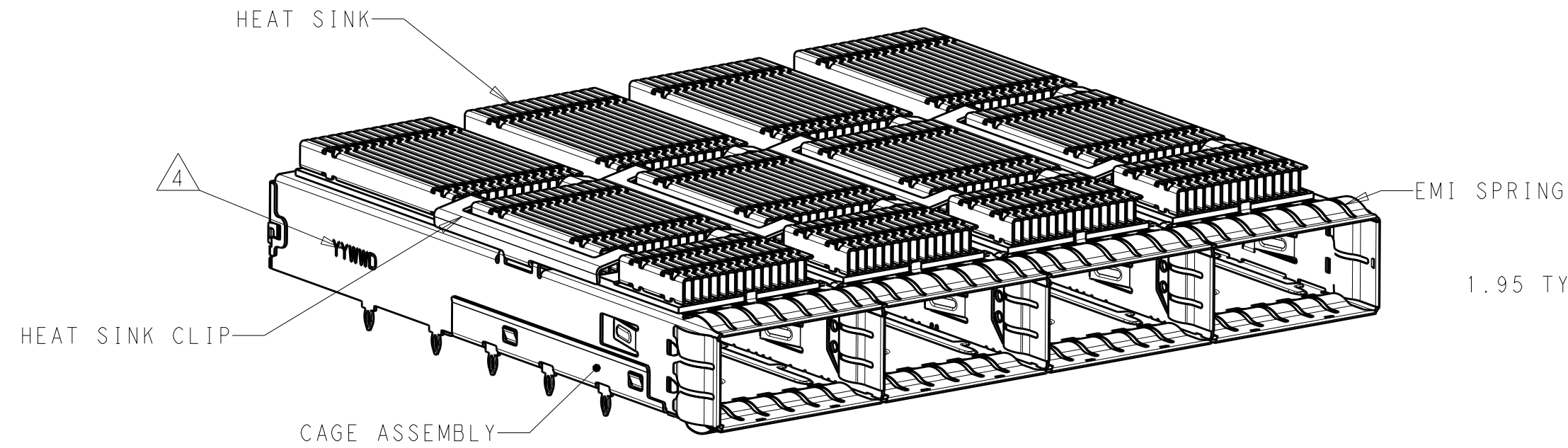
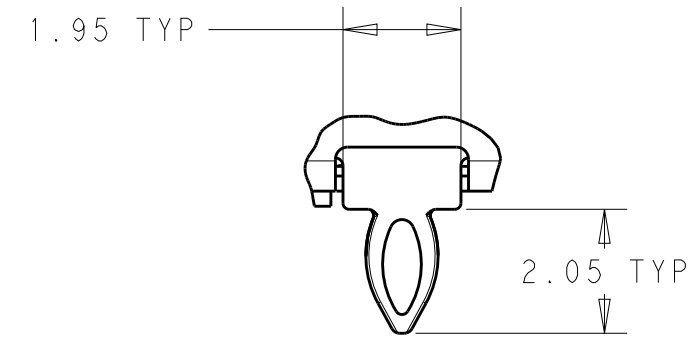


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	PRODUCTION RELEASE	13JUN2019	JW	SH

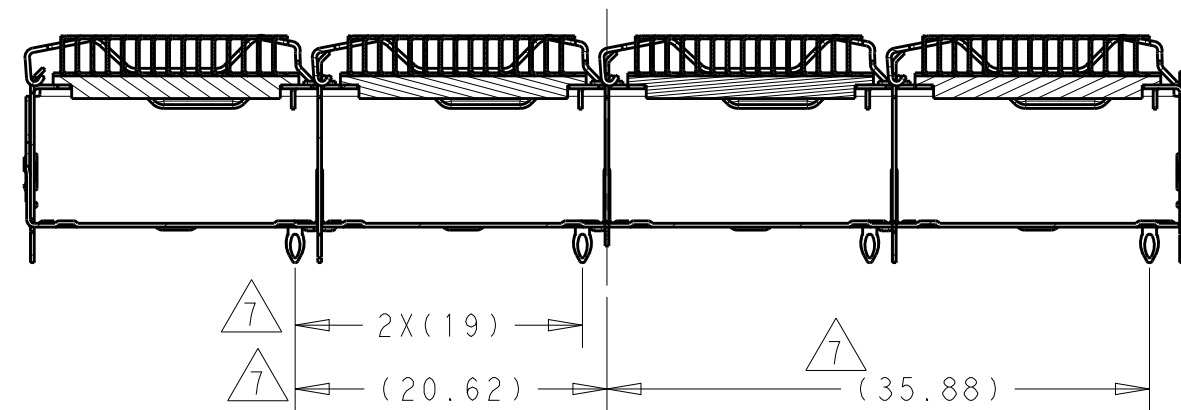
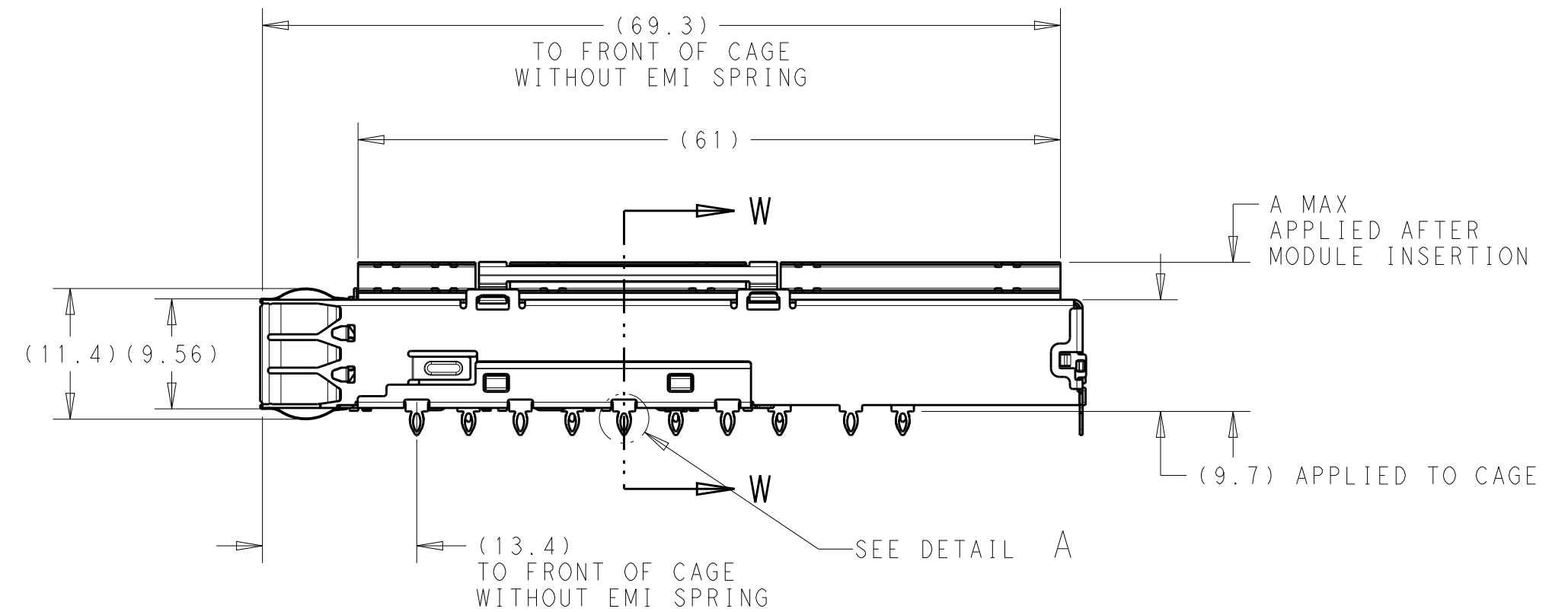
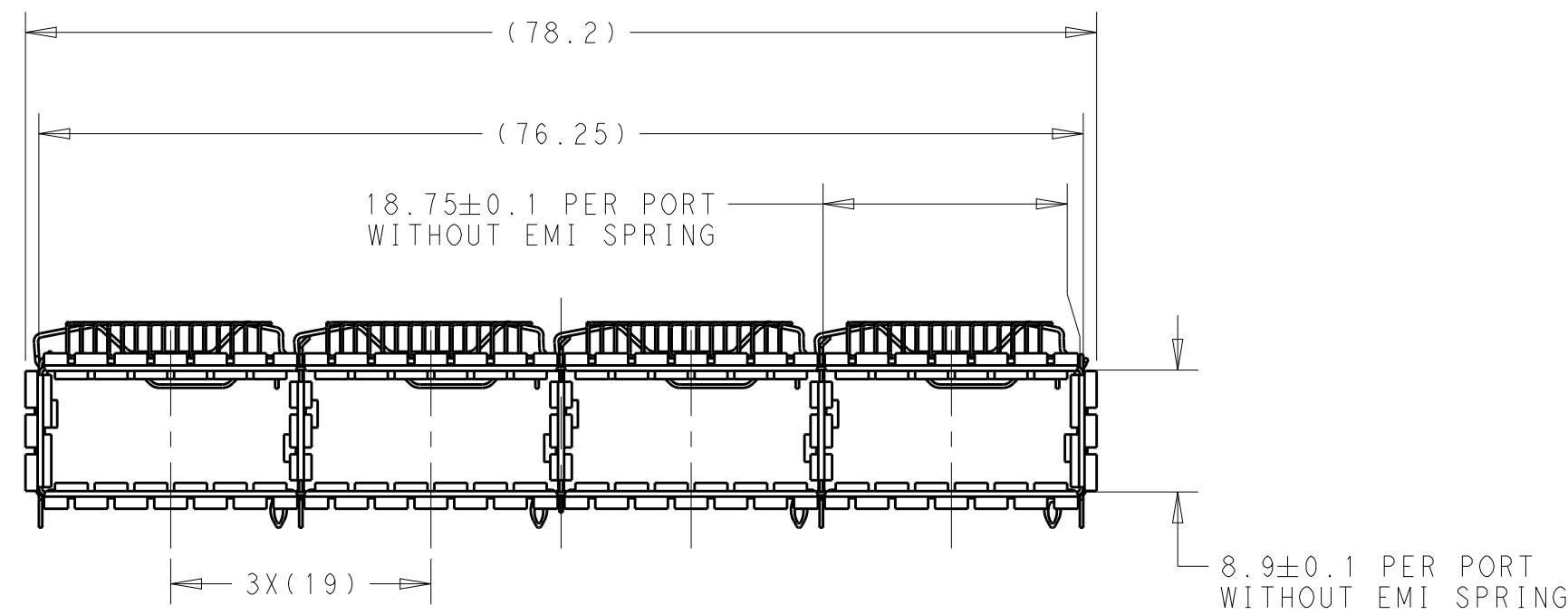


