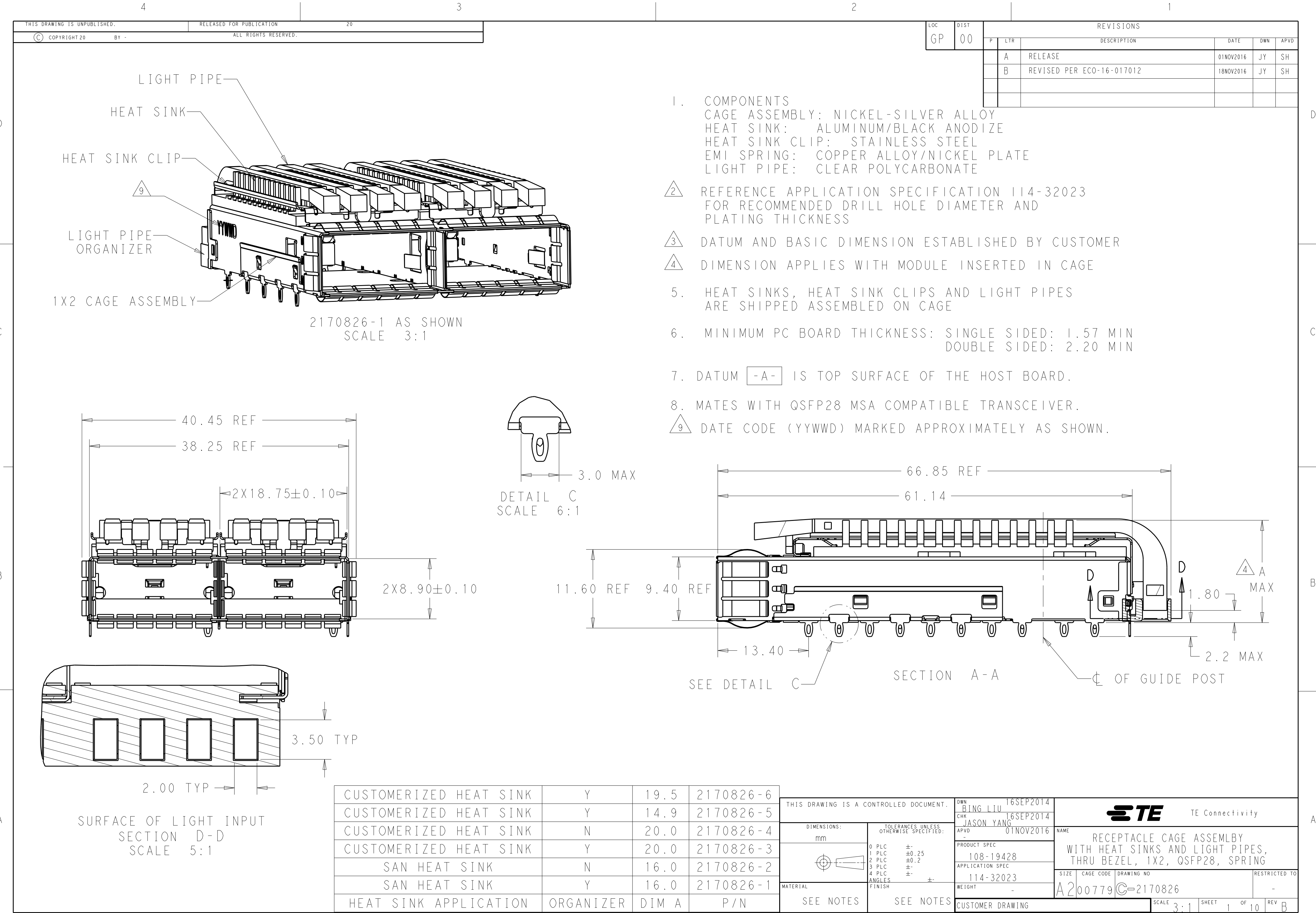




LIGHT PIPE

HEAT SINK

HEAT SINK CLIP

9

LIGHT PIPE ORGANIZER

1X2 CAGE ASSEMBLY

2170826-1 AS SHOWN
SCALE 3:1

40.45 REF

38.25 REF

2X18.75±0.10

2X8.90±0.10

3.0 MAX

DETAIL C
SCALE 6:1

66.85 REF

61.14

11.60 REF

9.40 REF

13.40

1.80

2.2 MAX

4

A MAX

SECTION A-A

SEE DETAIL C

CL OF GUIDE POST

3.50 TYP

2.00 TYP

SURFACE OF LIGHT INPUT
SECTION D-D
SCALE 5:1

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

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. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.

