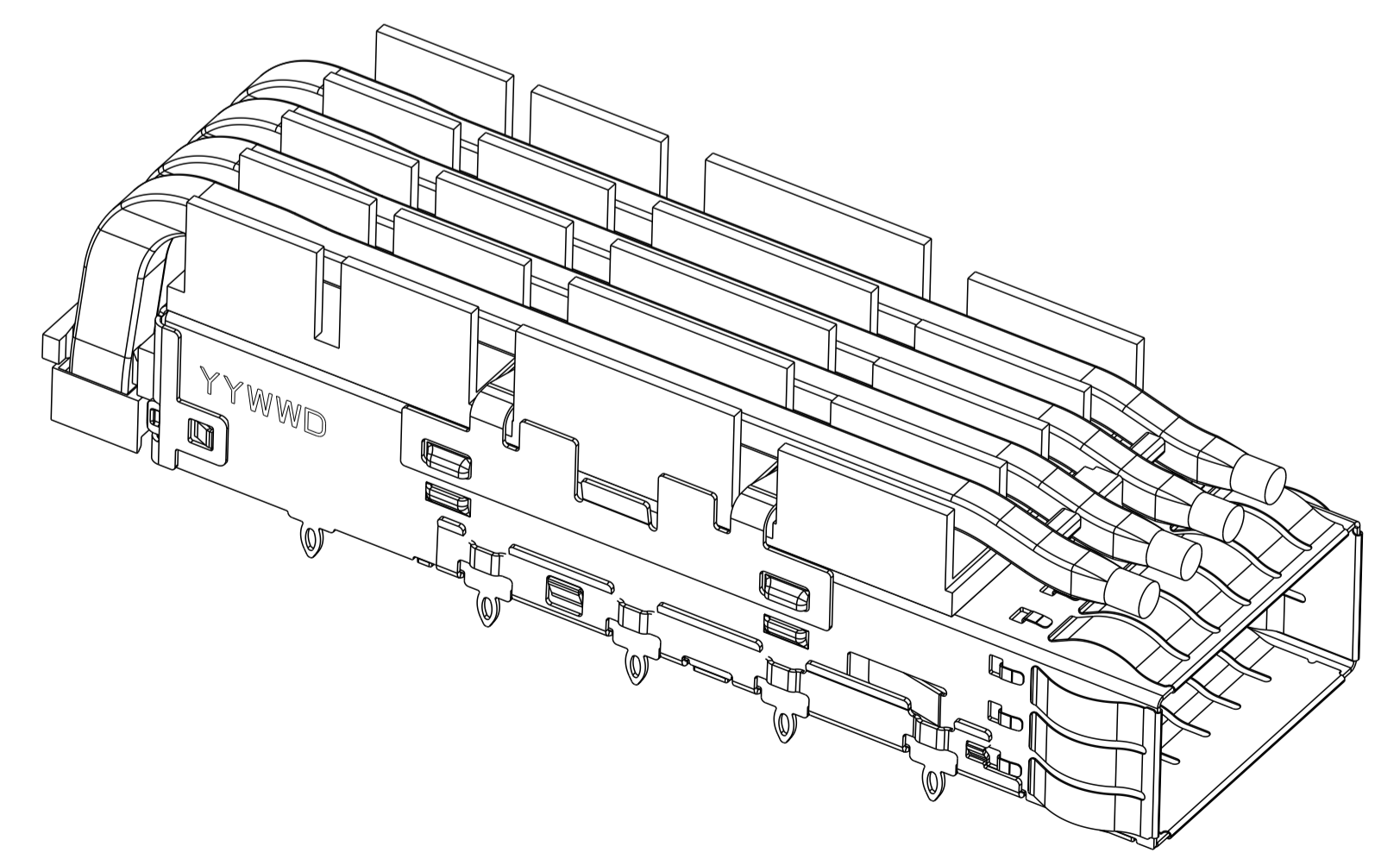
SCALE 3:1



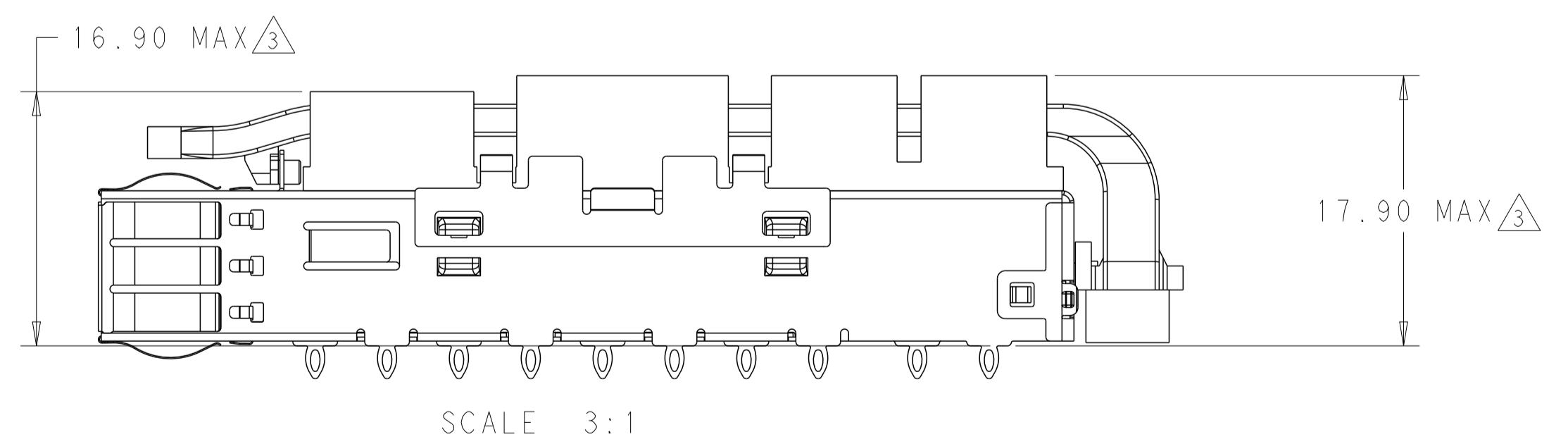
PART NO.	DIM D
3-2170705-0	23.0 MAX
3-2170705-1	18.0 MAX



1-2170705-2  
 3D VIEW AS SHOWN



SCALE 3:1

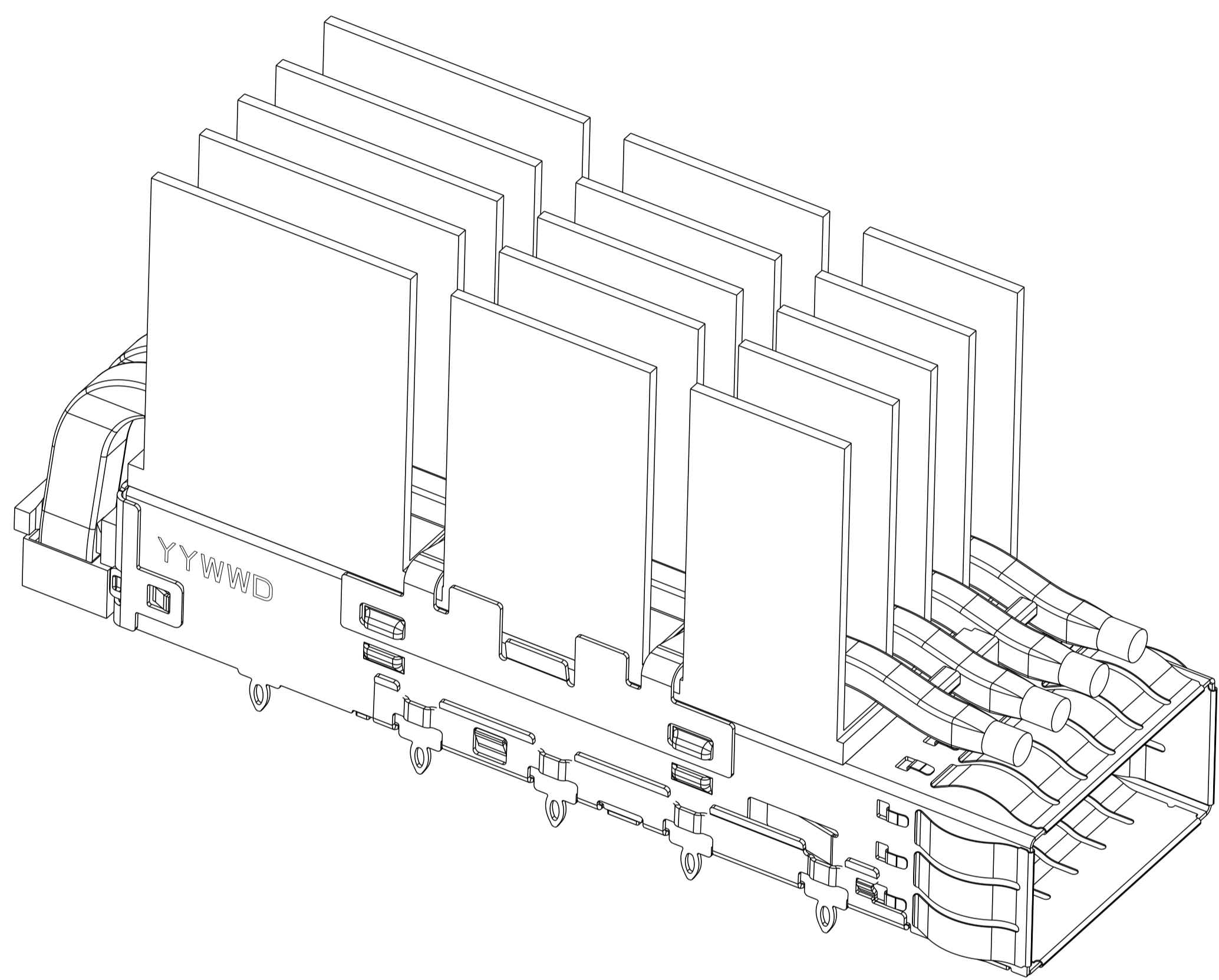


SCALE 3:1

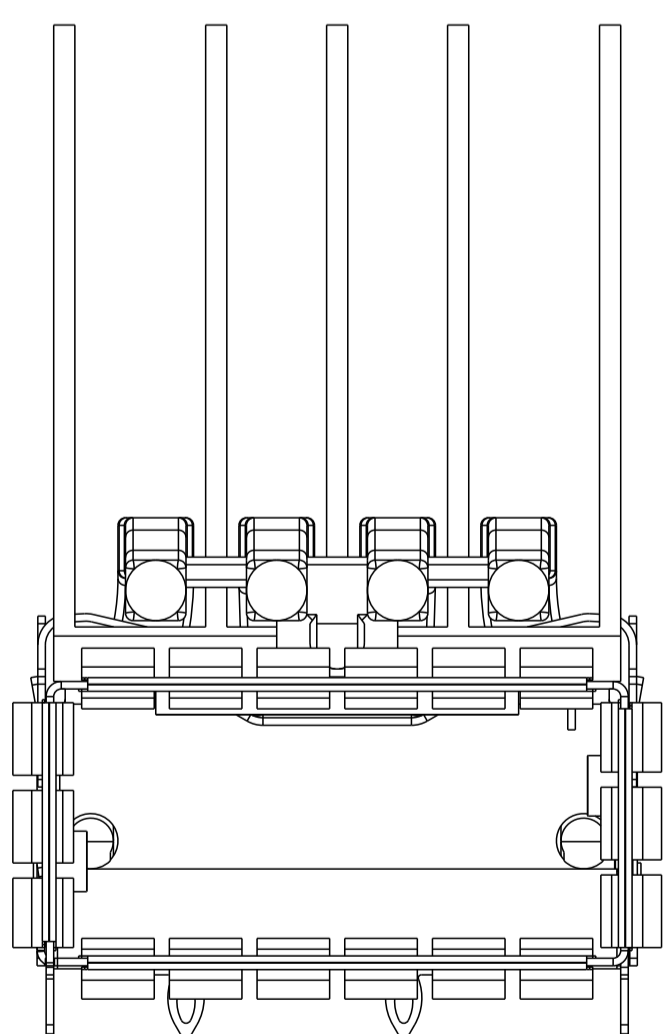
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN JASON YANG CHK SEAN HAN	07MAR2014 26JAN2016	TE Connectivity
DIMENSIONS:		APVD		
mm	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.100 ANGLES ±°	PRODUCT SPEC 108-19428 APPLICATION SPEC		NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
MATERIAL		RESTRICTED TO		
FINISH		SIZE A1	CAGE CODE 100779	DRAWING NO. C=2170705
		WEIGHT		REV D8
		CUSTOMER DRAWING		SCALE 5:1 SHEET 3 OF 10

