

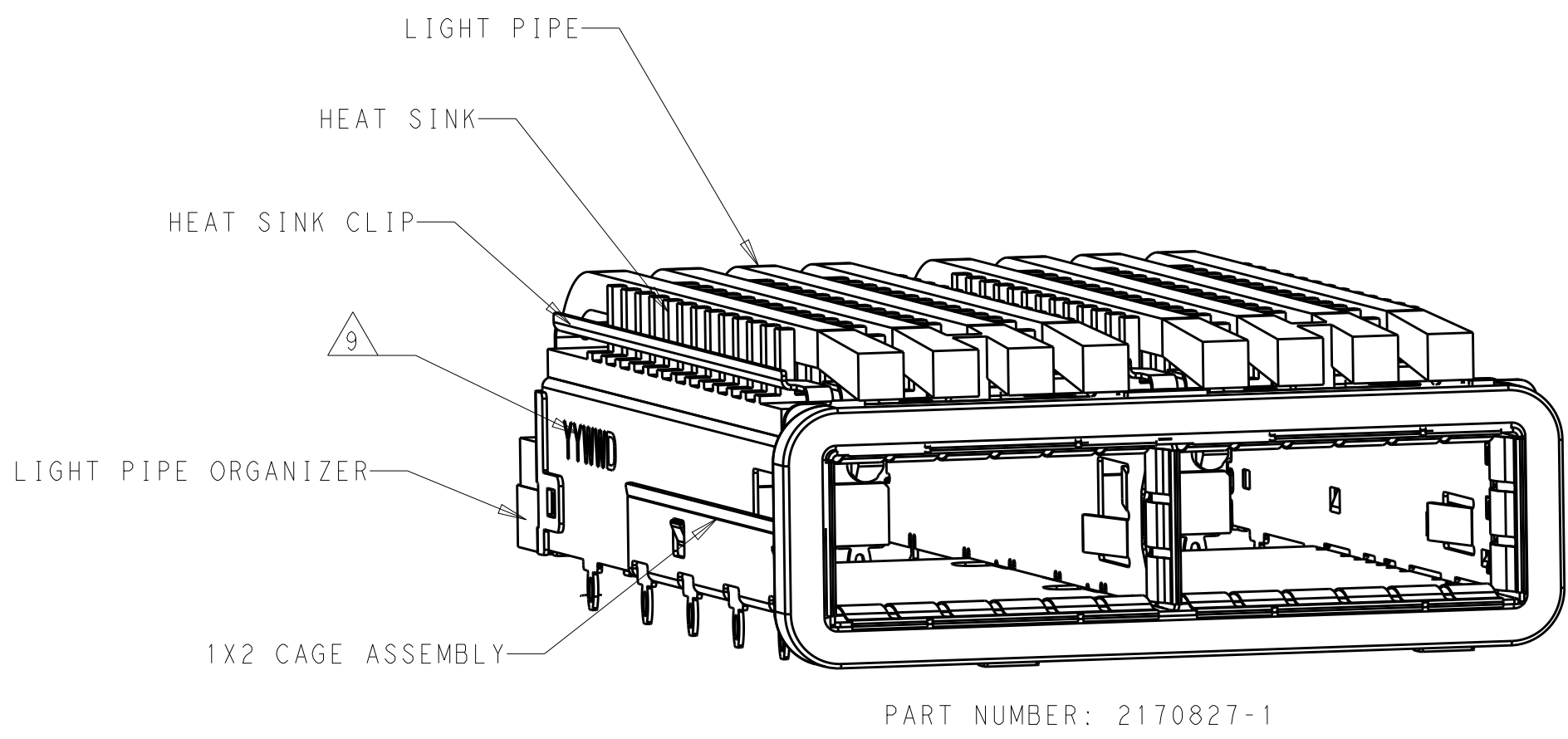
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASE	09NOV2016	JY	SH

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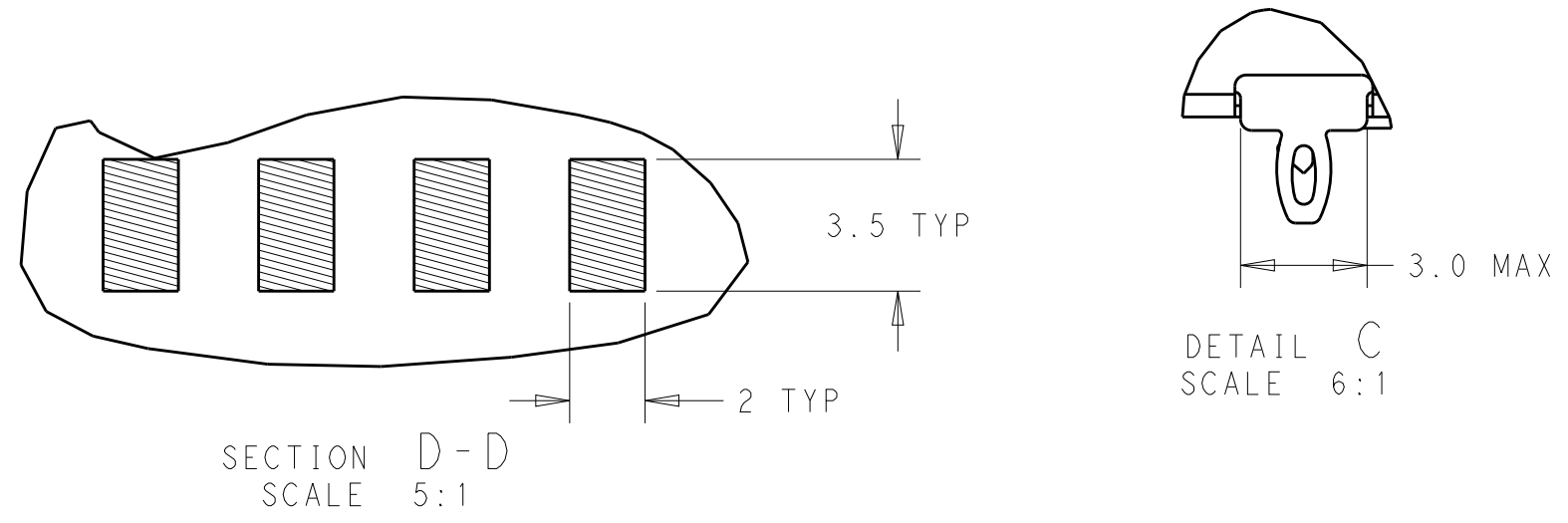
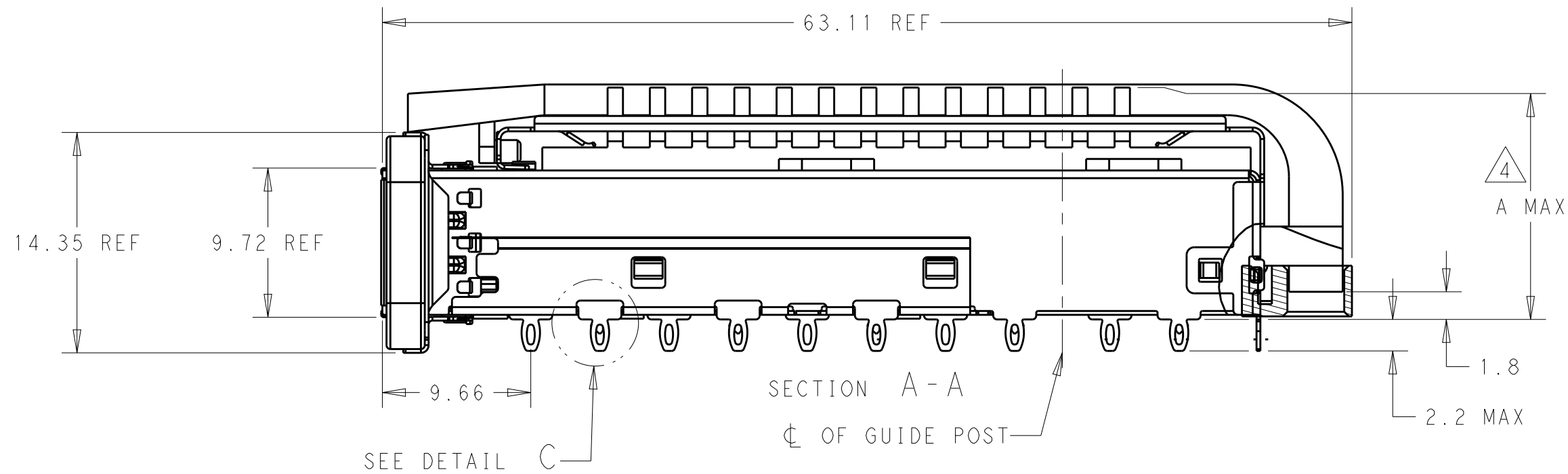
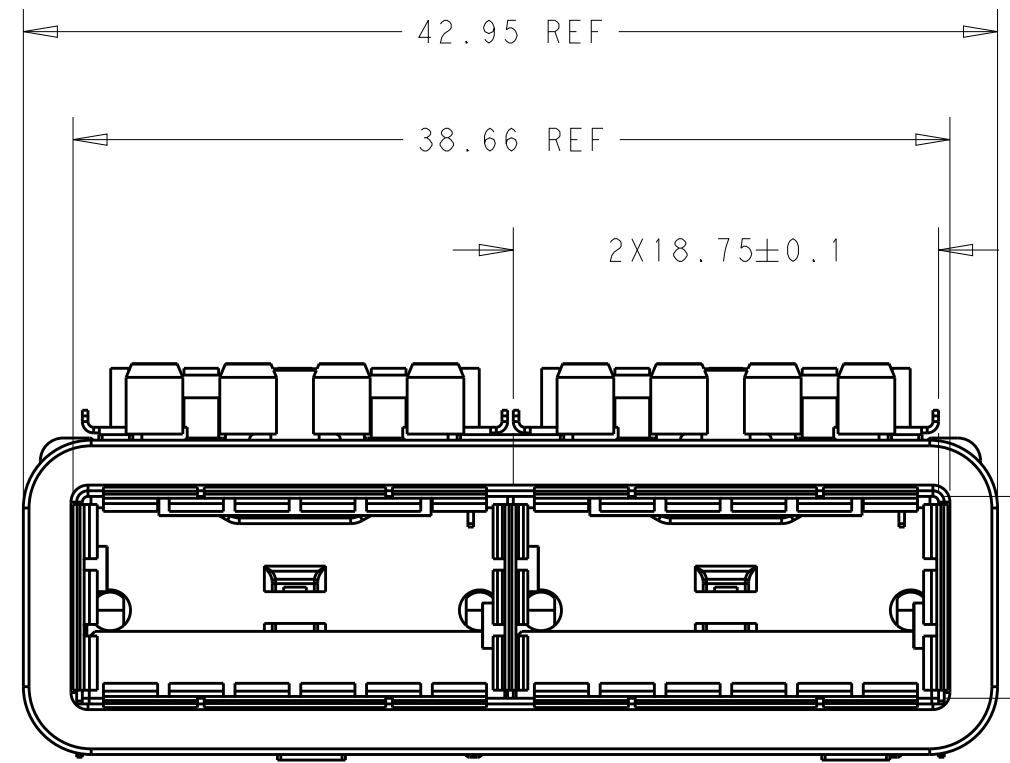
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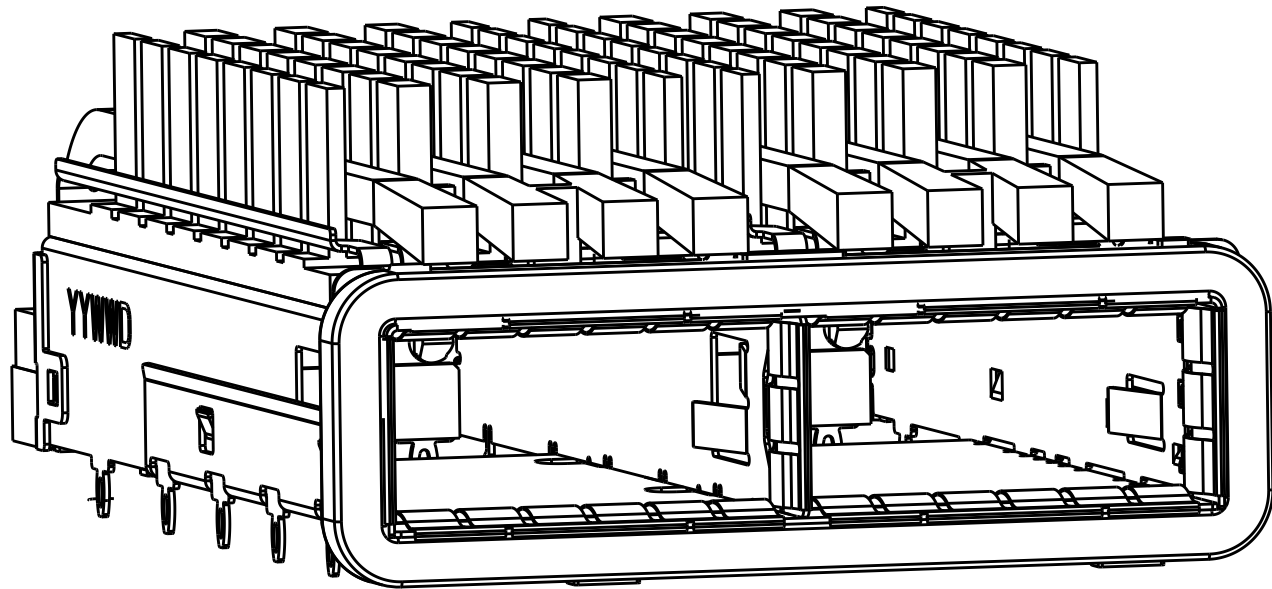
1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE
EMI GASKET: PLATED FILLED SILICONE
2. REFERENCE APPLICATION SPECIFICATION 114-32023 FOR RECOMMENDED DRILL HOLE DIAMETER 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: 3.00 MIN
7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
8. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
9. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
10. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.