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

CUSTOMERIZED HEAT SINK	Y	19.5	2170826-6
CUSTOMERIZED HEAT SINK	Y	14.9	2170826-5
CUSTOMERIZED HEAT SINK	N	20.0	2170826-4
CUSTOMERIZED HEAT SINK	Y	20.0	2170826-3
SAN HEAT SINK	N	16.0	2170826-2
SAN HEAT SINK	Y	16.0	2170826-1
HEAT SINK APPLICATION	ORGANIZER	DIM A	P/N

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DIMENSIONS: mm		CHK JASON YANG 16SEP2014	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 01NOV2016	PRODUCT SPEC	
0 PLC ±-		108-19428	APPLICATION SPEC	
1 PLC ±0.25		114-32023	WEIGHT	
2 PLC ±0.2		-	CUSTOMER DRAWING	
3 PLC ±-			SCALE 3:1	
4 PLC ±-			SHEET 1 OF 10	
ANGLES ±-			REV B	
FINISH ±-				
MATERIAL				
SEE NOTES				

1471-9 (3/11)

4

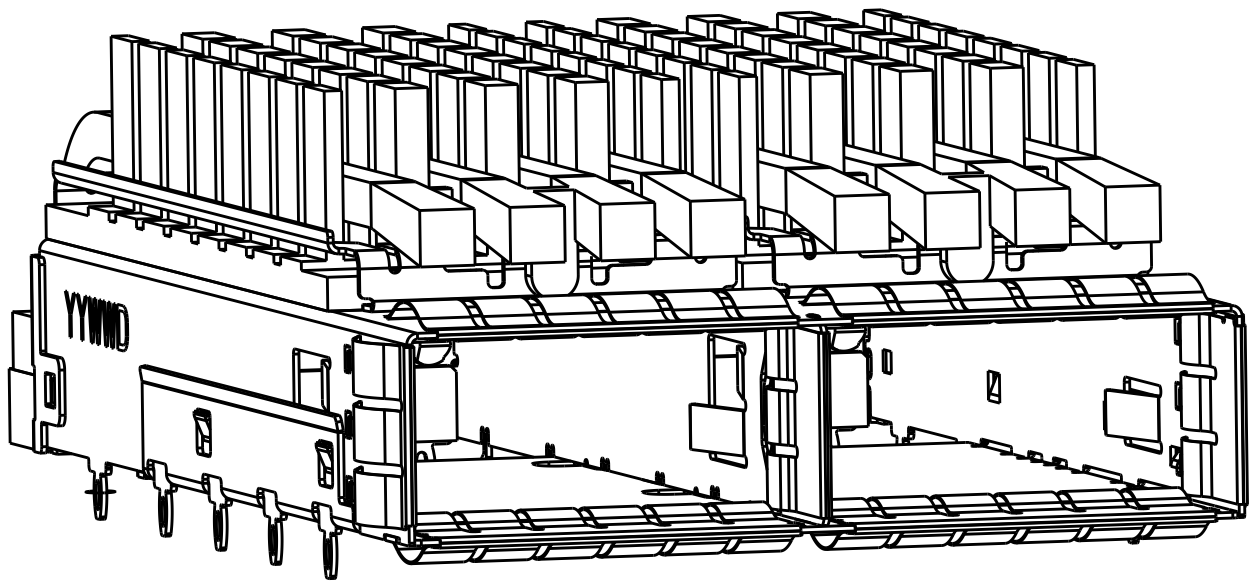
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2