2343989-1 AS SHOWN



DETAIL A
SCALE 8:1

- 1 CAGE ASSEMBLY: STAINLESS STEEL.
HEAT SINK: ALUMINUM/NICKEL PLATE.
HEAT SINK CLIP: STAINLESS STEEL.
EMI SPRING: COPPER ALLOY/NICKEL PLATE.
- 2 REFERENCE APPLICATION SPECIFICATION 114-32023 FOR
RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
BOARD LAYOUT PER THIS PRINT.
- 3 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 4 DATE CODE (YYWW) MARKED APPROXIMATELY
AS SHOWN.
5. MATES WITH QSFP DD MSA COMPATIBLE TRANSCEIVER.
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.45 MIN
DOUBLE SIDED: 2.20 MIN
- 7 ONLY FOR VERSION WITH REAR EONS



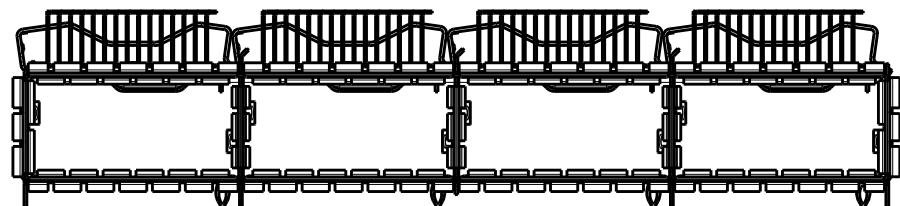
For 2343989-1/-2-3 WITH REAR EONS
SECTION W-W

W/O REAR EONS	23	1-2343989-3
W/O REAR EONS	16	1-2343989-2
W/O REAR EONS	13.7	1-2343989-1
W REAR EONS	19.75	2343989-6
W REAR EONS	15.55	2343989-5
W REAR EONS	23	2343989-3
W REAR EONS	16	2343989-2
W REAR EONS	13.7	2343989-1
VERSION	DIM A	PART NUMBER

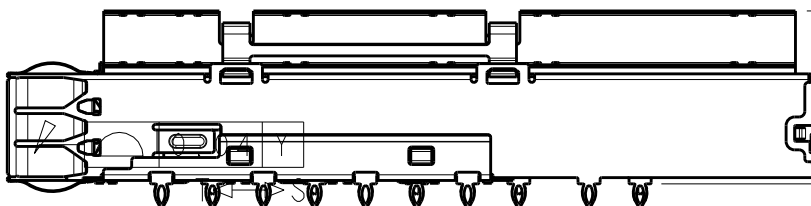
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG 10OCT2018	TE Connectivity			
DIMENSIONS:		CHK S. HAN 10OCT2018				
mm		APVD S. HAN 10OCT2018	NAME CAGE WITH HEATSINK THRU BEZEL, 1X4, QSFP DD			
		PRODUCT SPEC	SIZE A2			
		APPLICATION SPEC	CAGE CODE -			
MATERIAL		WEIGHT	DRAWING NO C-2343989			
-1		CUSTOMER DRAWING	RESTRICTED TO -			
TOLERANCES UNLESS OTHERWISE SPECIFIED:			SCALE 2:1			
0 PLC ±0.25			SHEET 1 OF 6			
1 PLC ±0.25			REV A			
2 PLC ±0.25						
3 PLC ±						
4 PLC ±						
ANGLES ±						
FINISH -1						

