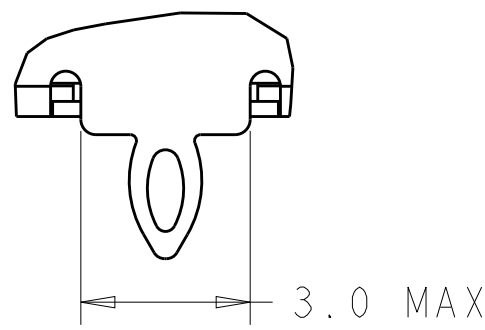
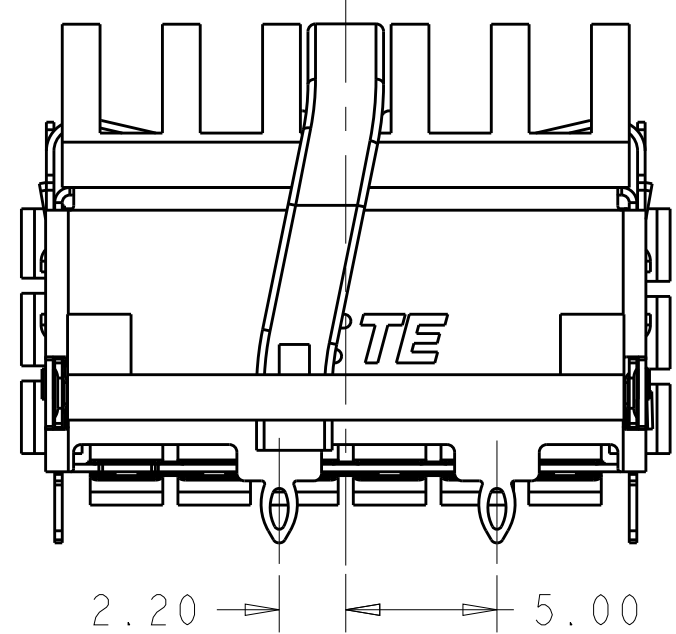
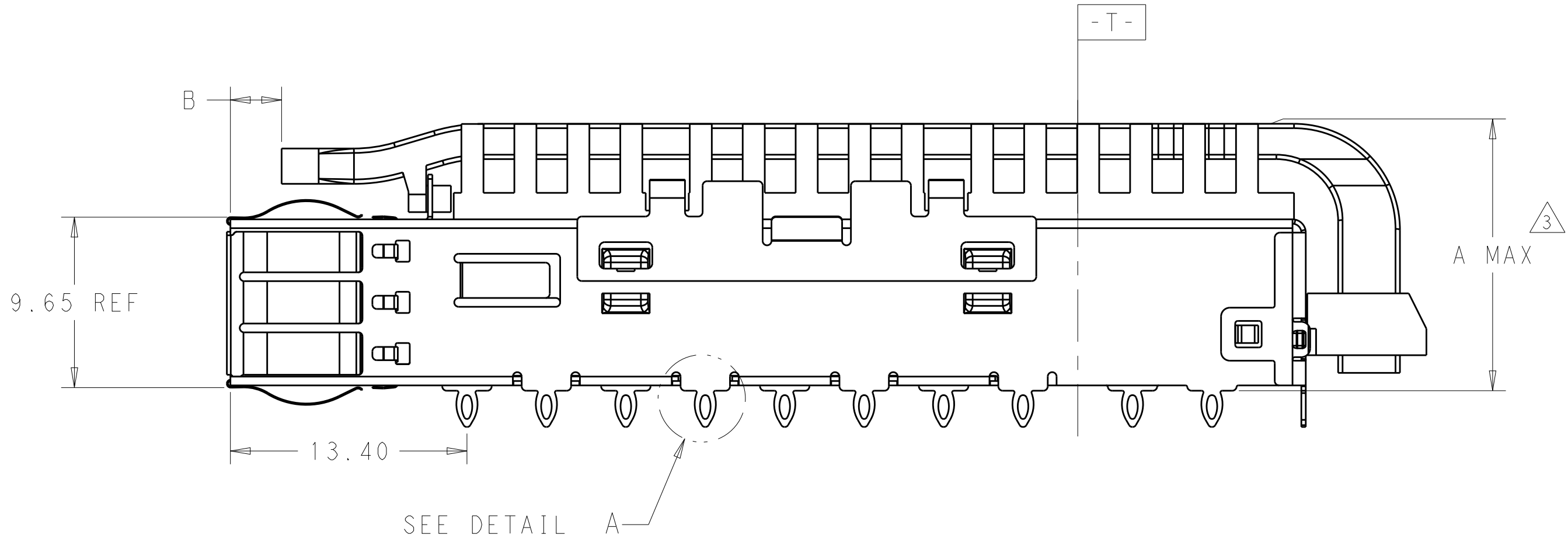
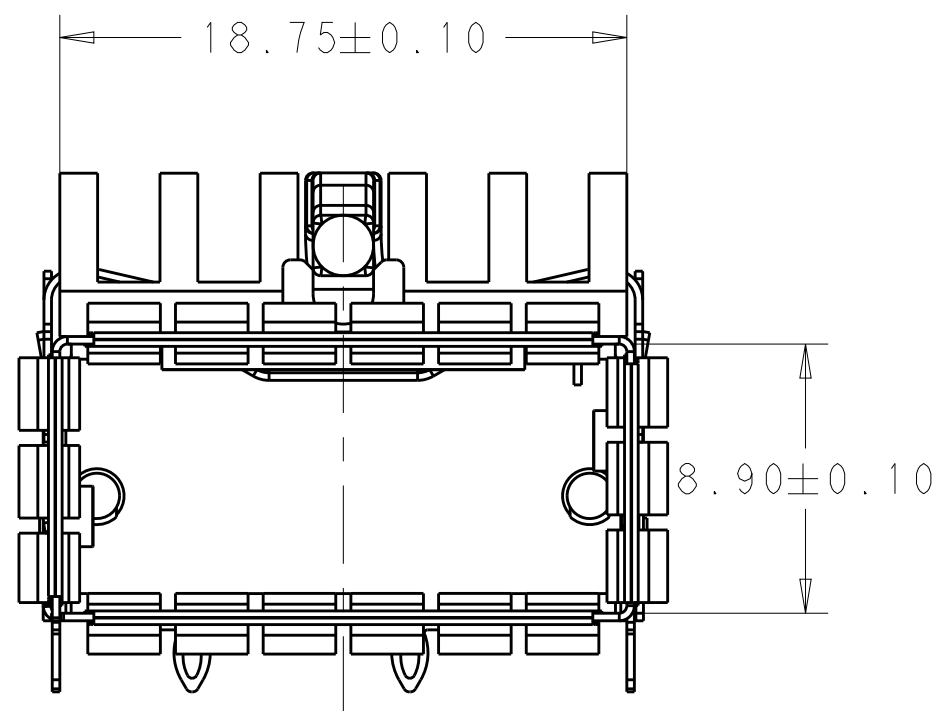