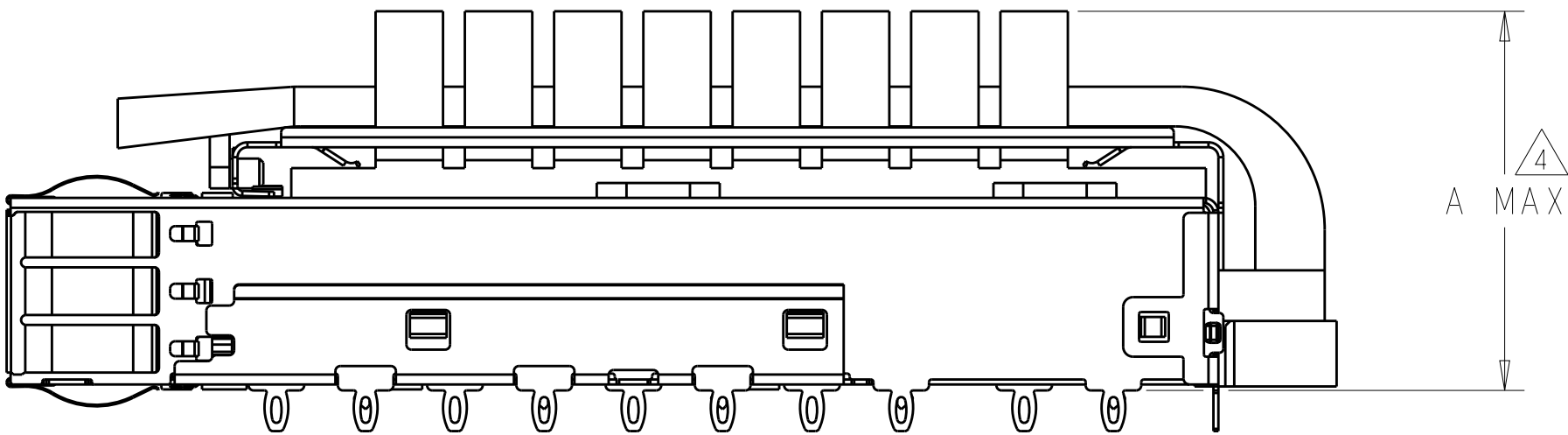
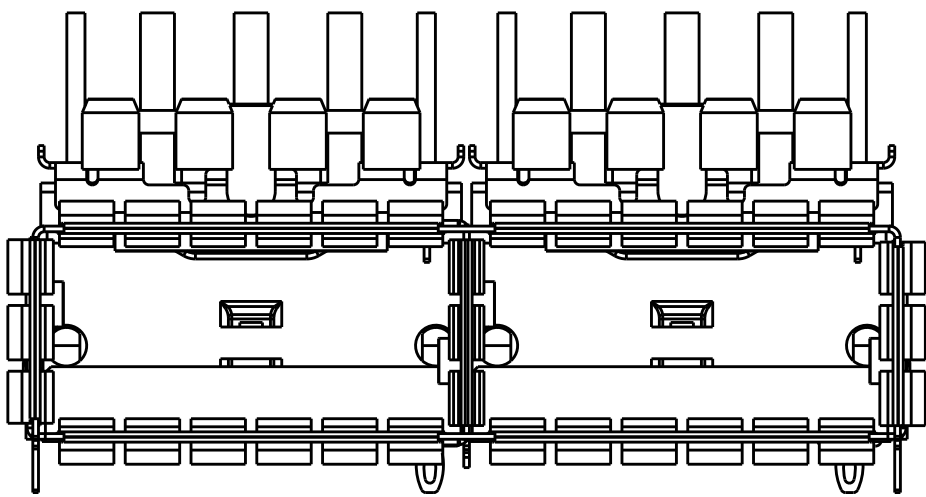
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



2170826-3 WITH CUSTOMIZED HEAT SINK
SCALE 3:1



2170826-3 AS SHOWN
UNSPECIFIED DIMENSIONS ARE SAME AS 2170826-1
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU CHK JASON YANG APVD - 16SEP2014 16SEP2014 01NOV2016	TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH	PRODUCT SPEC 108-19428		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, SPRING	
			APPLICATION SPEC 114-32023		SIZE A200779	CAGE CODE C-2170826
MATERIAL SEE NOTES material_2			WEIGHT -	DRAWING NO CUSTOMER DRAWING		RESTRICTED TO -
			SCALE 3:1	SHEET 2 OF 10	REV B	

