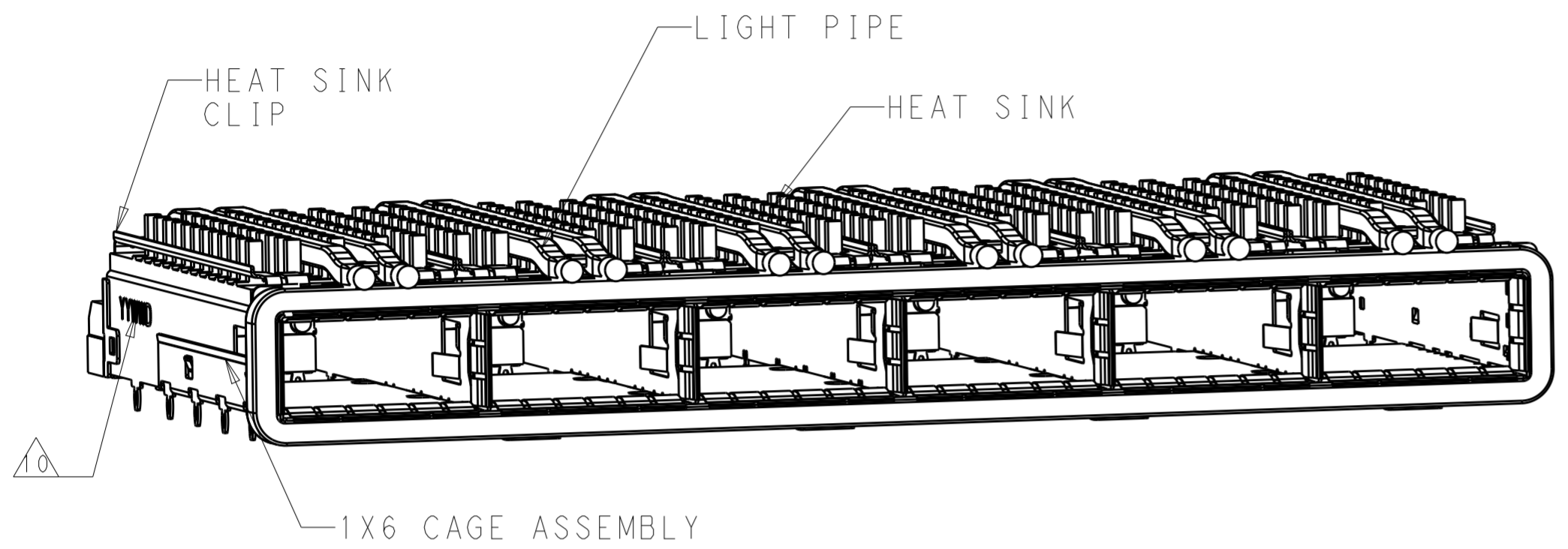


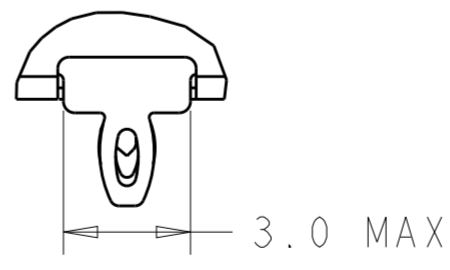
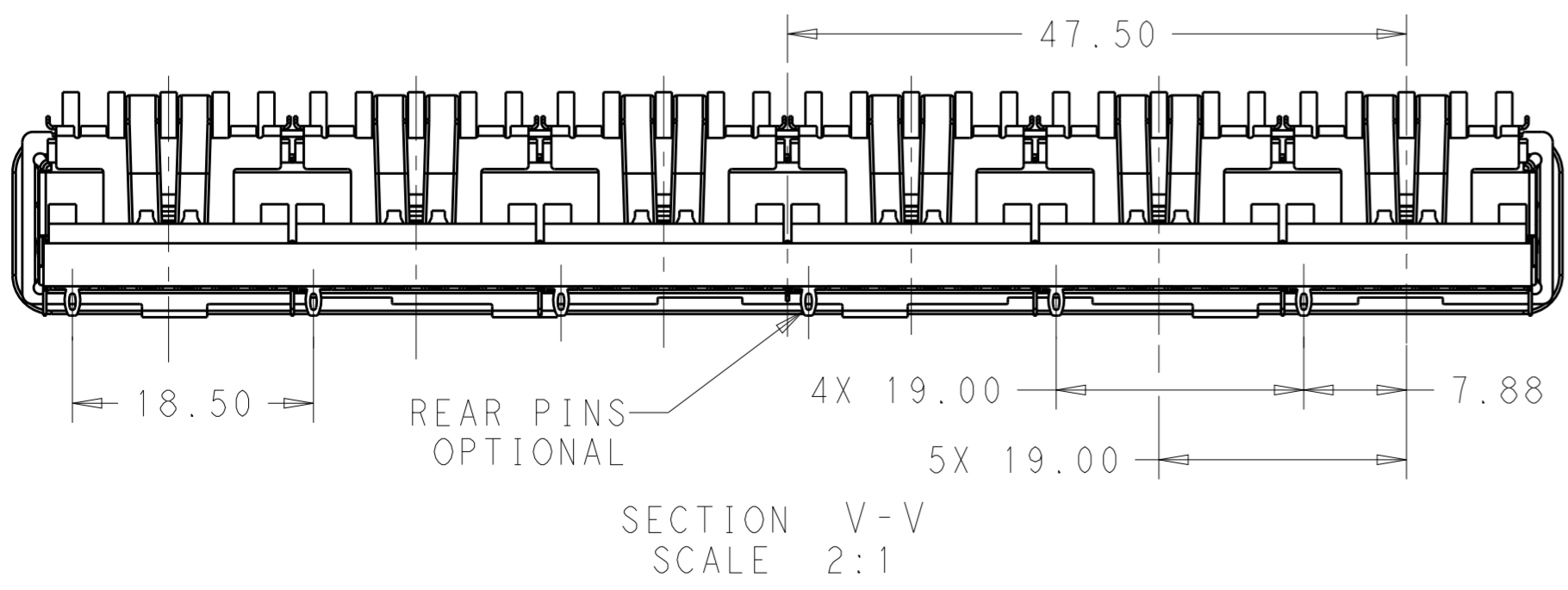
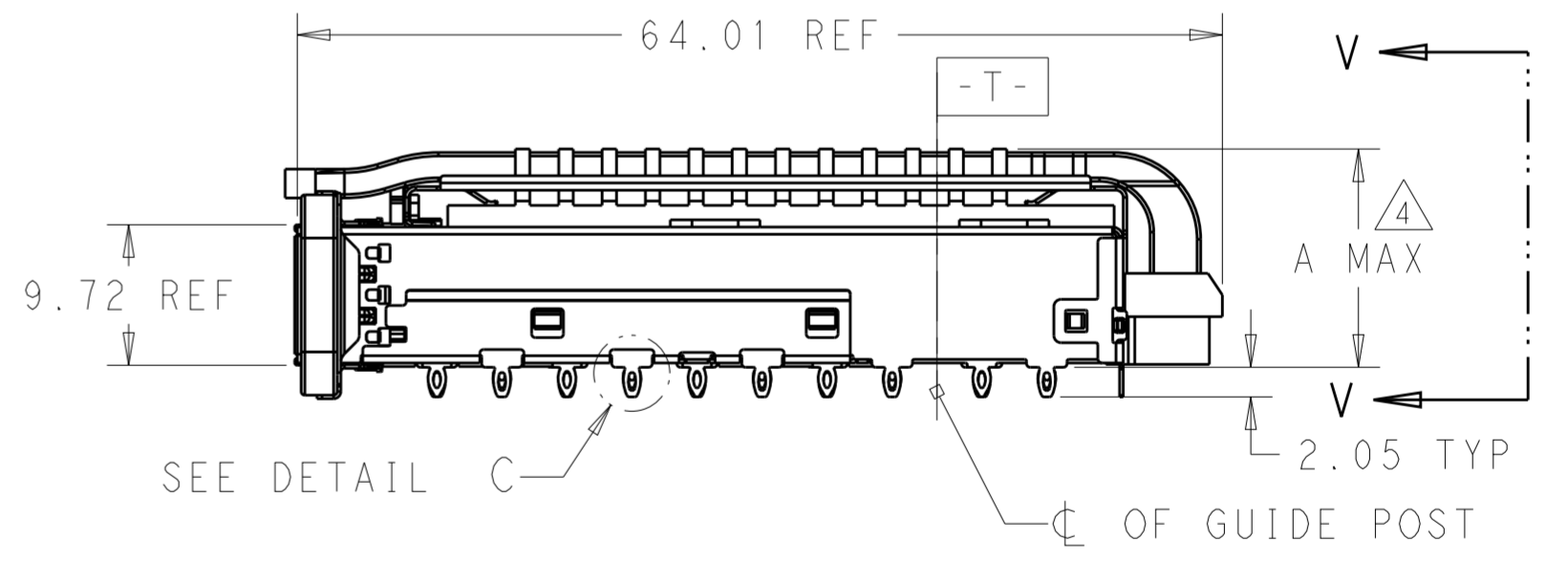
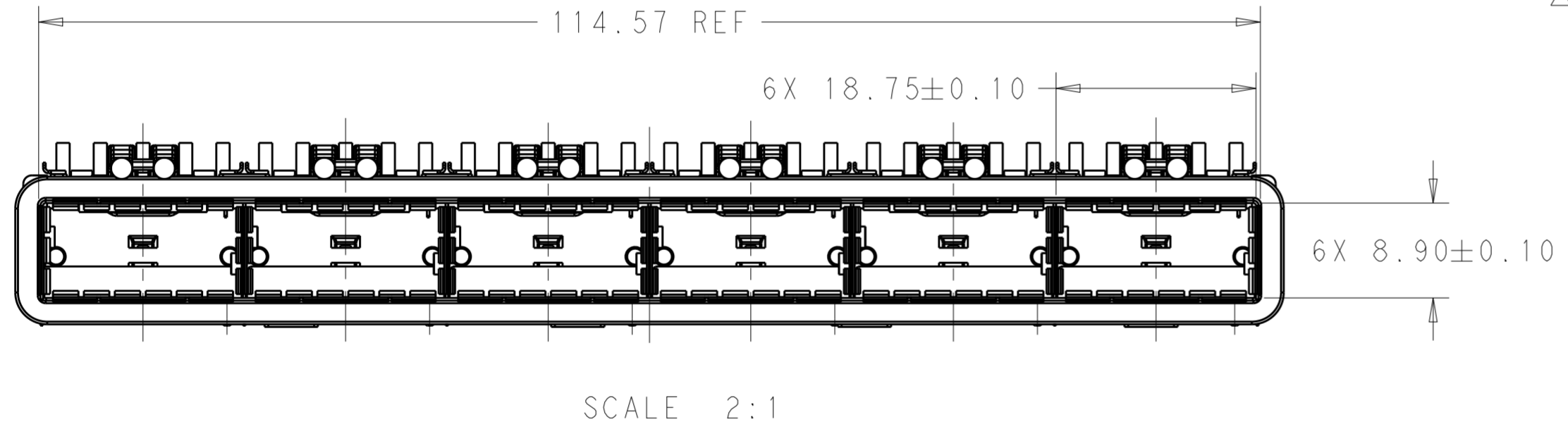
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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
1		PRELIMINARY	24OCT2013	JY