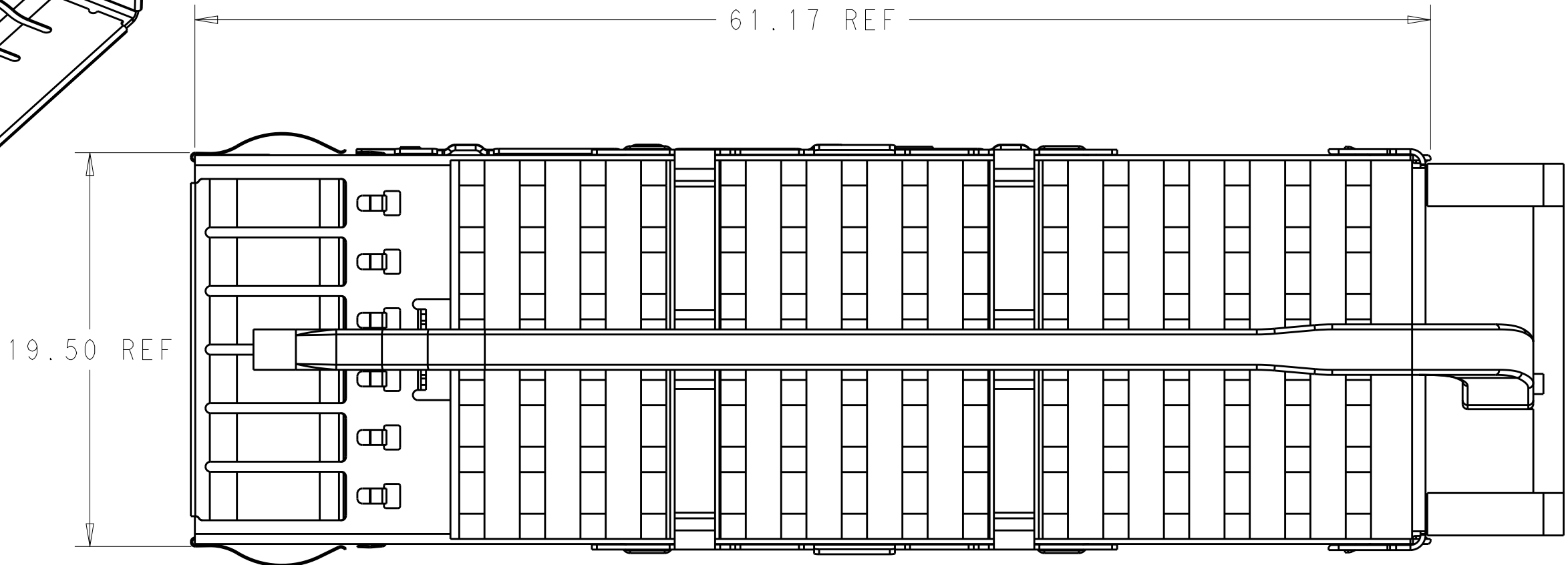
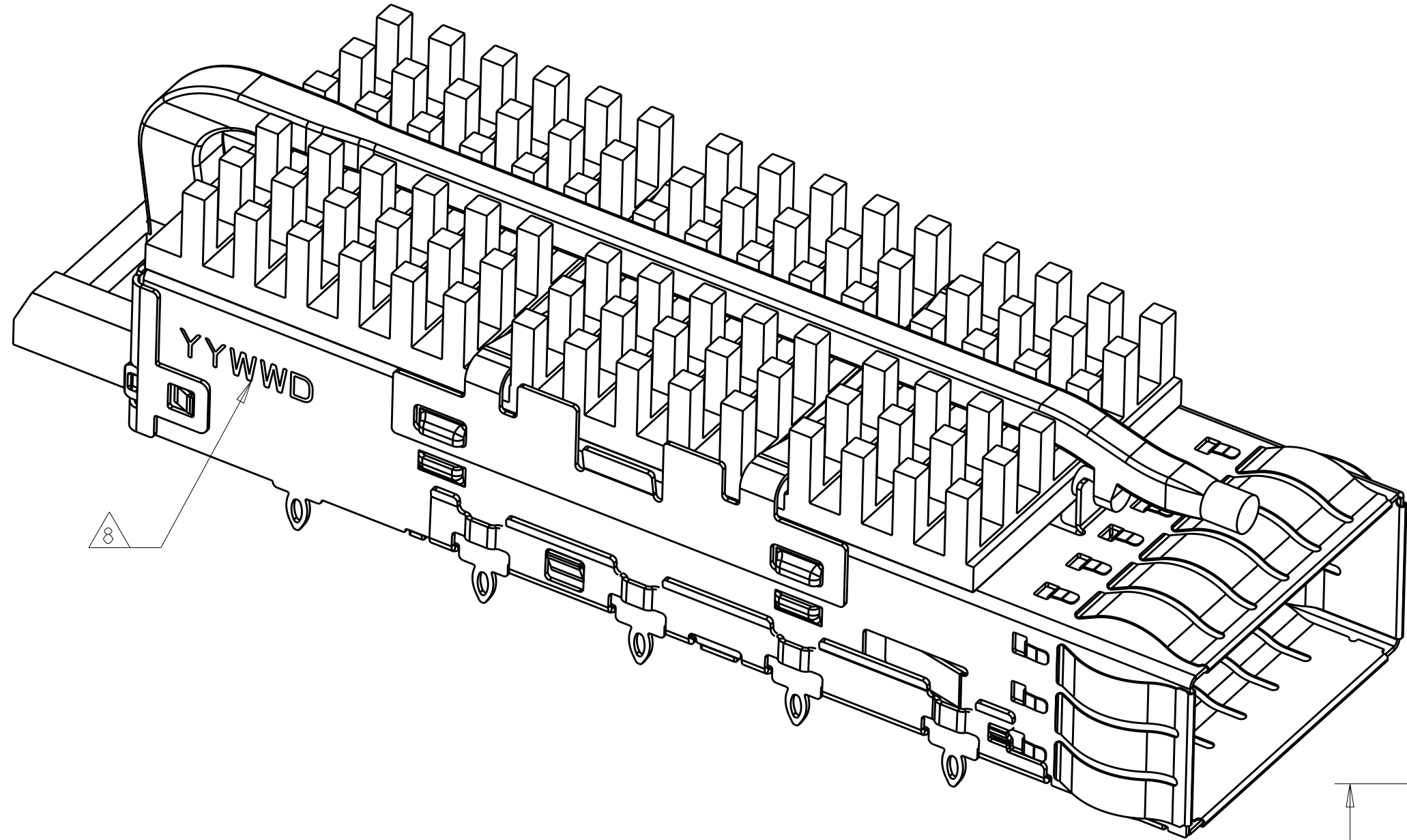
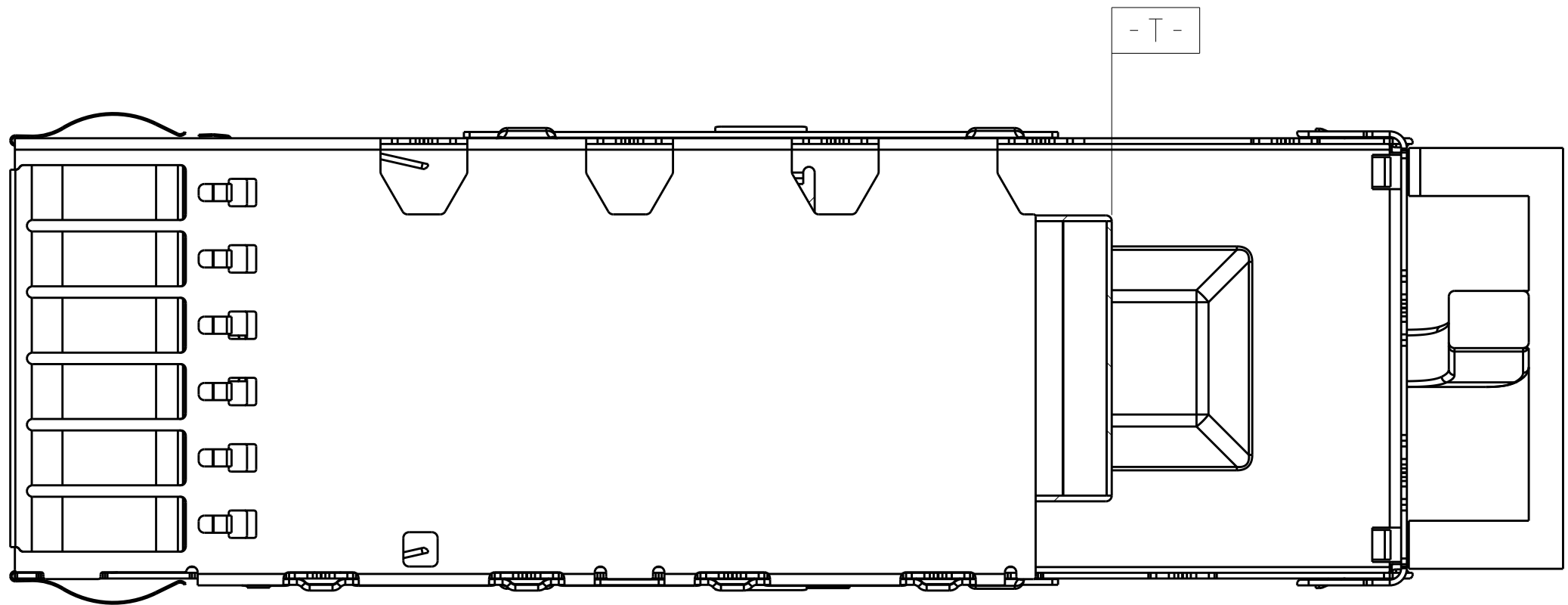