4

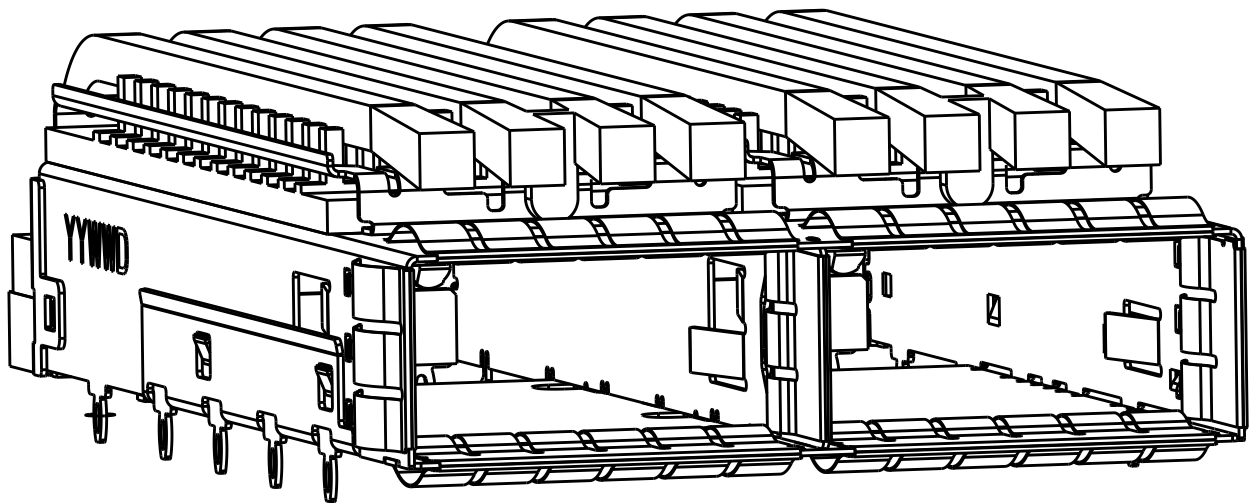
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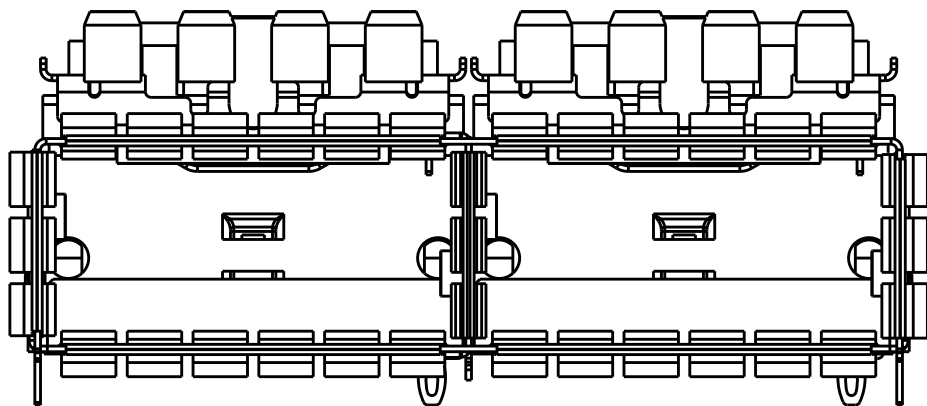
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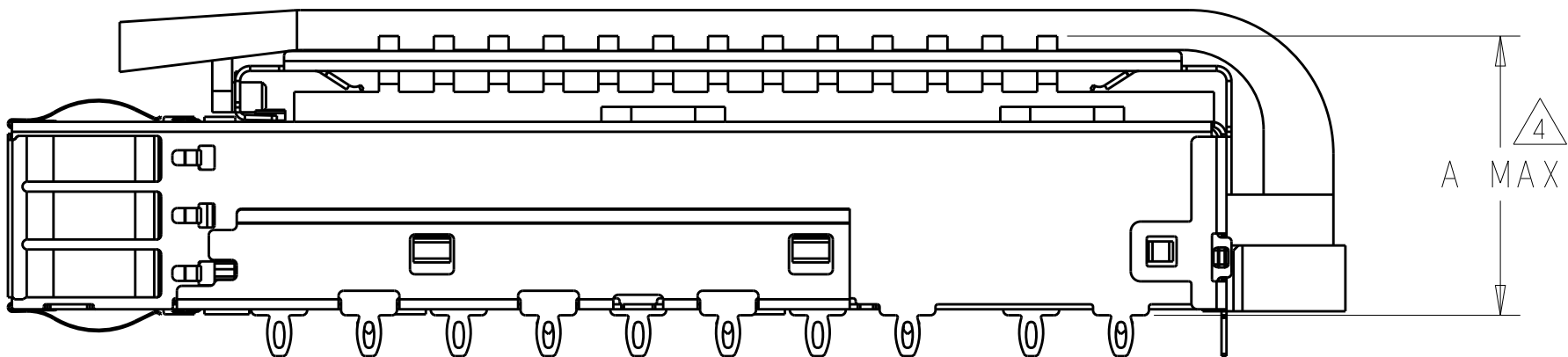
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