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

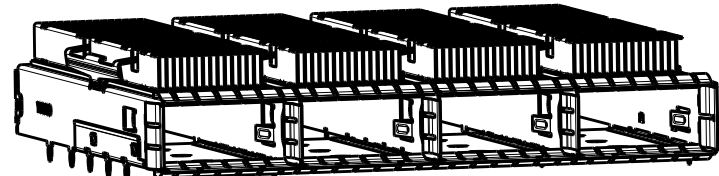
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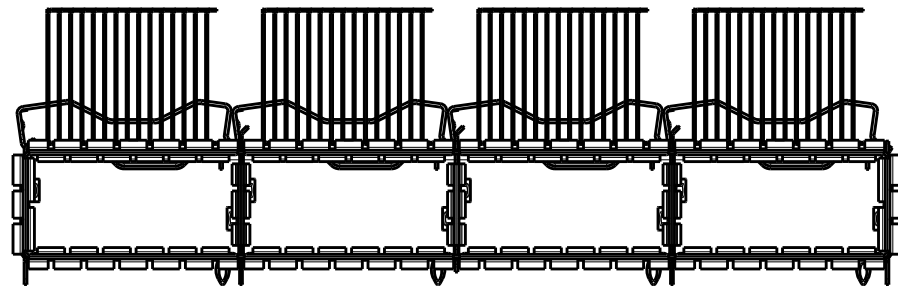
2343989-2
UNMARKED DIMENSIONS SAME AS 2343989-1
SCALE 3:2



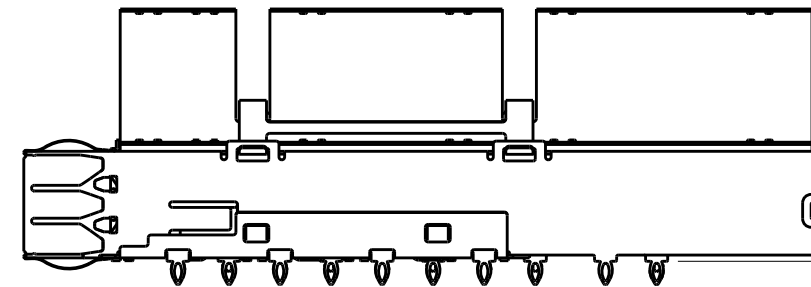
A MAX
AFTER MODULE
INSERTION



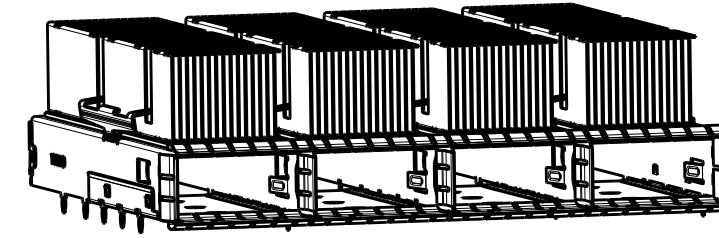
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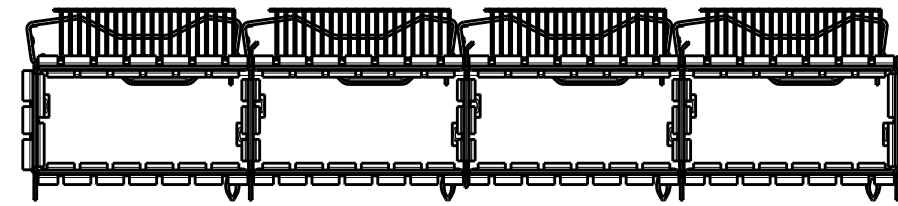
2343989-3
UNMARKED DIMENSIONS SAME AS 2343989-1
SCALE 3:2



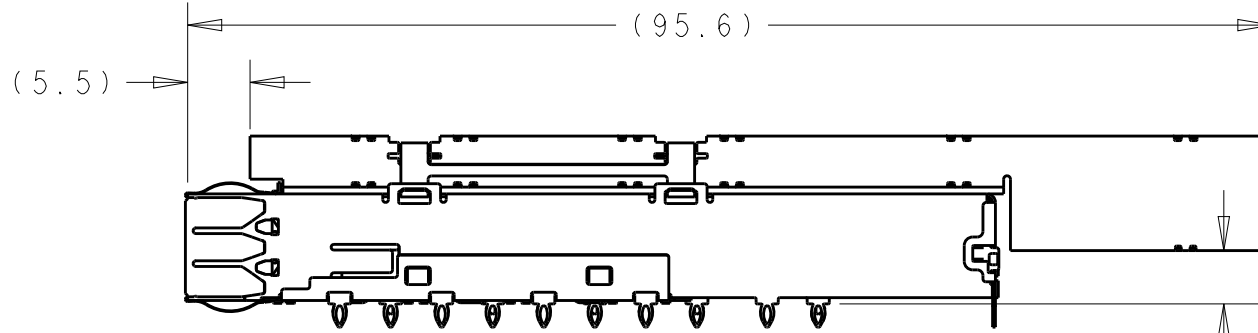
A MAX
AFTER MODULE
INSERTION



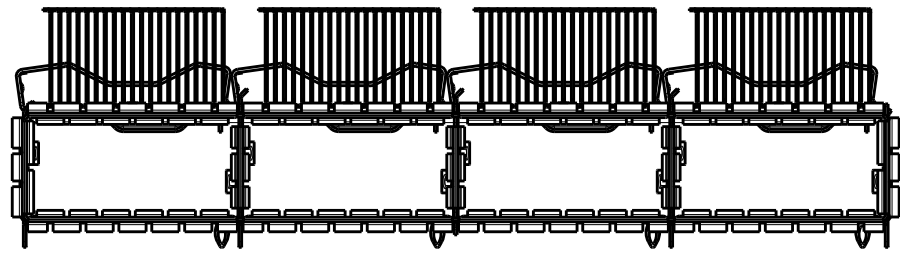
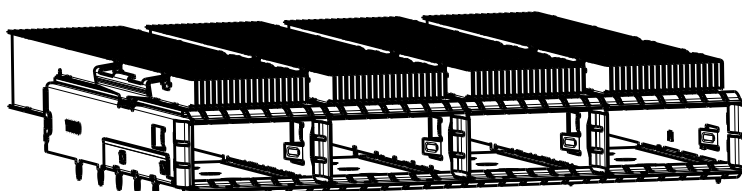
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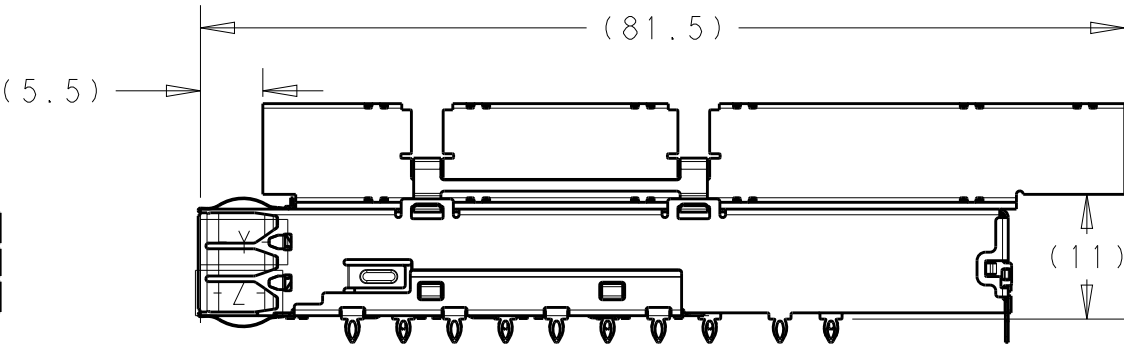
2343989-5
UNMARKED DIMENSIONS SAME AS 2343989-3
SCALE 3:2