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			1	PRELIMINARY	14OCT2013	JY	-
			2	UPDATE MIN PITCH IN BEZEL	25JUN2014	JY	-
			3	ADD NEW PN	26FEB2015	JY	SH



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 MATERIAL: POLYCARBONATE WITH 94 V-0
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-***** 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 (YYWWDD) MARKED APPROXIMATELY AS SHOWN
9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

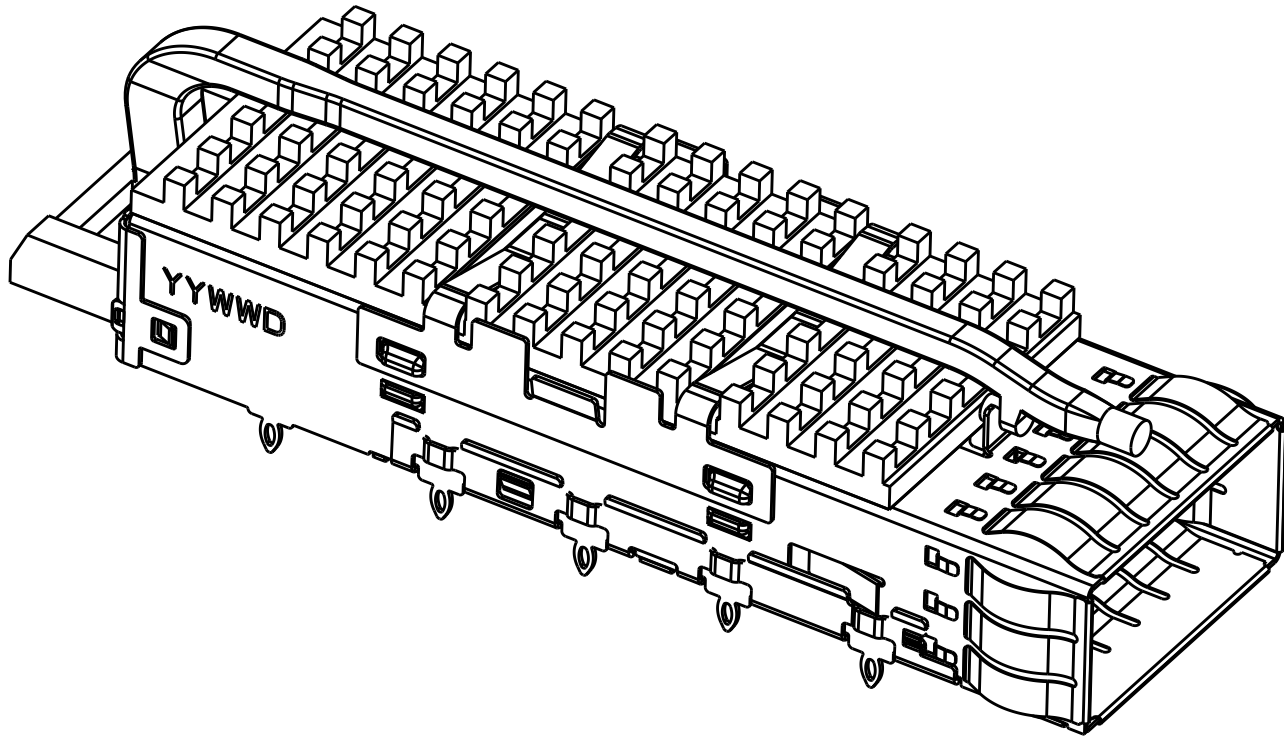
DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

2170705-2 AS SHOWN

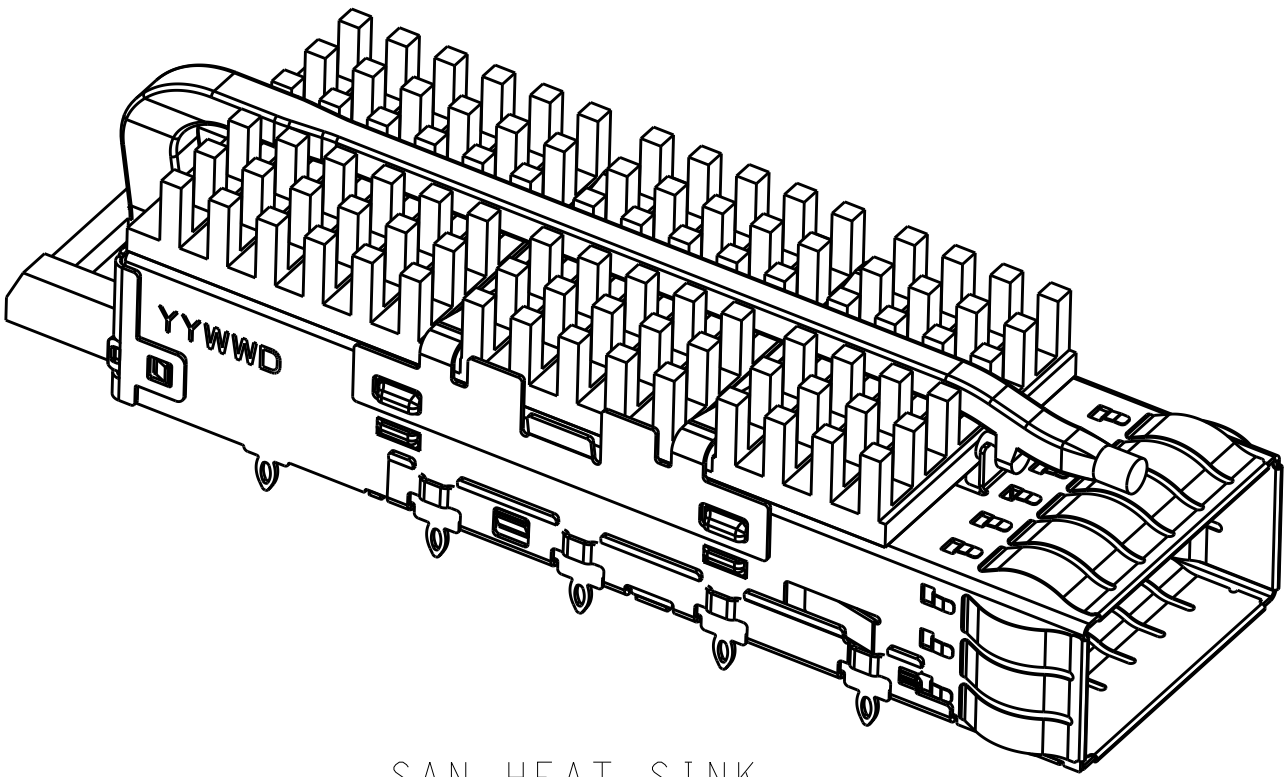
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN	JASON YANG	07MAR2014	 TE Connectivity				
		CHK	-	07MAR2014					
		APVD	-	07MAR2014					
		NAME	-	-					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC	CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE			
mm					APPLICATION SPEC				
		0 PLC	±0.25			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		1 PLC	±0.25			A1	00779	2170705	-
		2 PLC	±0.20			Customer Drawing			
		3 PLC	±0.100						
		4 PLC	±			SCALE	4:1	SHEET	1 OF 7
		ANGLES						REV	3
MATERIAL		FINISH	-						
-		-	-						

