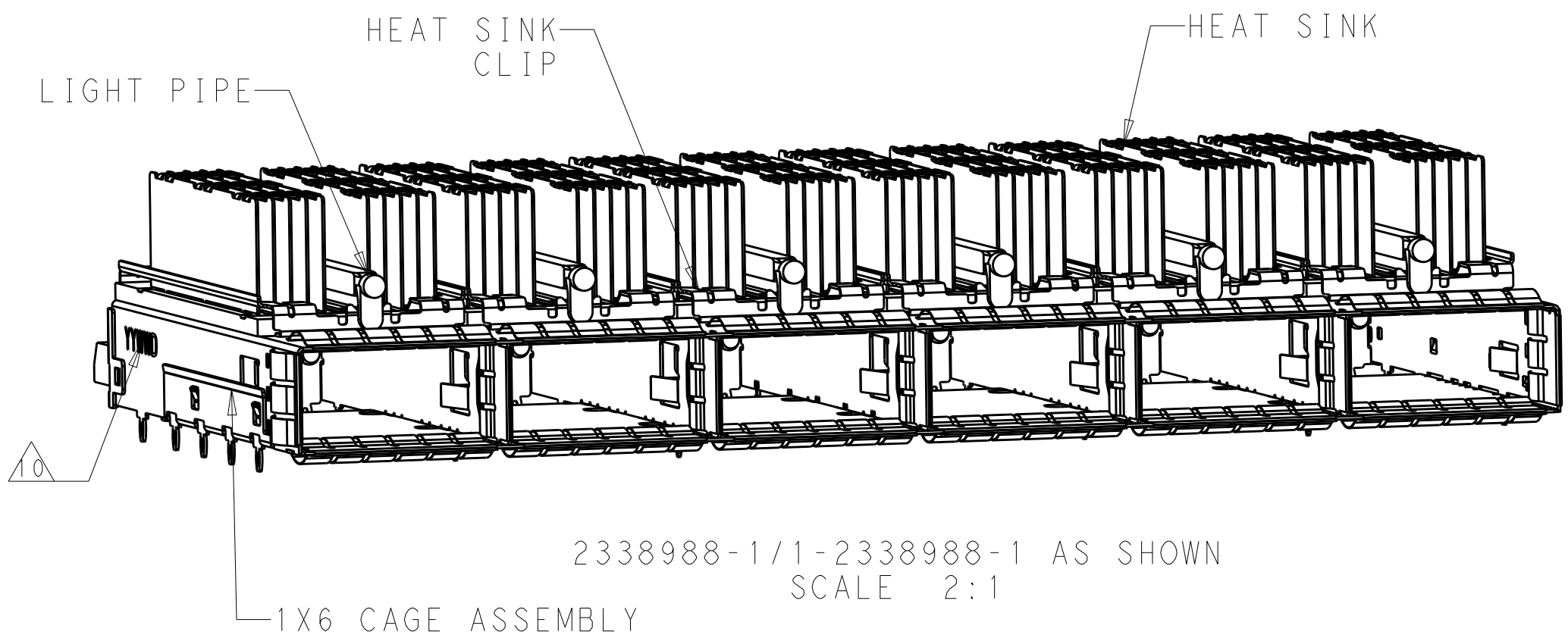


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	3	ADD DASH1-1,1-2	29AUG2019	JW	SH
	4	LP COATING ADDED	14JAN2020	VM	SH
	A1	PRODUCTION RELEASE	16JUN2020	JW	SH

D



1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/NICKEL
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE WITH UL 94 V-0