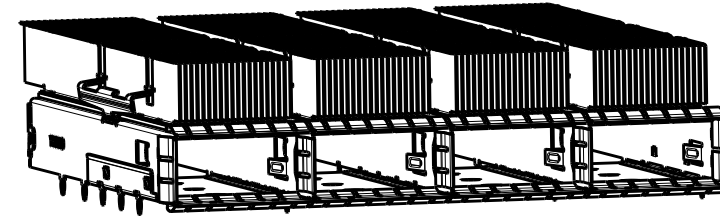
A MAX
AFTER MODULE
INSETION



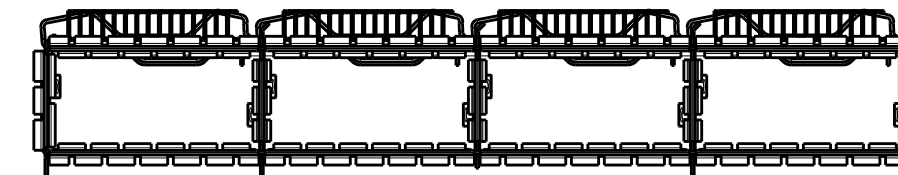
2343989-6
UNMARKED DIMENSIONS SAME AS 2343989-3
SCALE 3:2
SCALE 3:2



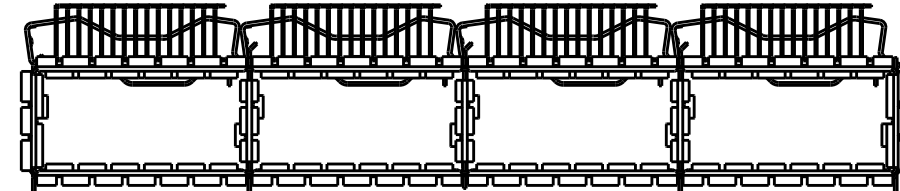
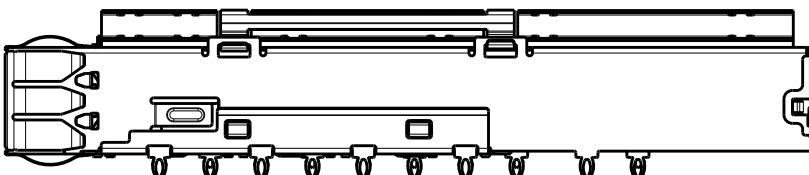
A MAX
(11) AFTER MODULE
INSETION



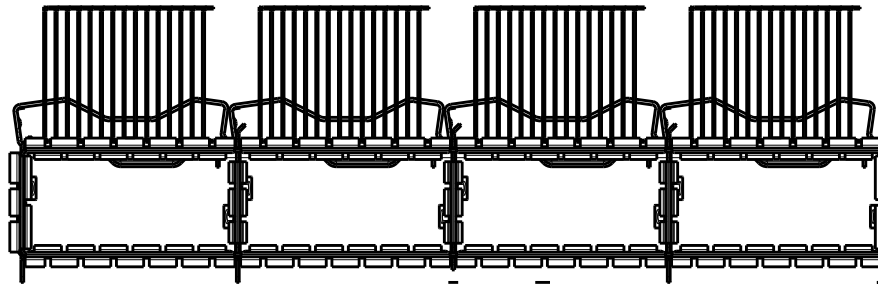
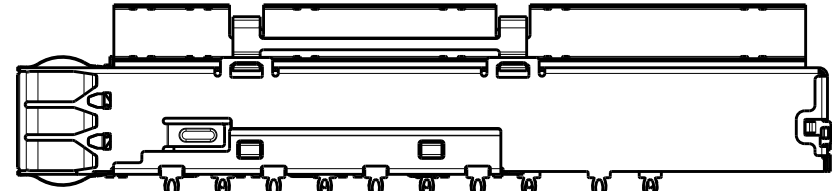
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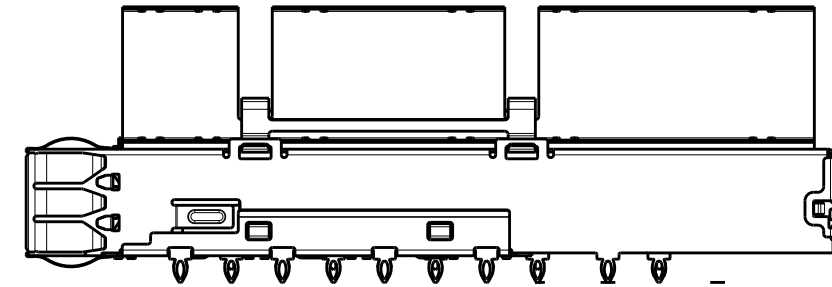
1-2343989-1
WITHOUT REAR EONS
UNMARKED DIMENSIONS SAME AS 2343989-1
SCALE 3:2



1-2343989-2
WITHOUT REAR EONS
UNMARKED DIMENSIONS SAME AS 2343989-2
SCALE 3:2



1-2343989-3
WITHOUT REAR EONS
UNMARKED DIMENSIONS SAME AS 2343989-3
SCALE 3:2



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN J. WANG 10OCT2018
CHK S. HAN 10OCT2018
APVD S. HAN 10OCT2018

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

CUSTOMER DRAWING

TE Connectivity

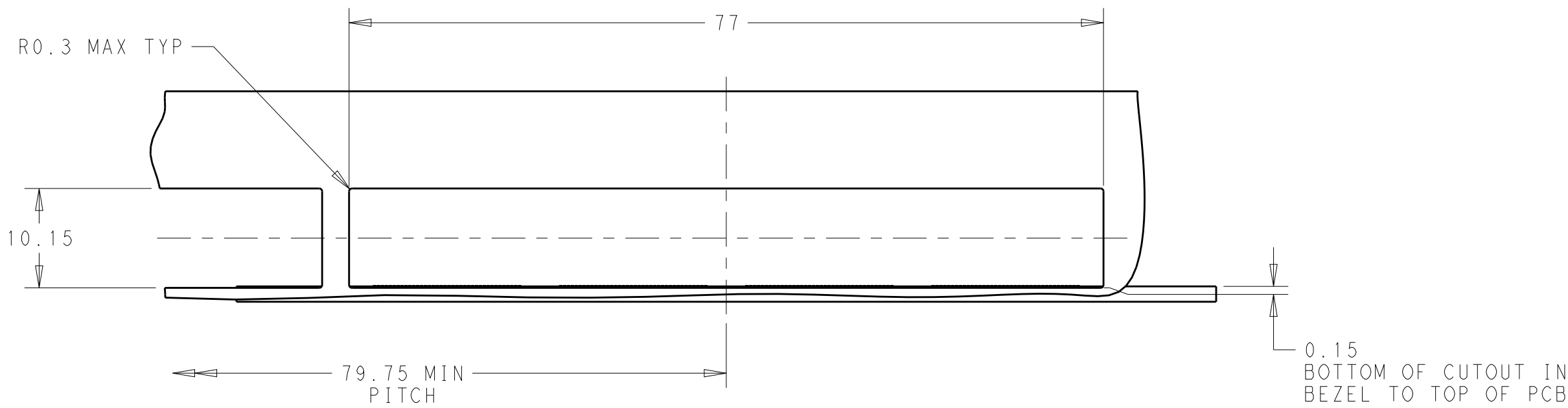
NAME
CAGE WITH HEATSINK
THRU BEZEL, 1X4, QSFP DD