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

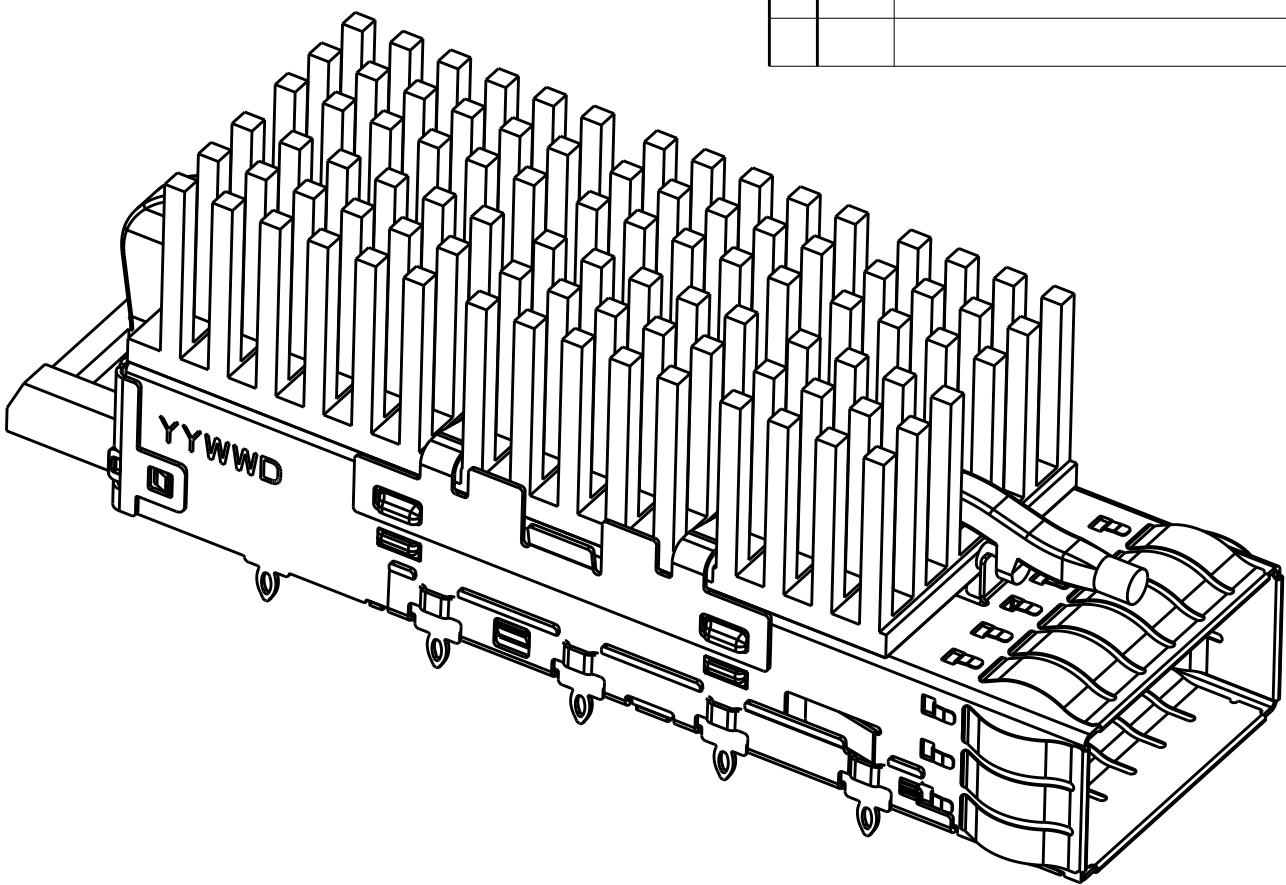
HEAT SINK OPTIONS



PCI HEAT SINK
SCALE 5:2

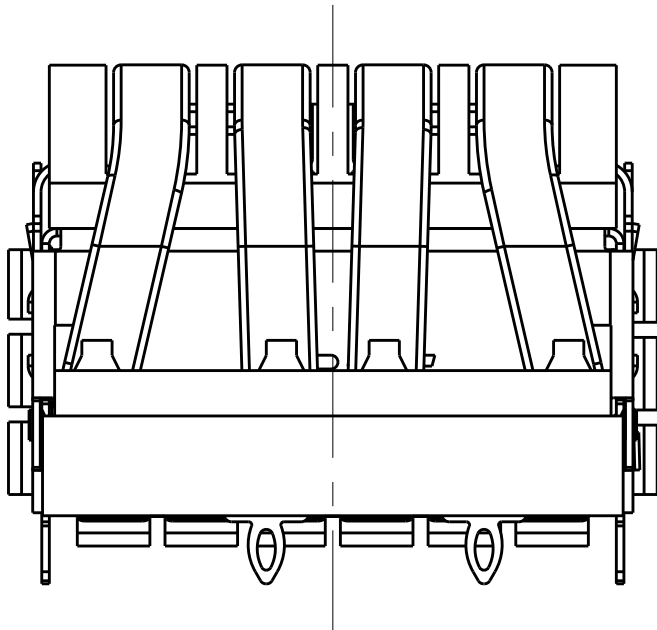


SAN HEAT SINK
SCALE 5:2

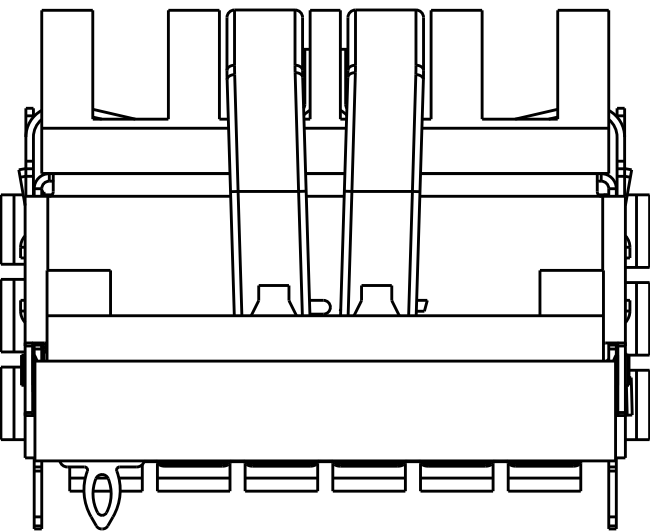


NETWORKING HEAT SINK
SCALE 5:2

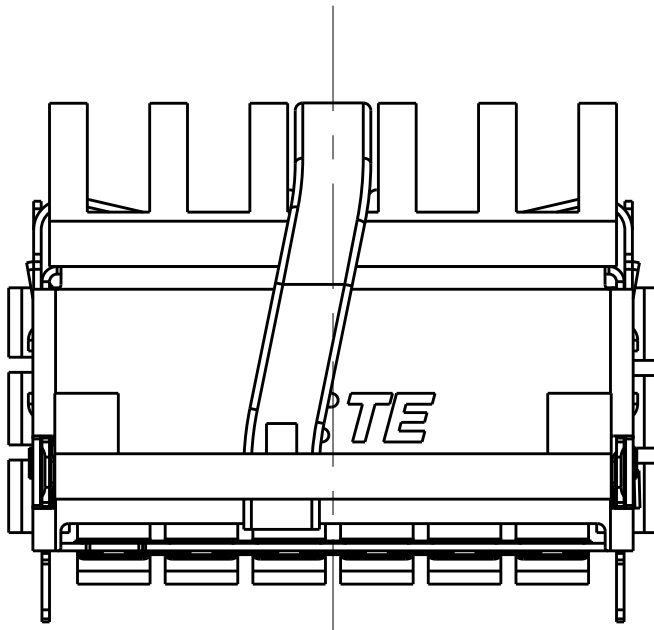
OF REAR LEGS OPTIONS



2 REAR LEGS
SCALE 4:1

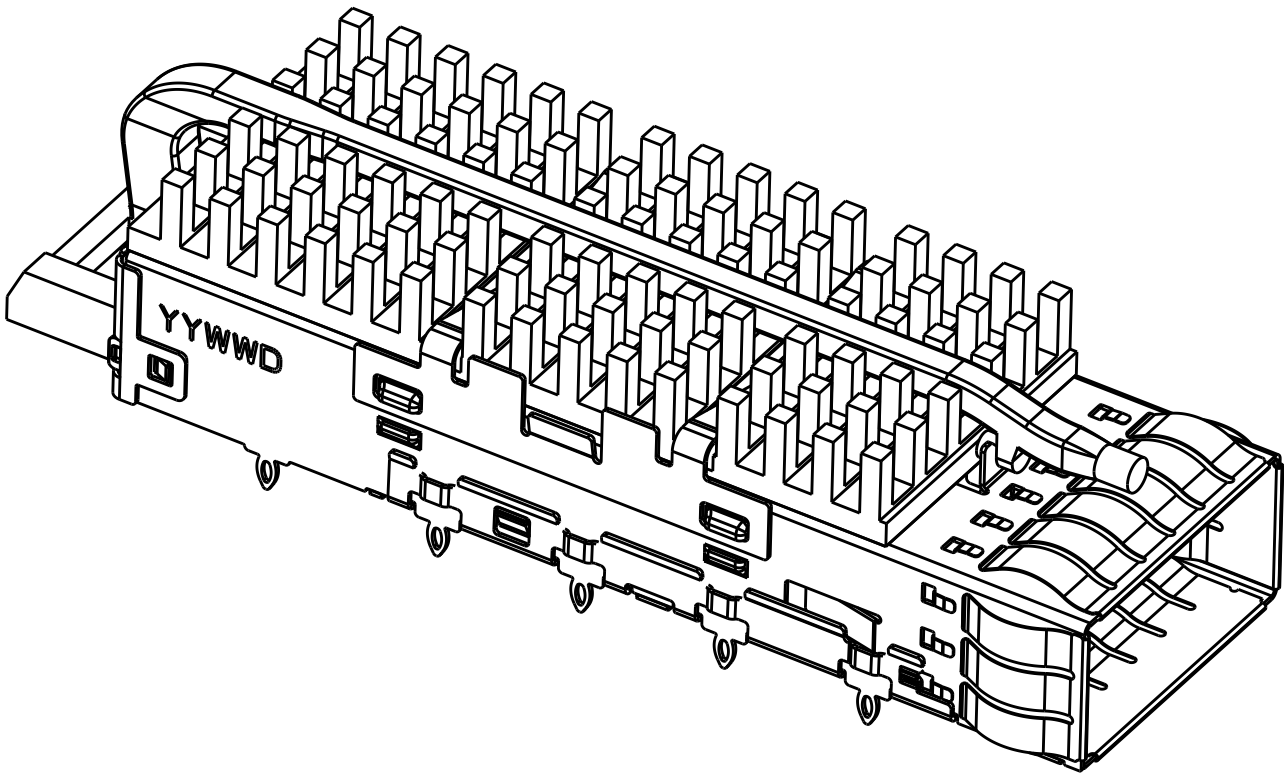


1 REAR LEG
SCALE 4:1

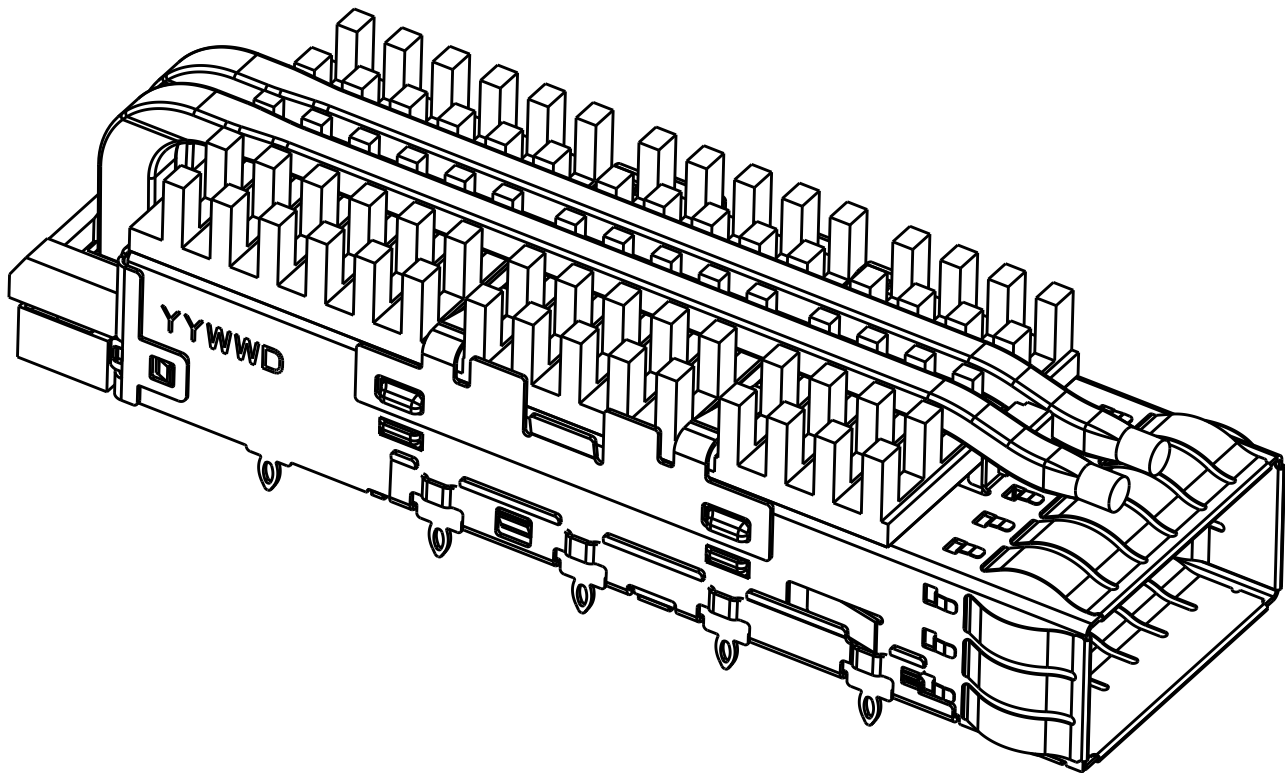


0 REAR LEG
SCALE 4:1

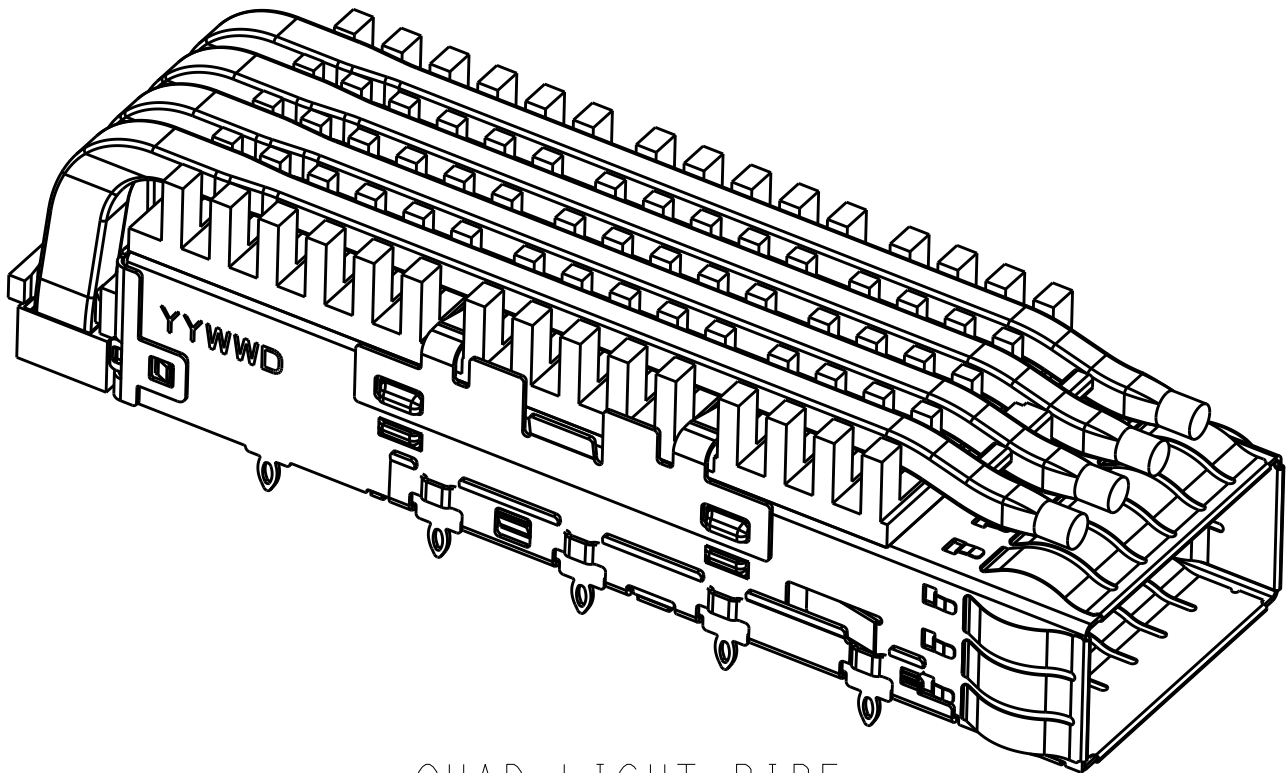
LIGHT PIPE OPTIONS



SINGLE LIGHT PIPE
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		NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE		
DIMENSIONS: mm		CHK 07MAR2014					
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 07MAR2014	SIZE A100779CAGE CODE: 2170705	RESTRICTED TO -	
		0 PLC ±0.25		PRODUCT SPEC -			
		1 PLC ±0.25		APPLICATION SPEC -			
		2 PLC ±0.20		WEIGHT -			
		3 PLC ±0.100		Customer Drawing			
4 PLC ±		ANGLES		SCALE 4:1		SHEET 2 OF 7	REV 3
FINISH							
MATERIAL							
-		-					

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