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

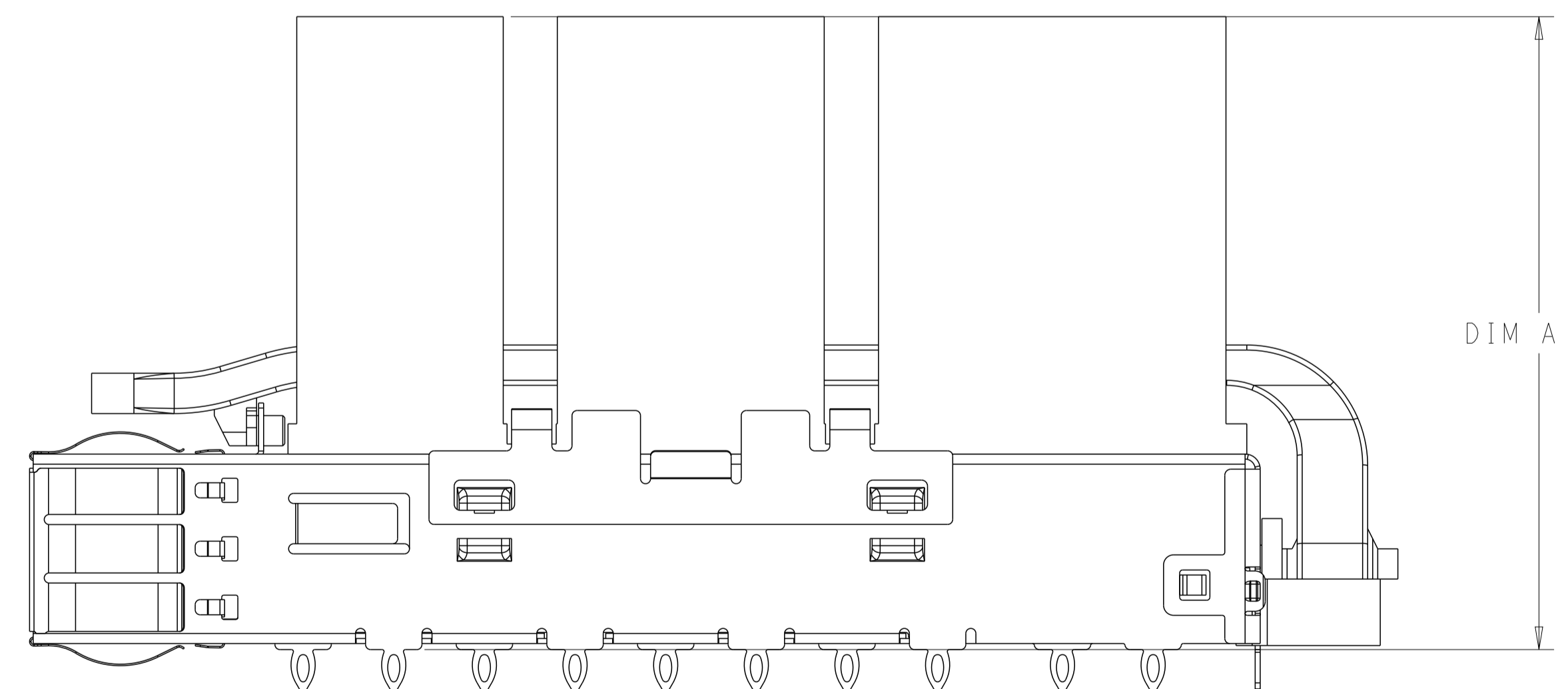
1-2170705-4  
 3D VIEW AS SHOWN  
 UNMARKED DIMENSION SAME AS 4-2170705-3



SCALE 4:1



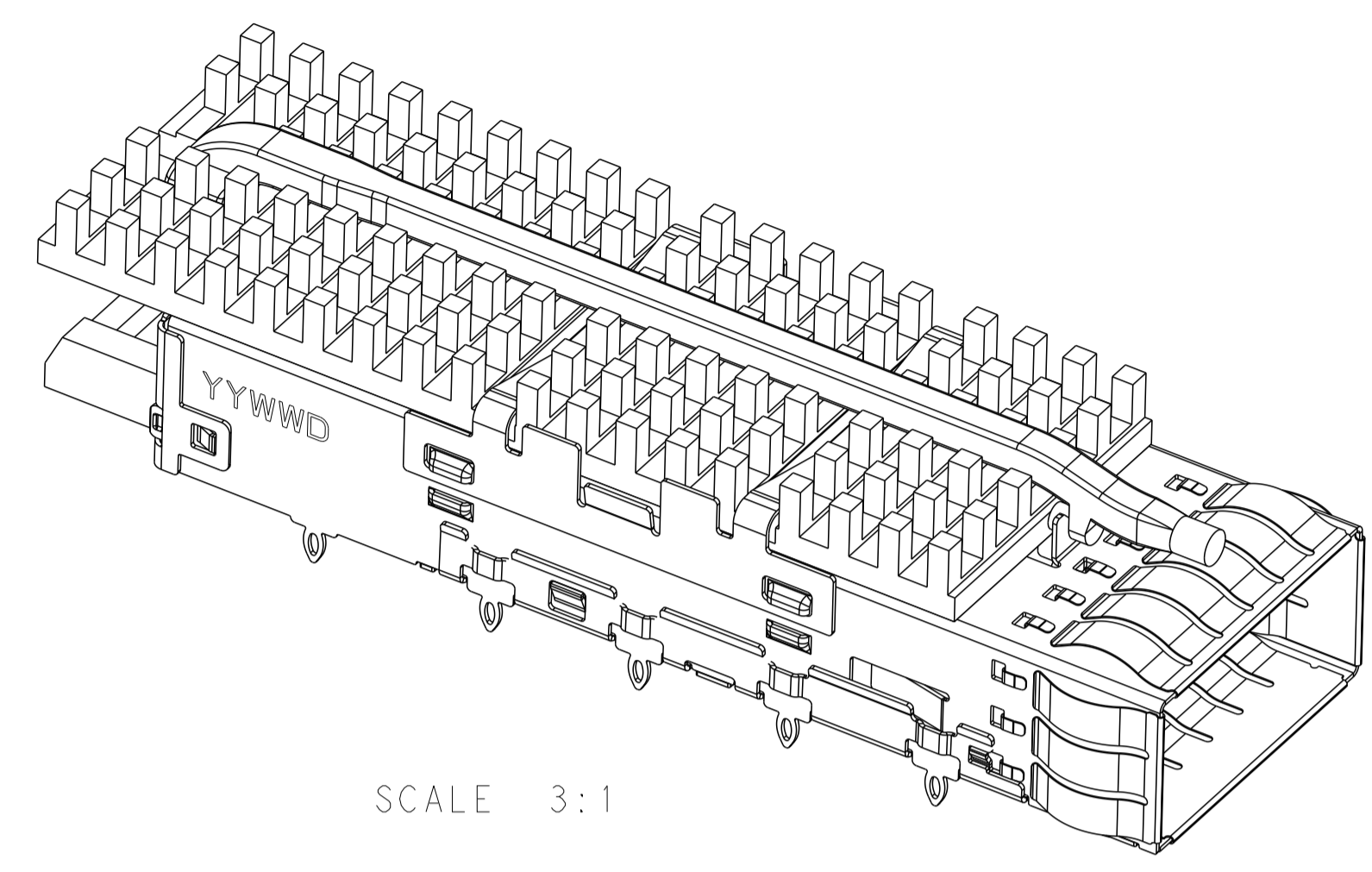
SCALE 4:1



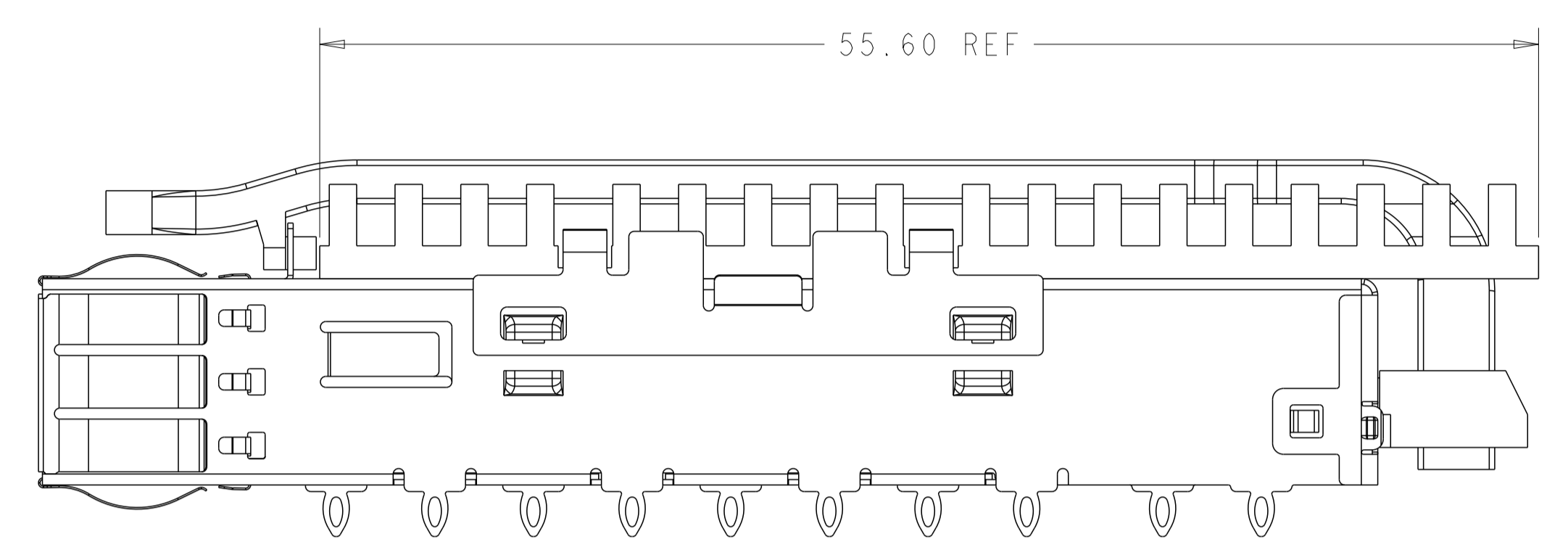
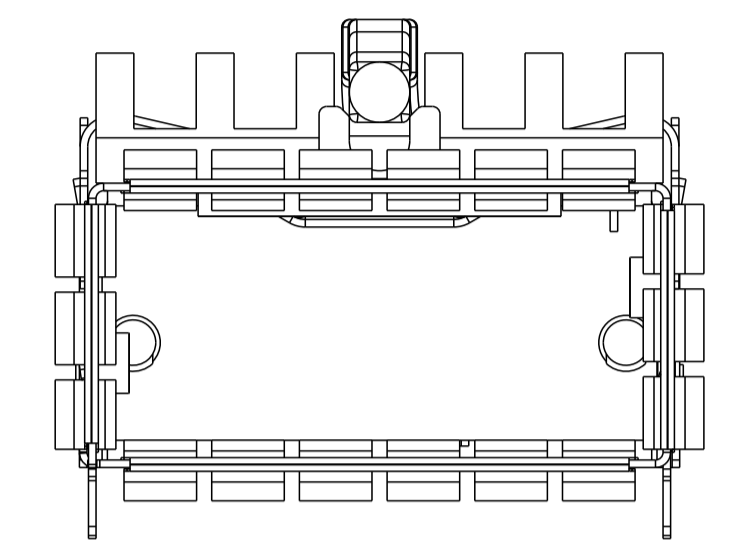
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: JASON YANG 07MAR2014	TE Connectivity
		CHK: SEAN HAN 26JAN2016	
DIMENSIONS:		NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC: 108-19428	RESTRICTED TO:
	0 PLC ±0.25	APPLICATION SPEC: 114-32023	SIZE: A1
	1 PLC ±0.25	WEIGHT: -	CAGE CODE: 100779
	2 PLC ±0.20	CUSTOMER DRAWING	DRAWING NO: C=2170705
	3 PLC ±0.100	SCALE: 5:1	SHEET 4 OF 10
	4 PLC ±		REV: D8
	ANGLES FINISH		

LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
		SEE SHEET 1					

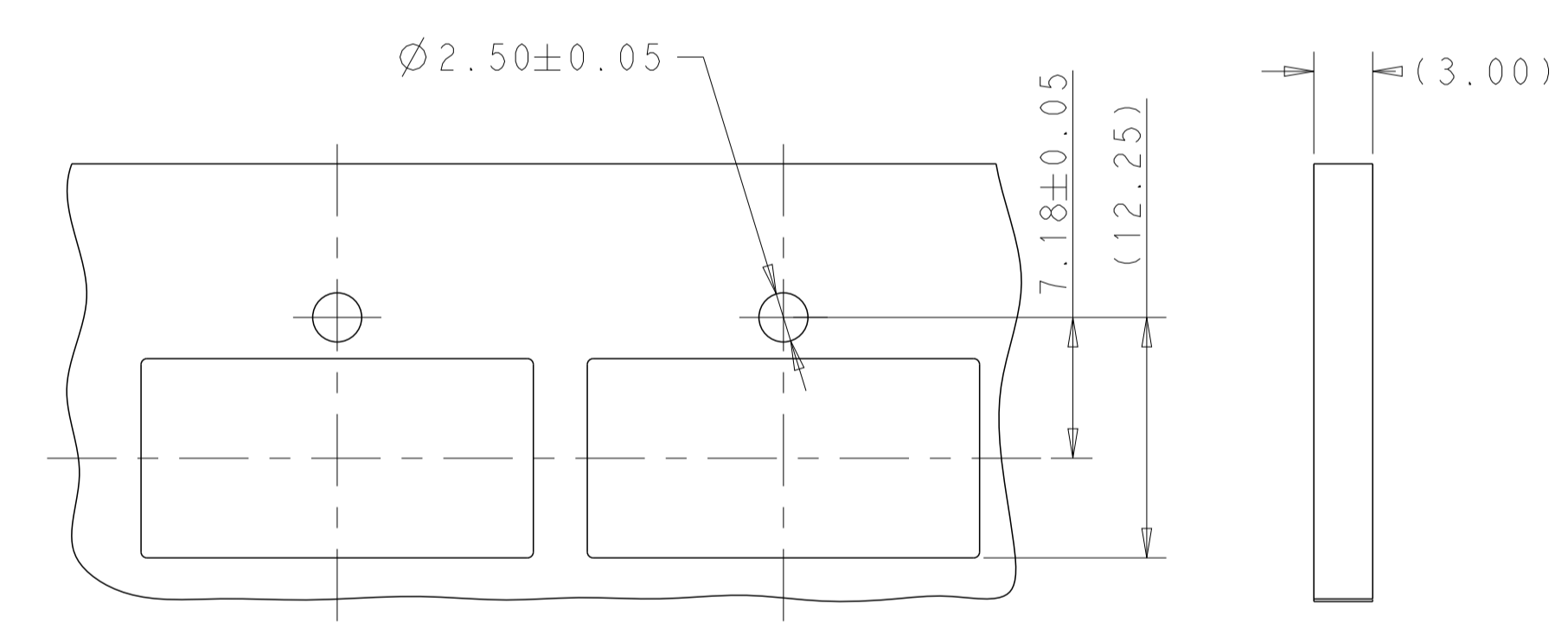
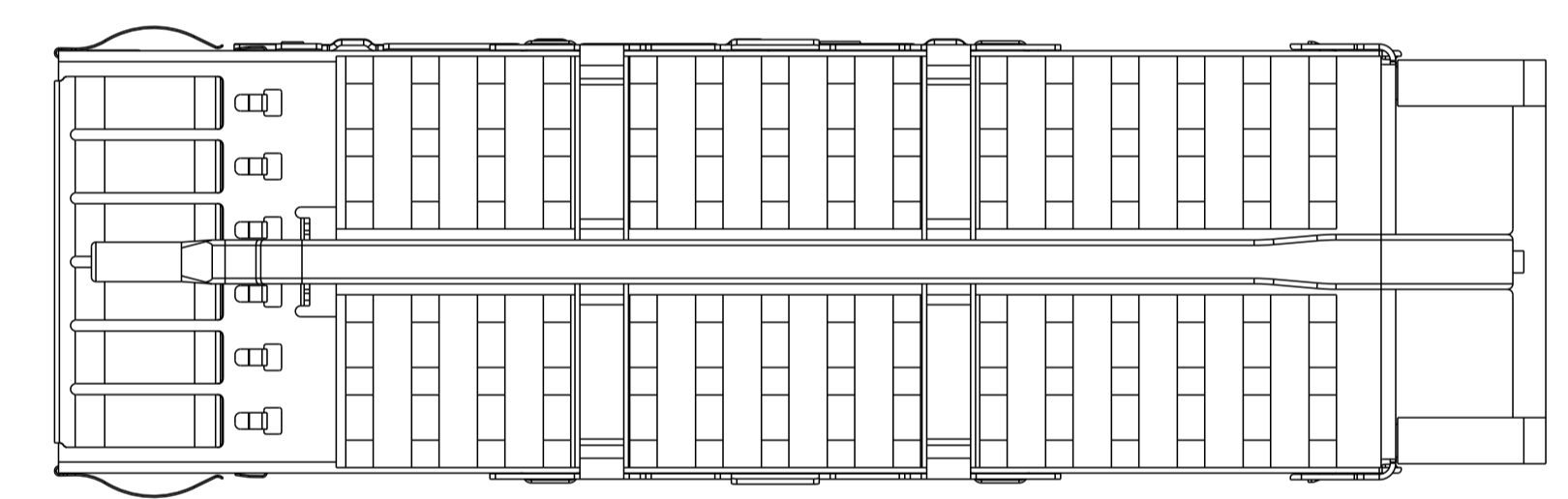
1-2170705-1  
 UNMARKED DIMENSIONS SAME AS 2170705-4