2. REFERENCE APPLICATION SPECIFICATION 114-32023
FOR RECOMMENDED DRILL HOLE DIAMETER AND
PLATING THICKNESS

3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER

4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE

5. HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES
ARE SHIPPED ASSEMBLED ON CAGE

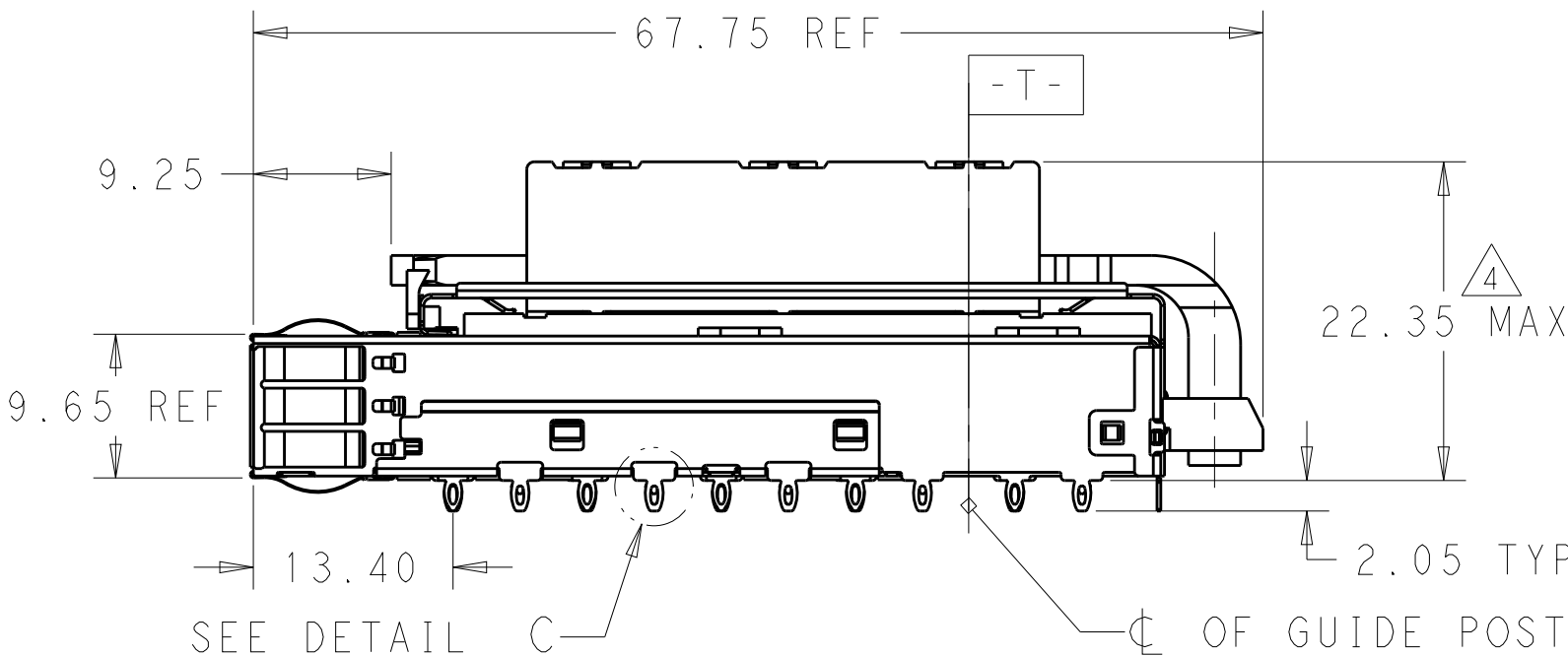
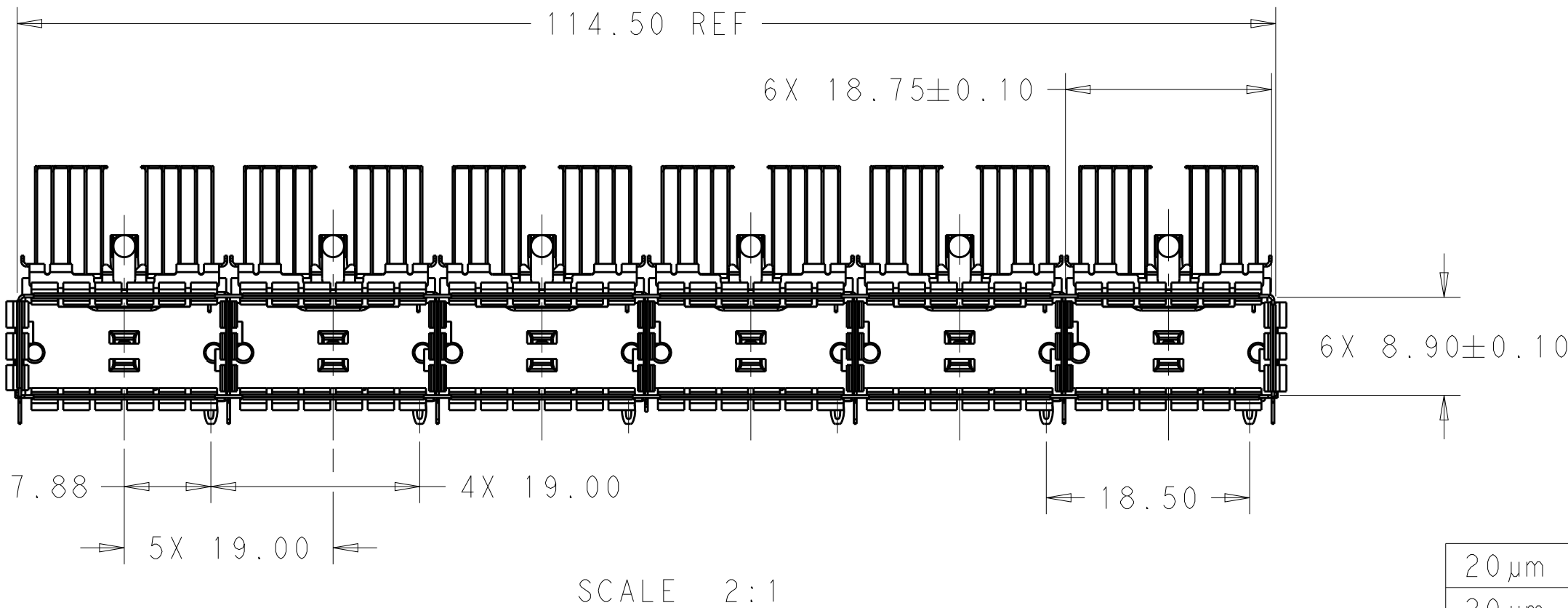
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 2.20 MIN

7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.

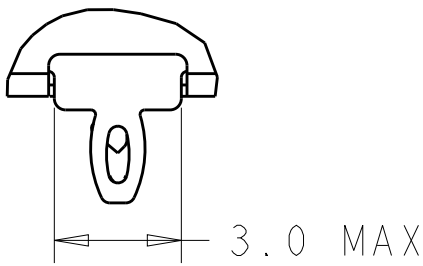
8. REMOVED.

9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

10. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.



20µm COATING ON TOP AND SIDE SURFACE, 16µm ON BOTTOM SURFACE	1-2338988-2
20µm COATING ON TOP AND SIDE SURFACE, 16µm ON BOTTOM SURFACE	1-2338988-1
NO COATING	2338988-2
NO COATING	2338988-1
LIGHT PIPE	PART NUMBER