BOM

3.4	1	23.0	NETWORKING	QUAD	5-2170705-9
2.9	1	23.0	NETWORKING	QUAD	4-2170705-9
	1	16.0	SAN	QUAD	4-2170705-8
	1	13.7	PCI	QUAD	4-2170705-7
	0	23.0	NETWORKING	QUAD	4-2170705-6
	0	16.0	SAN	QUAD	4-2170705-5
	0	13.7	PCI	QUAD	4-2170705-4
	2	23.0	NETWORKING	QUAD	4-2170705-3
	2	16.0	SAN	QUAD	4-2170705-2
	2	13.7	PCI	QUAD	4-2170705-1
	1	23.0	NETWORKING	DUAL	2-2170705-9
	1	16.0	SAN	DUAL	2-2170705-8
	1	13.7	PCI	DUAL	2-2170705-7
	0	23.0	NETWORKING	DUAL	2-2170705-6
	0	16.0	SAN	DUAL	2-2170705-5
	0	13.7	PCI	DUAL	2-2170705-4
	2	23.0	NETWORKING	DUAL	2-2170705-3
	2	16.0	SAN	DUAL	2-2170705-2
	2	13.7	PCI	DUAL	2-2170705-1
	1	23.0	NETWORKING	SINGLE	2170705-9
	1	16.0	SAN	SINGLE	2170705-8
	1	13.7	PCI	SINGLE	2170705-7
	0	23.0	NETWORKING	SINGLE	2170705-6
	0	16.0	SAN	SINGLE	2170705-5
	0	13.7	PCI	SINGLE	2170705-4
	2	23.0	NETWORKING	SINGLE	2170705-3
	2	16.0	SAN	SINGLE	2170705-2
	2	13.7	PCI	SINGLE	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
CHK - 07MAR2014
APVD - 07MAR2014

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.25
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±0.100
4 PLC ±
ANGLES ±
FINISH -