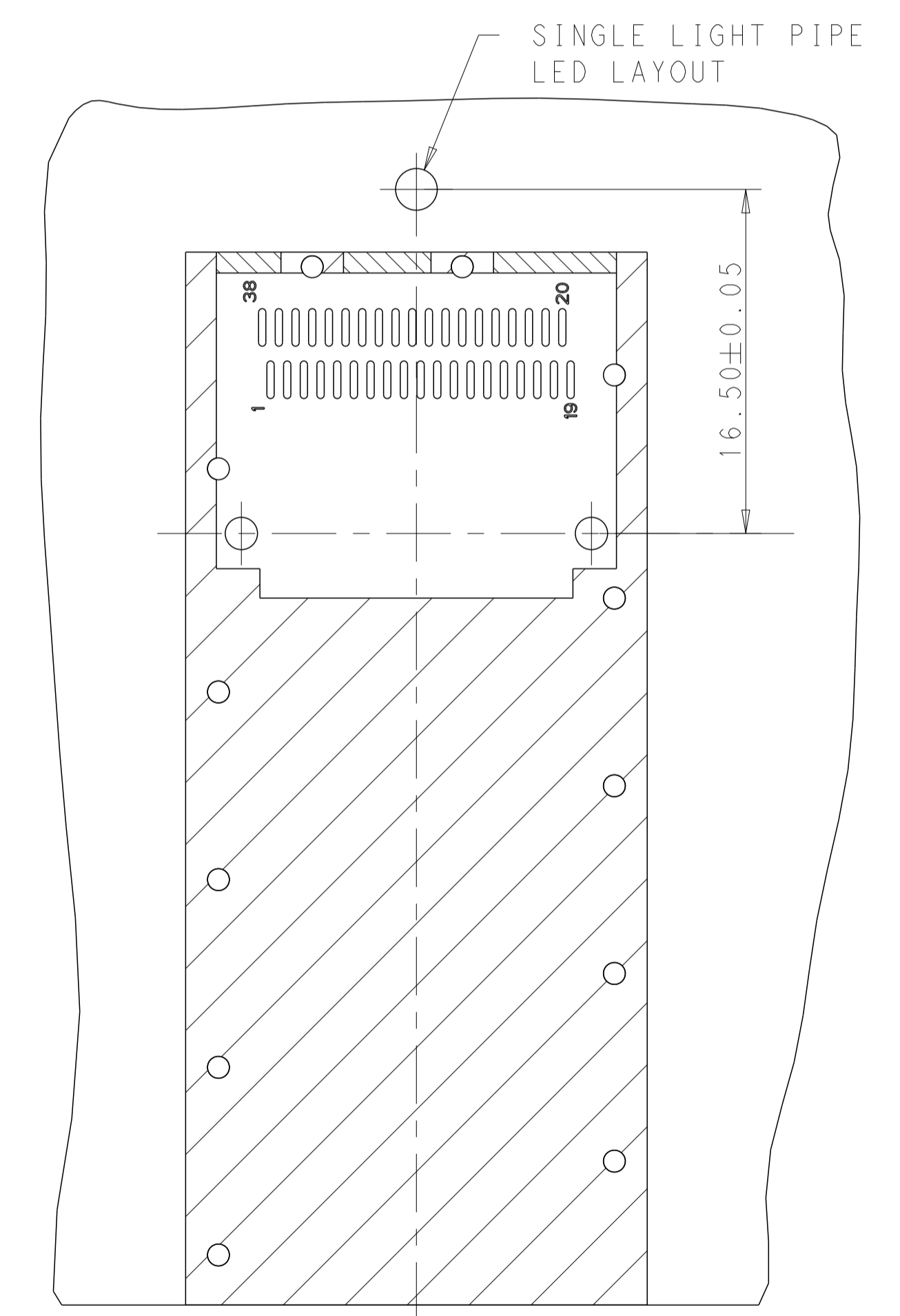
SCALE 3:1



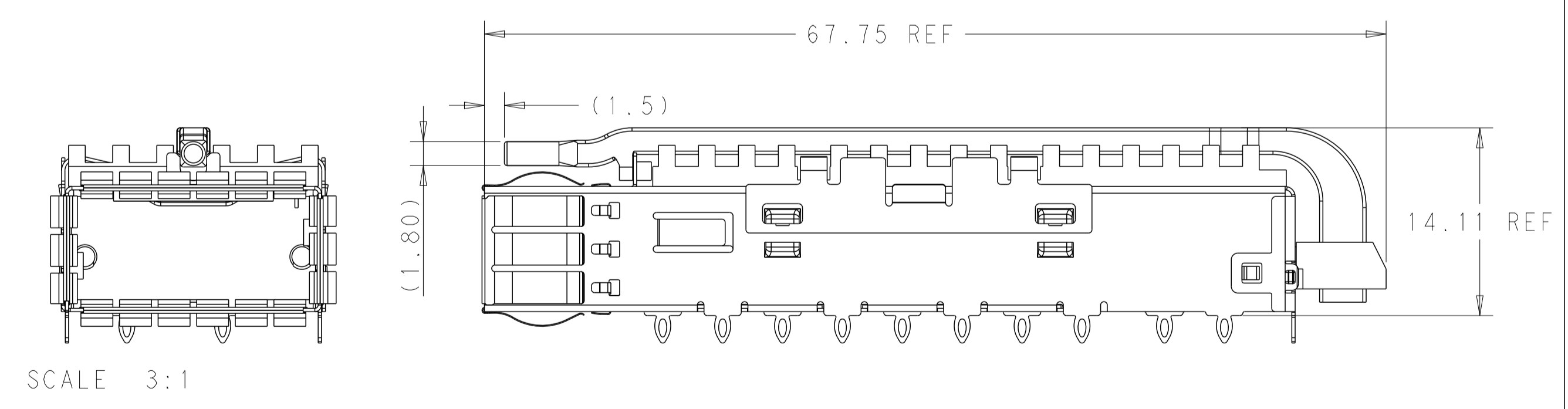
6-2170705-4  
 UNMARKED DIMENSIONS SAME AS 2170705-1



BEZEL OF SINGLE LIGHT PIPE TYPE  
 ALL OTHER DIMENSIONS ARE THE SAME AS BEZEL SHOWN IN THE PAGE 6  
 SCALE 3:1



RECOMMENDED PCB LAYOUT  
 ALL OTHER DIMENSIONS ARE THE SAME AS PCB LAYOUT SHOWN IN THE LAST TWO PAGES  
 SCALE 4:1

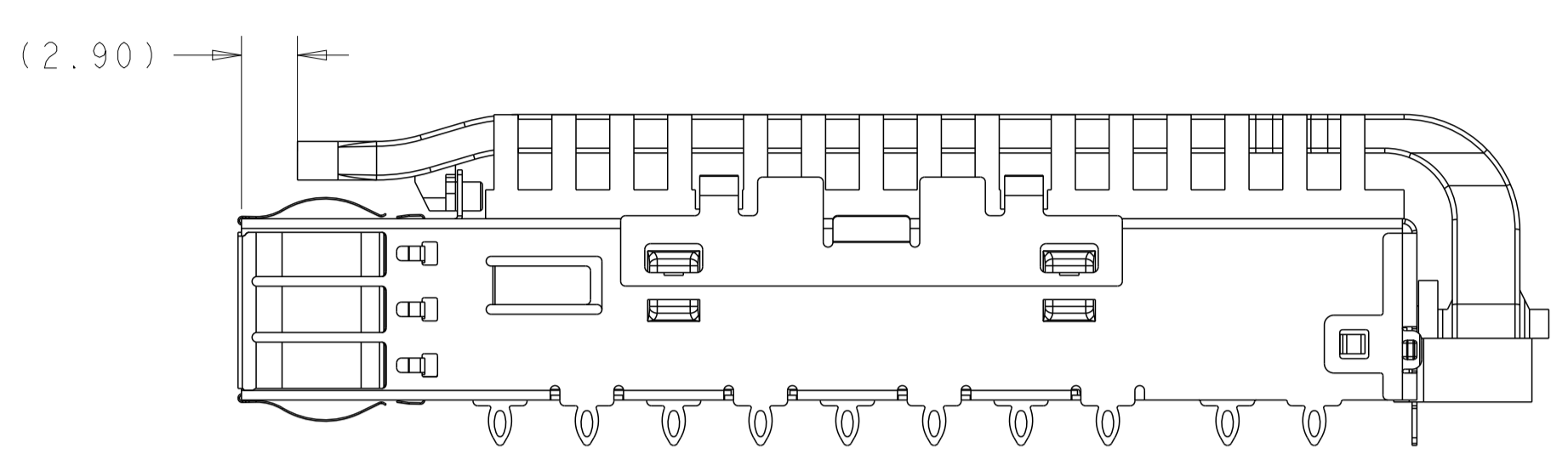


SCALE 3:1

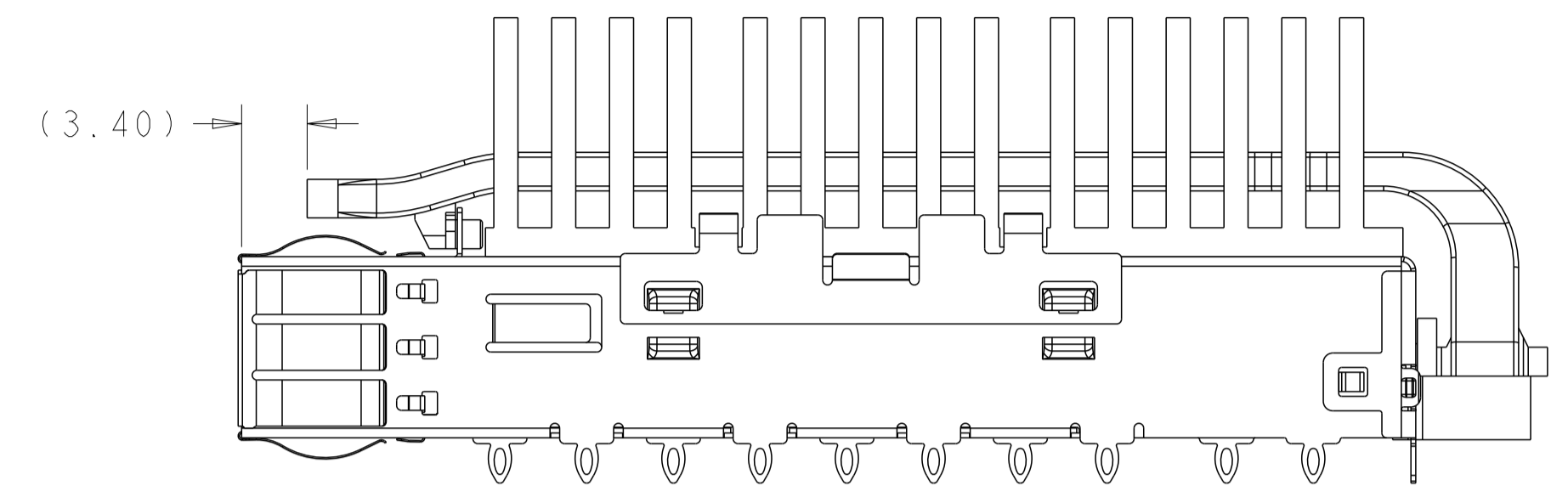
THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: JASON YANG 07MAR2014	TE Connectivity
		CHK: SEAN HAN 26JAN2016	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD:	NAME:
mm	0 PLC ±0.25	PRODUCT SPEC:	CAGE ASSEMBLY, QSFP28, THRU BEZEL
	1 PLC ±0.25	108-19428	WITH EMI SPRING FINGER
	2 PLC ±0.20	APPLICATION SPEC:	HEAT SINK, LIGHT PIPE
	3 PLC ±0.100	SIZE: CAGE CODE DRAWING NO:	RESTRICTED TO:
	4 PLC ±"	114-32023	A100779C=2170705
ANGLES:	FINISH:	WEIGHT:	SCALE 5:1 SHEET 5 OF 10 REV D8
MATERIAL:		CUSTOMER DRAWING	