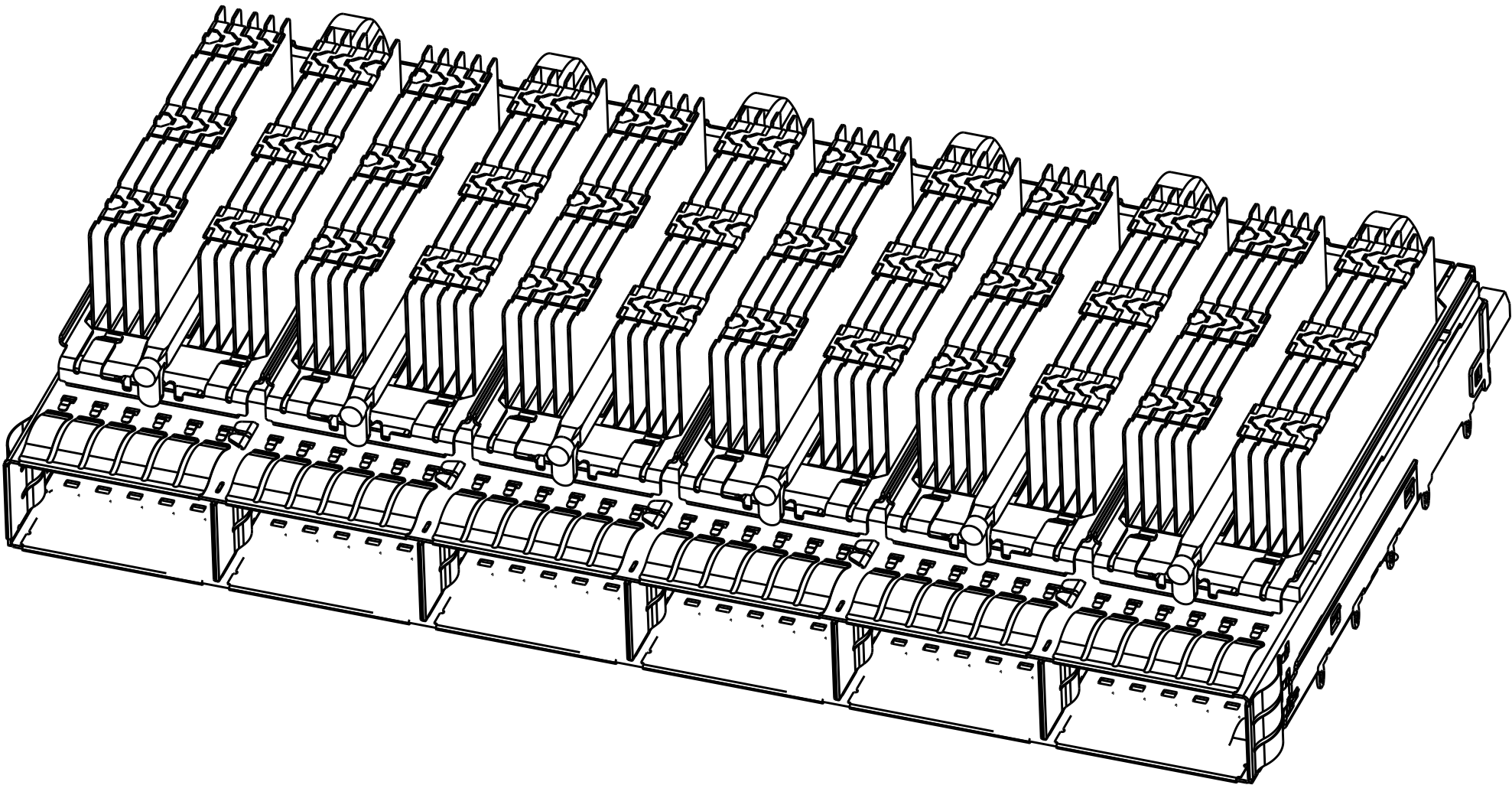


DETAIL C
SCALE 6:1

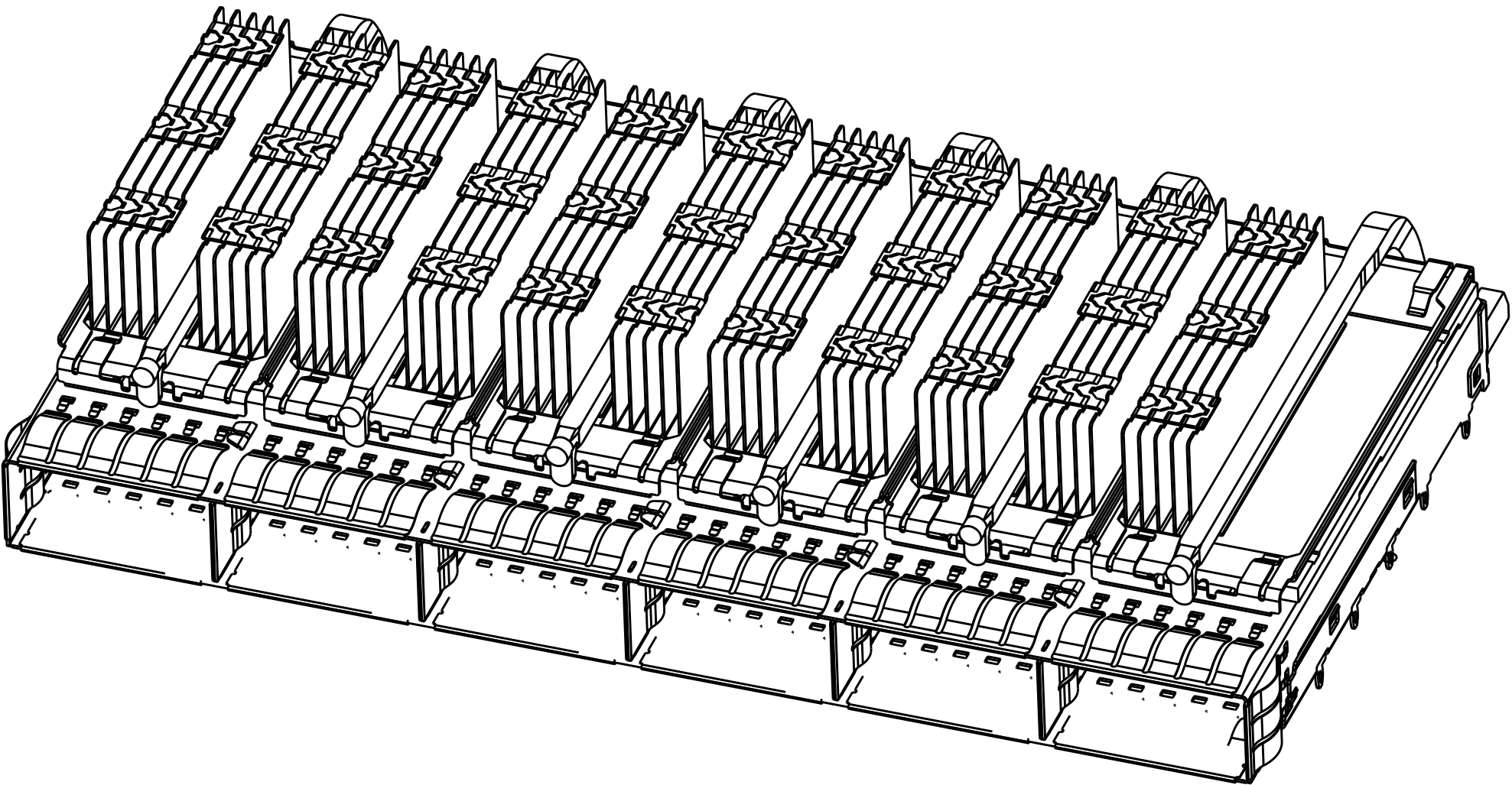
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 27JUN2018	TE Connectivity		
DIMENSIONS: mm		CHK SEAN HAN 27JUN2018			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 27JUN2018	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -	SIZE A200779		
MATERIAL SEE NOTES		CUSTOMER DRAWING			RESTRICTED TO
		SCALE 3:1			SHEET 1 OF 7
					REV A1