SIZE A2
CAGE CODE -
DRAWING NO C-2343989
RESTRICTED TO -

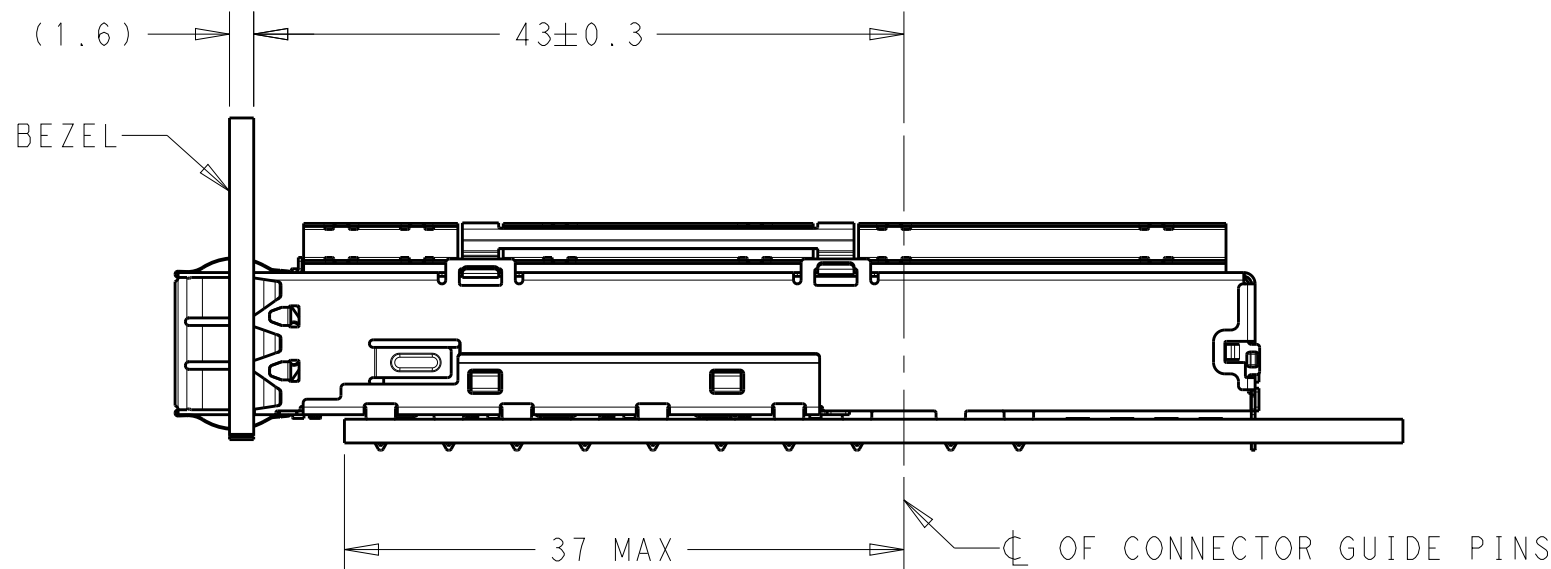
SCALE 2:1
SHEET 2 OF 6
REV A

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

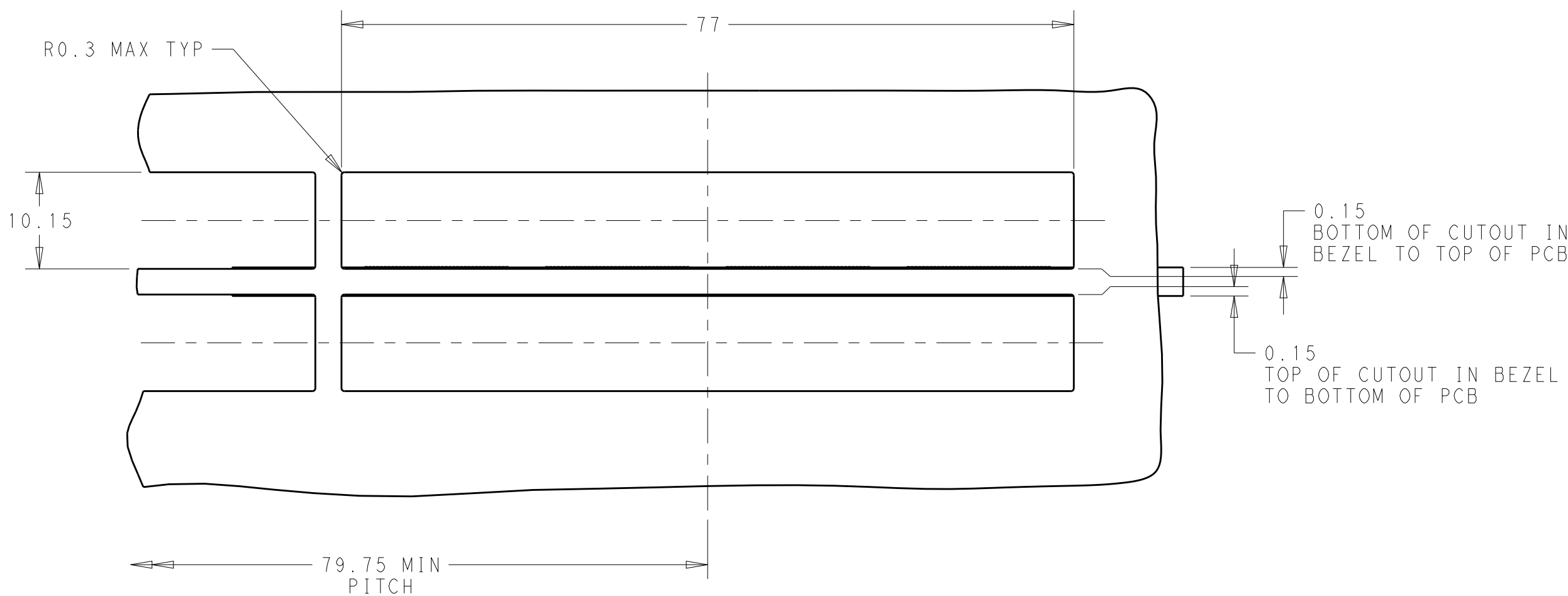
D



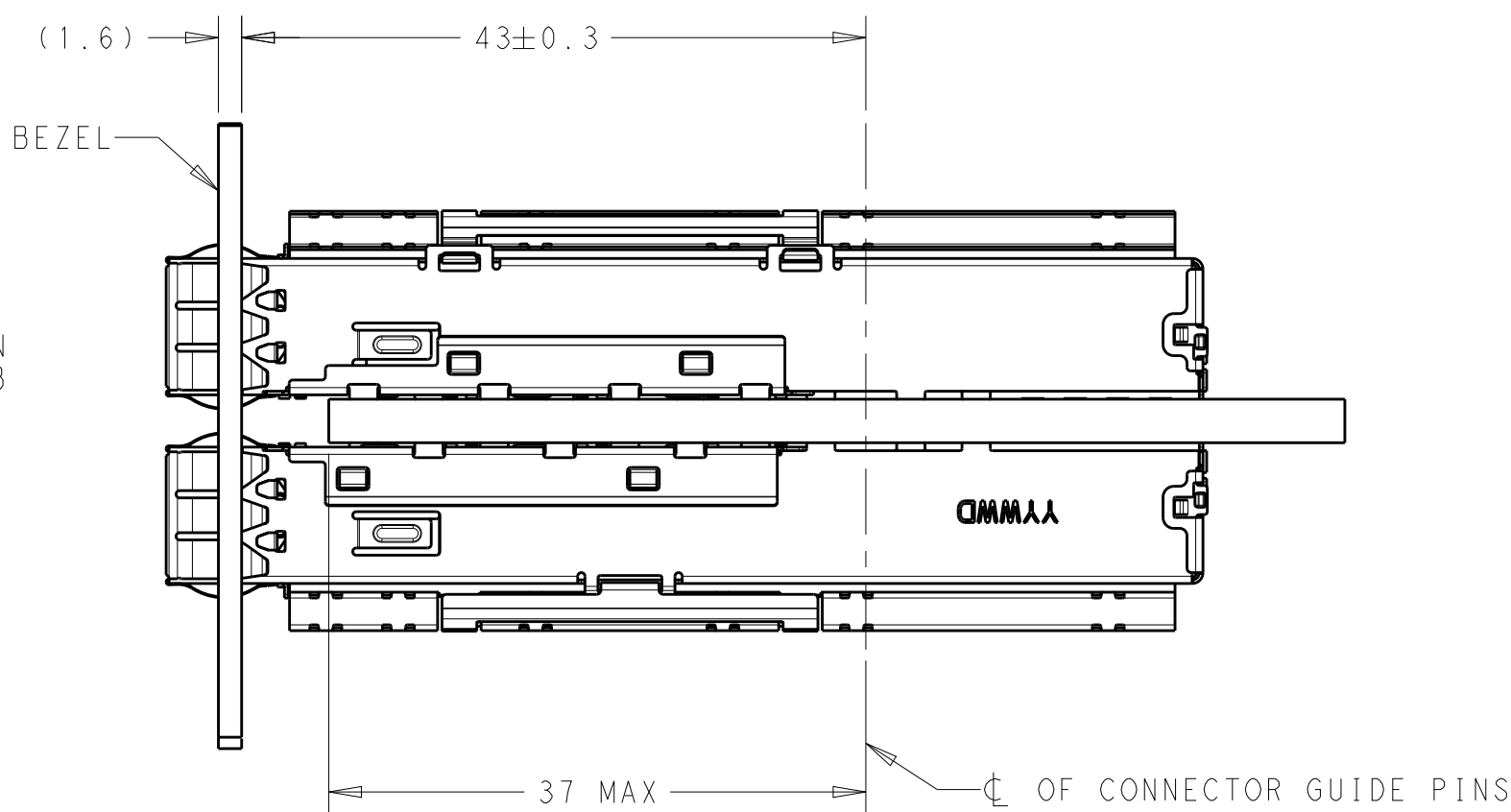
CAGE ASSEMBLY OMITTED FOR CLARITY



SINGLE SIDE MOUNTING



CAGE ASSEMBLY OMITTED FOR CLARITY



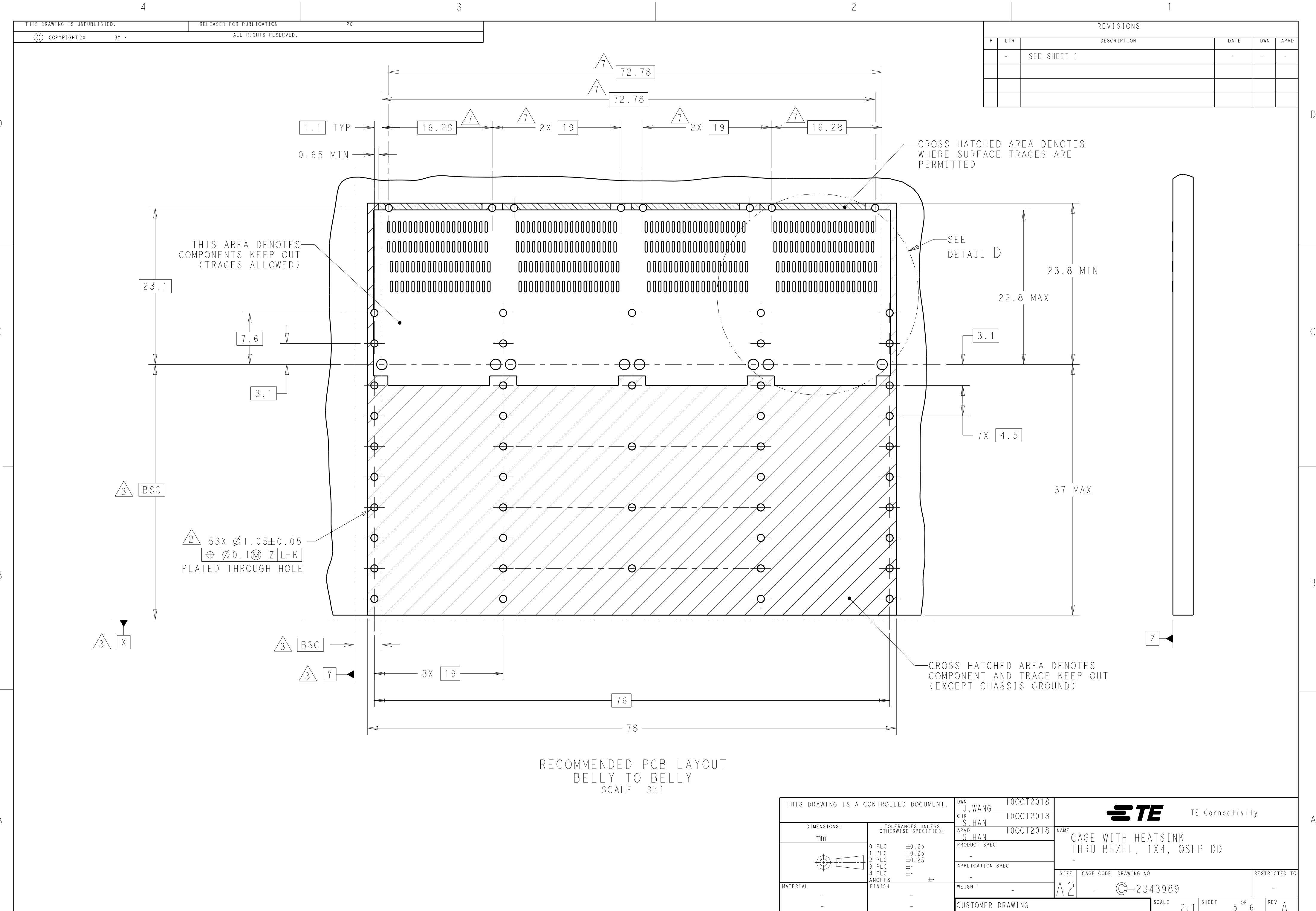
BELLY TO BELLY MOUNTING

A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG	10OCT2018	TE Connectivity											