# 2-2170724-2 AS SHOWN



- COMPONENTS  
 CAGE ASSEMBLY: NICKEL-SILVER ALLOY  
 HEAT SINK: ALUMINUM/BLACK ANODIZE  
 HEAT SINK CLIP: STAINLESS STEEL  
 EMI SPRING: COPPER ALLOY/NICKEL PLATE  
 LIGHT PIPE: CLEAR POLYCARBONATE WITH 94 V-0  
 EMI GASKET: PLATED FILLED SILICONE WITH 94 V-0
- REFERENCE APPLICATION SPECIFICATION 114-\*\*\*\*\* FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
- DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
- HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE
- MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN  
 DOUBLE SIDED: 3.00 MIN
- DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
- NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.



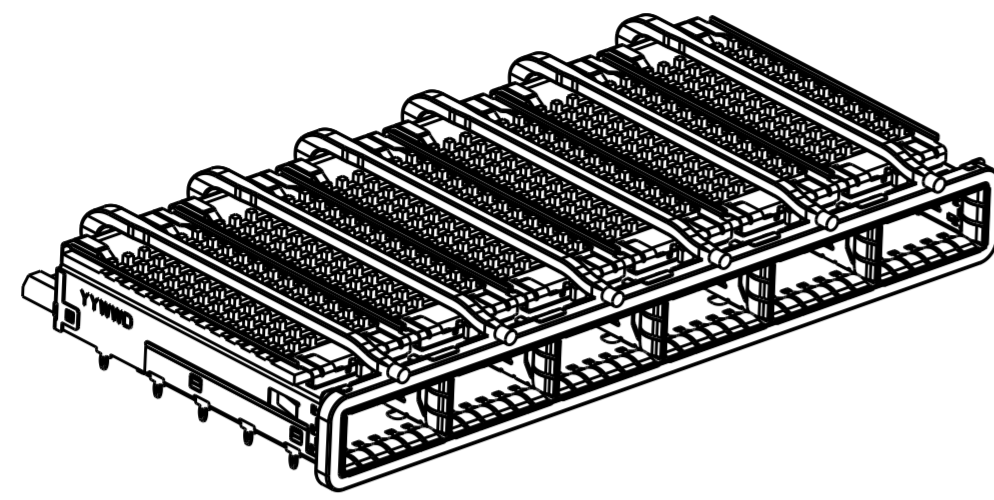
DETAIL C  
 SCALE 6:1

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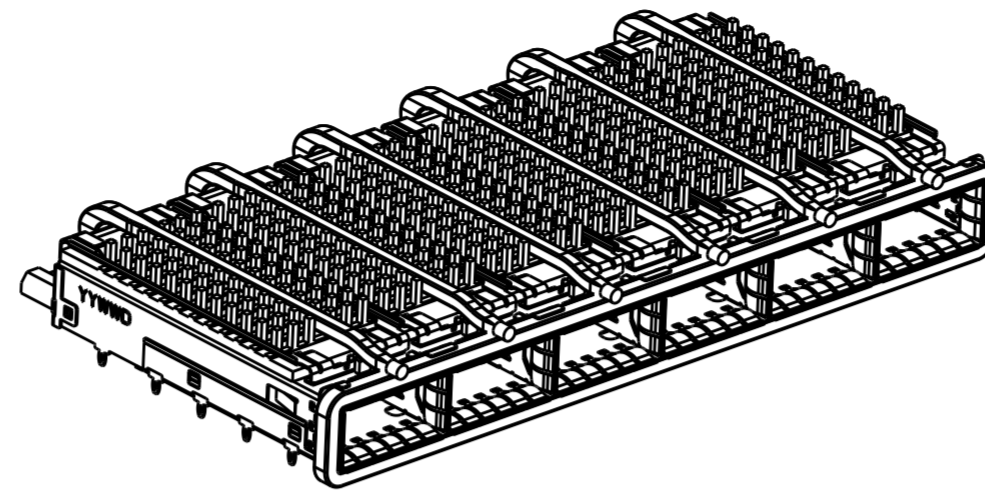
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DIMENSIONS: mm		CHK	APVD		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, GASKET	
0 PLC ±		APPLICATION SPEC		SIZE	CAGE CODE
1 PLC ±0.25		WEIGHT		A200779	C-2170724
2 PLC ±0.2		Customer Drawing		SCALE	SHEET
3 PLC ±		SCALE 3:1		1	9
4 PLC ±		SHEET 1 OF 9		REV	1
ANGLES ±					
FINISH					
MATERIAL SEE NOTES					
SEE NOTES					