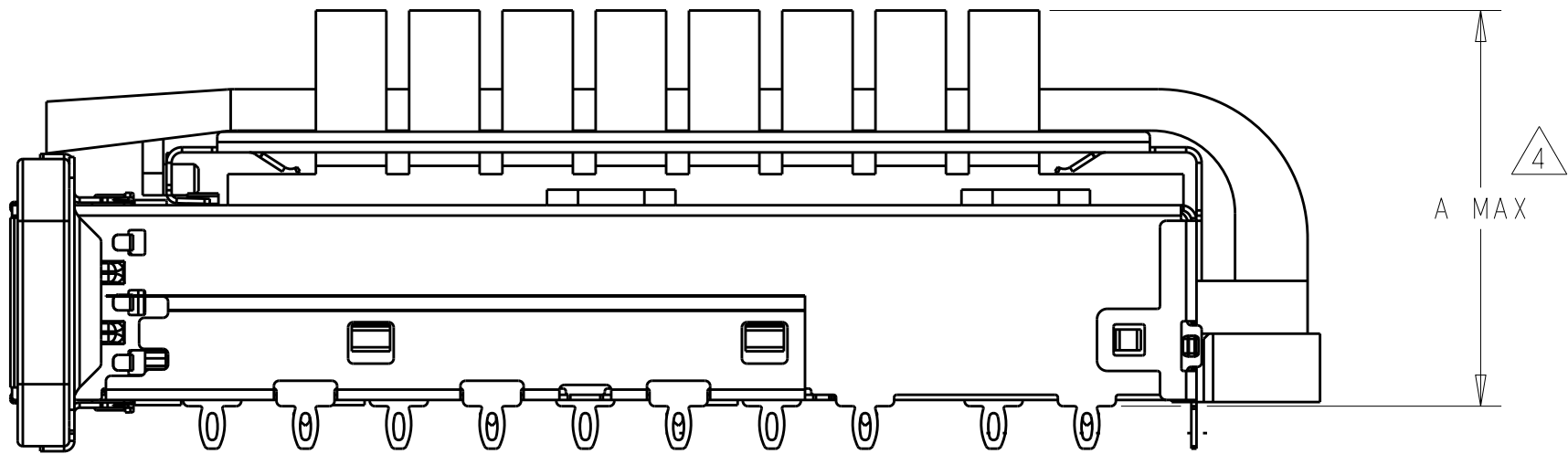
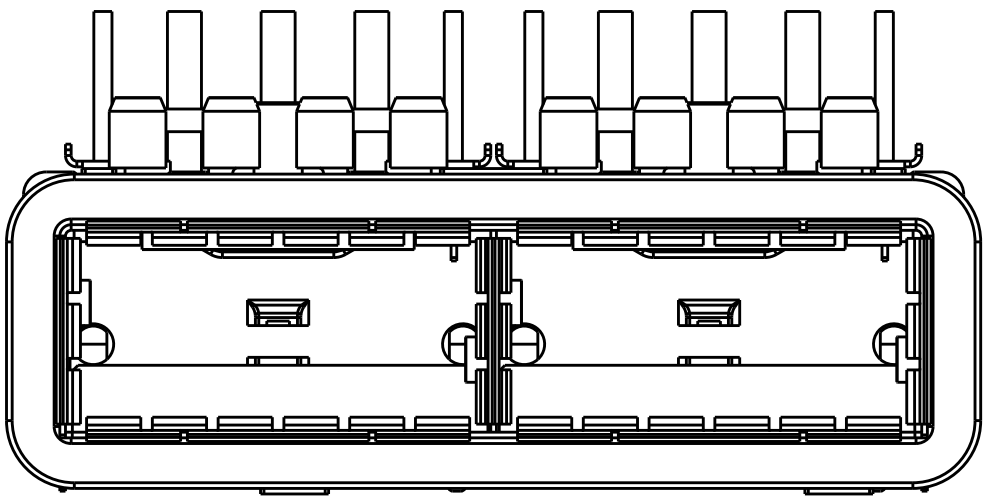
CUSTOMERIZED HEAT SINK	N	20.0	2170827-4
CUSTOMERIZED HEAT SINK	Y	20.0	2170827-3
SAN HEAT SINK	N	16.0	2170827-2
SAN HEAT SINK	Y	16.0	2170827-1
HEAT SINK APPLICATION	ORGANIZER	DIM A MAX	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 02NOV2015 CHK SEAN HAN 02NOV2015 APVD MARSHALL CHEN 02NOV2015	STE TE Connectivity			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET			
MATERIAL	SEE NOTES	SEE NOTES	SIZE A200779	CAGE CODE C-2170827	DRAWING NO	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 3:1	SHEET 1 OF 8	REV A	