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

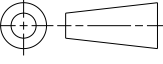
HEAT SINK OPTION



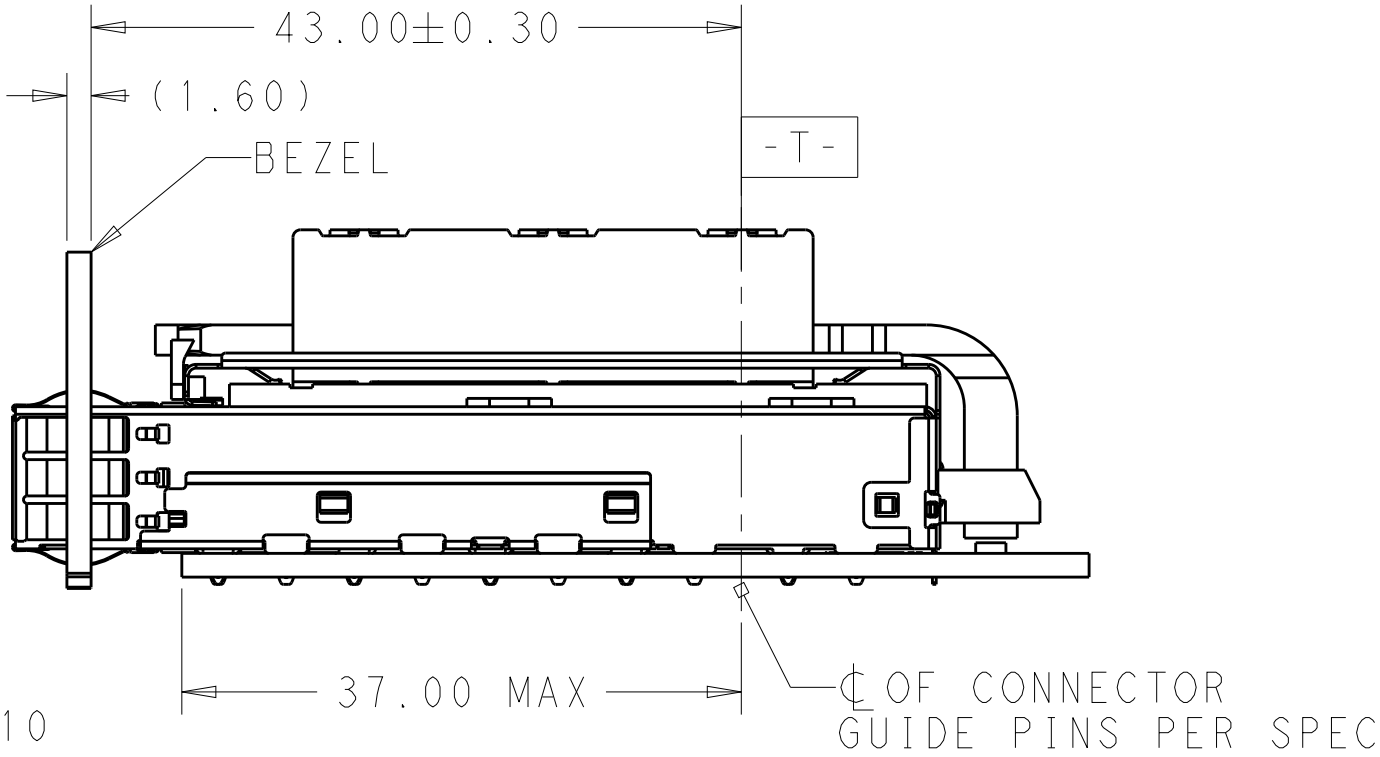
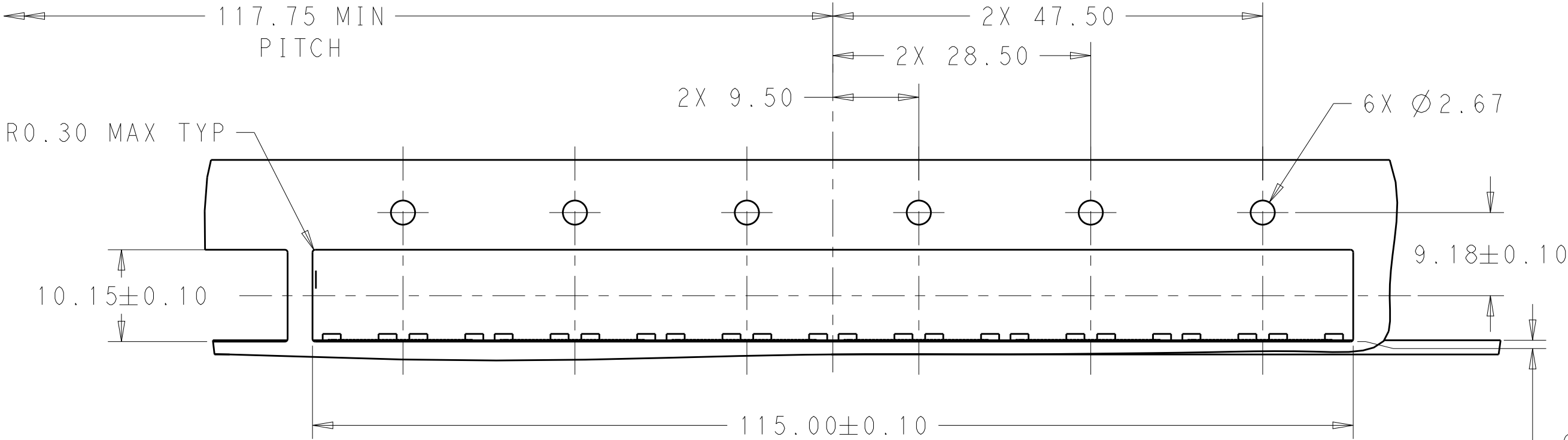
2338988-1/1-2338988-1
SCALE 2:1