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-		SEE SHEET 1			

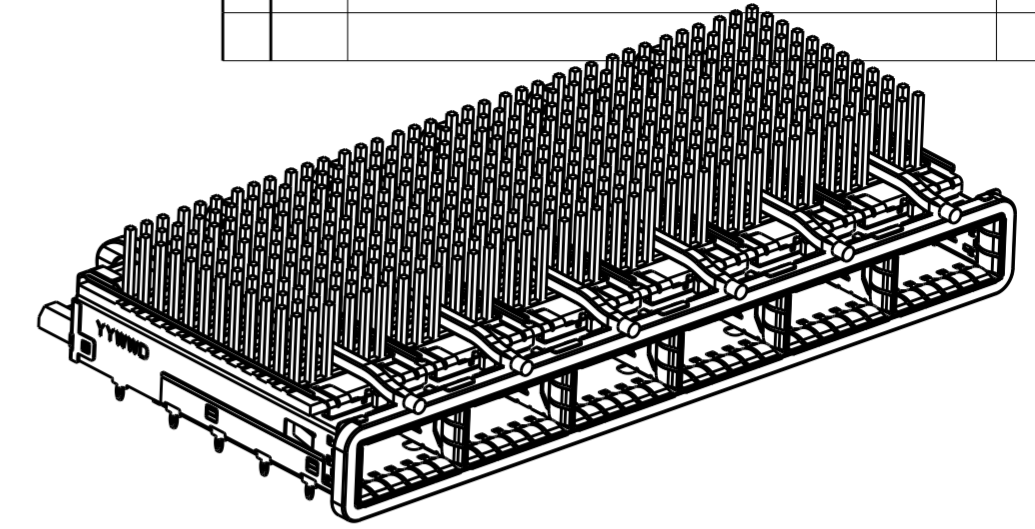
# HEAT SINK OPTION



PCI HEAT SINK  
SCALE 1:1

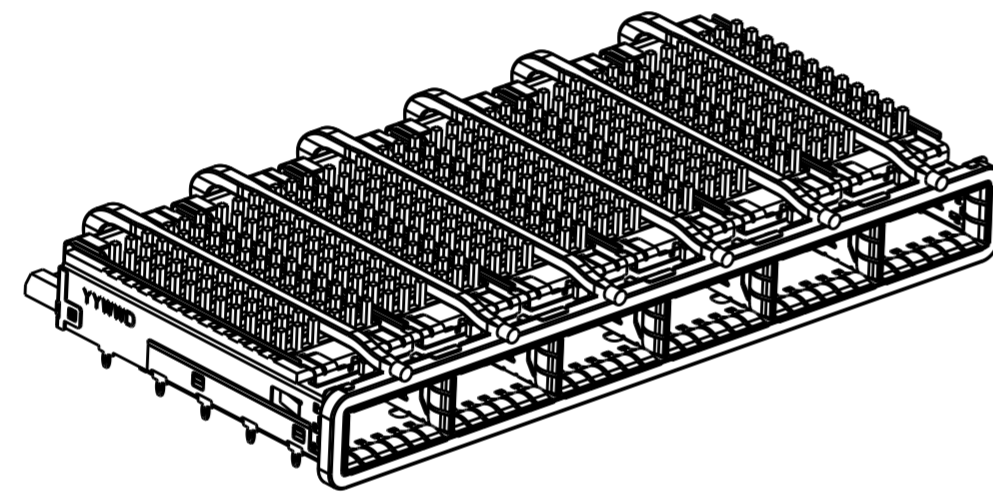


SAN HEAT SINK  
SCALE 1:1

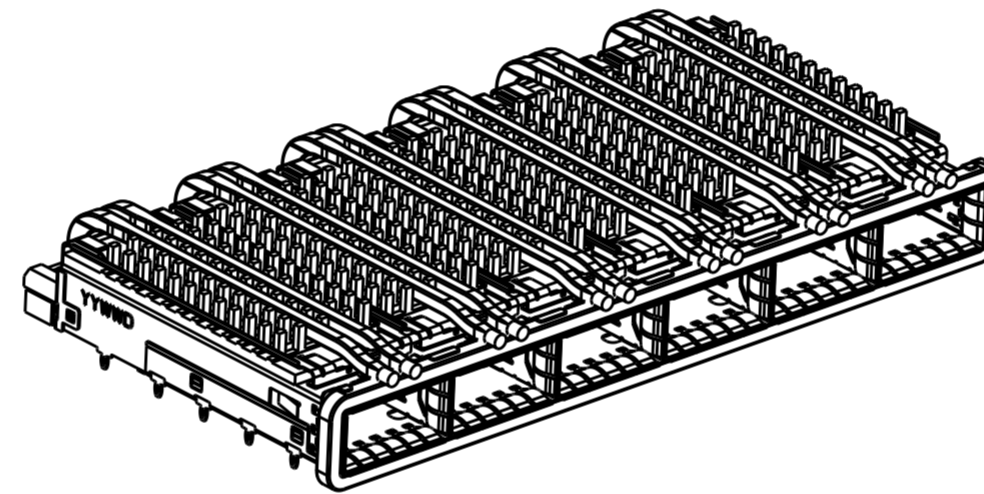


NETWORKING HEAT SINK  
SCALE 1:1

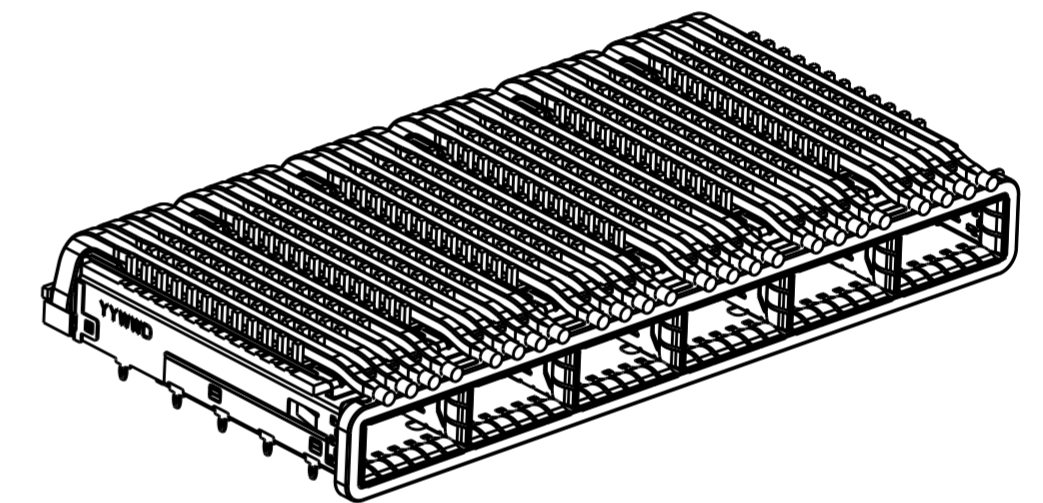
# LIGHT PIPE OPTION



SINGLE LIGHT PIPE  
SCALE 1:1

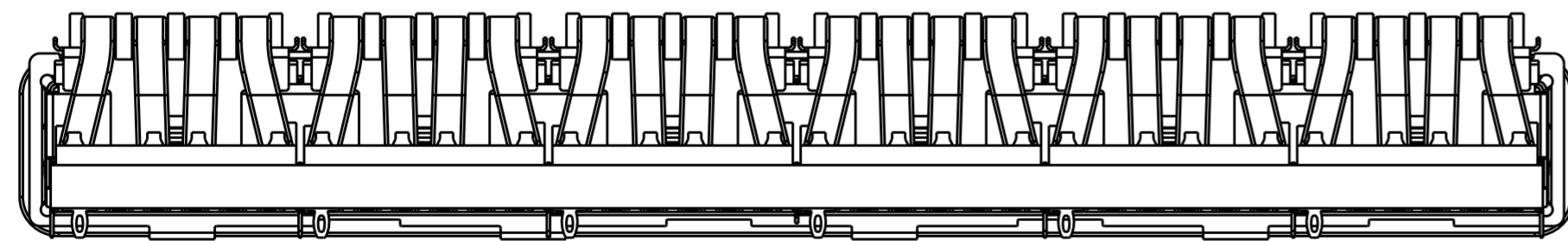


DUAL LIGHT PIPE  
SCALE 1:1

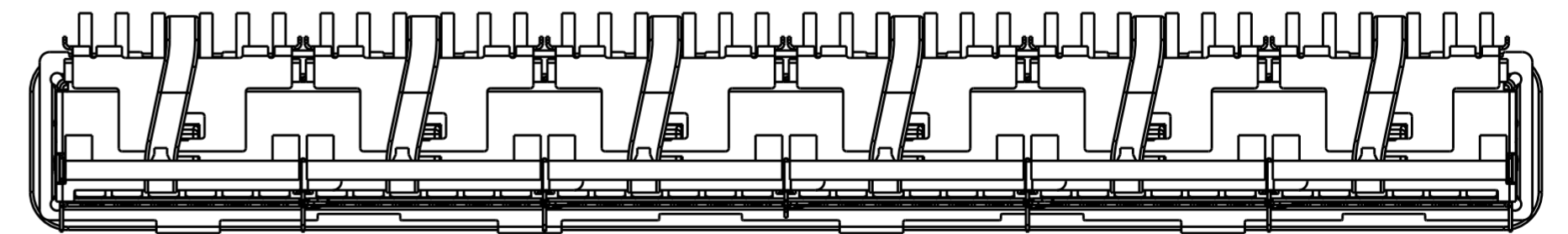


QUAD LIGHT PIPE  
SCALE 1:1

# # OF REAR PIN OPTION



1 REAR PIN  
SCALE 2:1



0 REAR PIN  
SCALE 2:1

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DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	PRODUCT SPEC	CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, GASKET
0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH ±-		APPLICATION SPEC	SIZE	RESTRICTED TO
MATERIAL SEE NOTES	SEE NOTES	WEIGHT -	A200779 C-2170724	
		Customer Drawing	SCALE 3:1	SHEET 2 OF 9 REV 1

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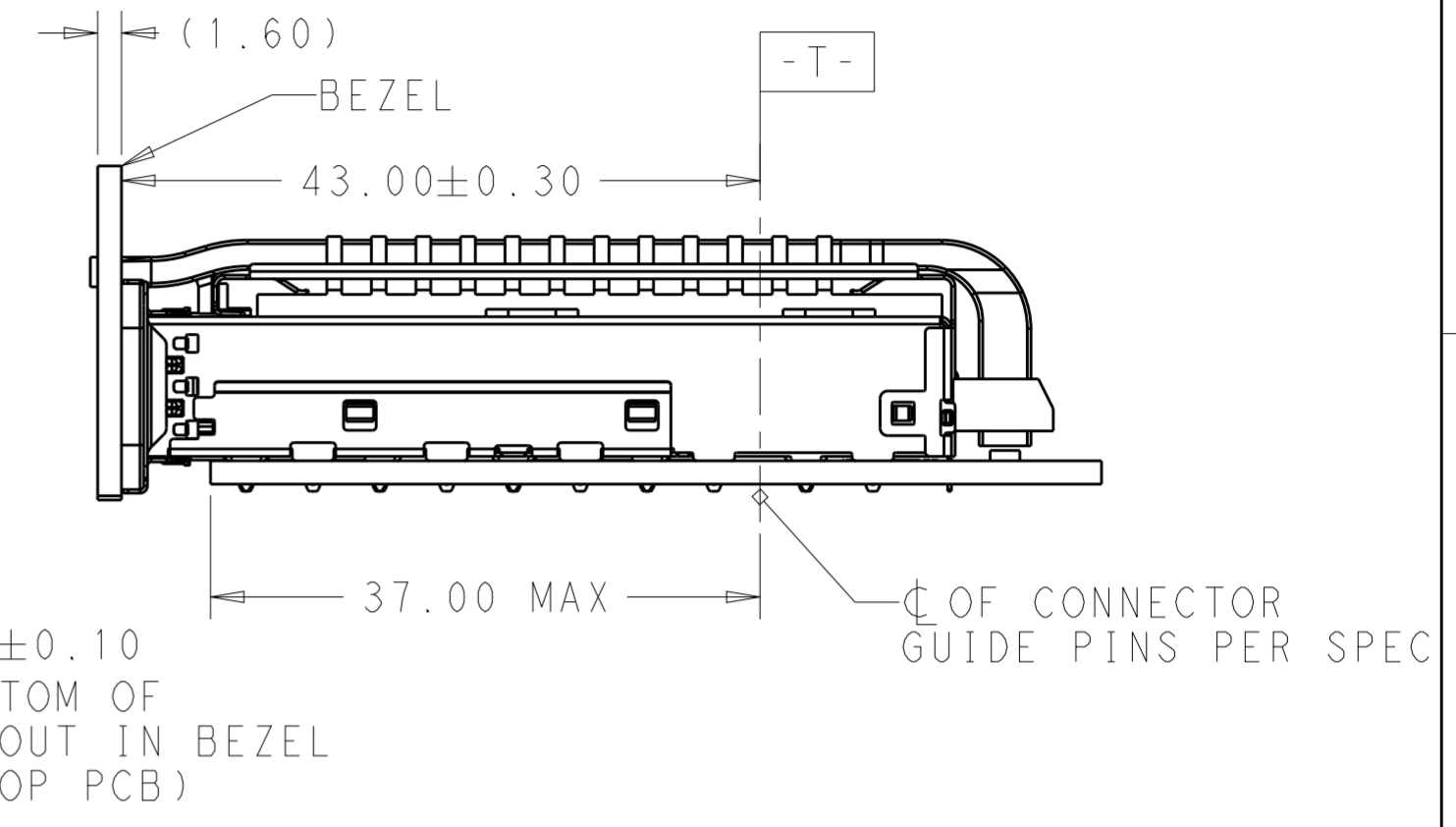
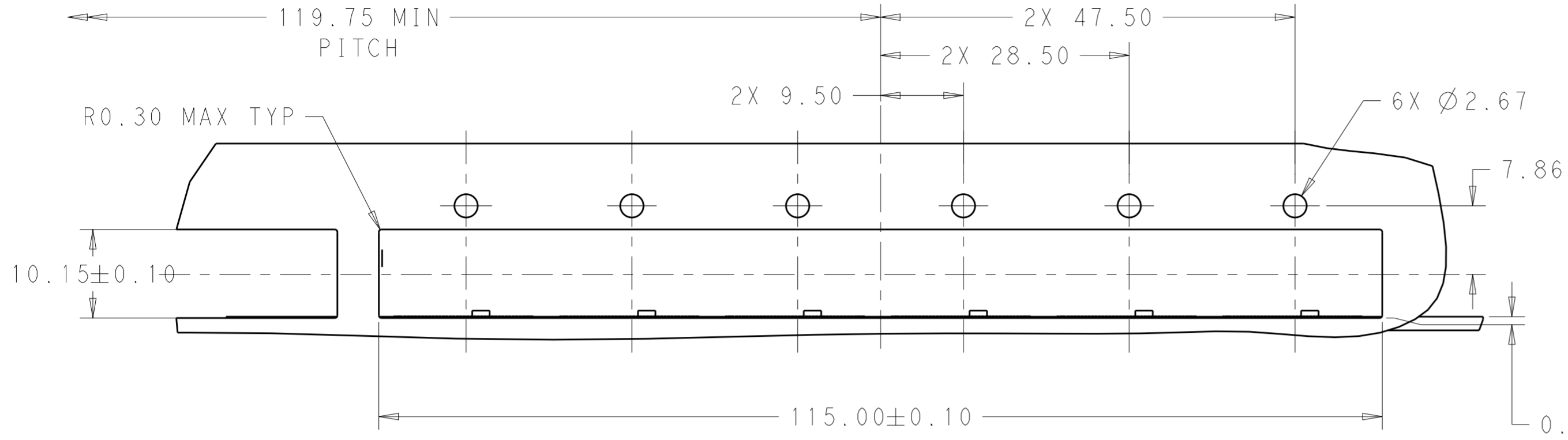
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-