2170826-5 WITH CUSTOMIZED HEAT SINK
SCALE 3:1

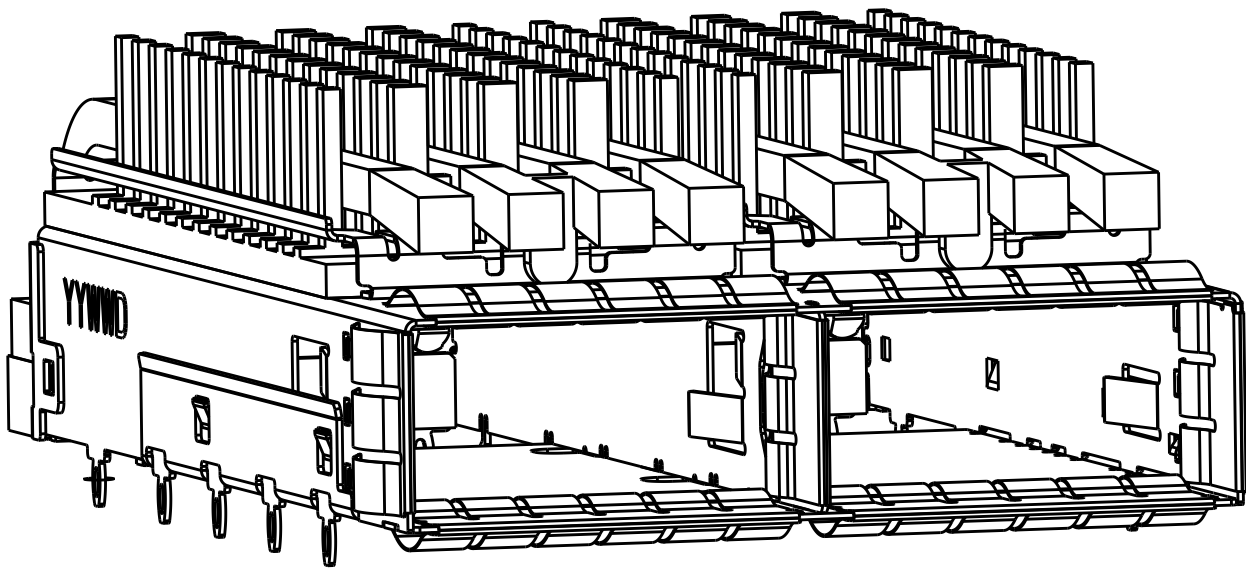


2170826-5 AS SHOWN
UNSPECIFIED DIMENSIONS ARE SAME AS 2170826-1
SCALE 3:1

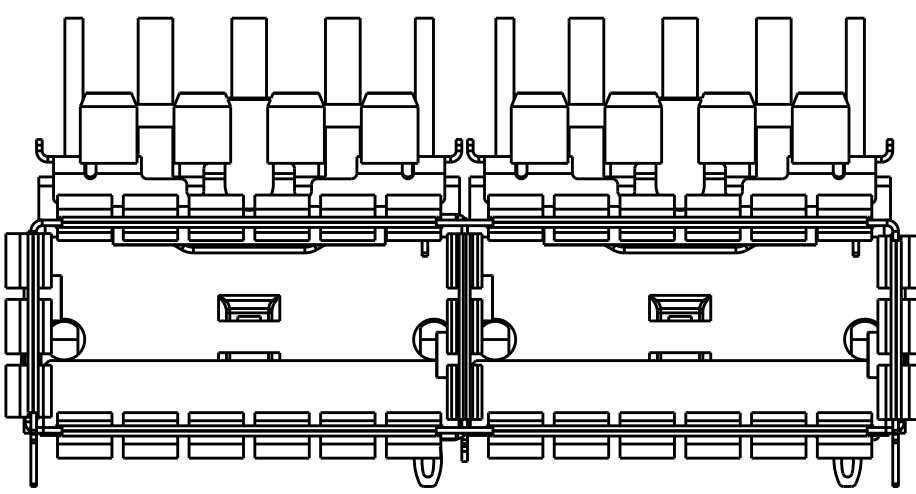


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU CHK JASON YANG APVD -	16SEP2014 16SEP2014 01NOV2016	 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, SPRING	
MATERIAL SEE NOTES material_2		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -		SIZE A200779	CAGE CODE C-2170826
FINISH SEE NOTES finish_spec_2		CUSTOMER DRAWING		SCALE 3:1	SHEET 3 OF 10
				REV B	