2338988-2/1-2338988-2
SCALE 2:1

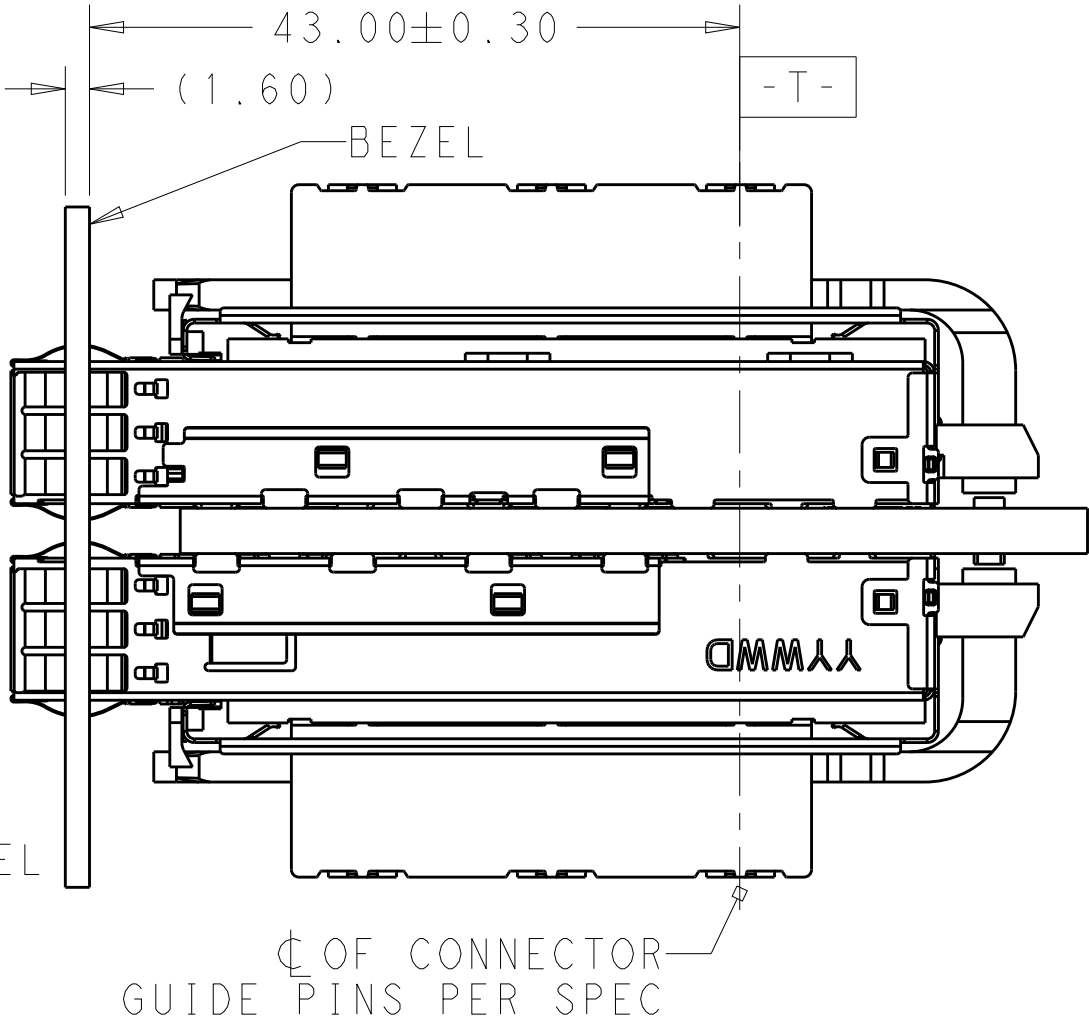
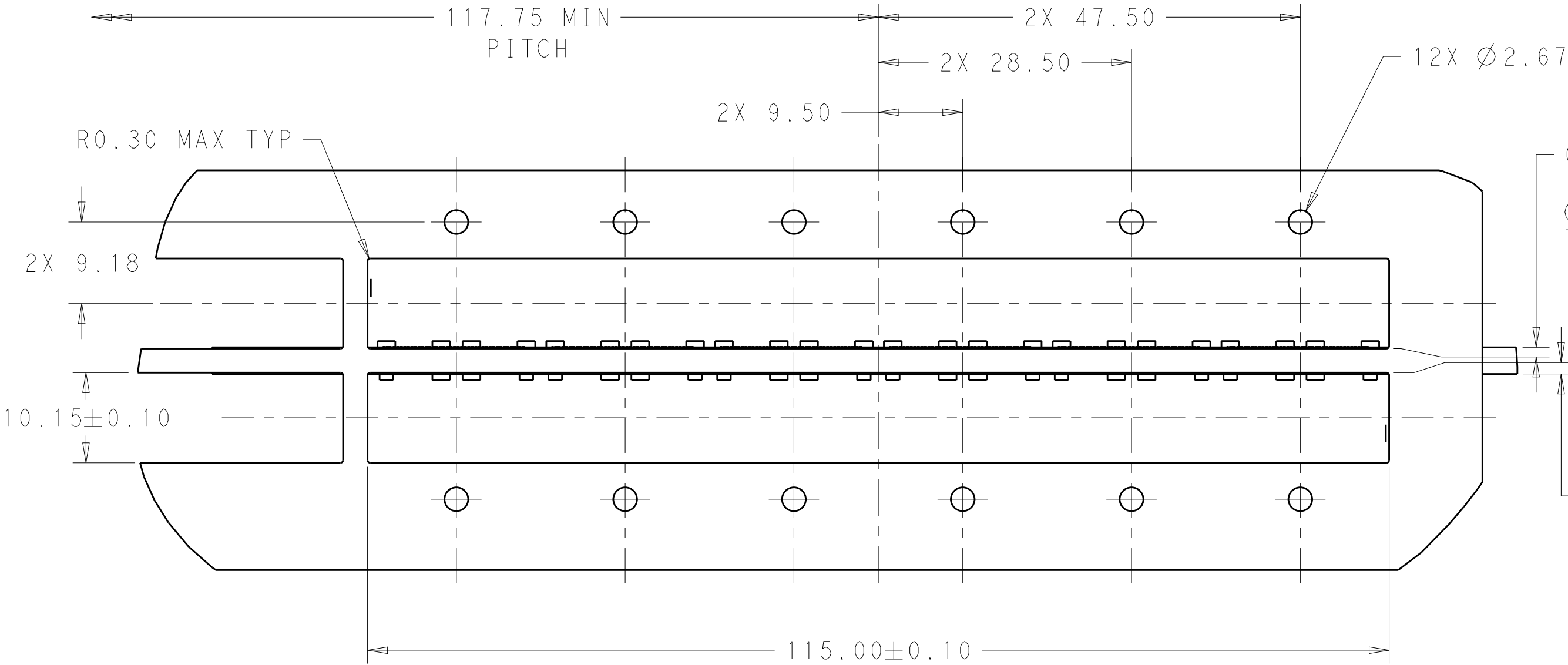
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 27JUN2018	 TE Connectivity		
DIMENSIONS: mm		CHK SEAN HAN 27JUN2018			
		APVD SEAN HAN 27JUN2018	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
		PRODUCT SPEC 108-19428			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32023	SIZE A2	CAGE CODE 00779	DRAWING NO C-2338988
MATERIAL SEE NOTES		WEIGHT -	RESTRICTED TO		
FINISH SEE NOTES		RESTRICTED CUSTOMER	SCALE 3:1	SHEET 2 OF 7	REV A1