0	23.0	NETWORKING	QUAD	4-2170724-6
0	16.0	SAN	QUAD	4-2170724-5
0	13.7	PCI	QUAD	4-2170724-4
1	23.0	NETWORKING	QUAD	4-2170724-3
1	16.0	SAN	QUAD	4-2170724-2
1	13.7	PCI	QUAD	4-2170724-1
0	23.0	NETWORKING	DUAL	2-2170724-6
0	16.0	SAN	DUAL	2-2170724-5
0	13.7	PCI	DUAL	2-2170724-4
1	23.0	NETWORKING	DUAL	2-2170724-3
1	16.0	SAN	DUAL	2-2170724-2
1	13.7	PCI	DUAL	2-2170724-1
0	23.0	NETWORKING	SINGLE	2170724-6
0	16.0	SAN	SINGLE	2170724-5
0	13.7	PCI	SINGLE	2170724-4
1	23.0	NETWORKING	SINGLE	2170724-3
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# OF REAR PIN	DIM A	APPLICATION	LIGHT PIPE OPTION	PART NUMBER

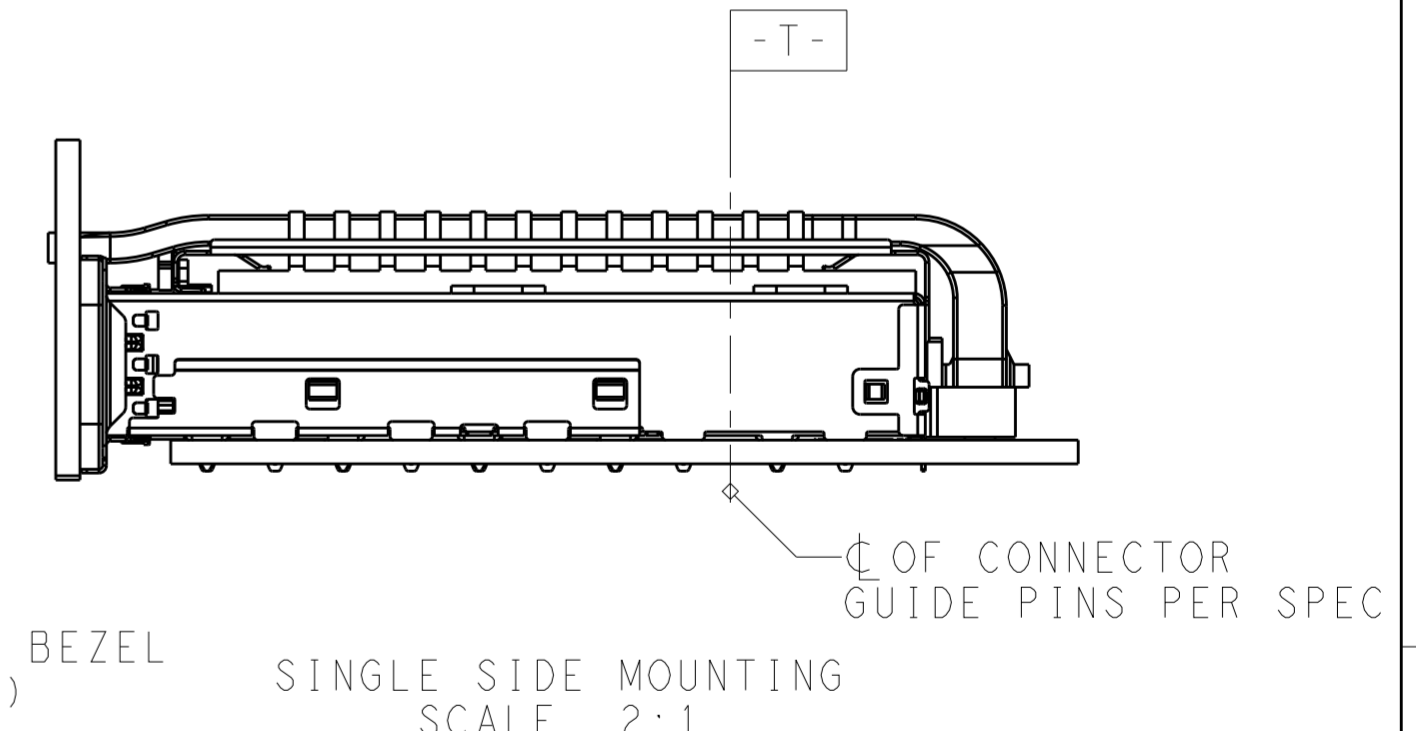
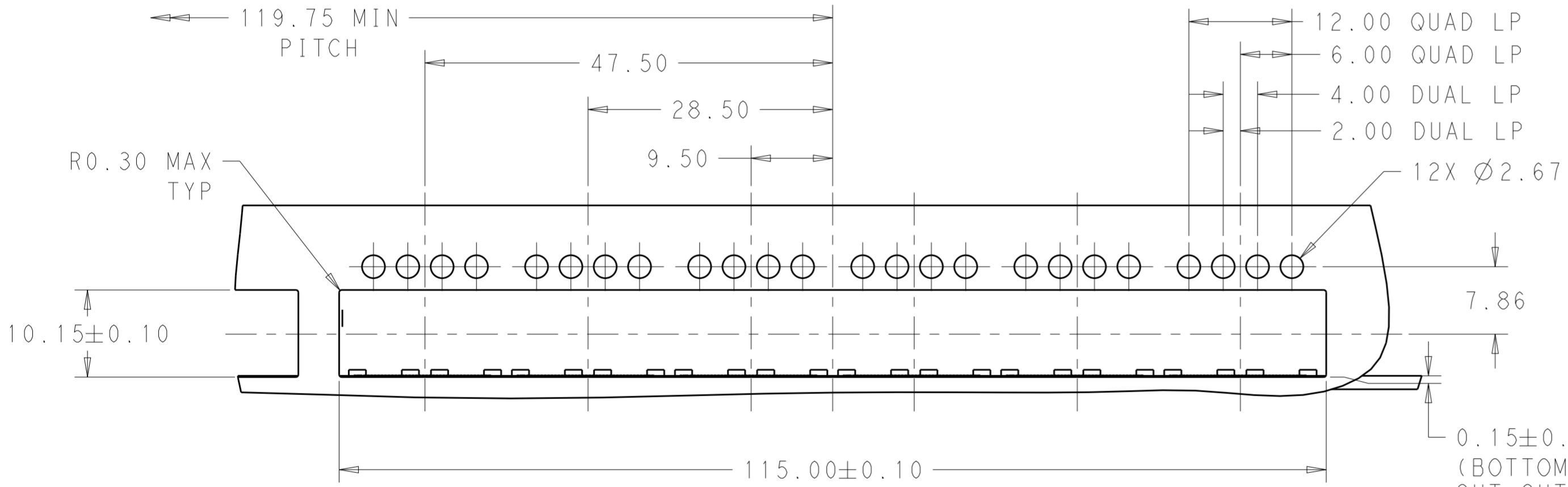
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 24OCT2013 JASON YANG	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC -	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, GASKET	
MATERIAL SEE NOTES		APPLICATION SPEC -	SIZE A200779	DRAWING NO C-2170724
FINISH SEE NOTES		WEIGHT -	RESTRICTED TO -	SCALE 3:1 SHEET 3 OF 9 REV 1
Customer Drawing				