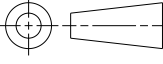
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



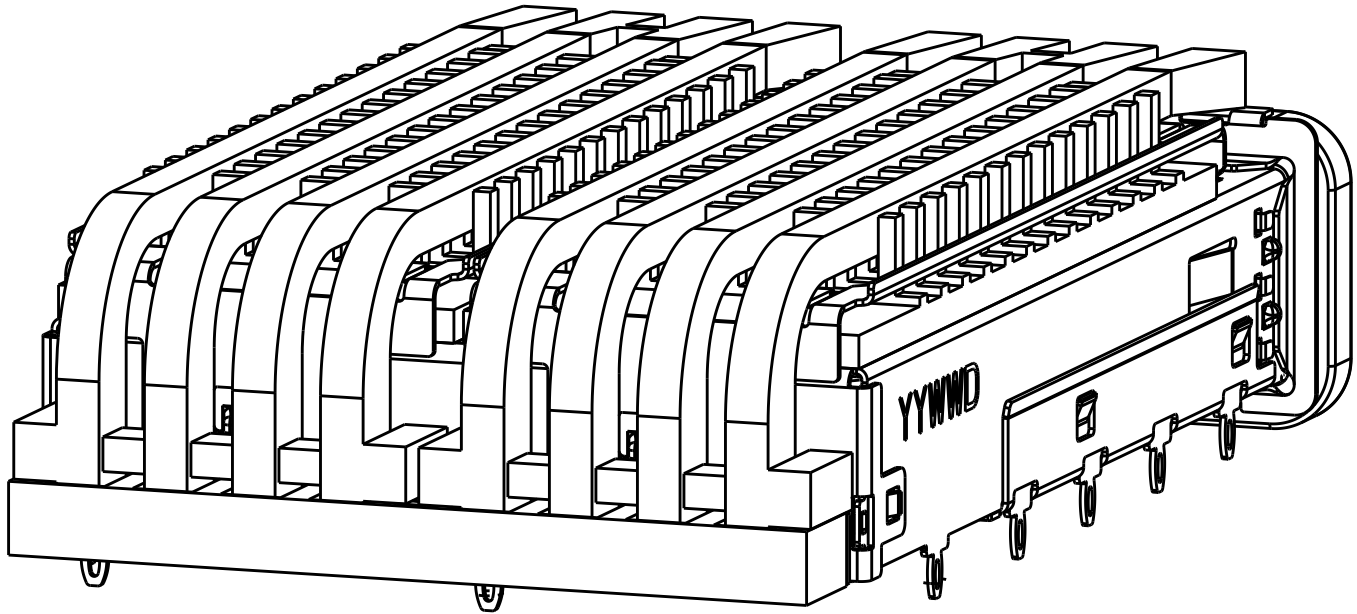
2170827-3 WITH CUSTOMIZED HEAT SINK
SCALE 3:1



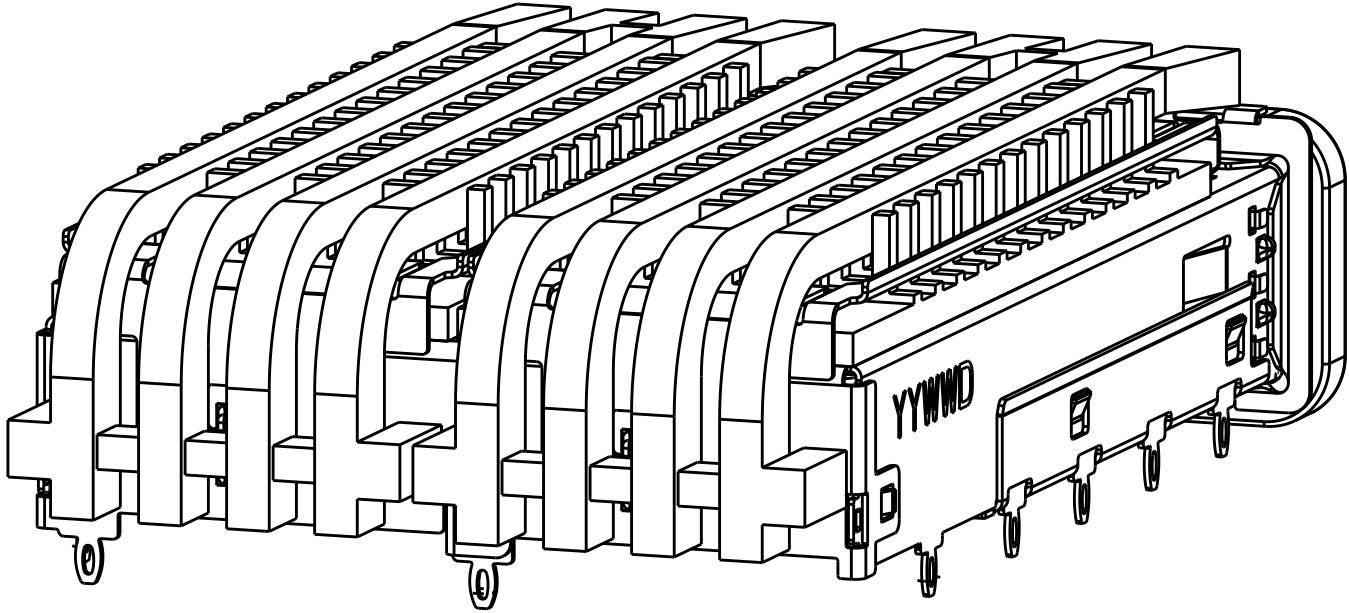
2170827-3 AS SHOWN
OTHER DIMENSIONS ARE SAME AS 2170827-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 02NOV2015	 TE Connectivity					
		CHK SEAN HAN 02NOV2015						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD MARSHALL CHEN 02NOV2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET				
		0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC 108-19428	SIZE A200779		CAGE CODE C-2170827	DRAWING NO 114-32023	RESTRICTED TO -
		FINISH ±	WEIGHT -					
MATERIAL SEE NOTES material_2		FINISH SEE NOTES finish_spec_2	CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 8	REV A	

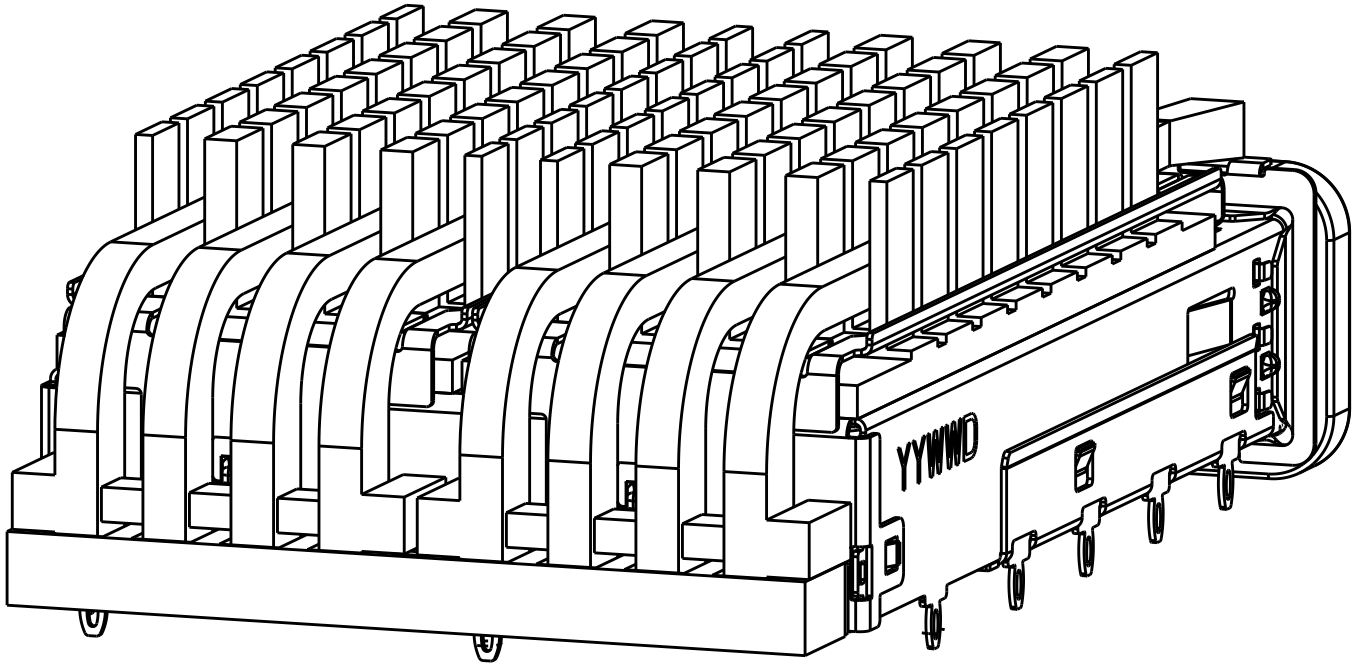
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