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



0.15±0.10
(BOTTOM OF
CUT-OUT IN BEZEL
TO TOP PCB)

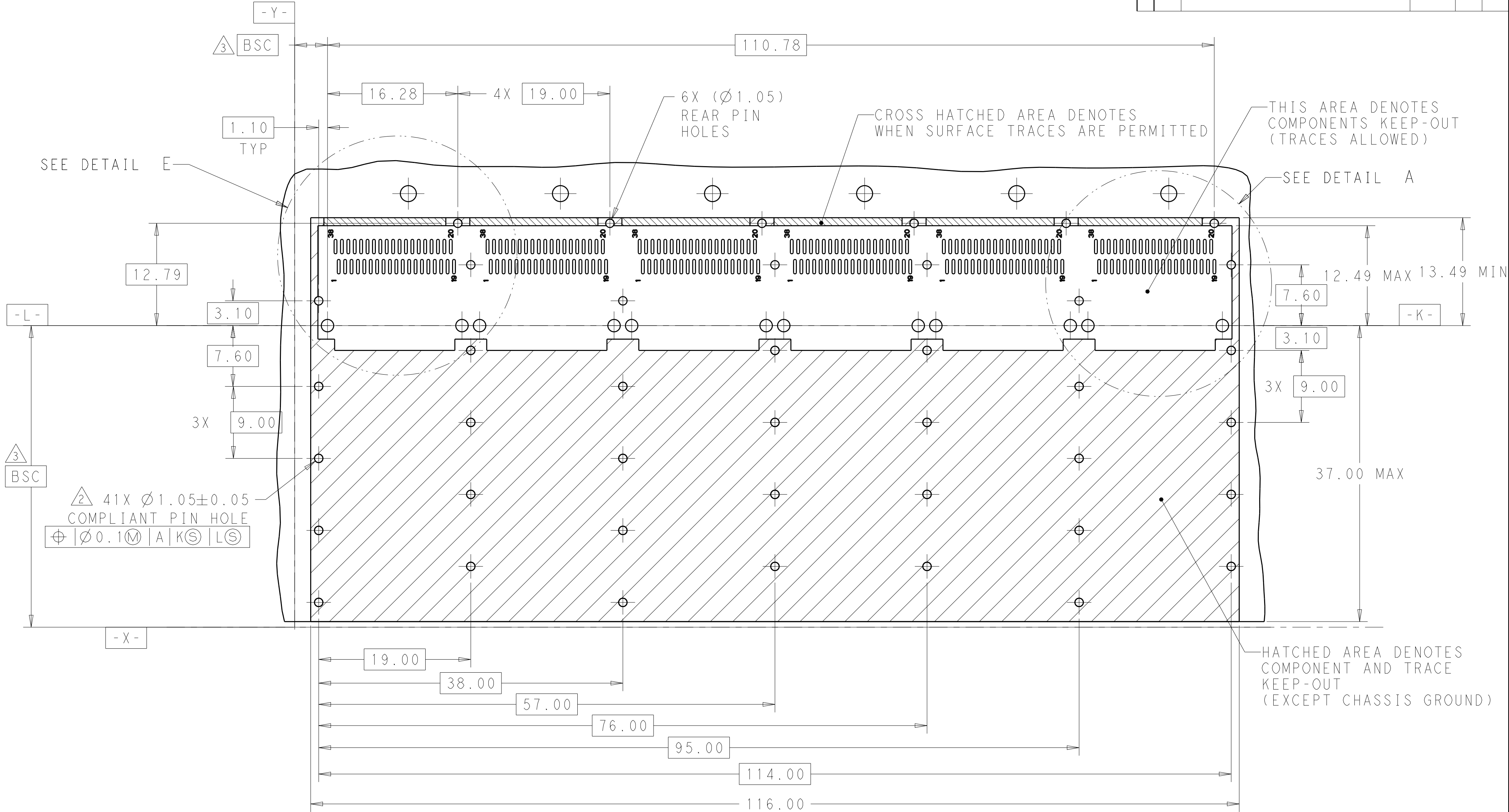
SINGLE SIDE MOUNTING
SCALE 2:1



BELLY TO BELLY MOUNTING
SCALE 2:1

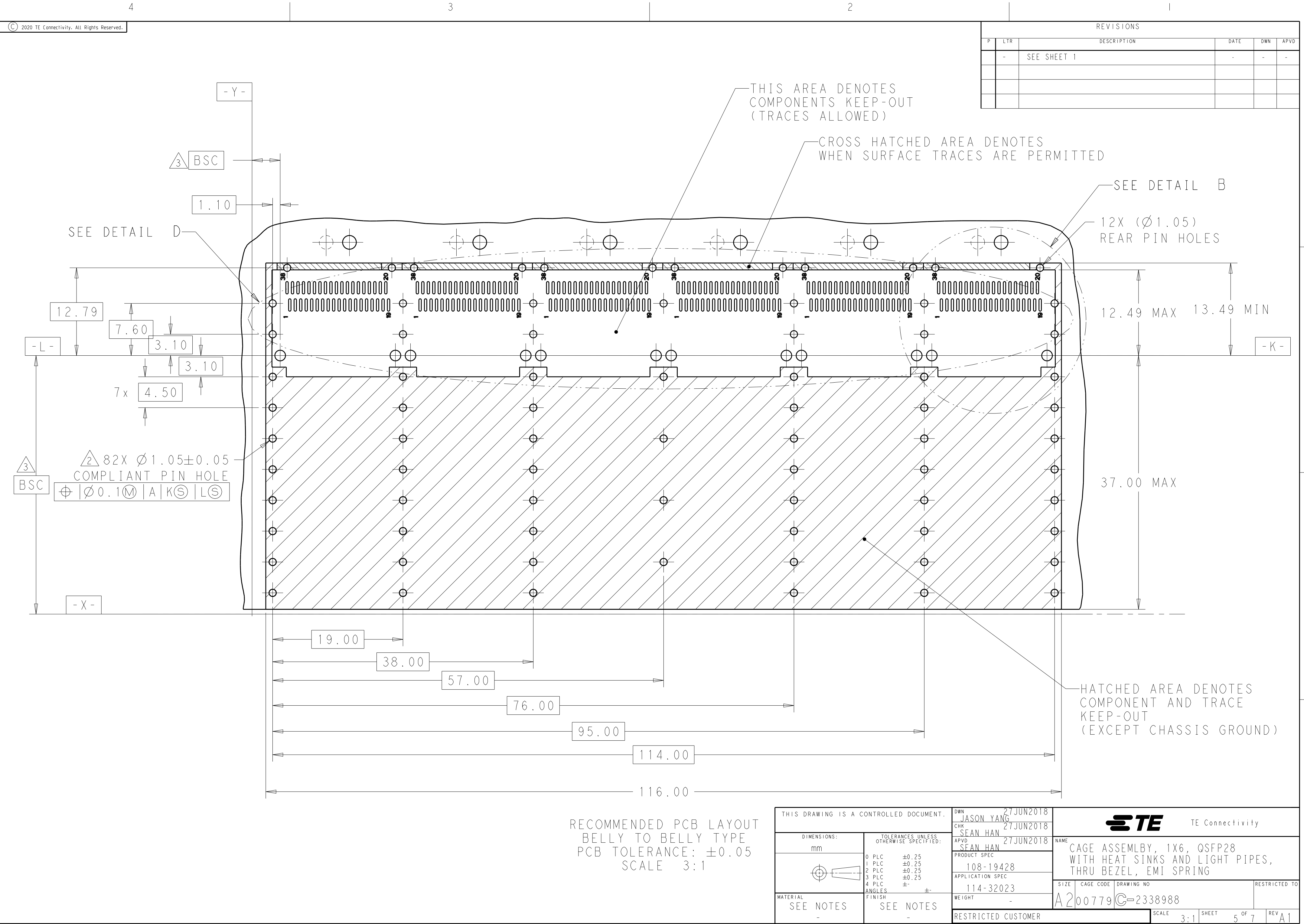
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 27JUN2018	TE Connectivity		
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		APVD SEAN HAN 27JUN2018	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
		PRODUCT SPEC 108-19428			
		APPLICATION SPEC 114-32023	SIZE A200779C-2338988		
		WEIGHT -			
		RESTRICTED CUSTOMER	RESTRICTED TO		
			SCALE 3:1	SHEET 3 OF 7	REV A1

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



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 27JUN2018	TE Connectivity		
DIMENSIONS: mm		CHK SEAN HAN 27JUN2018			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SEAN HAN 27JUN2018	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±°		PRODUCT SPEC 108-19428	SIZE A2		
MATERIAL SEE NOTES		APPLICATION SPEC 114-32023	CAGE CODE 00779		
FINISH SEE NOTES		WEIGHT -	DRAWING NO C-2338988		
		RESTRICTED CUSTOMER	RESTRICTED TO		
		SCALE 3:1	SHEET 4 OF 7		
			REV A1		



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 27JUN2018 JASON YANG	TE Connectivity		
DIMENSIONS: mm		CHK 27JUN2018 SEAN HAN			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 27JUN2018 SEAN HAN	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ±		PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO A200779C-2338988		
MATERIAL SEE NOTES		APPLICATION SPEC 114-32023	RESTRICTED TO		
FINISH SEE NOTES		WEIGHT -	SCALE 3:1 SHEET 5 OF 7 REV A1		
-		RESTRICTED CUSTOMER			