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



SINGLE SIDE MOUNTING  
SCALE 2:1



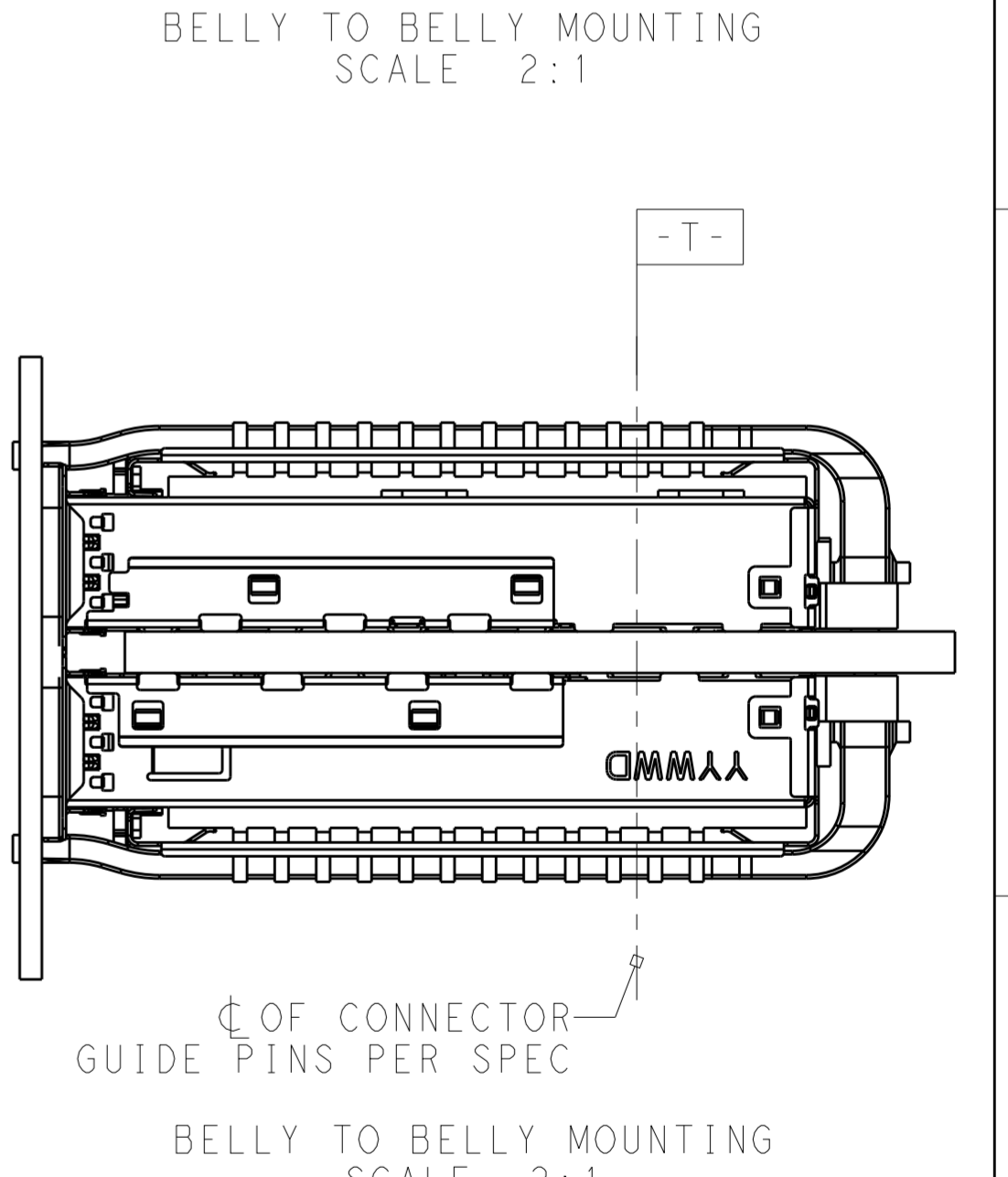
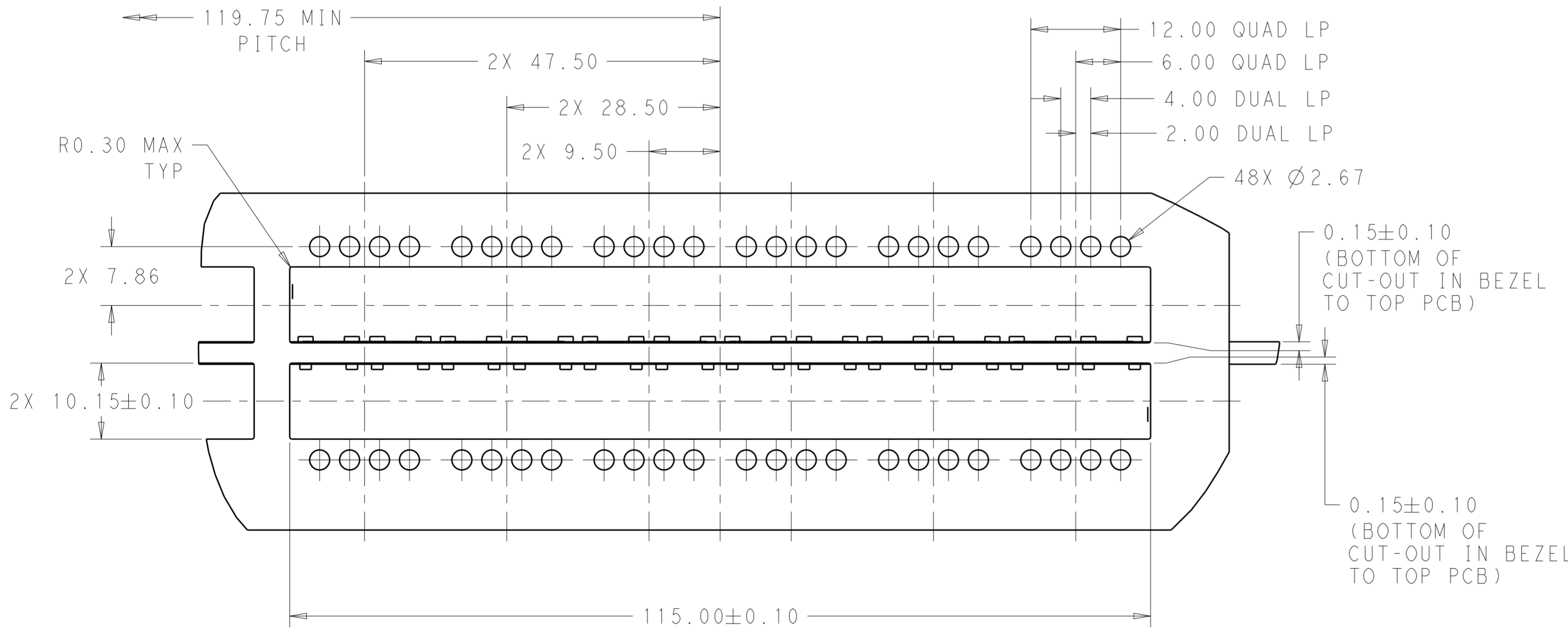
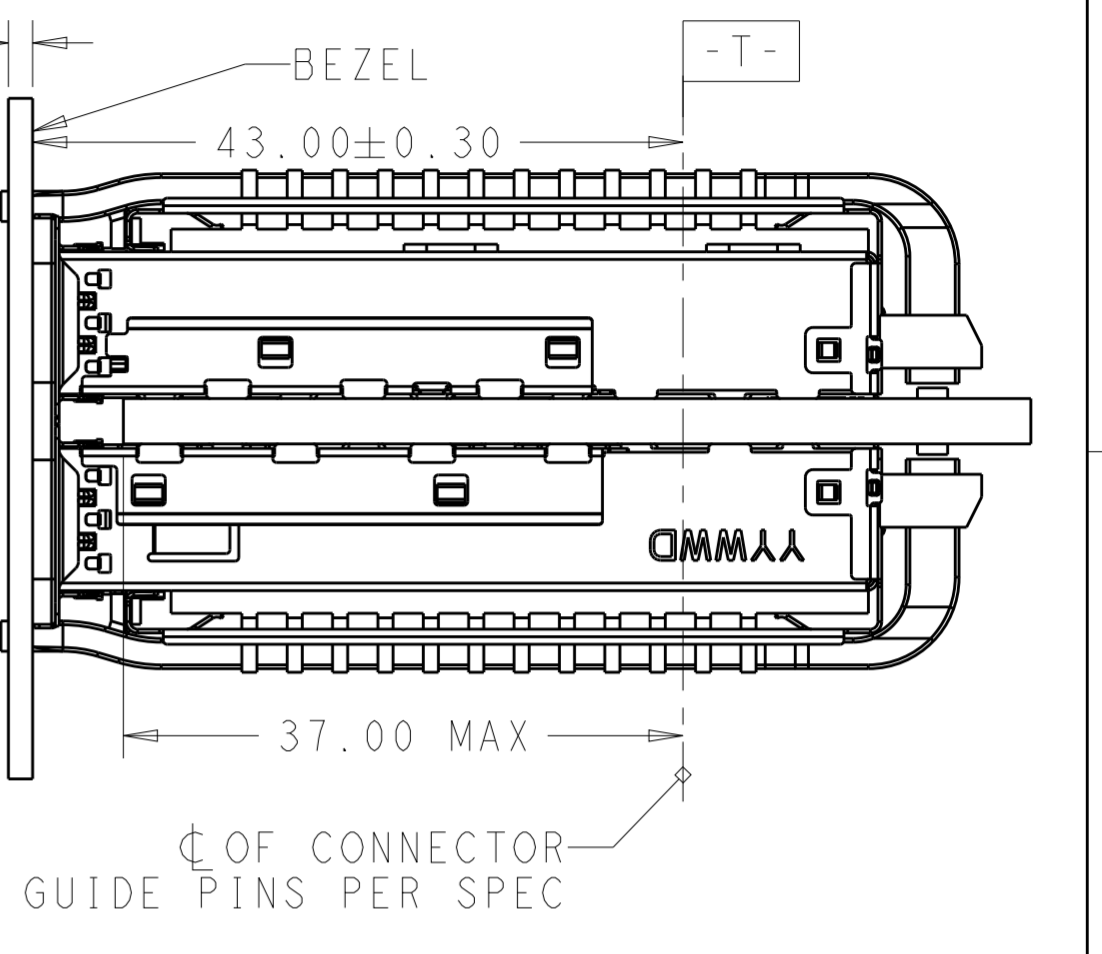
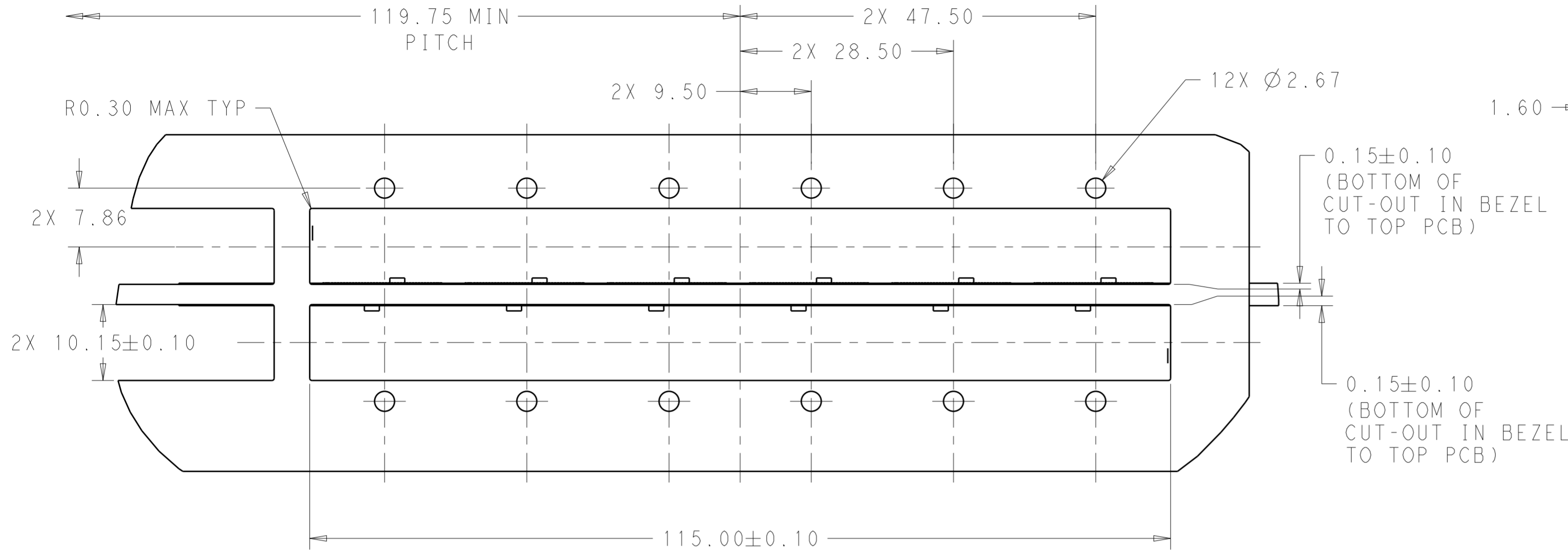
SINGLE SIDE MOUNTING  
SCALE 2:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	PRODUCT SPEC	
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2 PLC ±0.2	3 PLC ±	APVD -	RESTRICTED TO	
4 PLC ±	ANGLES ±	APVD -	SIZE CAGE CODE DRAWING NO	
MATERIAL SEE NOTES	FINISH SEE NOTES	WEIGHT -	A200779 C-2170724	
		Customer Drawing	SCALE 3:1 SHEET 4 OF 9 REV 1	