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

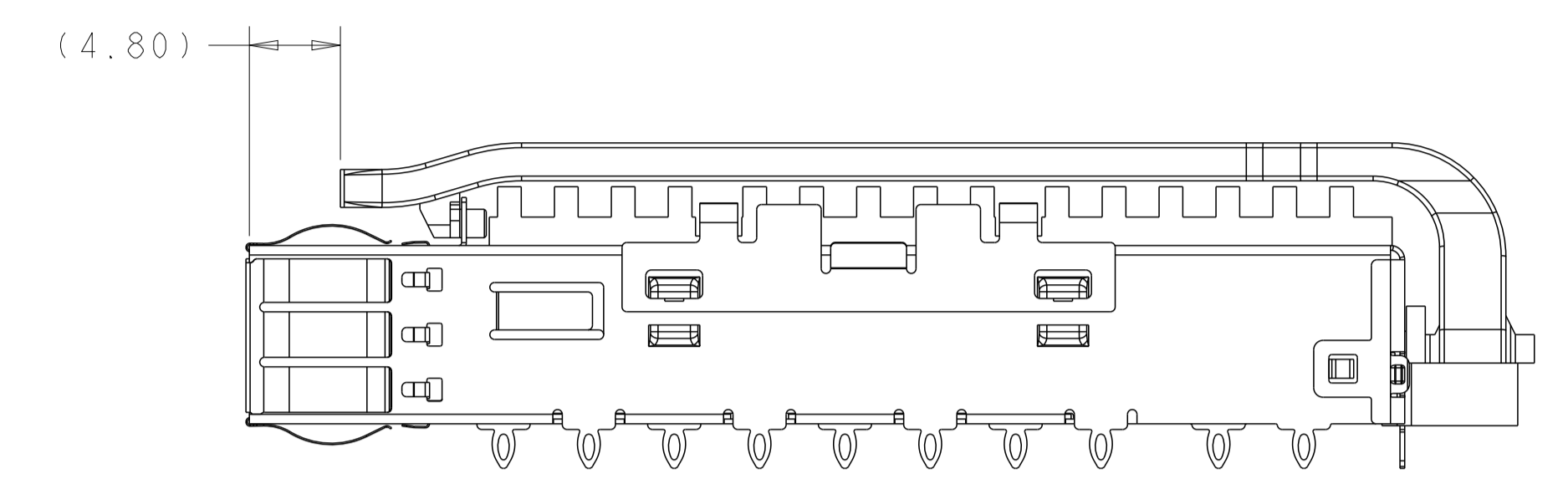
# LIGHT PIPE LENGTH OPTIONS



WITH LIGHT PIPE LENGTH B=2.9  
SCALE 3:1



WITH LIGHT PIPE LENGTH B=3.4  
SCALE 3:1

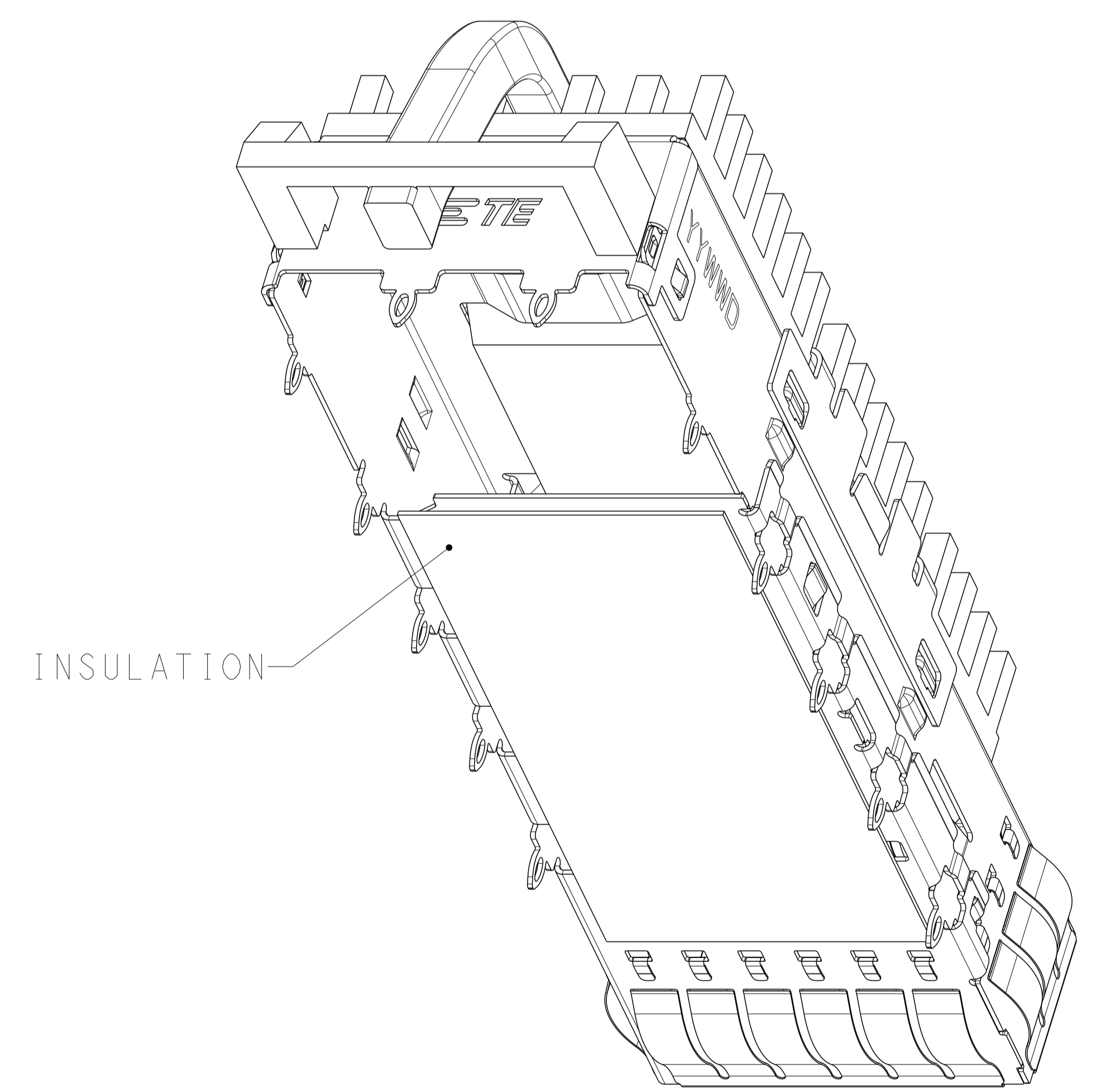


WITH LIGHT PIPE LENGTH B=4.8  
SCALE 3:1

## BOM

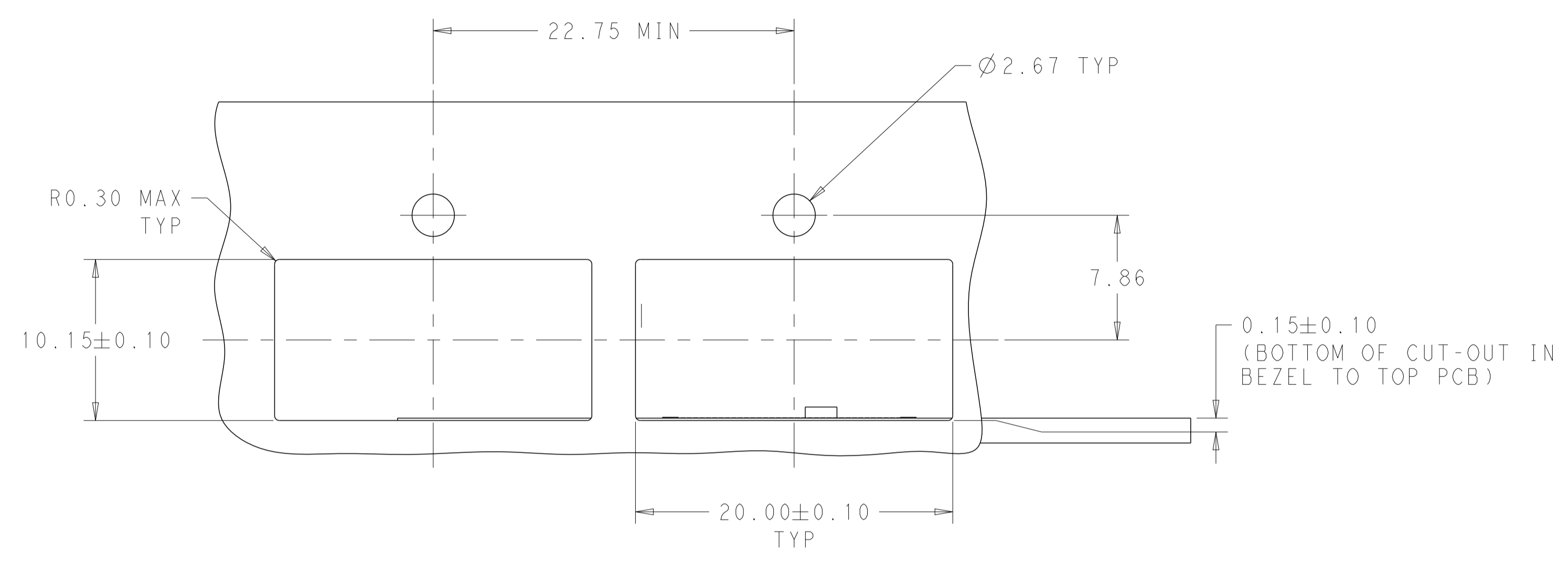
YES	2.9	2	16.0	PIN	SAN	SINGLE LP	6-2170705-6
	1.5	2	13.7	PIN	PCI	SINGLE LP	6-2170705-4
	4.8	0	16.00	PIN	SAN	DUAL LP	6-2170705-3
	5.2	1	16.00	PIN	SAN	DUAL LP	6-2170705-2
	4.8	2	13.7	PIN	PCI	QUAD LP	6-2170705-1
	3.4	1	23.0	PIN	NETWORKING	QUAD LP	5-2170705-9
	2.9	1	16.0	PIN	SAN	COATED QUAD LP	5-2170705-8
		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	18.00	FIN	CUSTOMIZED	DUAL LP	3-2170705-1
		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	
	2	32.4	FIN	NETWORKING	QUAD LP	1-2170705-4	
	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	
INSULATION	DIM B	# REAR PINS	DIM A	HEAT SINK TYPE	APPLICATION (HEAT SINK OPTION)	LIGHT PIPE OPTION	PART NUMBER

6-217705-6  
UNMARKED DIMENSIONS SAME AS 2170705-2

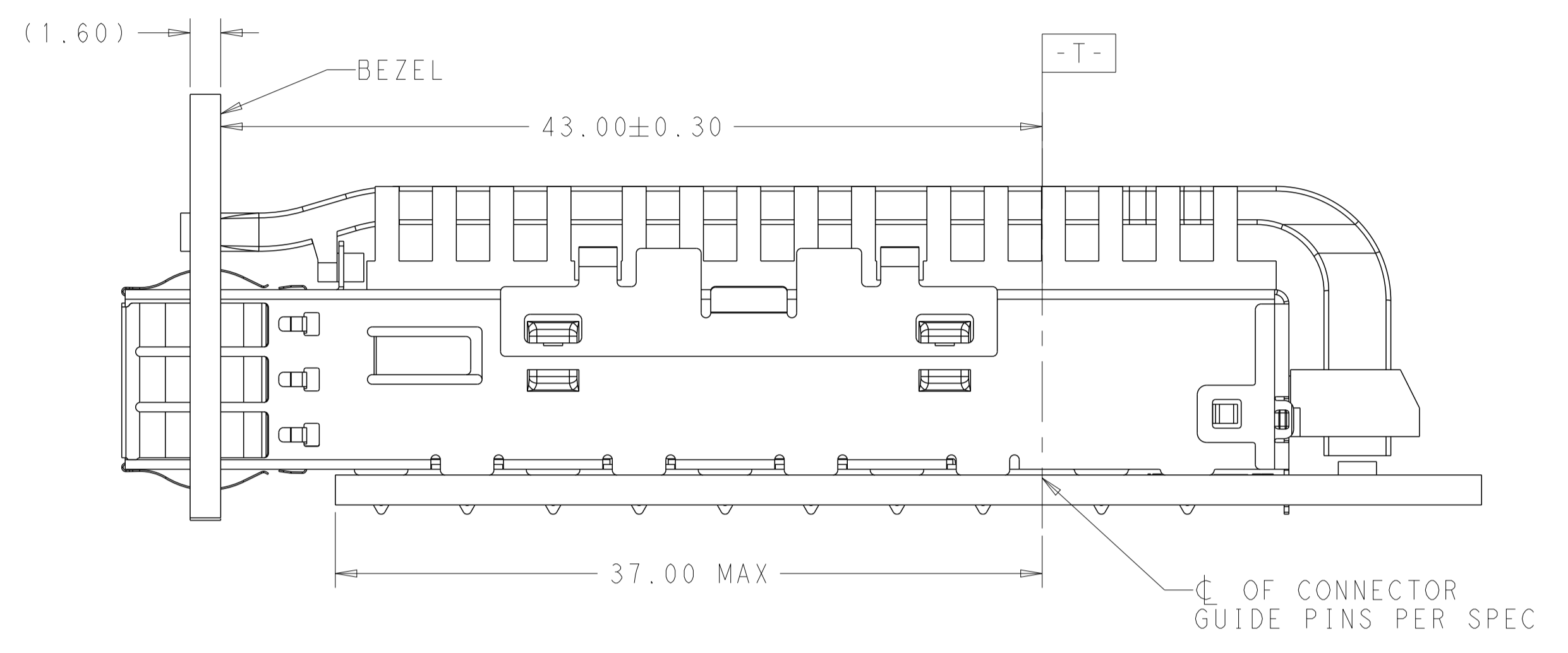


THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 07MAR2014	 TE Connectivity
		CHK: SEAN HAN 26JAN2016	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
mm	0 PLC ±0.25	1 PLC ±0.25	PRODUCT SPEC: 108-19428
	2 PLC ±0.25	3 PLC ±0.25	APPLICATION SPEC: 114-32023
	4 PLC ±0.100	ANGLES ±°	SIZE: A1
MATERIAL:	FINISH:	WEIGHT:	CAGE CODE: 00779
		CUSTOMER DRAWING	DRAWING NO: 2170705
		SCALE: 5:1	SHEET: 6 OF 10
			REV: D8