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

D

D

C

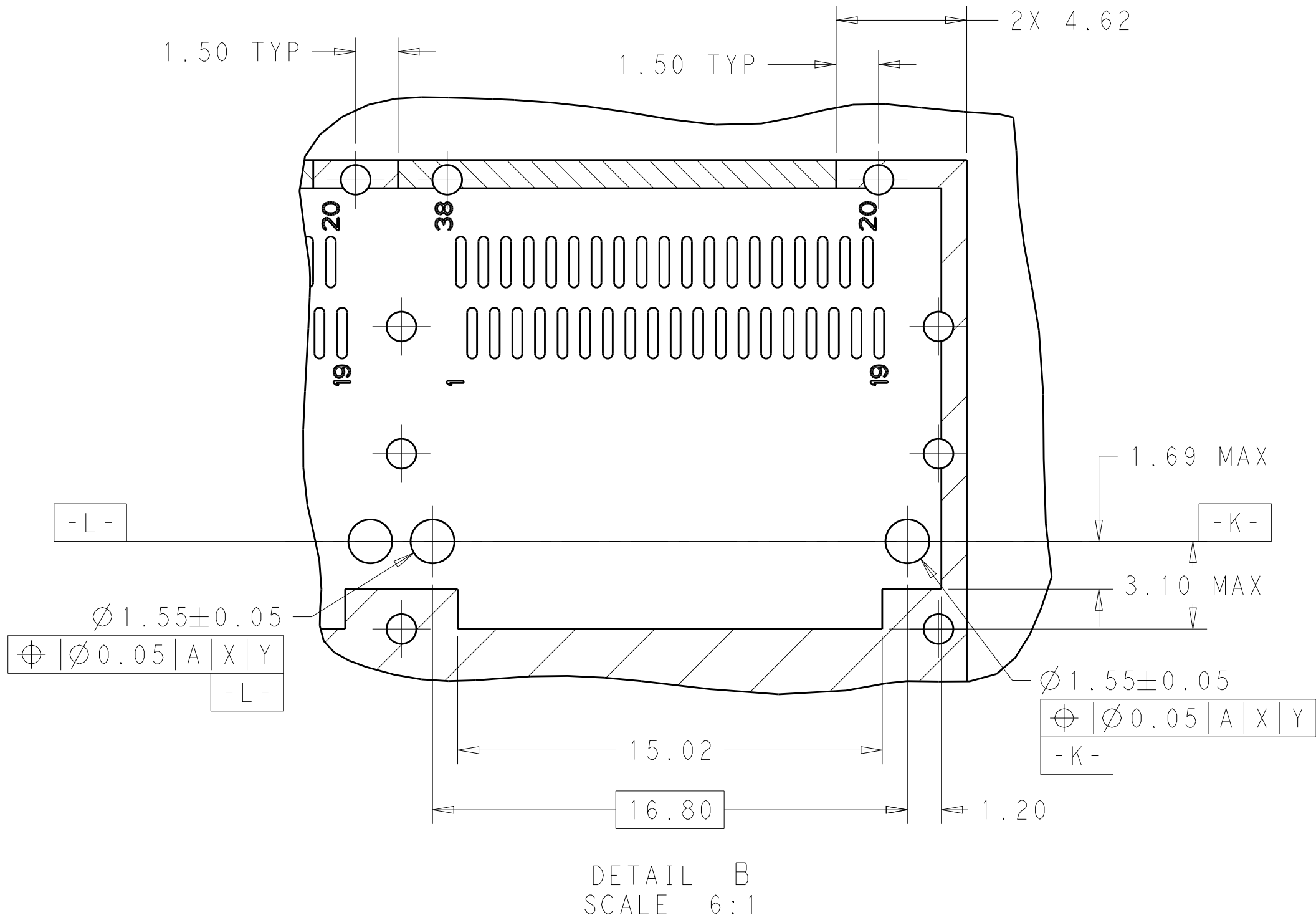
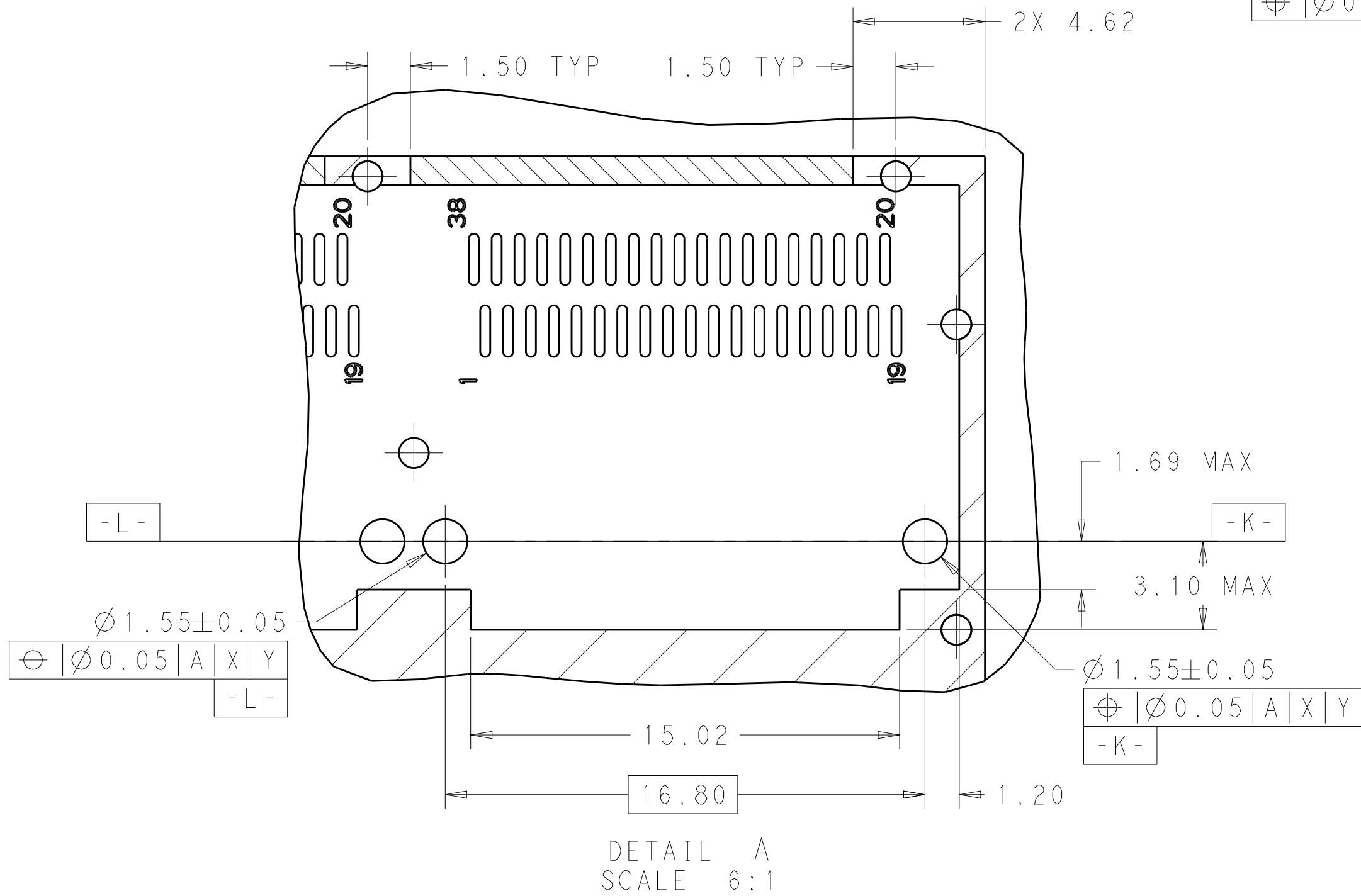
C

B

B

A

A



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 27JUN2018	TE Connectivity		
DIMENSIONS:		CHK SEAN HAN 27JUN2018			
mm		APVD SEAN HAN 27JUN2018	NAME CAGE ASSEMBLY, 1X6, QSFP28 WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, EMI SPRING		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-19428	SIZE A200779		
0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±°		APPLICATION SPEC 114-32023	CAGE CODE C-2338988		
FINISH SEE NOTES		WEIGHT -	DRAWING NO 114-32023		
MATERIAL SEE NOTES		RESTRICTED CUSTOMER	RESTRICTED TO		
		SCALE 3:1	SHEET 6 OF 7		
			REV A1		

1471-9 (3/13)