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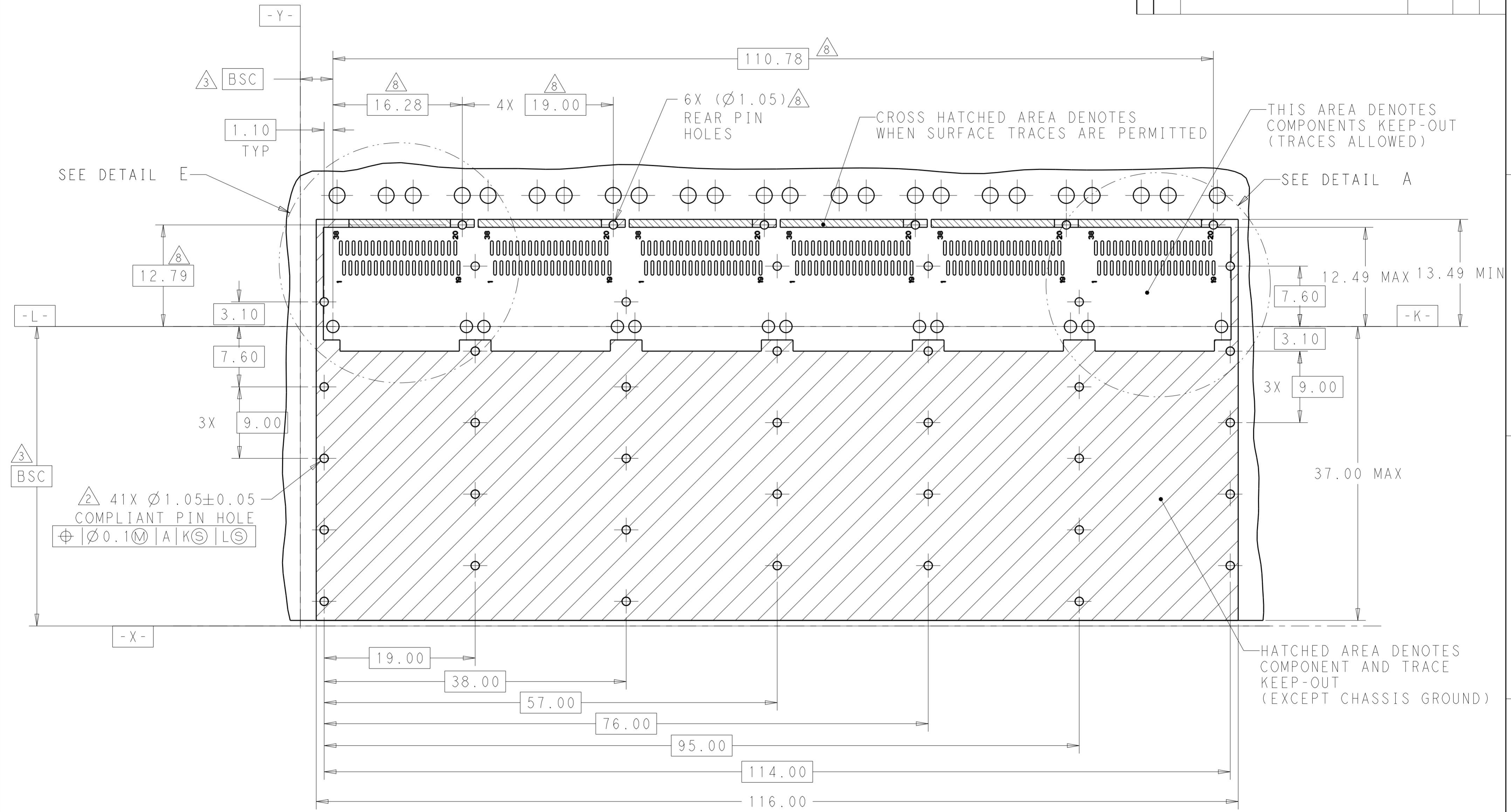
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



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DIMENSIONS: mm		CHK -			
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0 PLC ±		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO		
1 PLC ±0.25		APPLICATION SPEC -	A200779 C-2170724		
2 PLC ±0.2		WEIGHT -	RESTRICTED TO		
3 PLC ±		Customer Drawing	SCALE 3:1 SHEET 5 OF 9 REV 1		
4 PLC ±					
ANGLES ±					
FINISH					
MATERIAL SEE NOTES					
SEE NOTES					