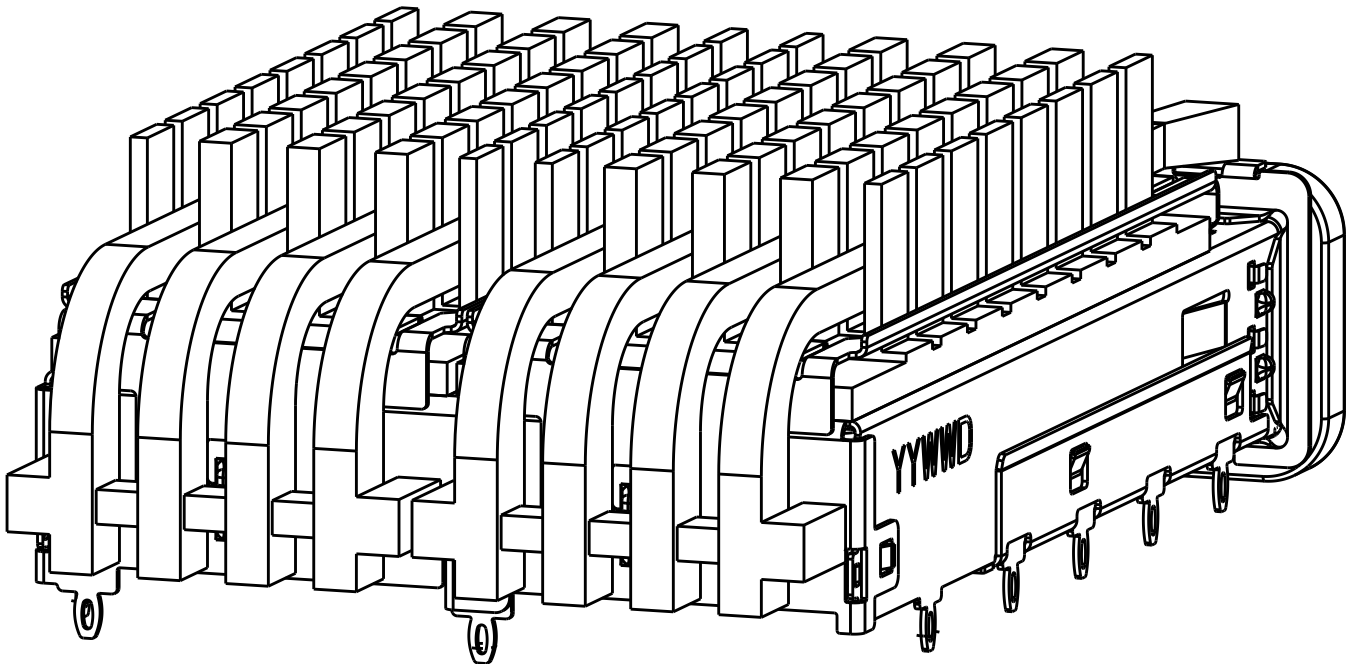
SCALE 3:1
2170827-1 AS SHOWN



SCALE 3:1
2170827-2 AS SHOWN



SCALE 3:1
2170827-3 AS SHOWN



SCALE 3:1
2170827-4 AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 02NOV2015	TE Connectivity			
DIMENSIONS: mm		CHK SEAN HAN 02NOV2015				
		APVD MARSHALL CHEN 02NOV2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET			
		PRODUCT SPEC 108-19428	SIZE A200779			
MATERIAL SEE NOTES material_2		APPLICATION SPEC 114-32023	CAGE CODE C-2170827		DRAWING NO	RESTRICTED TO
FINISH SEE NOTES finish_spec_2		WEIGHT -	CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 8
					REV A	