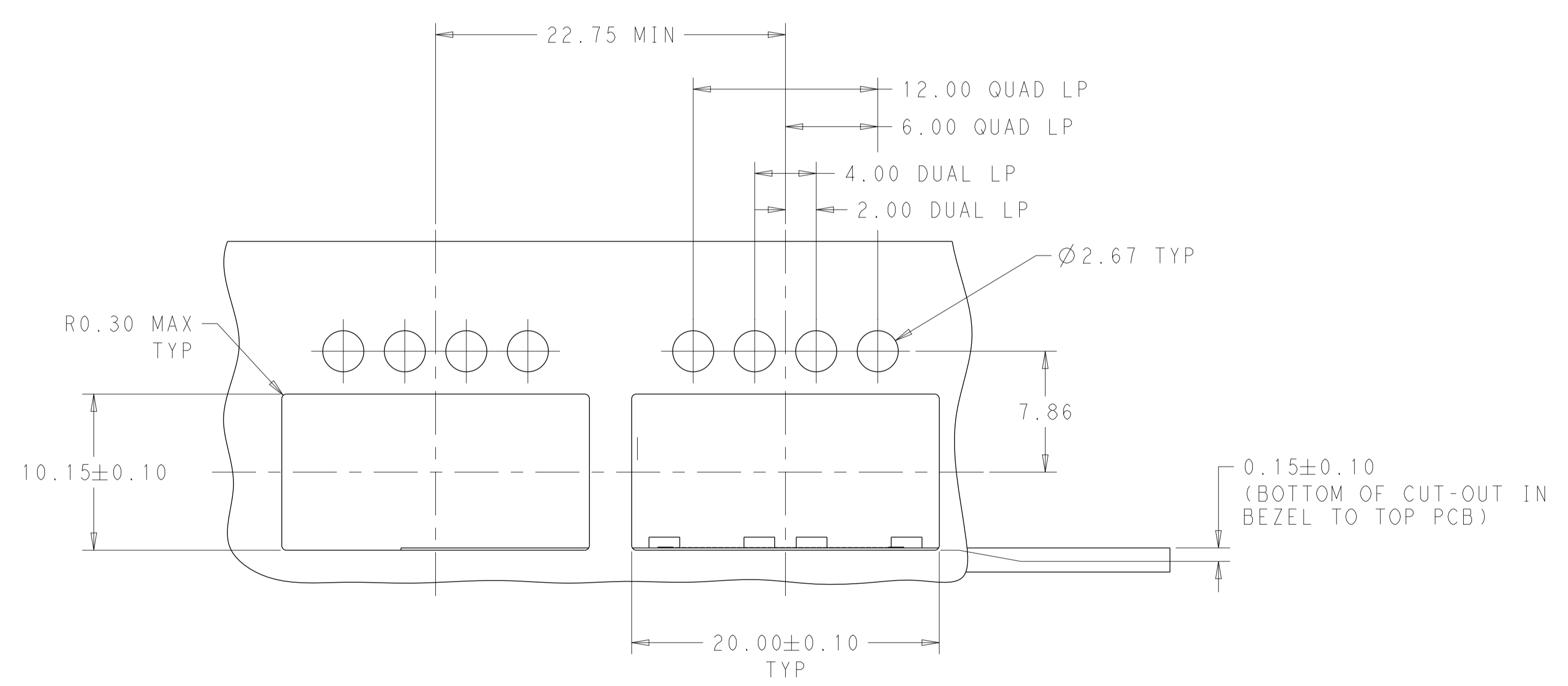
LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DMN	APVD		
-	-	SEE SHEET 1	-	-	-		



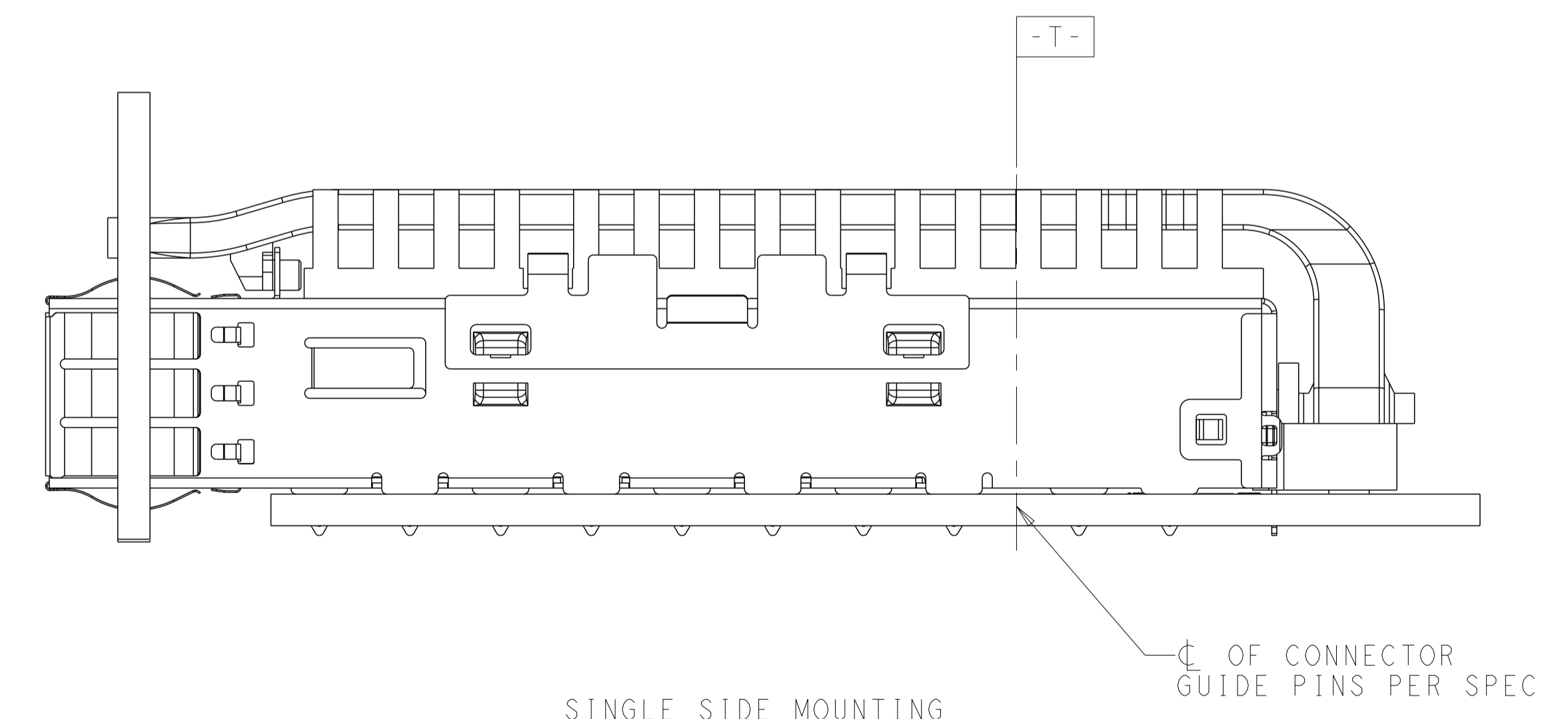
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING  
SCALE 4:1



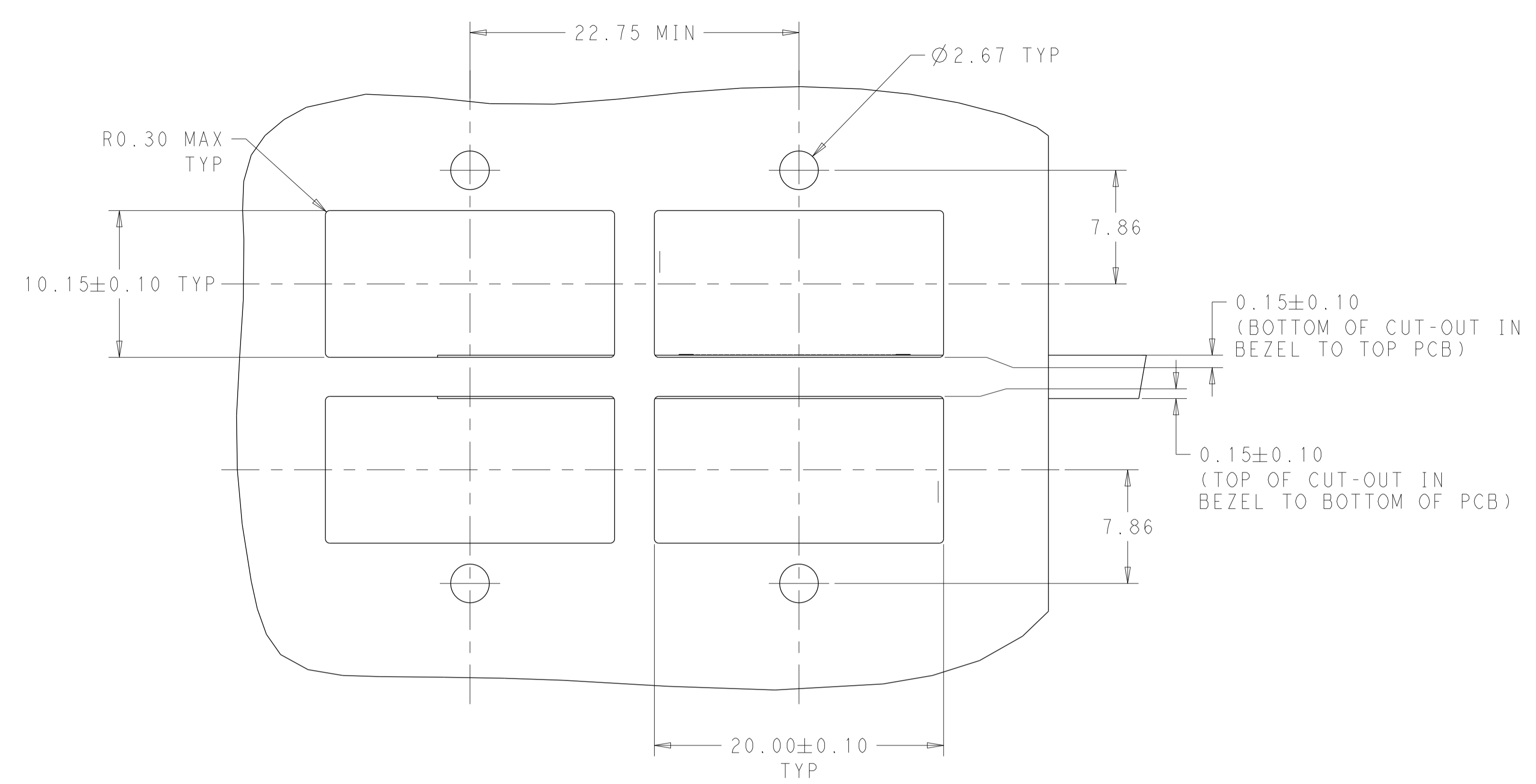
DUAL/QUAD LIGHT PIPE TYPE



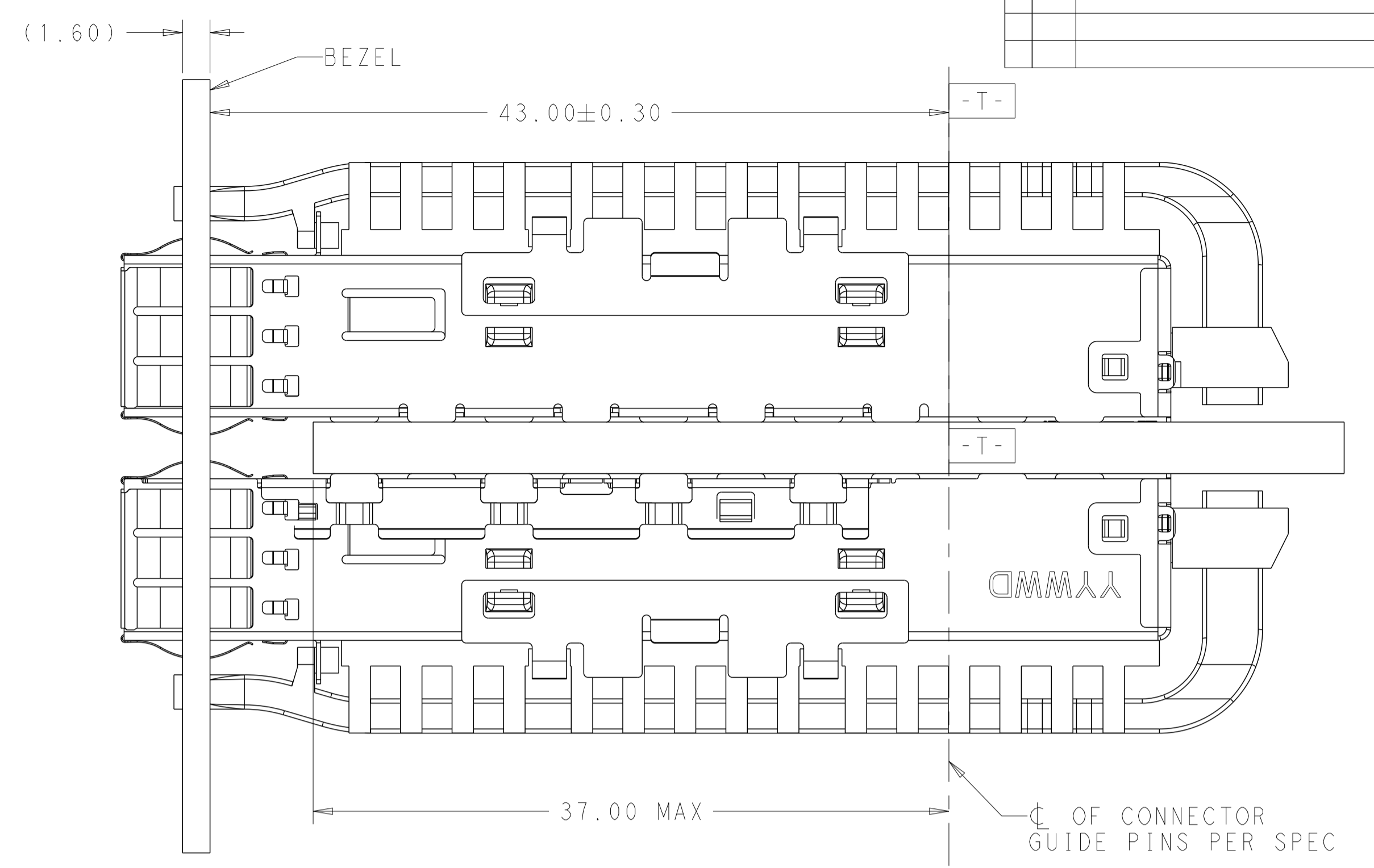
SINGLE SIDE MOUNTING  
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN	JASON YANG	07MAR2014	 TE Connectivity
DIMENSIONS:		CHK	SEAN HAN	26JAN2016	
mm	0 PLC ±0.25	APVD		NAME	CAGE ASSEMBLY, QSPF28, THRU BEZEL
	1 PLC ±0.25	PRODUCT SPEC		WITH EMI SPRING FINGER	
	2 PLC ±0.20	APPLICATION SPEC		HEAT SINK, LIGHT PIPE	
	3 PLC ±0.100	SIZE		CAGE CODE	DRAWING NO
	4 PLC ±	WEIGHT		RESTRICTED TO	
MATERIAL	FINISH	CUSTOMER DRAWING		SCALE	5:1
		A100779C=2170705		SHEET	7 OF 10
				REV	D8