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-	-	SEE SHEET 1	-	-

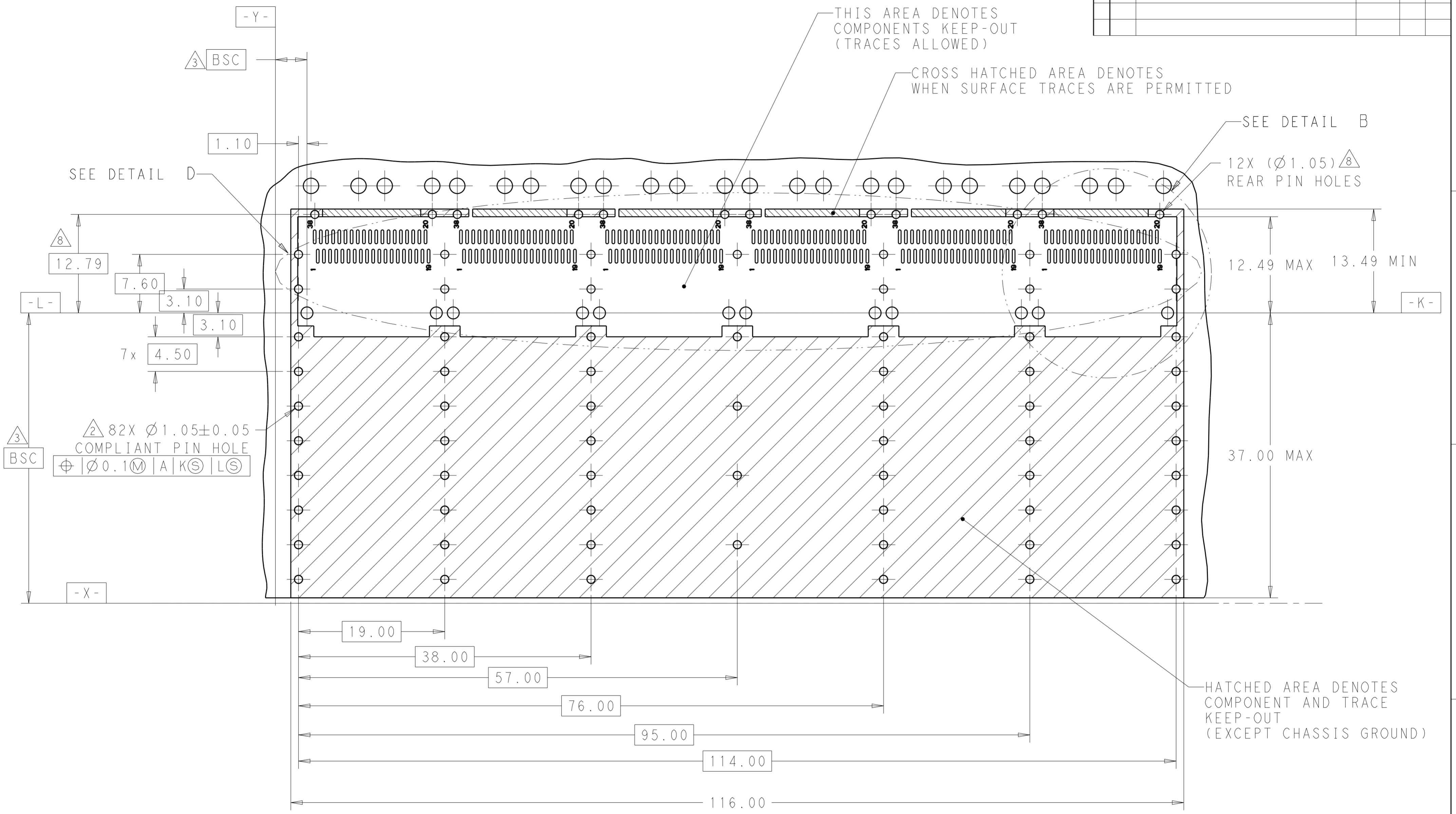


RECOMMENDED PCB LAYOUT  
 SINGLE TYPE  
 PCB TOLERANCE: ±0.05  
 SCALE 3:1

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DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME	
0 PLC ±	1 PLC ±0.25	PRODUCT SPEC -	CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, GASKET	
2 PLC ±0.2	3 PLC ±	APPLICATION SPEC -	SIZE	CAGE CODE
4 PLC ±	ANGLES ±	WEIGHT -	A2	00779
MATERIAL SEE NOTES	FINISH SEE NOTES	Customer Drawing	DRAWING NO	RESTRICTED TO
		SCALE 3:1	SHEET 6 OF 9	REV 1

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-	-	SEE SHEET 1	-	-



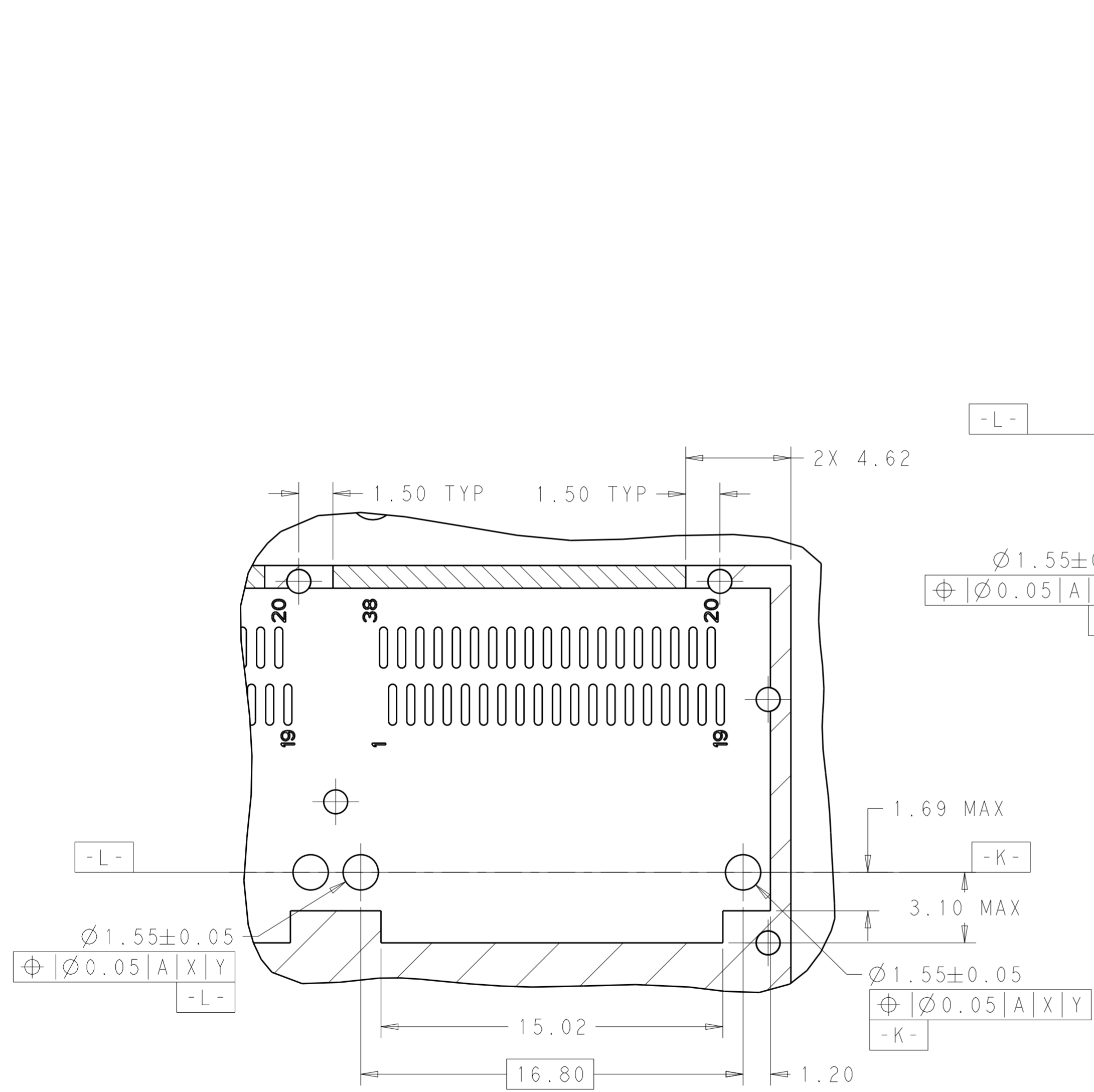
RECOMMENDED PCB LAYOUT  
 BELLY TO BELLY TYPE  
 PCB TOLERANCE: ±0.05  
 SCALE 3:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