D

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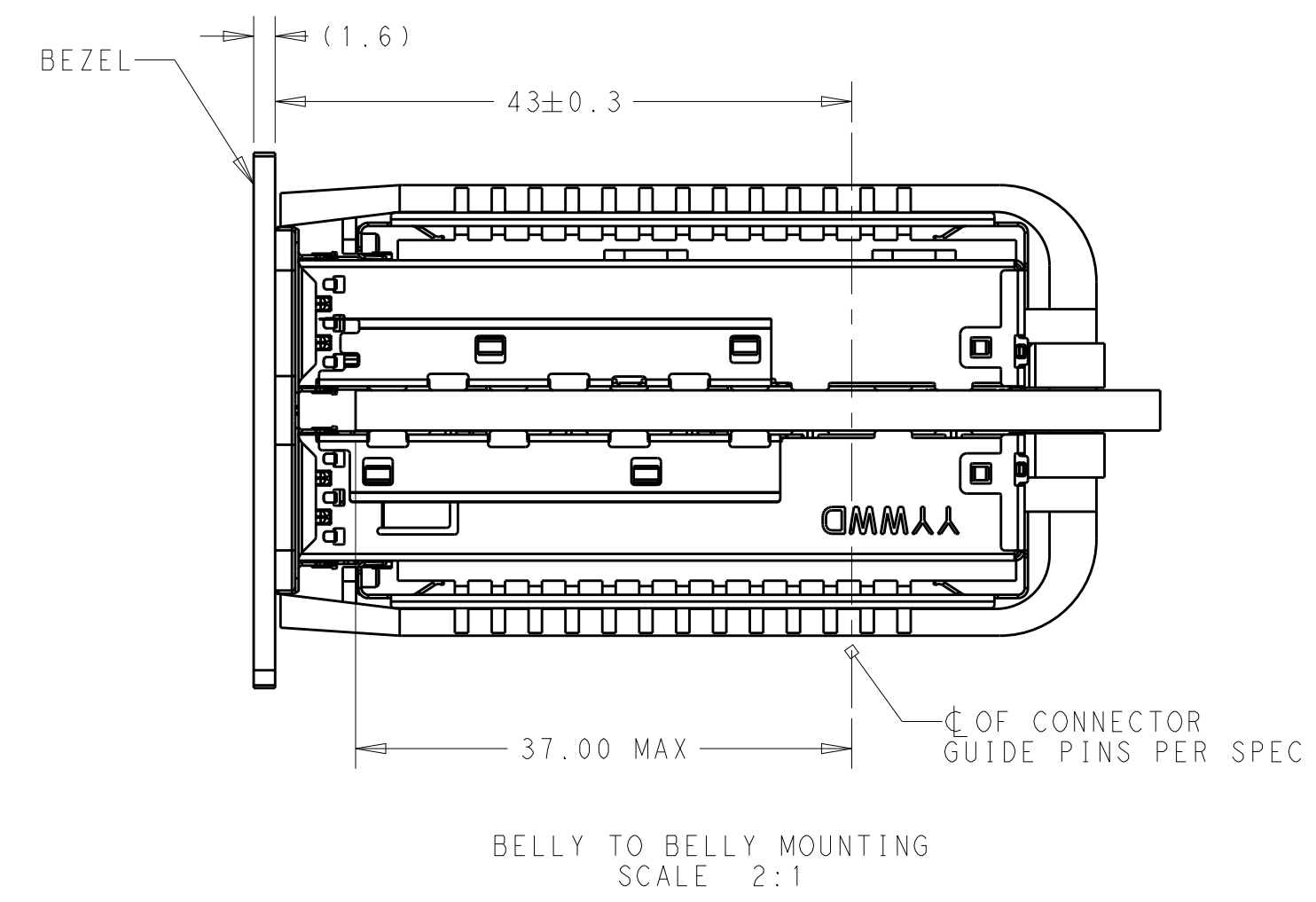
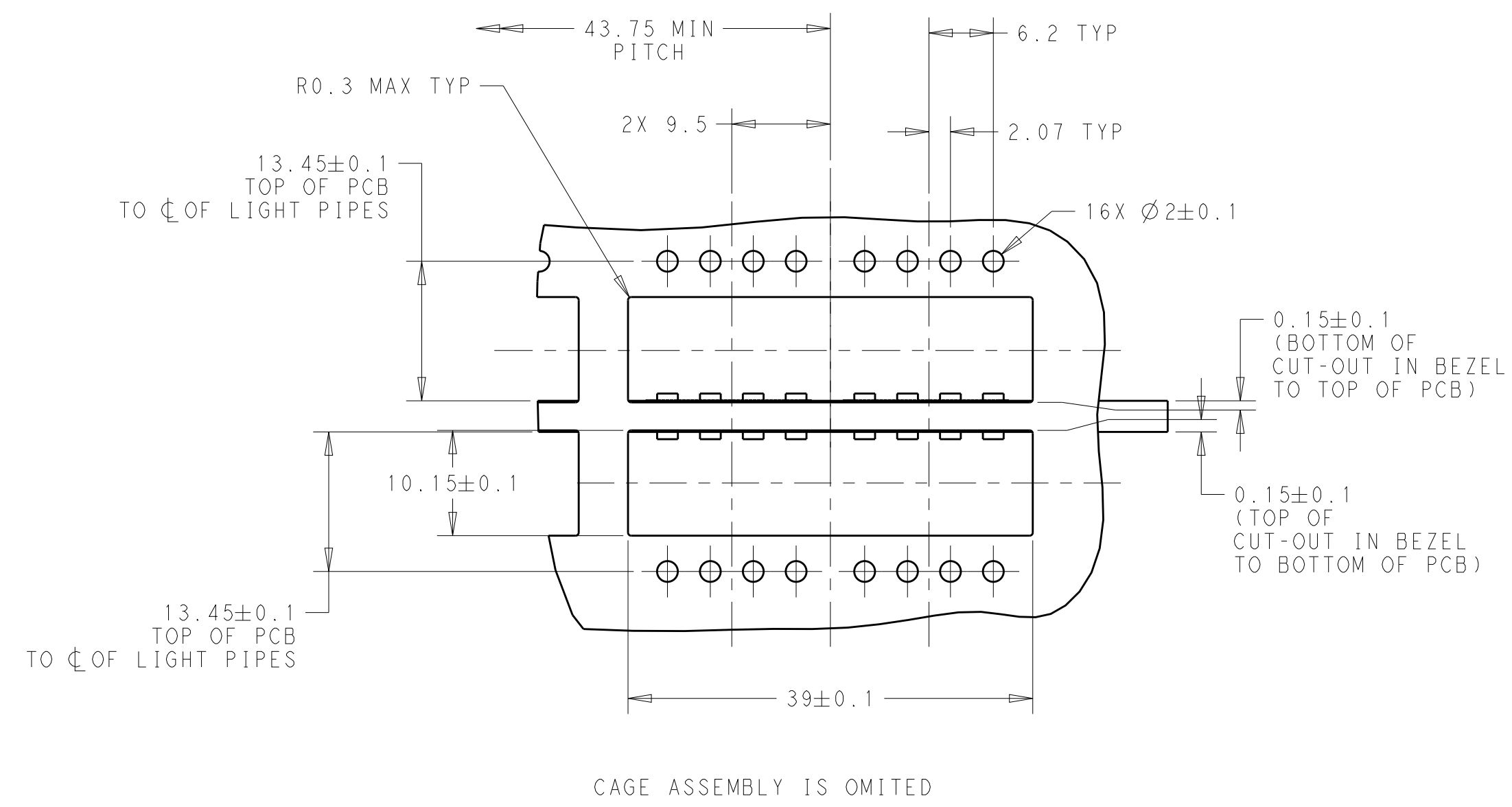
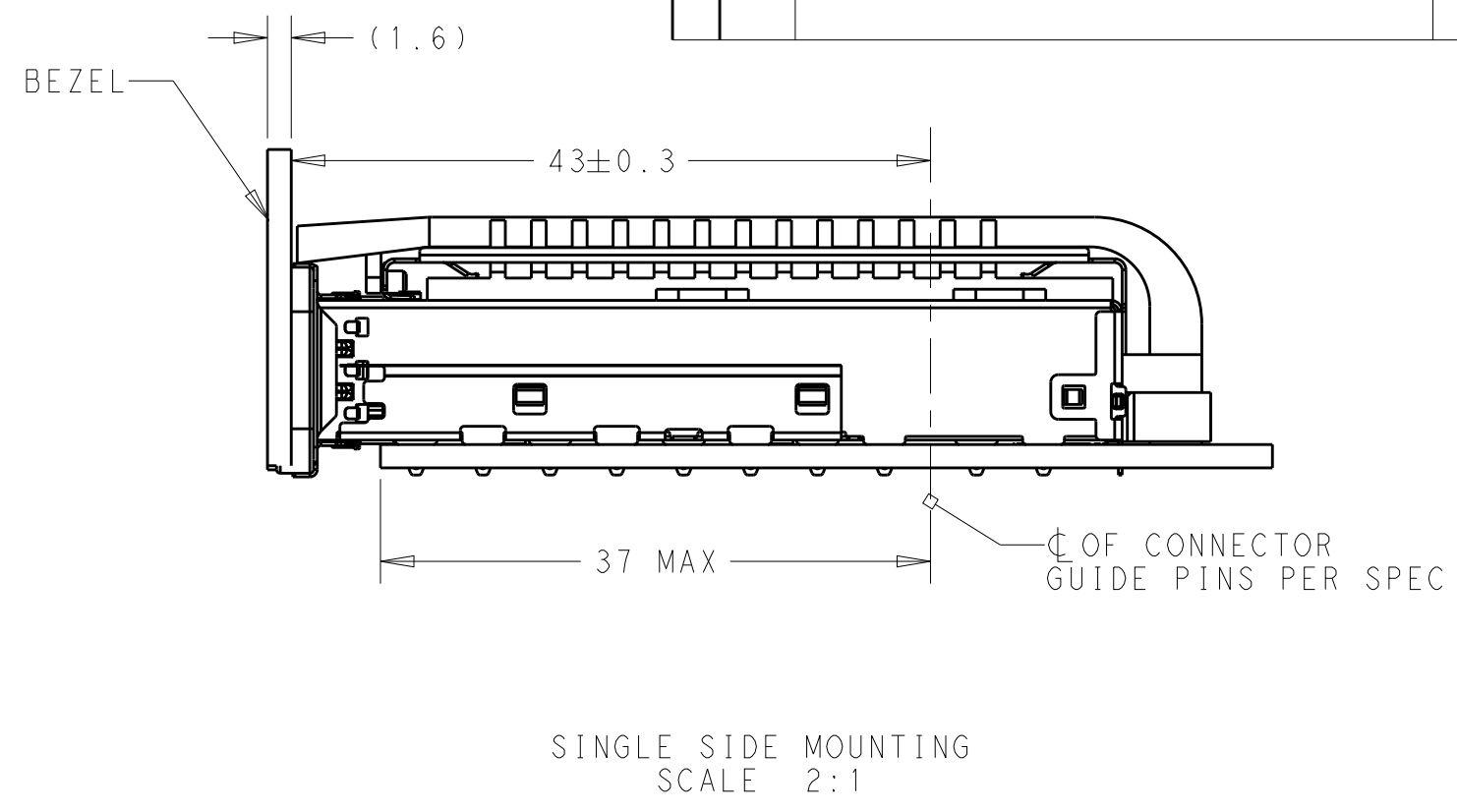
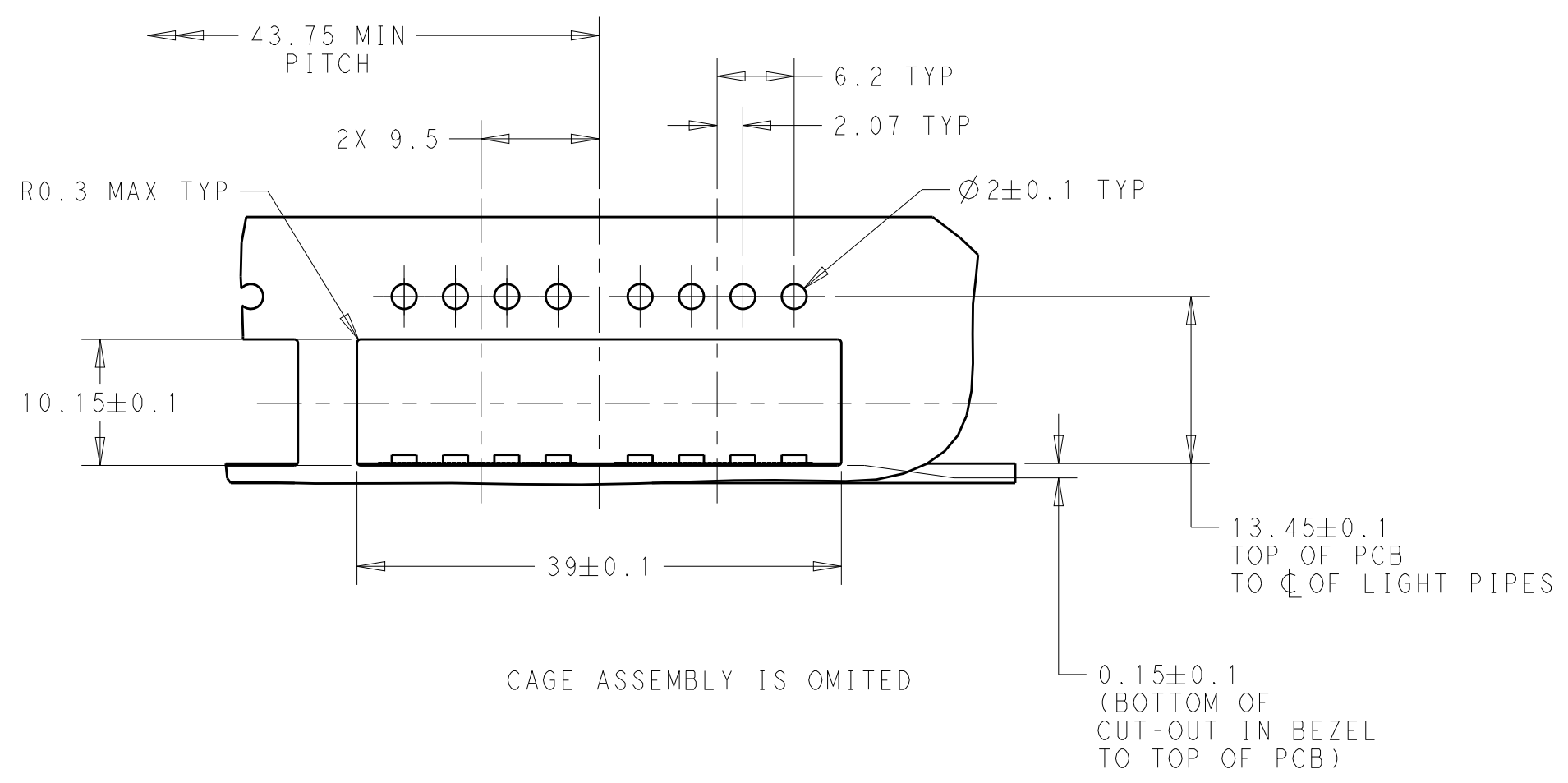
A