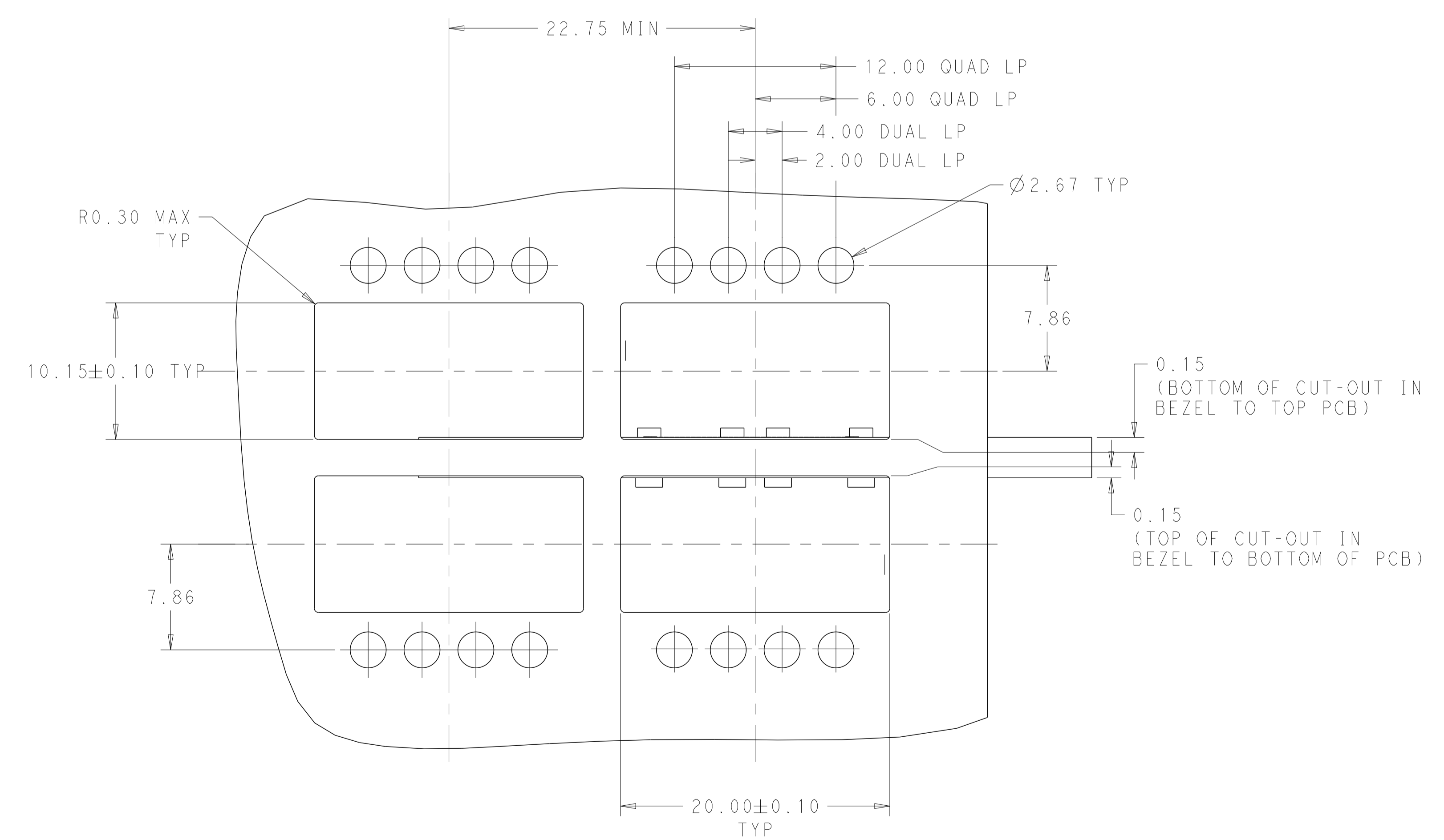
LOC		DIST		REVISIONS		
P	LTN	DESCRIPTION	DATE	DMN	APVD	
-	-	SEE SHEET 1	-	-	-	-



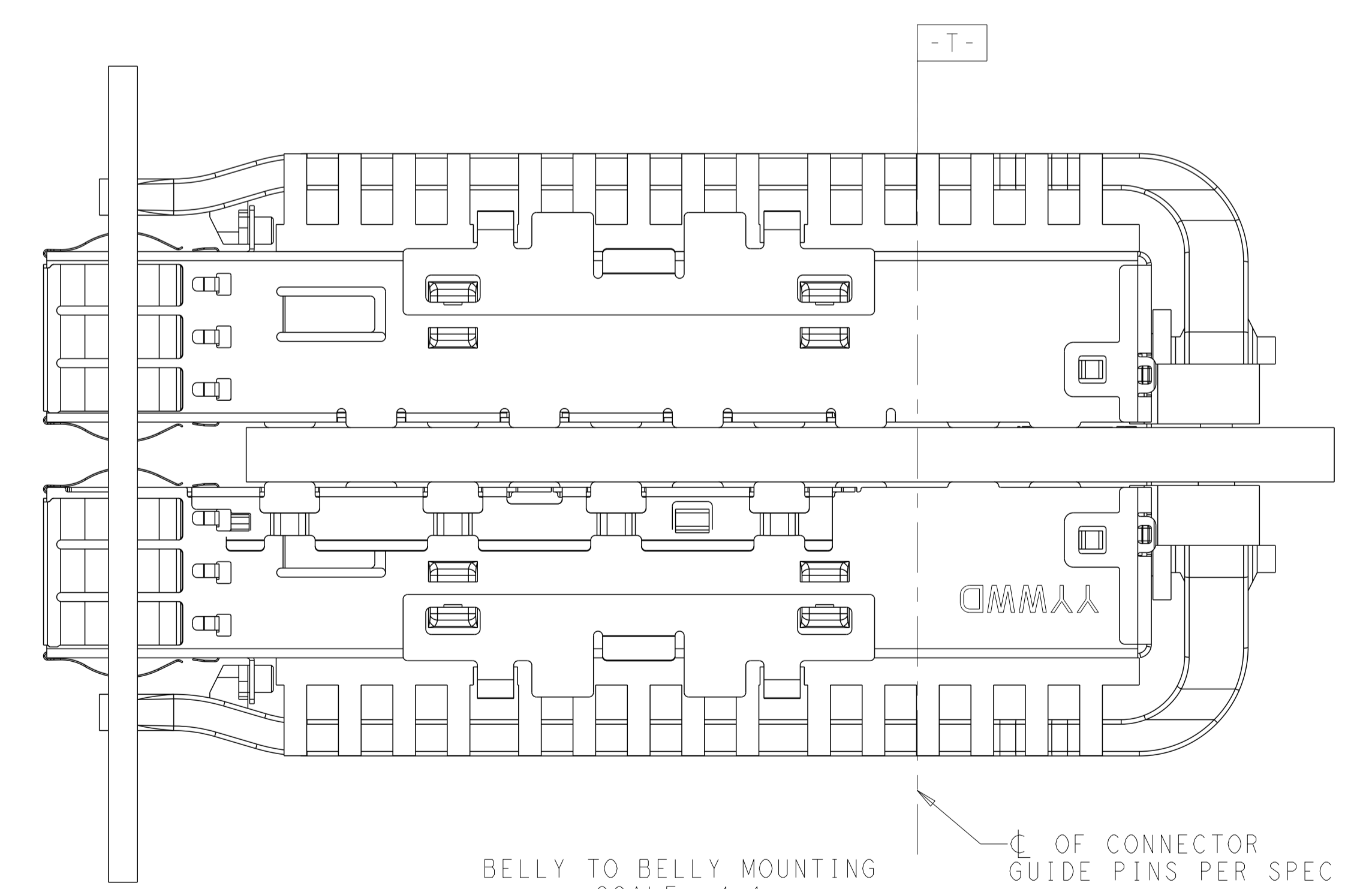
SINGLE LIGHT PIPE TYPE



BELLY TO BELLY MOUNTING SCALE 4:1



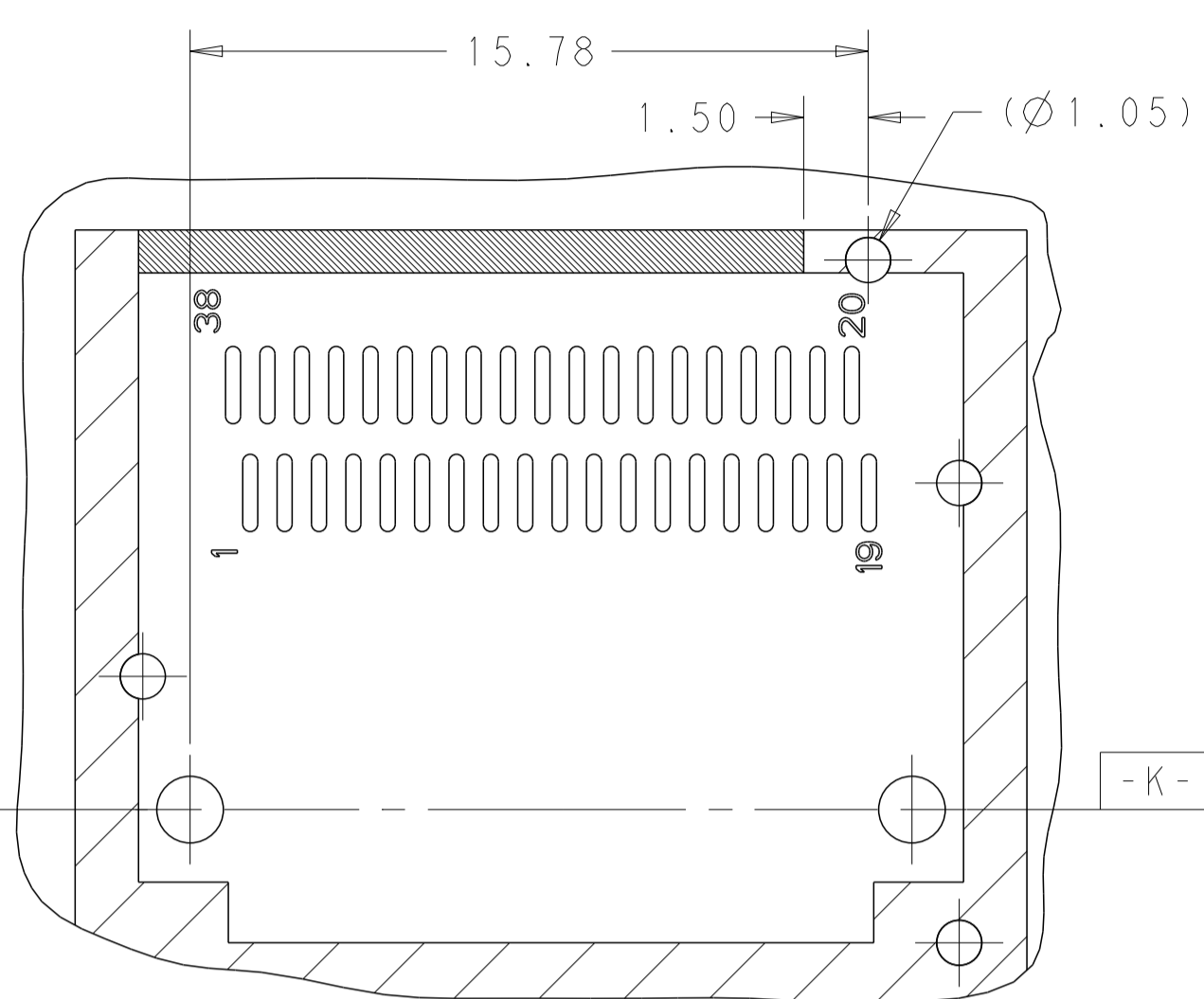
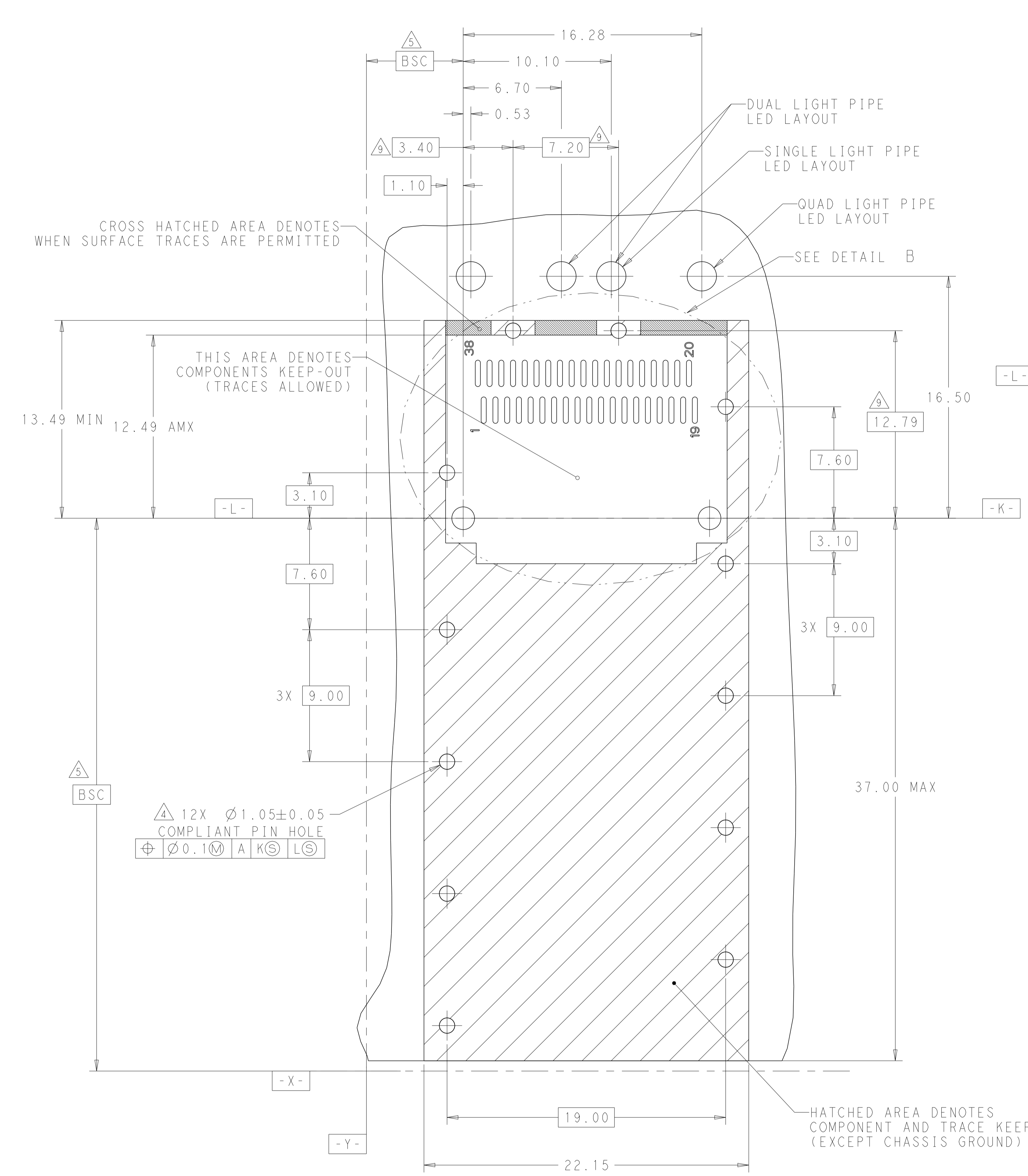
DUAL/QUAD LIGHT PIPE TYPE