		CHK S. HAN	10OCT2018												
		APVD S. HAN	10OCT2018	NAME CAGE WITH HEATSINK THRU BEZEL, 1X4, QSFP DD											
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:													
		0 PLC ±0.25		PRODUCT SPEC		SIZE A2		CAGE CODE -		DRAWING NO C=2343989		RESTRICTED TO -			
		1 PLC ±0.25		-											
		2 PLC ±0.25		APPLICATION SPEC											
		3 PLC ±		-											
		4 PLC ±		-											
ANGLES		±		WEIGHT		-		CUSTOMER DRAWING		SCALE		2:1			
MATERIAL		FINISH		-		-		SHEET		3 OF 6		REV		A	
-		-													
-		-													

A

1471-9 (3/13)



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

RECOMMENDED PCB LAYOUT
BELLY TO BELLY
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG	10OCT2018	TE Connectivity		
		CHK S. HAN	10OCT2018			
		APVD S. HAN	10OCT2018	NAME CAGE WITH HEATSINK THRU BEZEL, 1X4, QSFP DD		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
				APPLICATION SPEC		
				WEIGHT		
MATERIAL		FINISH		CUSTOMER DRAWING		
				SCALE 2:1 SHEET 5 OF 6 REV A		

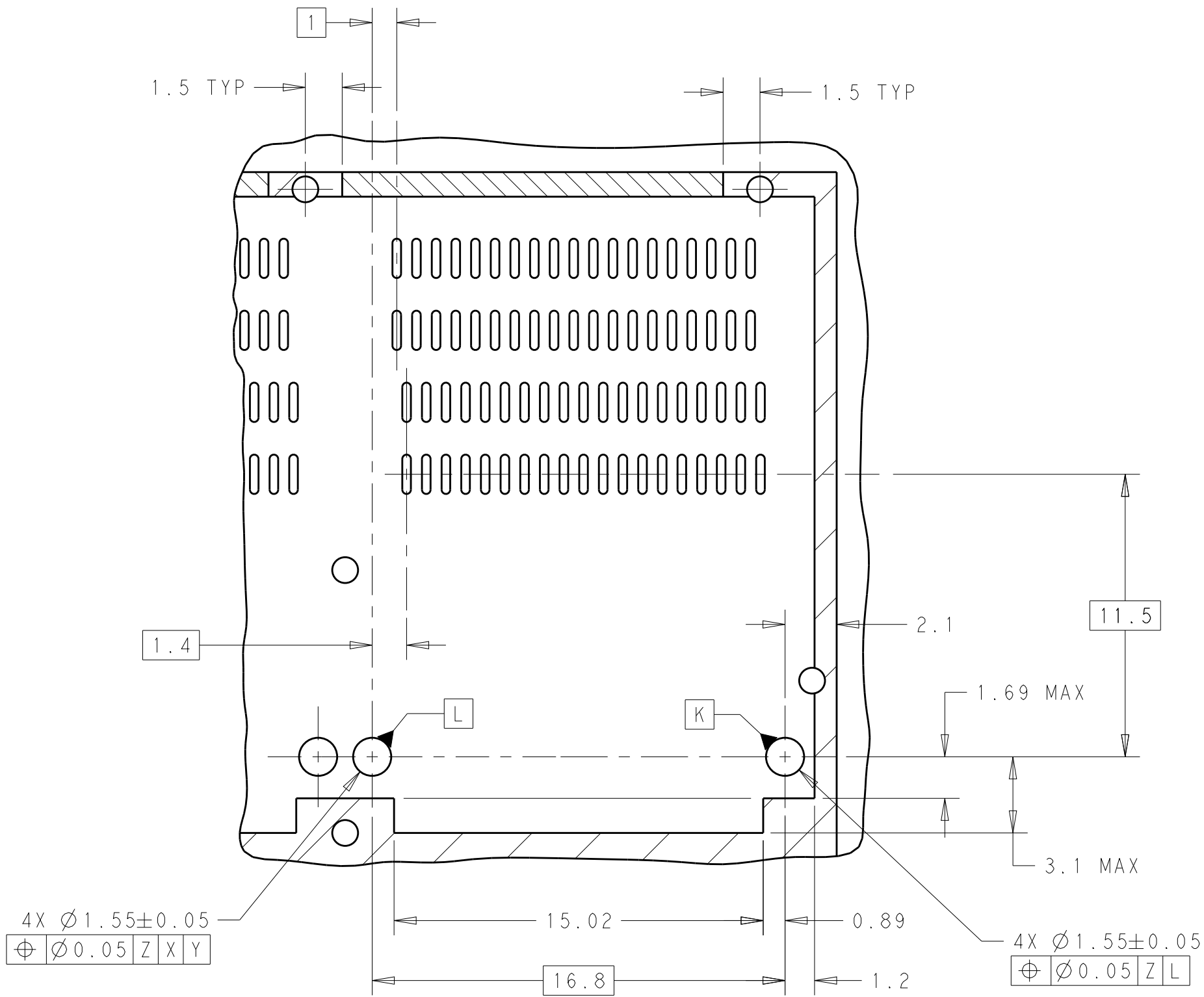
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