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

Customer Drawing

NAME CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE

SIZE A100779C=2170705

RESTRICTED TO -

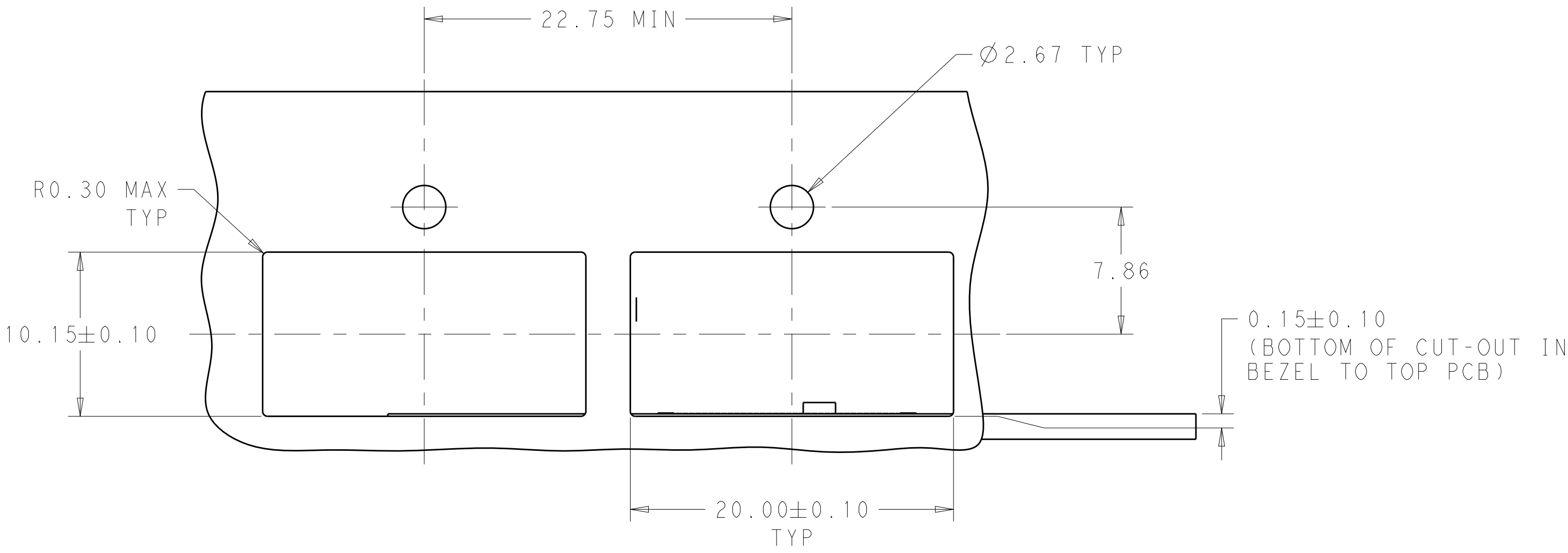
SCALE 4:1

SHEET 3 OF 7

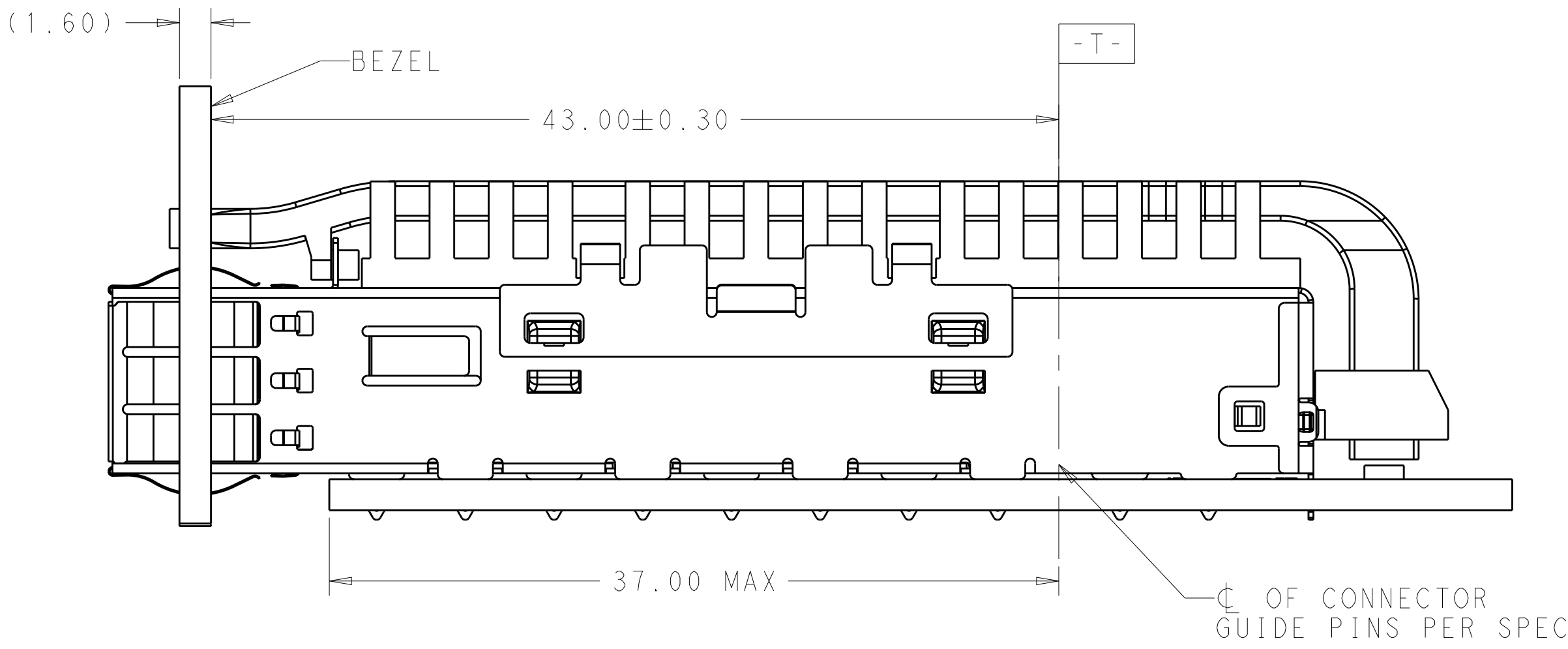
REV 3

TE Connectivity

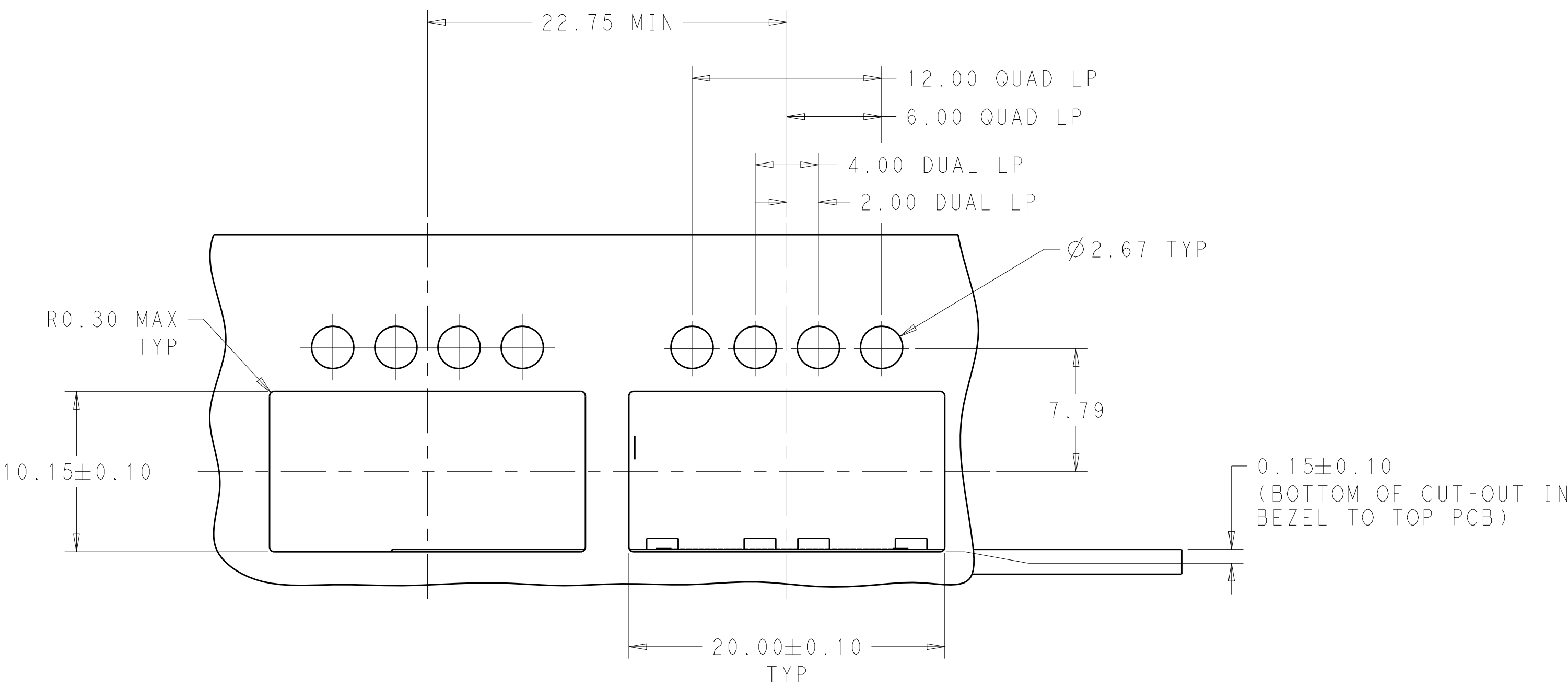
LOC		DIST		P		LTR		REVISIONS		DATE		DWN		APVD	
-		-		-		-		DESCRIPTION		-		-		-	
-		-		-		-		SEE SHEET 1		-		-		-	