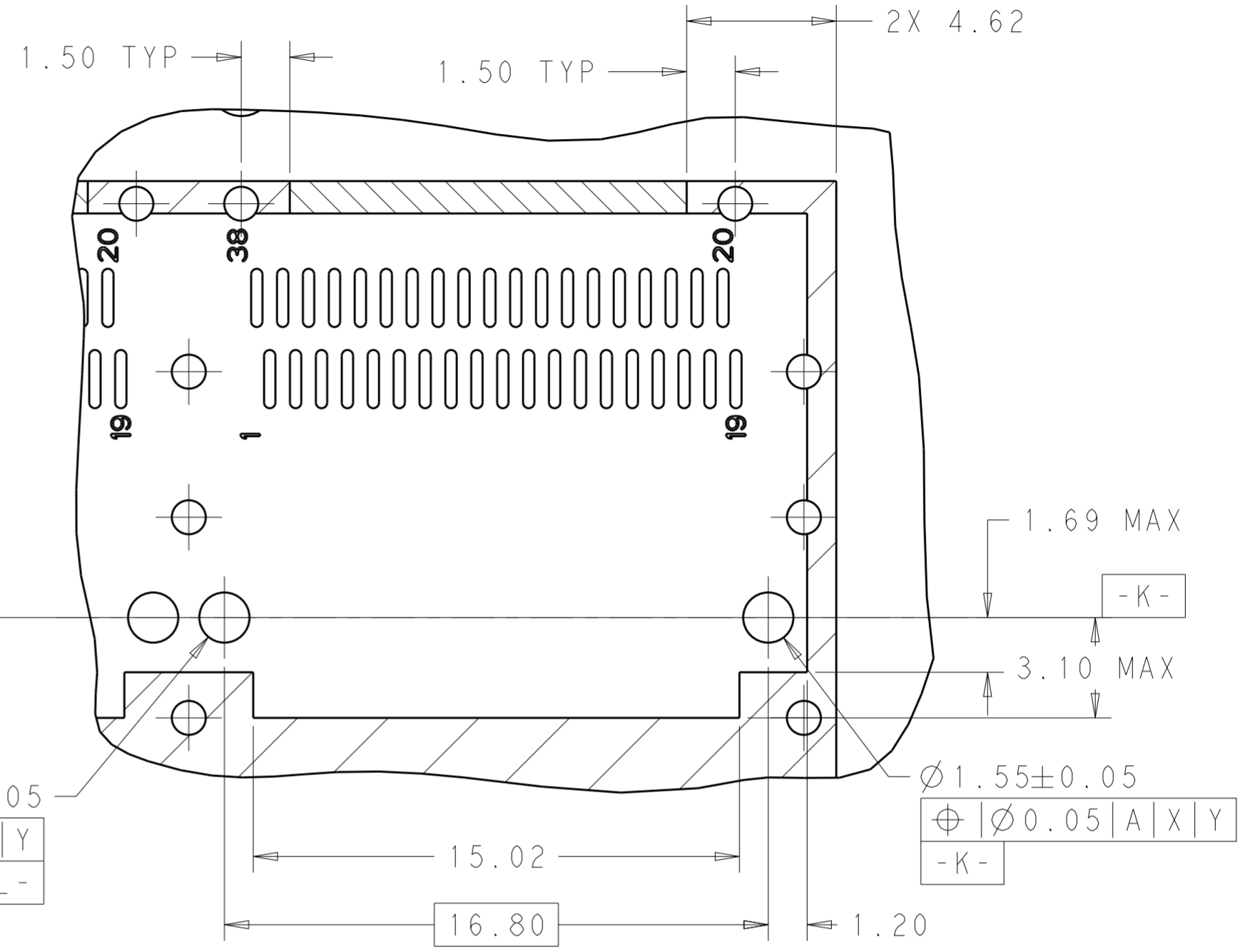
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2 PLC ±0.2	3 PLC ±	APPLICATION SPEC -	SIZE	CAGE CODE
4 PLC ±	ANGLES ±	WEIGHT -	A2	00779
FINISH	SEE NOTES	Customer Drawing	DRAWING NO	RESTRICTED TO
			C-2170724	
			SCALE 3:1	SHEET 7 OF 9
				REV 1

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-	-	SEE SHEET 1	-	-



DETAIL A  
SCALE 6:1



DETAIL B  
SCALE 6:1

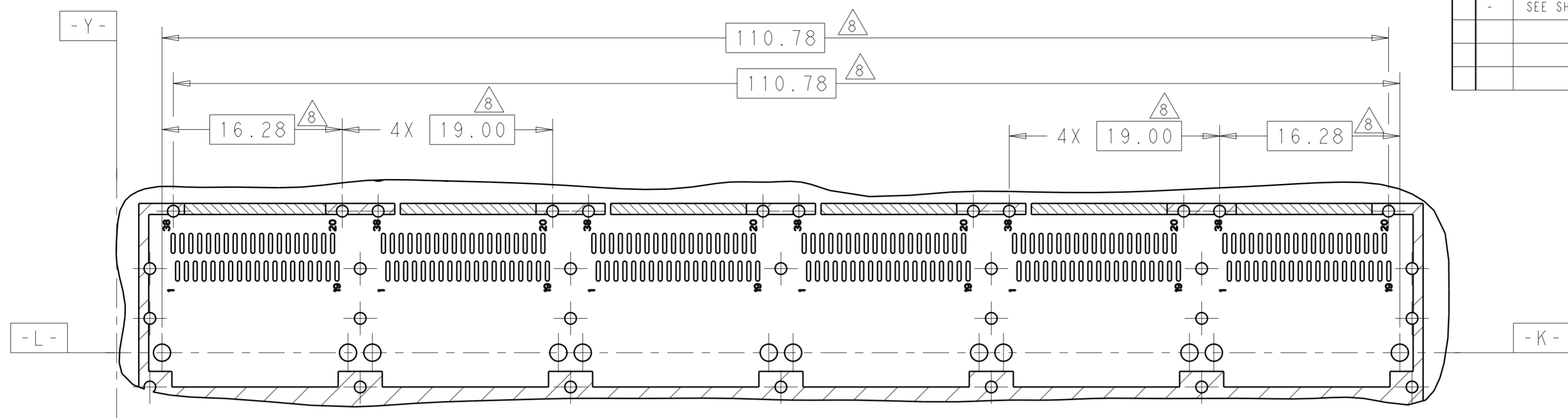
PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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1 PLC ±0.25		APPLICATION SPEC -	CAGE CODE	
2 PLC ±0.2		WEIGHT -	DRAWING NO	
3 PLC ±		Customer Drawing	A200779	
4 PLC ±		SCALE 3:1	RESTRICTED TO	
ANGLES ±		SHEET 8 OF 9	REV 1	
FINISH		REV 1		
MATERIAL SEE NOTES	SEE NOTES			

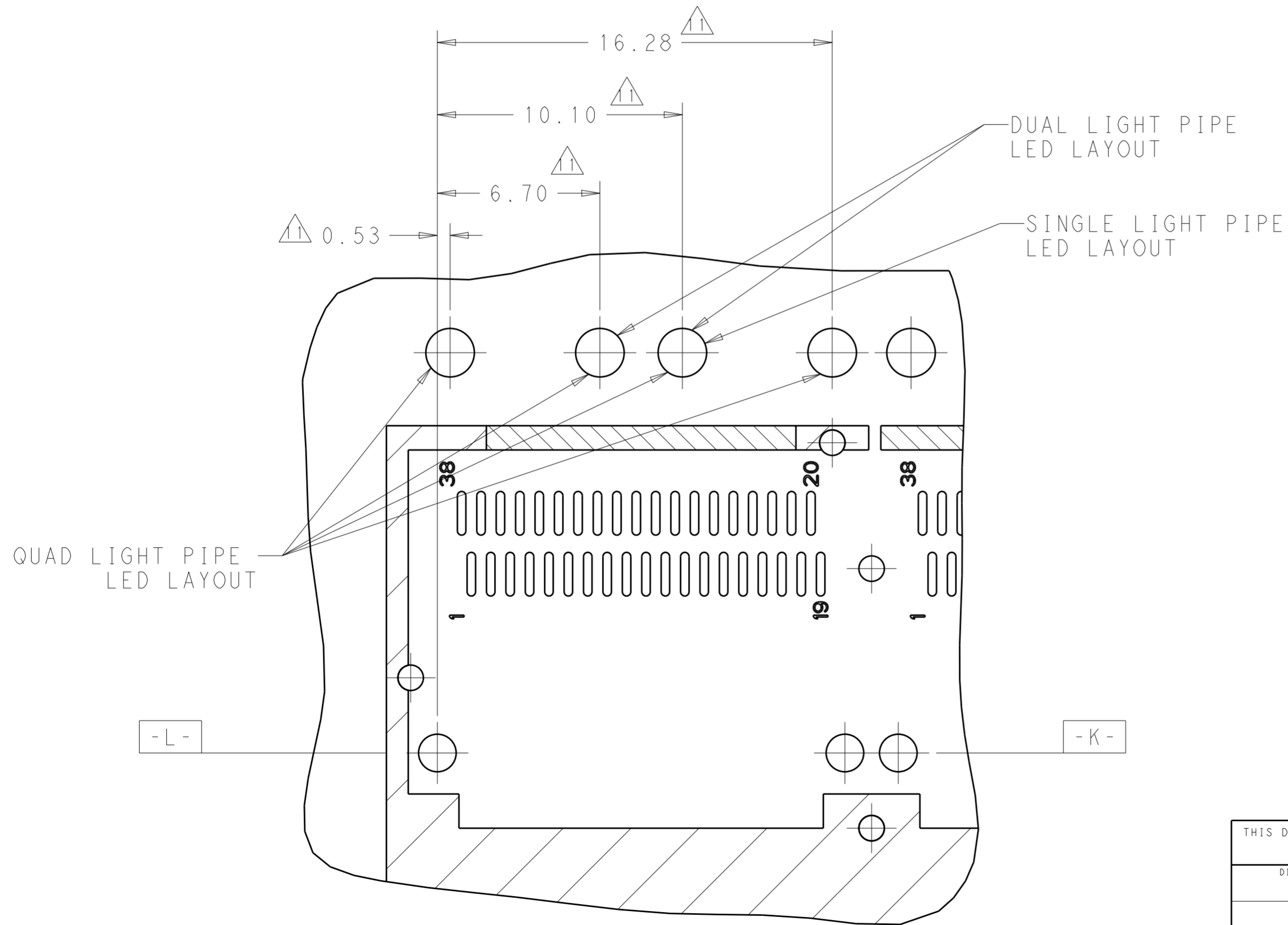


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DETAIL D  
SCALE 3:1



DETAIL E  
SCALE 6:1

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DIMENSIONS: mm		CHK -		
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0 PLC ±		APPLICATION SPEC	SIZE	A200779
1 PLC ±0.25		WEIGHT	CAGE CODE	C-2170724
2 PLC ±0.2		Customer Drawing	DRAWING NO	RESTRICTED TO
3 PLC ±		SCALE 3:1	SHEET 9 OF 9	REV 1
4 PLC ±				
ANGLES ±				
FINISH				
MATERIAL SEE NOTES				
SEE NOTES				

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[>>TE Connectivity\(泰科\)](#)