D

C

B

A



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	

MATERIAL	SEE NOTES material_2
FINISH	SEE NOTES finish_spec_2

DWN	02NOV2015
CHK	JASON YANG
APVD	SEAN HAN
APVD	MARSHALL CHEN
PRODUCT SPEC	108-19428
APPLICATION SPEC	114-32023
WEIGHT	-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2170827	-

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET

SCALE

3:1

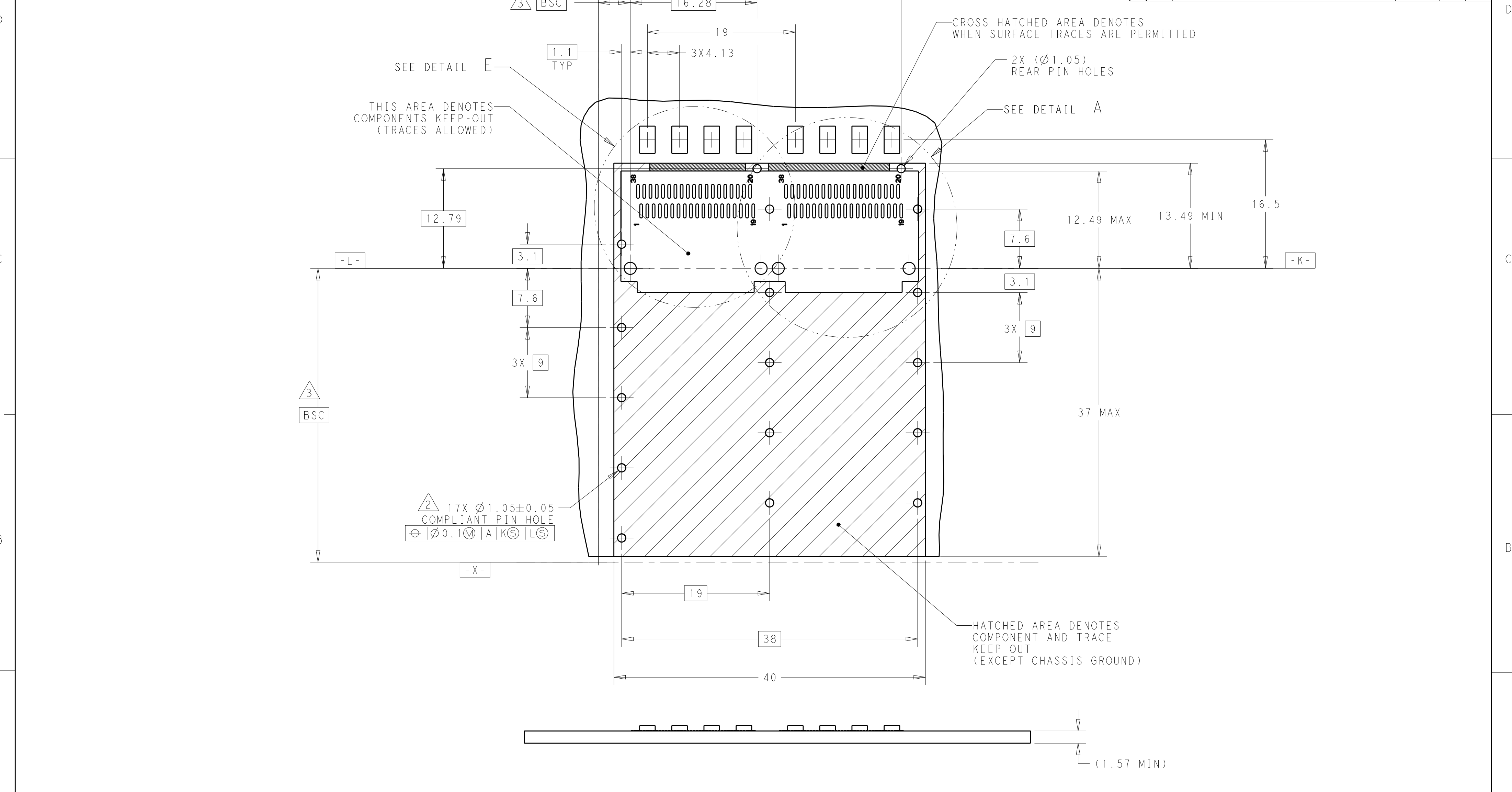
SHEET

1 OF 8

REV

A

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±
4 PLC ±
ANGLES ±
FINISH

MATERIAL
SEE NOTES
material_2

DWN 02NOV2015
JASON YANG
CHK 02NOV2015
SEAN HAN
APVD 02NOV2015
MARSHALL CHEN

PRODUCT SPEC
108-19428
APPLICATION SPEC
114-32023
WEIGHT
-

CUSTOMER DRAWING

SCALE 3:1

SHEET 1 OF 8

REV A

TE Connectivity

RECEPTACLE CAGE ASSEMBLY
WITH HEAT SINKS AND LIGHT PIPES,
THRU BEZEL, 1X2, QSFP28, GASKET