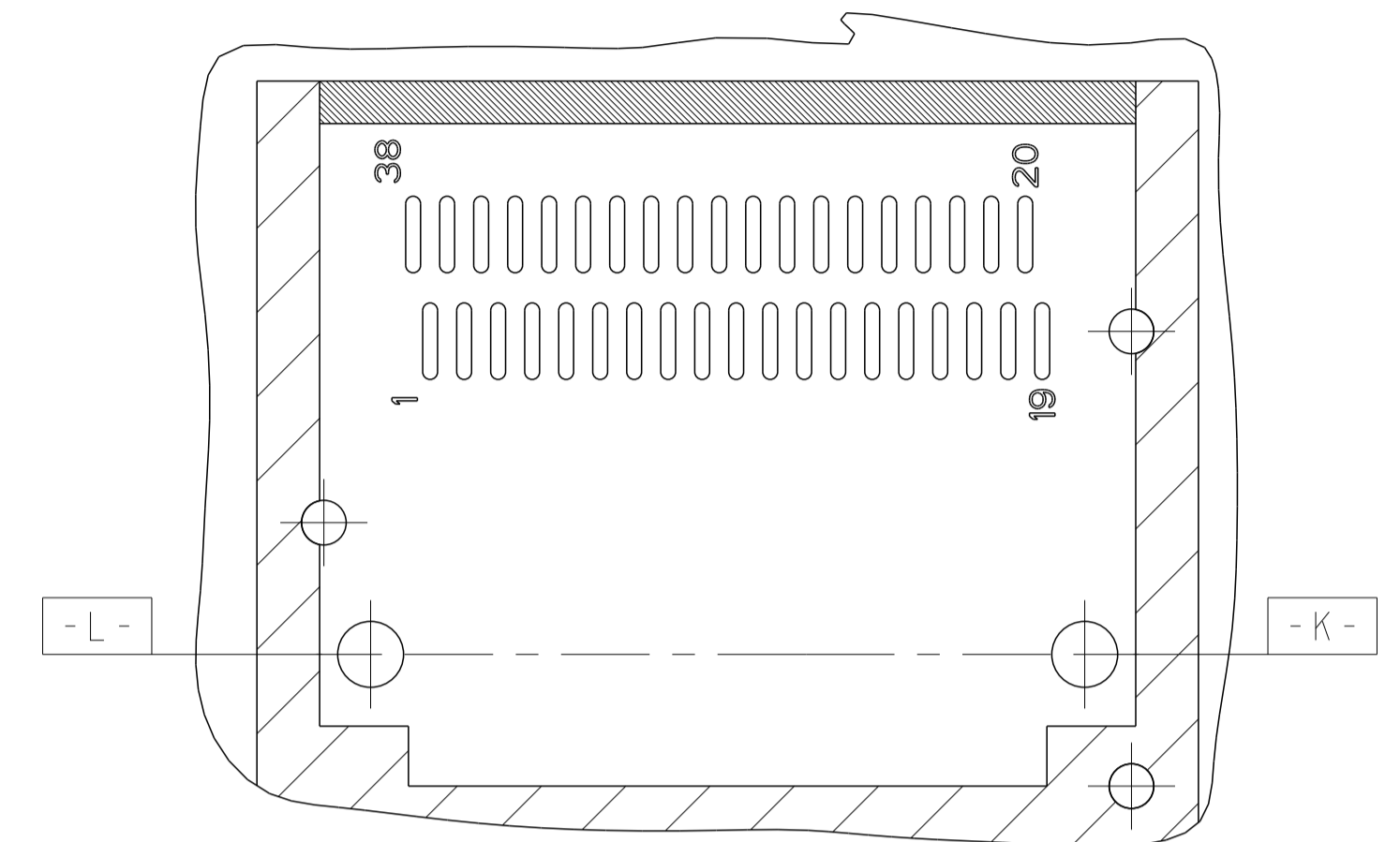
BELLY TO BELLY MOUNTING SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN: JASON YANG 07MAR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 26JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME: CAGE ASSEMBLY, QSPF28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
0 PLC	±0.25	PRODUCT SPEC	108-19428
1 PLC	±0.25	APPLICATION SPEC	114-32023
2 PLC	±0.25	SIZE	A1
3 PLC	±0.25	CAGE CODE	00779
4 PLC	±0.100	DRAWING NO	2170705
ANGLES	±°	RESTRICTED TO	-
MATERIAL	FINISH	WEIGHT	-
CUSTOMER DRAWING		SCALE	5:1
		SHEET	8 OF 10
		REV	D8

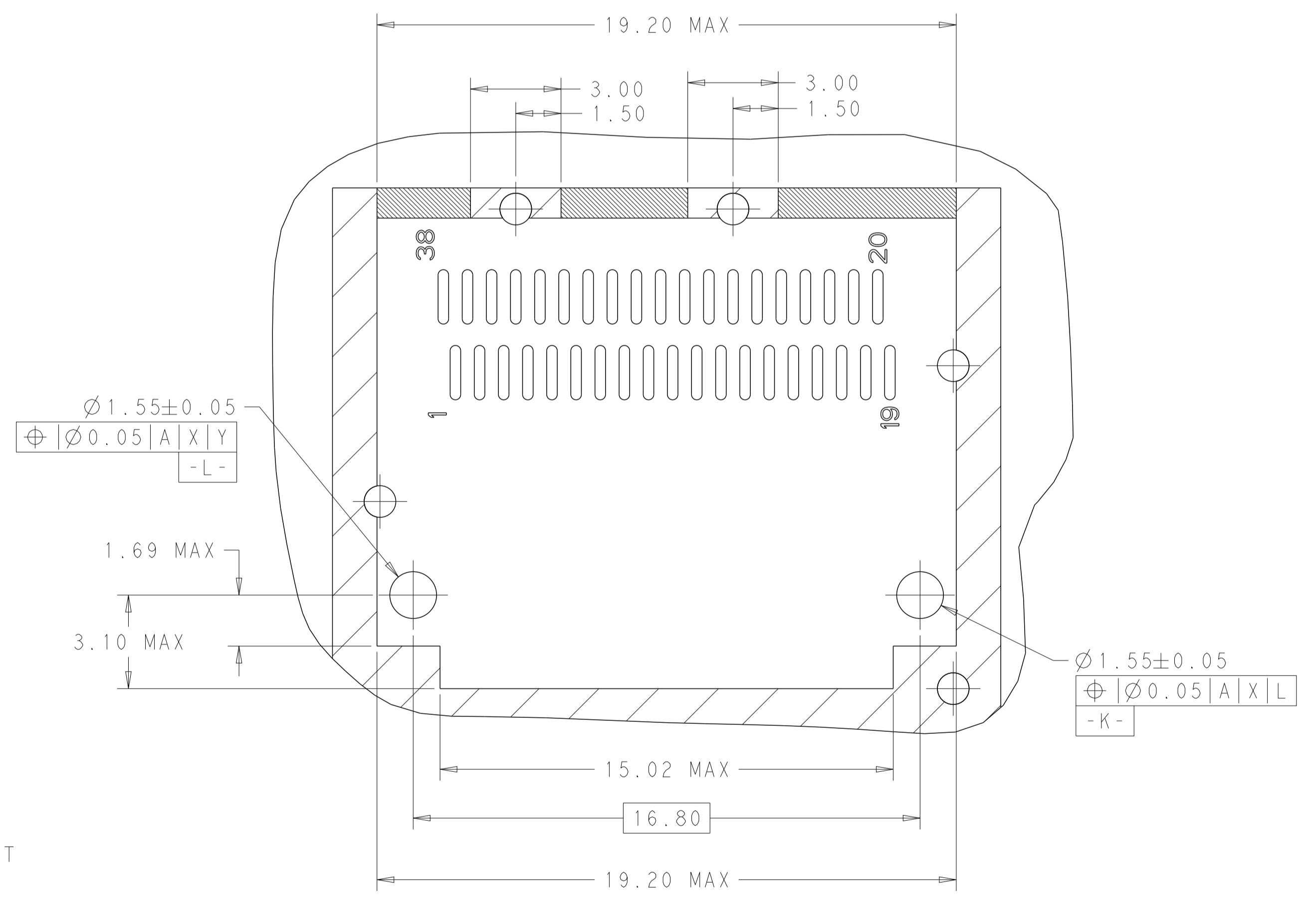
LOC	DIST	REV	DATE	BY	APPD
-	-	1	26 JAN 2016	SEAN HAN	



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

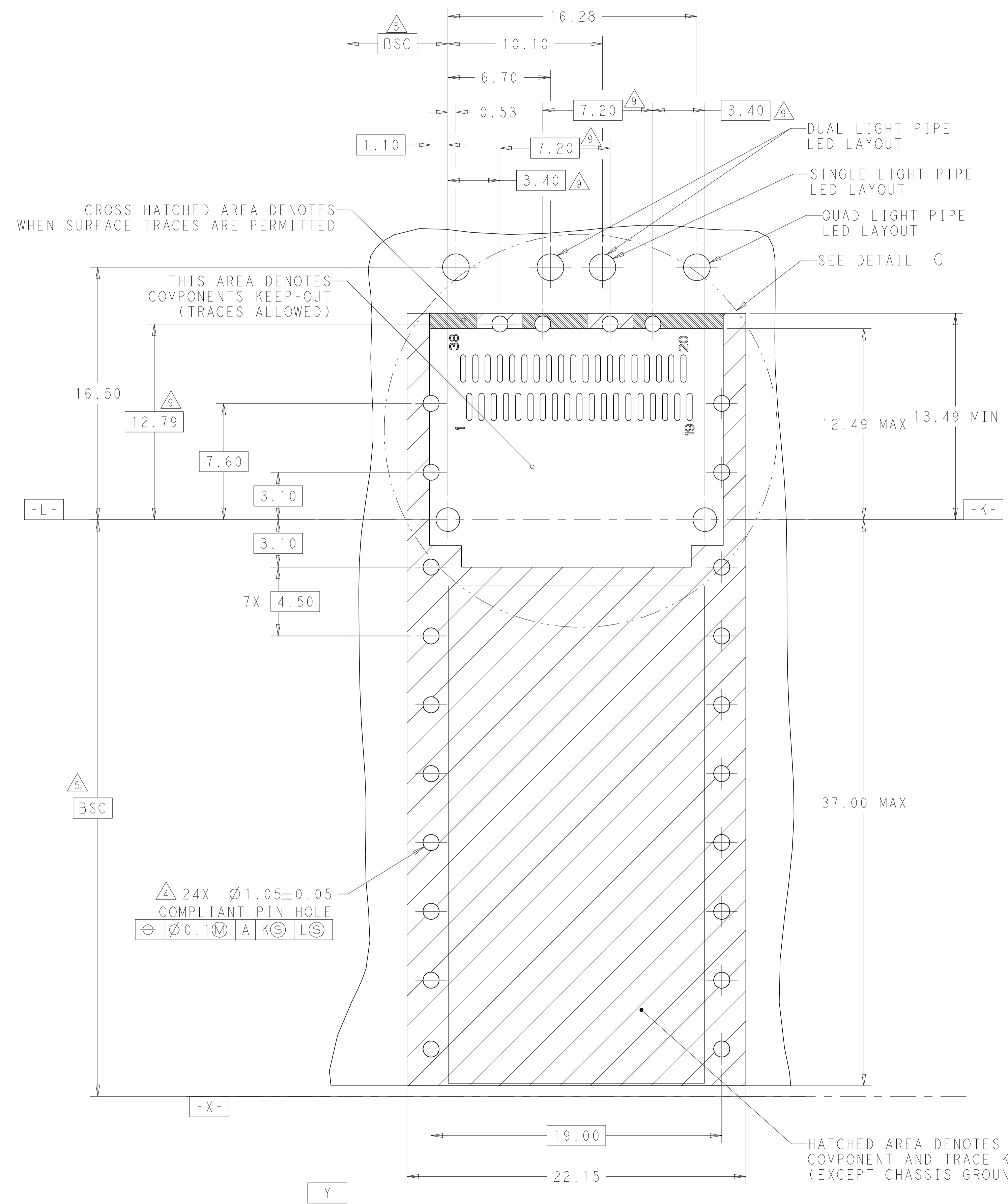
RECOMMENDED PCB LAYOUT  
SINGLE TYPE OF 2 REAR HOLES OF LEGS  
PCB TOLERANCE: ±0.05  
SCALE 6:1