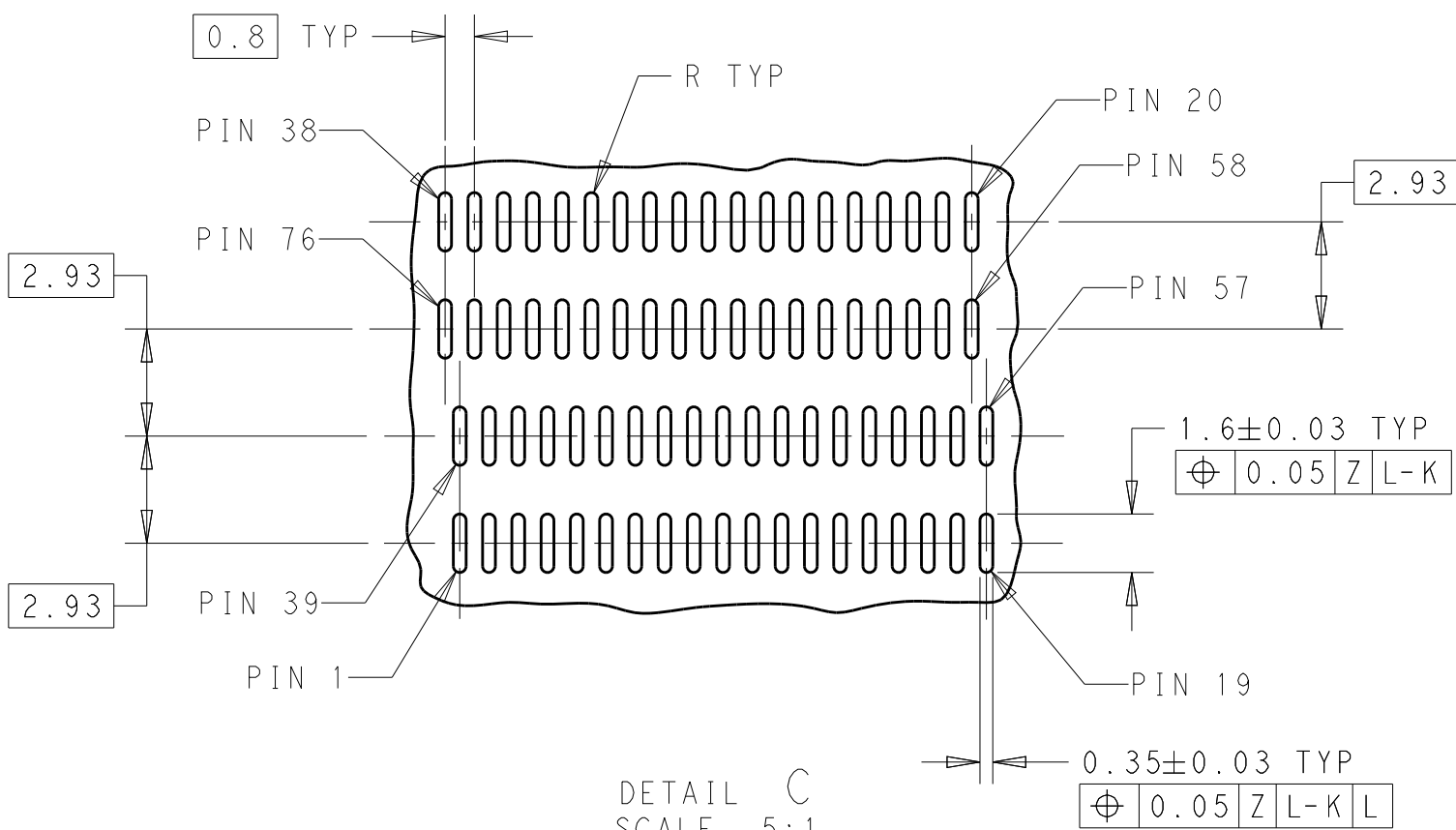
C

B

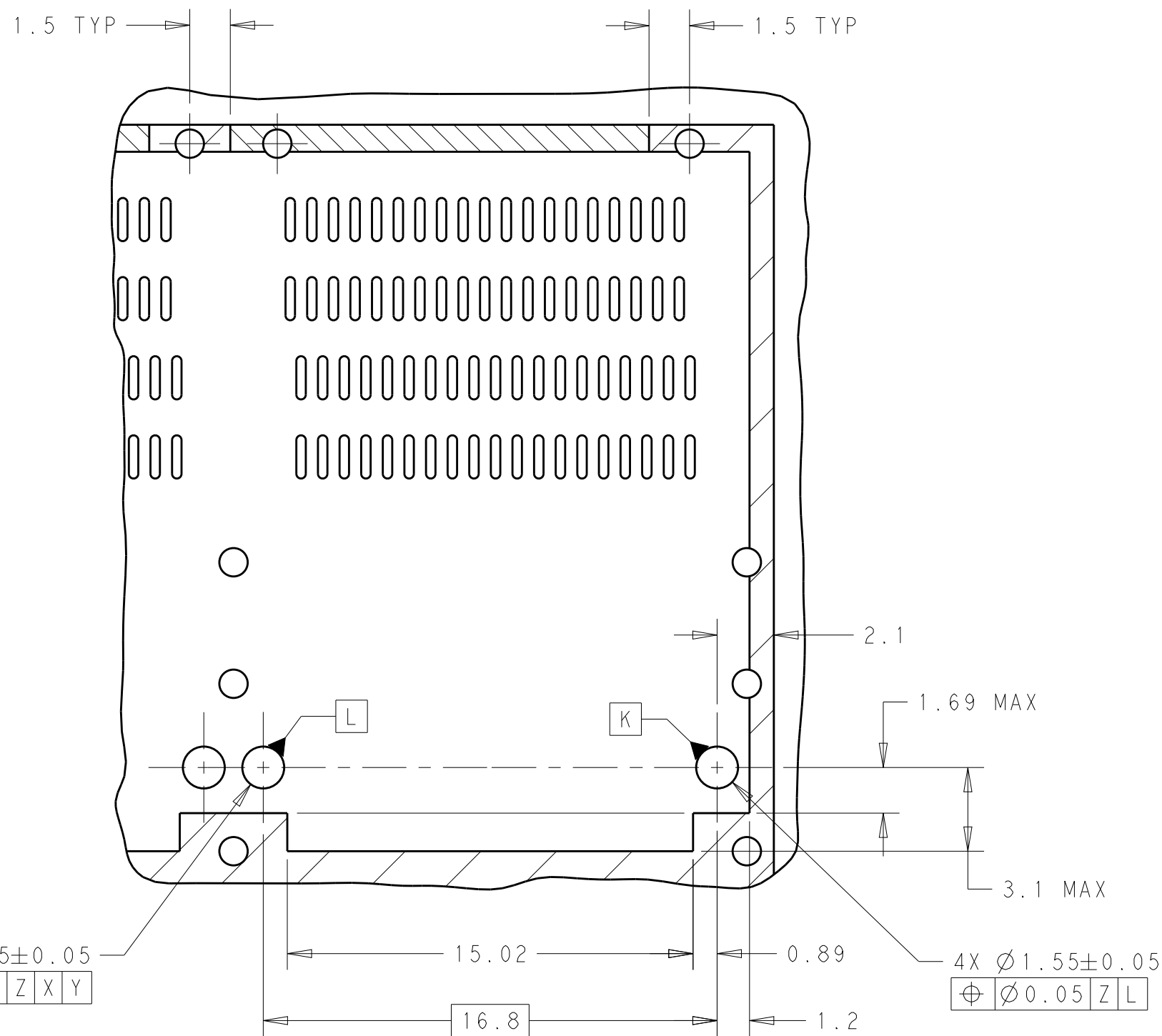
A



DETAIL B
SCALE 5:1



DETAIL C
SCALE 5:1



DETAIL D
SCALE 5:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. WANG	10OCT2018	TE Connectivity		
		CHK S. HAN	10OCT2018			
		APVD S. HAN	10OCT2018	NAME CAGE WITH HEATSINK THRU BEZEL, 1X4, QSFP DD		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A2		
		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ± FINISH ±		CAGE CODE -		
MATERIAL -				DRAWING NO C-2343989		
				RESTRICTED TO -		
				SCALE 2:1 SHEET 6 OF 6 REV A		
				CUSTOMER DRAWING		

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[TE Connectivity:](#)

[2343989-2](#)