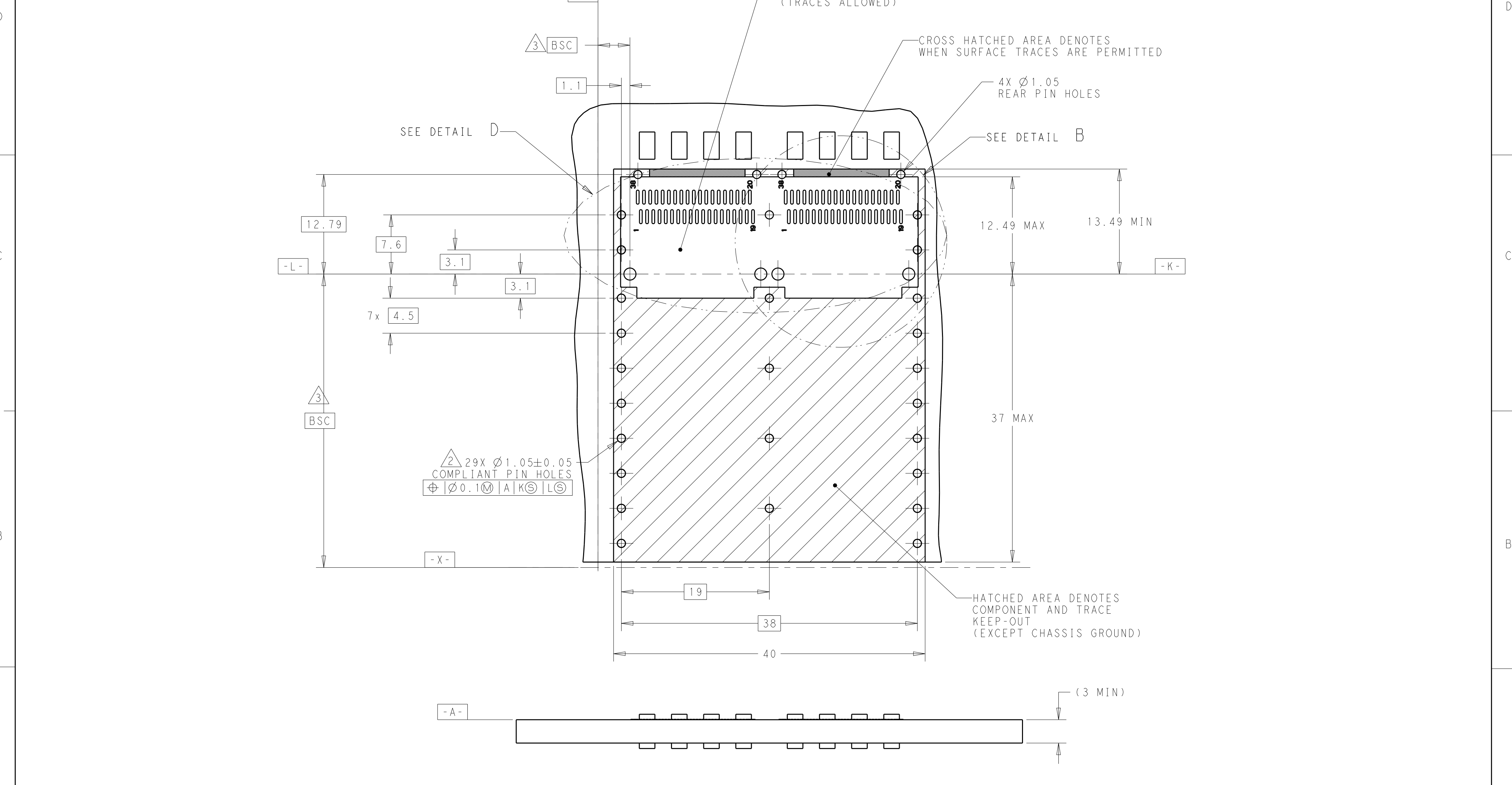
SIZE
A200779

CAGE CODE
C-2170827

DRAWING NO
114-32023

RESTRICTED TO
-

	-	SEE SHEET 1	-	-	-



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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC $\pm$
1 PLC ± 0.25
2 PLC ± 0.2
3 PLC $\pm$
4 PLC $\pm$
ANGLES $\pm$
FINISH SEE NOTES

MATERIAL
SEE NOTES
material_2

finish_spec_2

DWN 02NOV2015
JASON YANG

CHK 02NOV2015
SEAN HAN

APVD 02NOV2015
MARSHALL CHEN

PRODUCT SPEC
108-19428

APPLICATION SPEC
114-32023

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RECEPTACLE CAGE ASSEMBLY
WITH HEAT SINKS AND LIGHT PIPES,
THRU BEZEL, 1X2, QSFP28, GASKET

SIZE
A200779

CAGE CODE
C-2170827

DRAWING NO
-

RESTRICTED TO
-

SCALE 3:1

SHEET 1 OF 8

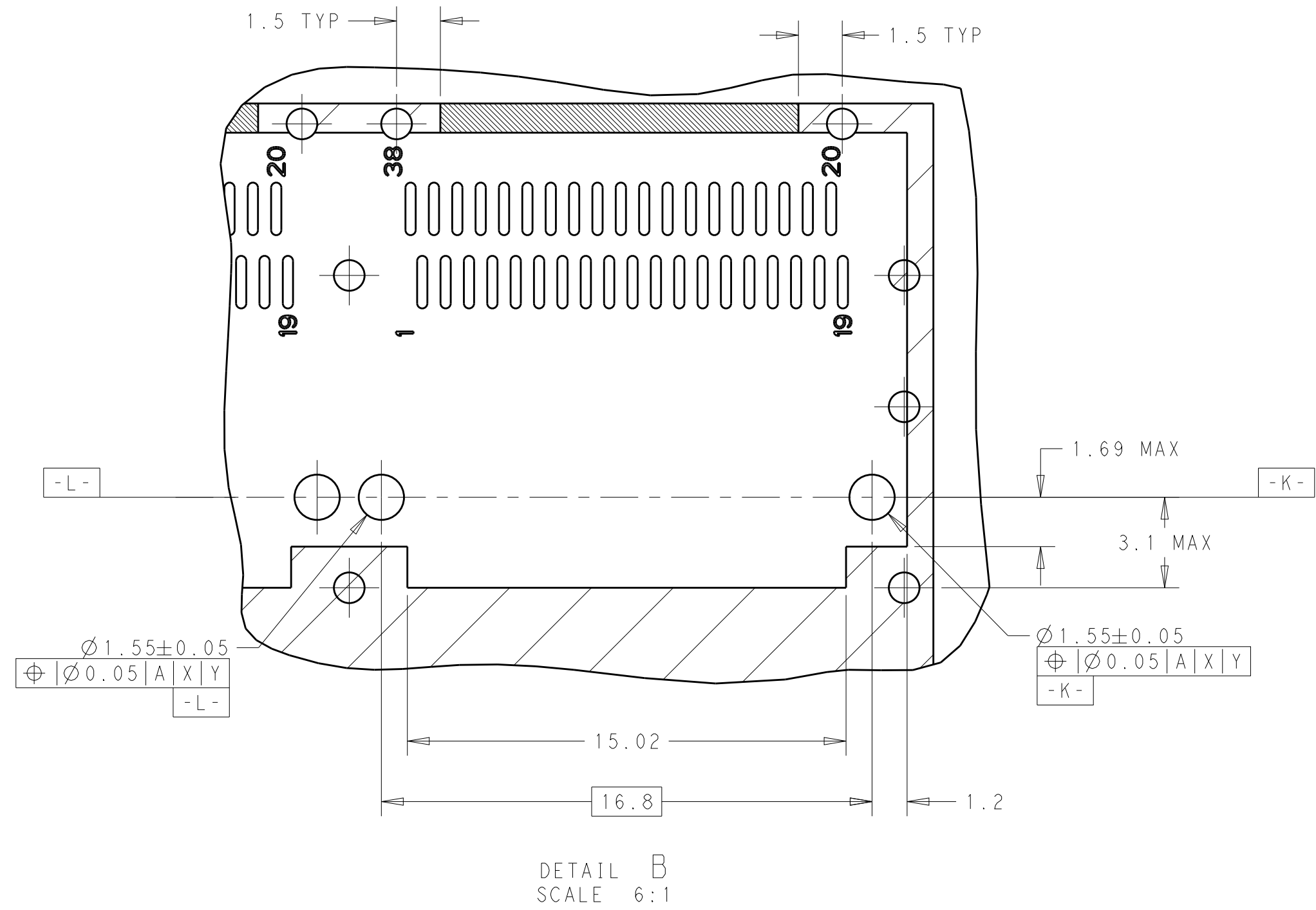
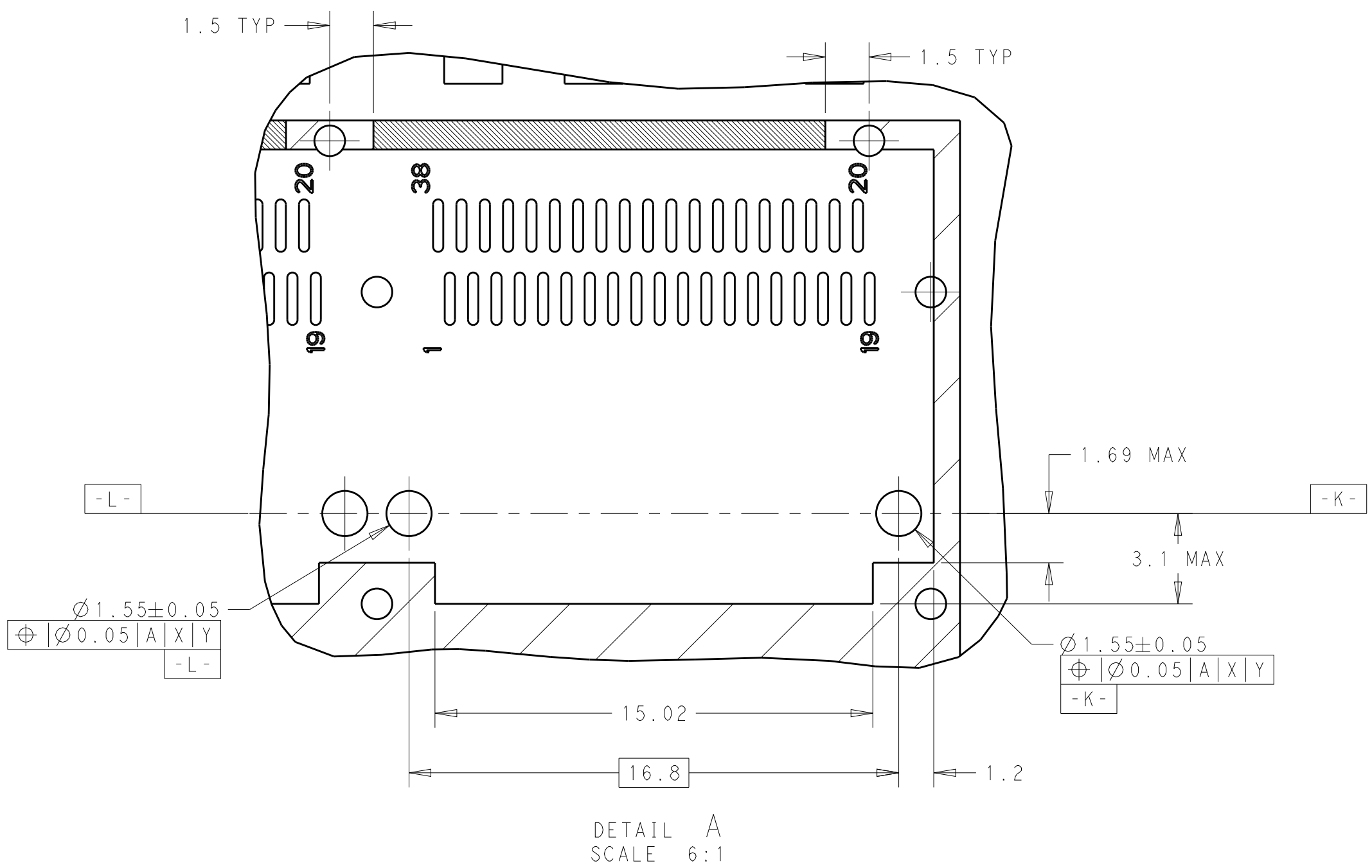
REV A