12X Ø1.05±0.05  
COMPLIANT PIN HOLE  
Ø0.1 | M | A | K | S | L | S

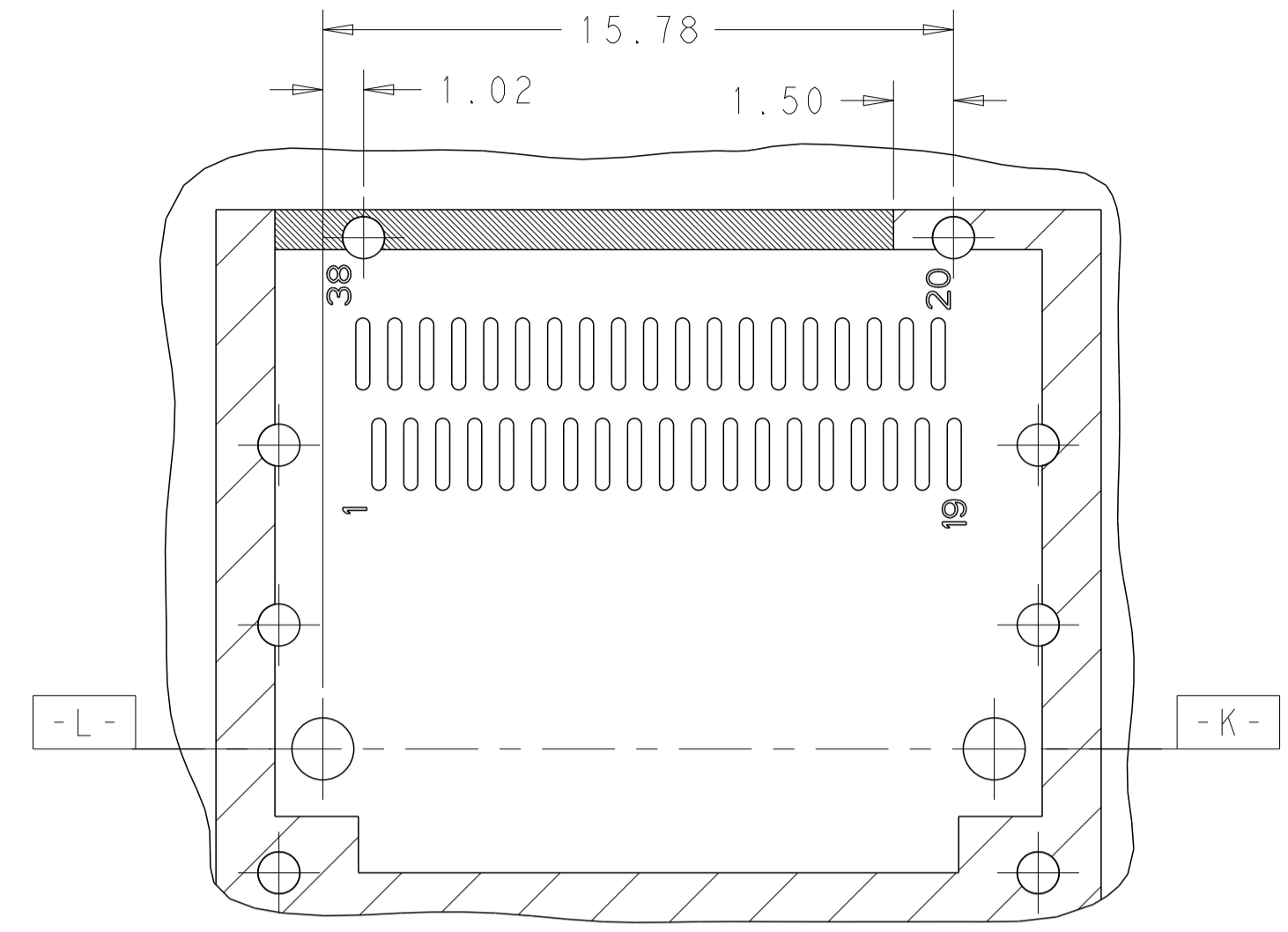
HATCHED AREA DENOTES  
COMPONENT AND TRACE KEEP-OUT  
(EXCEPT CHASSIS GROUND)

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: JASON YANG 07MAR2014	TE Connectivity
DIMENSIONS: mm		CHK: SEAN HAN 26JAN2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD:	NAME:
0 PLC ±0.25	1 PLC ±0.25	PRODUCT SPEC:	CAGE ASSEMBLY, QSPF28, THRU BEZEL
2 PLC ±0.20	3 PLC ±0.20	APPLICATION SPEC:	WITH EMI SPRING FINGER
4 PLC ±0.100	ANGLES ±°	SIZE: 114-32023	HEAT SINK, LIGHT PIPE
MATERIAL:	FINISH:	WEIGHT:	RESTRICTED TO:
		CUSTOMER DRAWING	A100779C=2170705
		SCALE: 5:1	SHEET 9 OF 10 REV D8

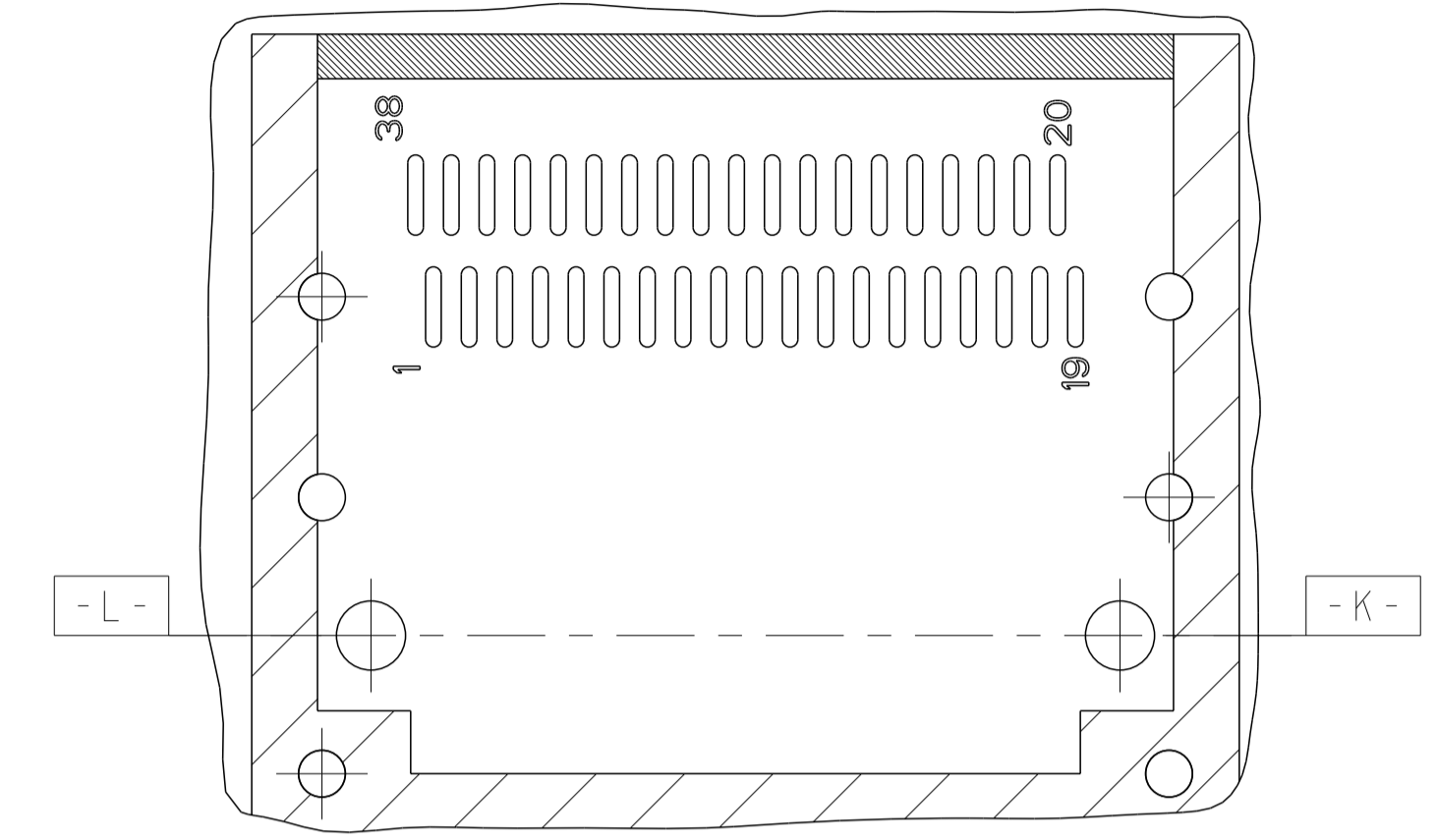
LOC	DIST	REV	DATE	BY	APPV
-	-	1	SEE SHEET 1	-	-



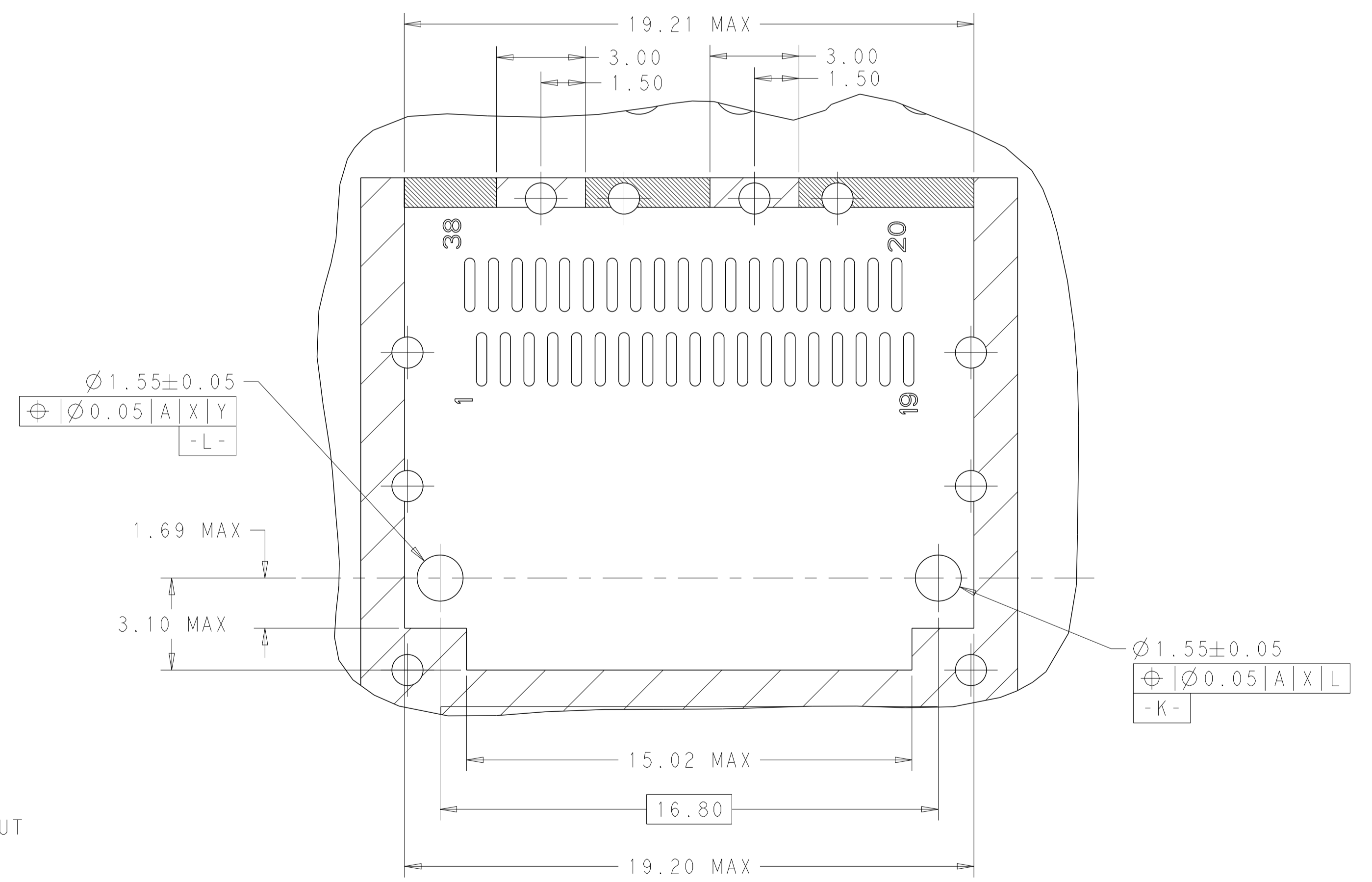
RECOMMENDED PCB LAYOUT  
 BELLY TO BELLY TYPE OF 2 REAR HOLES OF LEGS  
 PCB TOLERANCE: ±0.05  
 SCALE 6:1



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 07MAR2014 CHK: SEAN HAN 26JAN2016 APVD:	<b>STE</b> TE Connectivity
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 ±°	NAME: CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE PRODUCT SPEC: 108-19428 APPLICATION SPEC: 114-32023	SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=2170705 RESTRICTED TO:
MATERIAL:	FINISH:	WEIGHT:	CUSTOMER DRAWING SCALE: 5:1 SHEET 10 OF 10 REV D8