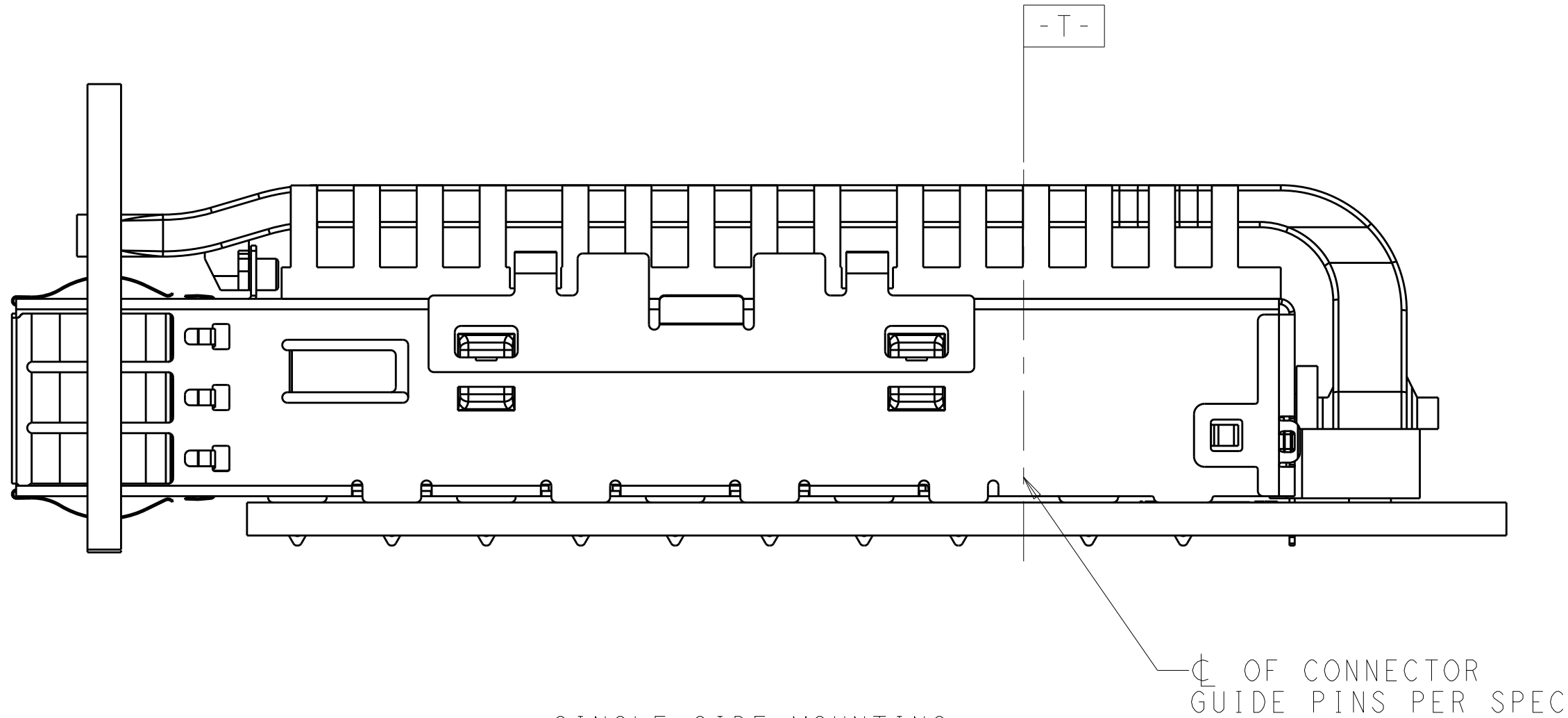
SINGLE LIGHT PIPE TYPE



SINGLE SIDE MOUNTING
SCALE 4:1

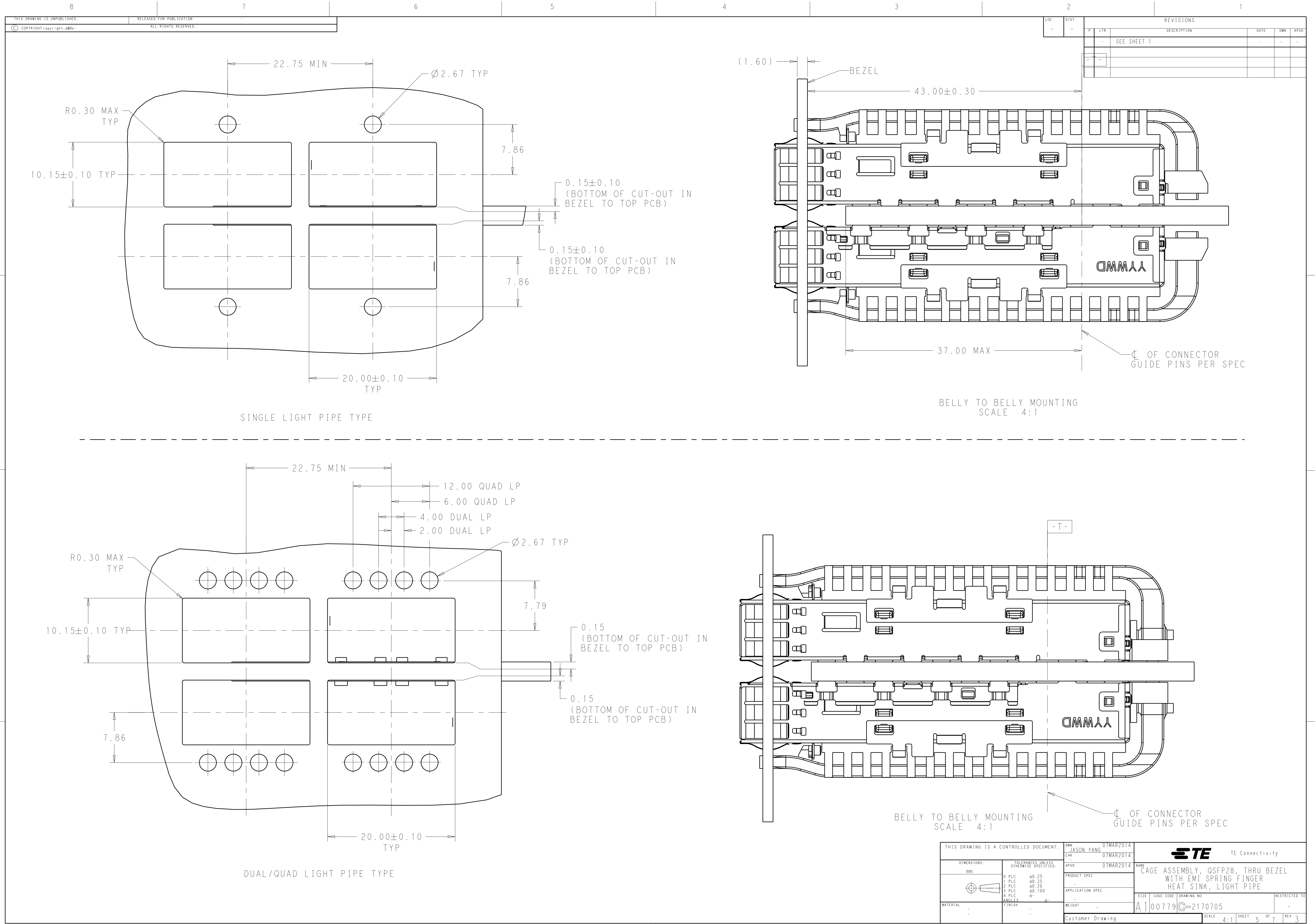


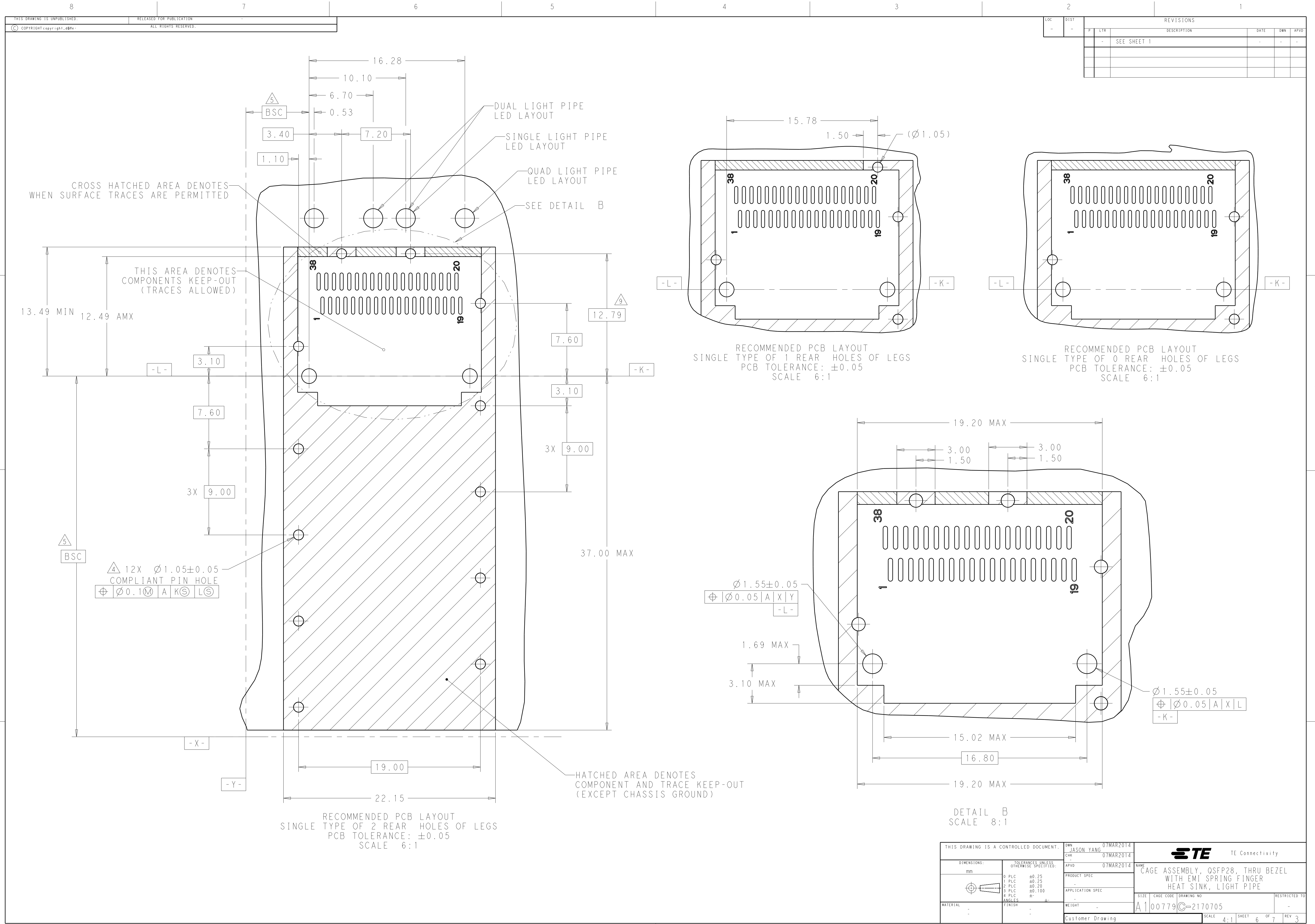
DUAL/QUAD LIGHT PIPE TYPE

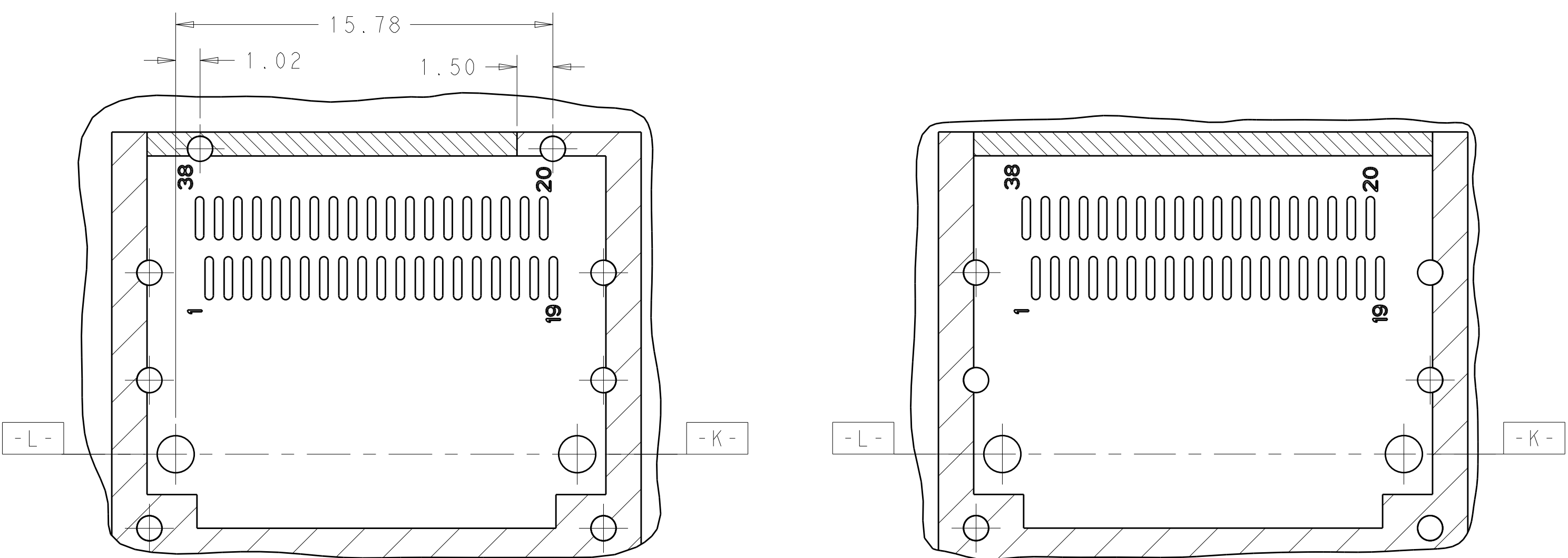


SINGLE SIDE MOUNTING
SCALE 4:1

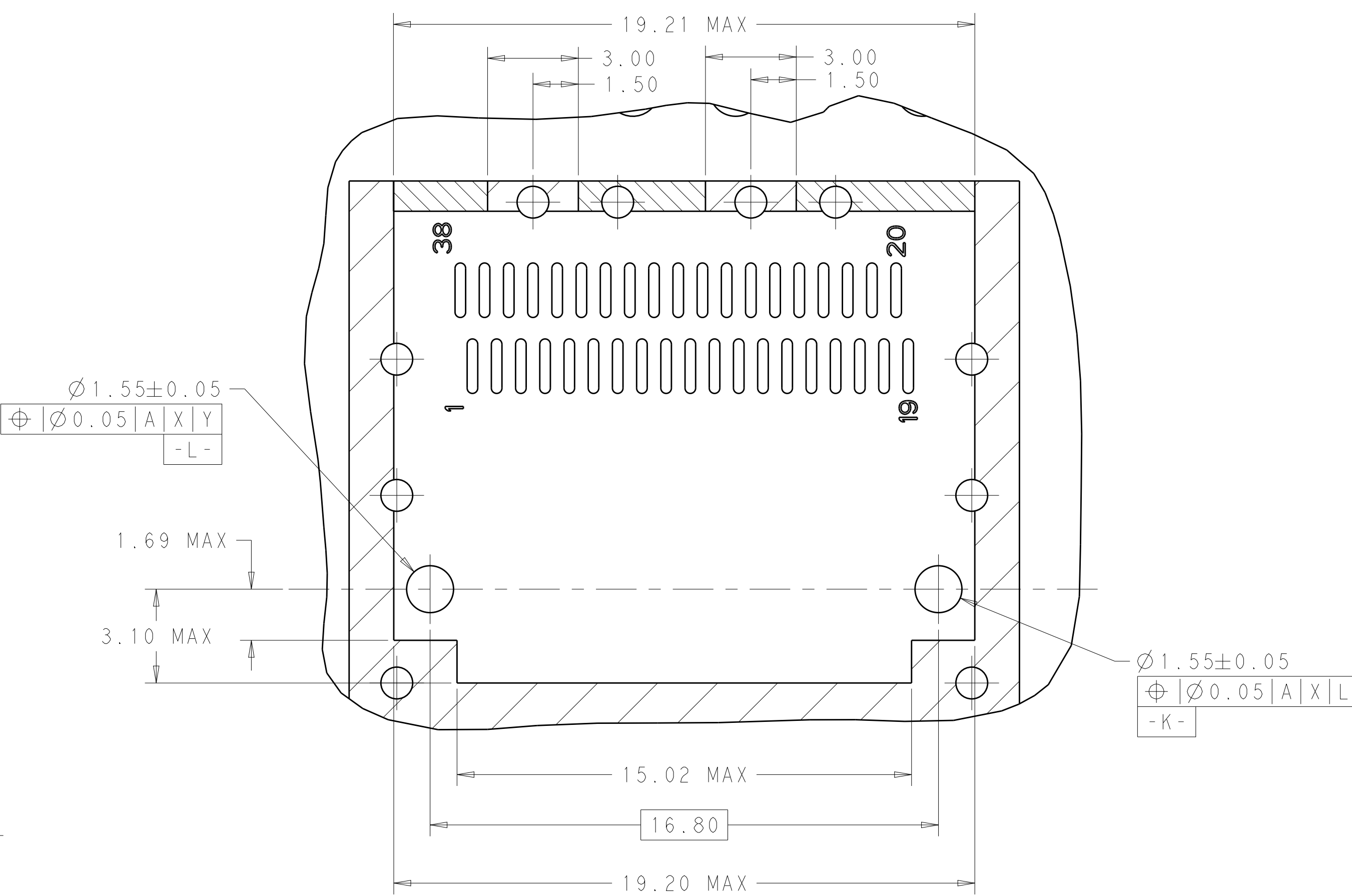
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JASON YANG	07MAR2014	TE Connectivity
		CHK	JASON YANG	07MAR2014	
DIMENSIONS:		APVD	JASON YANG	07MAR2014	NAME CAGE ASSEMBLY, QSPF28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC		±0.25	APPLICATION SPEC
		1 PLC		±0.25	
MATERIAL		2 PLC		±0.20	WEIGHT
		3 PLC		±0.100	
		4 PLC		±	Customer Drawing
		FINISH		-	
		ANGLES		-	SIZE
				-	
				-	CAGE CODE
				-	
				-	DRAWING NO
				-	
				-	RESTRICTED TO
				-	
				-	SCALE
				-	
				-	SHEET
				-	
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				-	REV
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				-	



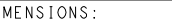




RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE OF 0 REAR HOLES OF LEGS
PCB TOLERANCE: ± 0.05
SCALE 6:1



DETAIL C
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG	07MAR2014					TE Connectivity	
		CHK	07MAR2014						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	07MAR2014	NAME			
mm				PRODUCT SPEC		CAGE ASSEMBLY, QSFP28, THRU BEZEL WITH EMI SPRING FINGER HEAT SINK, LIGHT PIPE			
		0.150 ±0.25 0.250 ±0.25 0.200 ±0.20 0.100 ±0.100 3° 4°		APPLICATION SPEC		SIZE		CASE CODE	DRAWING NO
MATERIAL		FINISH	-	WEIGHT		A100779		C-2170705	RESTRICTED TO
-		-	-	-		SCALE		4:1	SHEET 7 OF 7 REV 3
				Customer Drawing					