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C

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A



D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.25
2 PLC	±0.2
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL

SEE NOTES material_2

FINISH

SEE NOTES finish_spec_2

DWN 02NOV2015 JASON YANG

CHK 02NOV2015 SEAN HAN

APVD 02NOV2015 MARSHALL CHEN

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2170827

-

SCALE 3:1

SHEET 1 OF 8

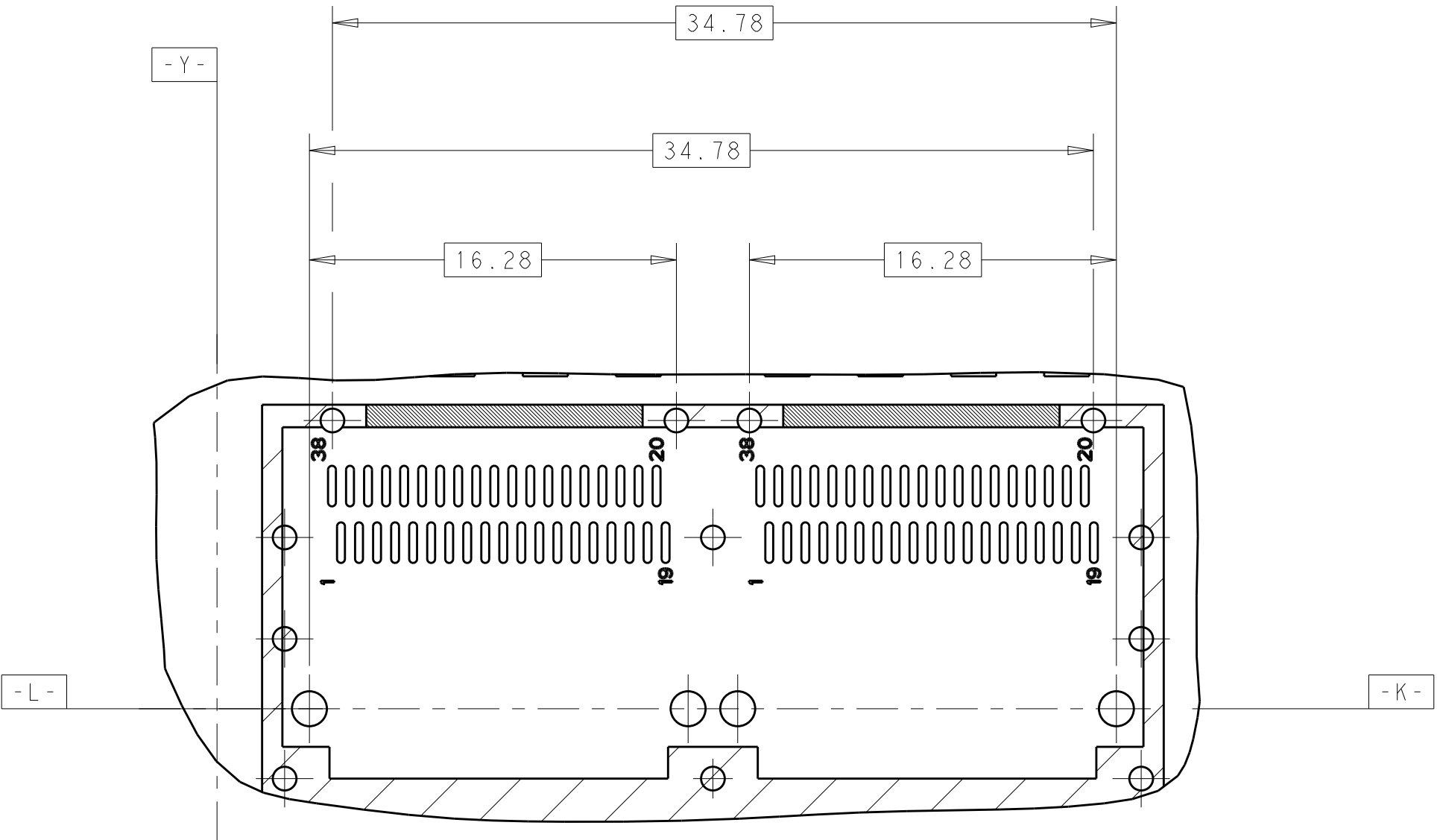
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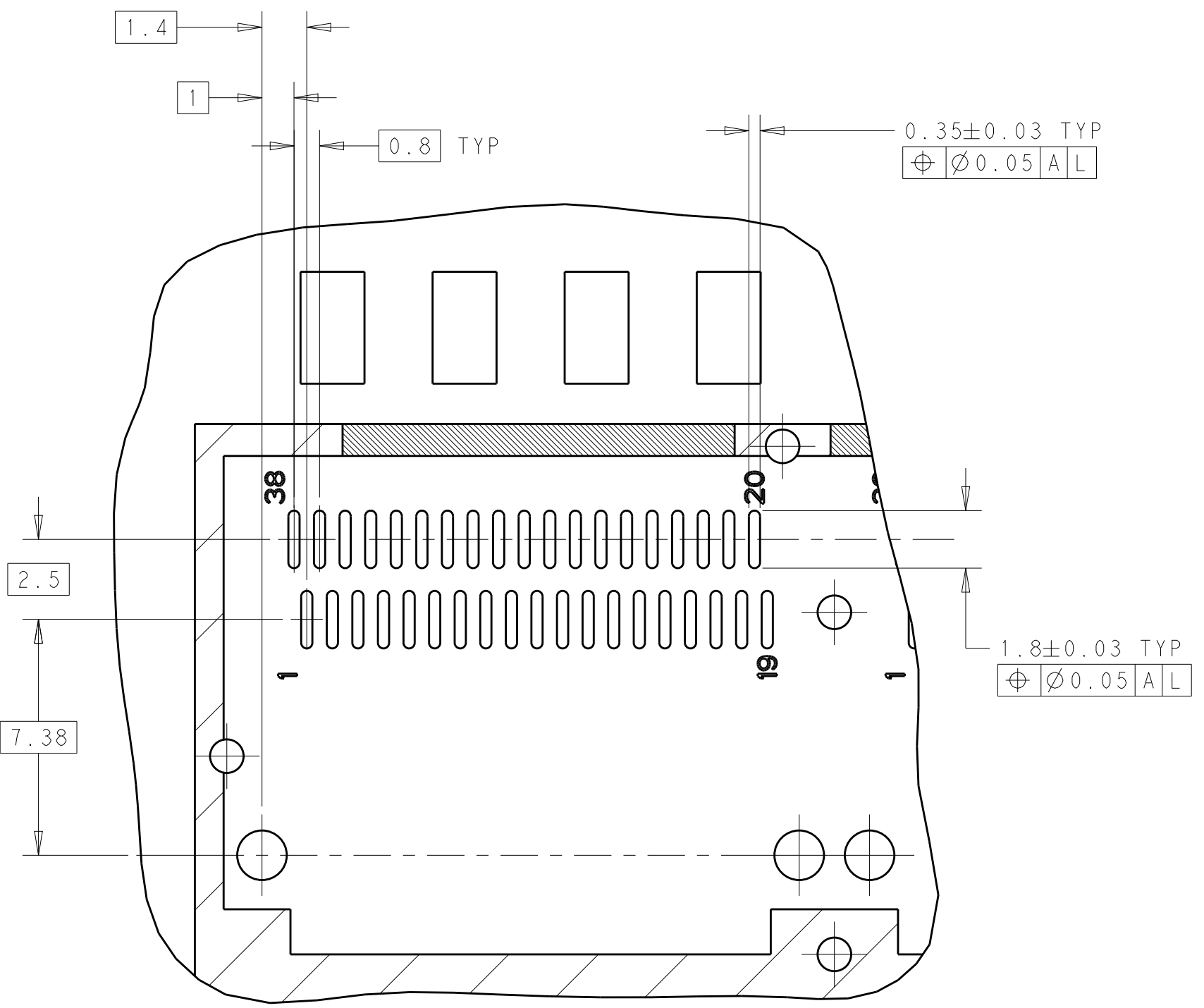
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DETAIL D
SCALE 4:1



DETAIL E
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

JASON YANG

02NOV2015

CHK

SEAN HAN

02NOV2015

APVD

MARSHALL CHEN

02NOV2015

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.25

2 PLC ±0.2

3 PLC ±

4 PLC ±

ANGLES ±

FINISH

MATERIAL

SEE NOTES

material_2

FINISH

SEE NOTES

finish_spec_2

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

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RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, GASKET

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2170827

-

SCALE

3:1

SHEET

1

OF

8

REV

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