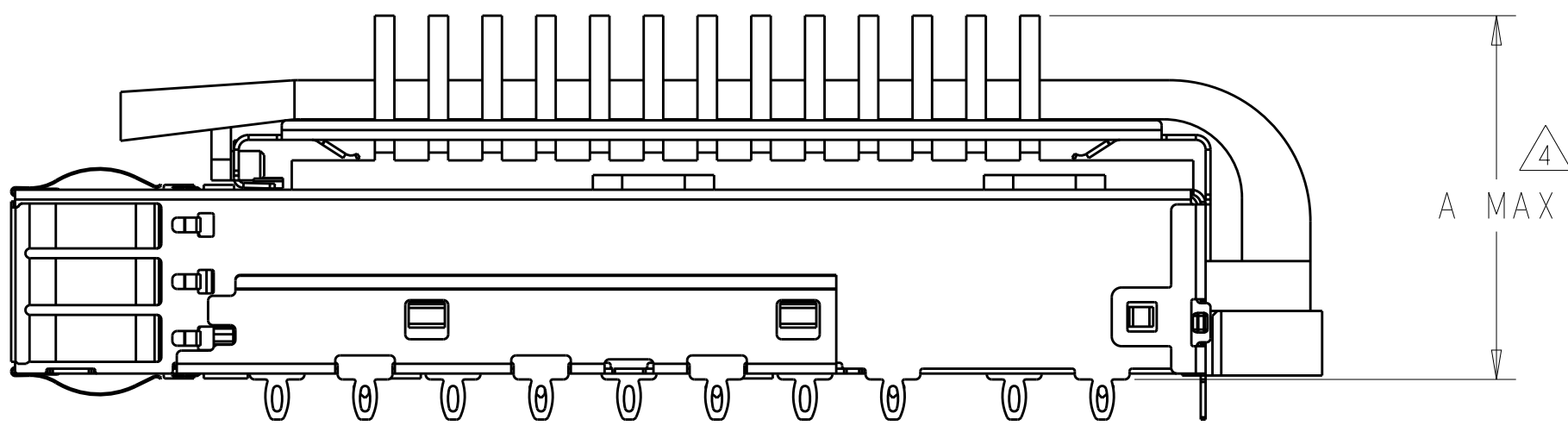
	-	SEE SHEET 1	-	-	-



2170826-6 WITH CUSTOMIZED HEAT SINK
SCALE 3:1



2170826-6 AS SHOWN
UNSPECIFIED DIMENSIONS ARE SAME AS 2170826-1
SCALE 3:1



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DWN
BING LIU
16SEP2014

CHK
JASON YANG
16SEP2014

APVD
-
01NOV2016

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

SEE NOTES
finish_spec_2

CUSTOMER DRAWING

PRODUCT SPEC
108-19428

APPLICATION SPEC
114-32023

WEIGHT
-

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

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170826

RESTRICTED TO
-

SCALE
3:1

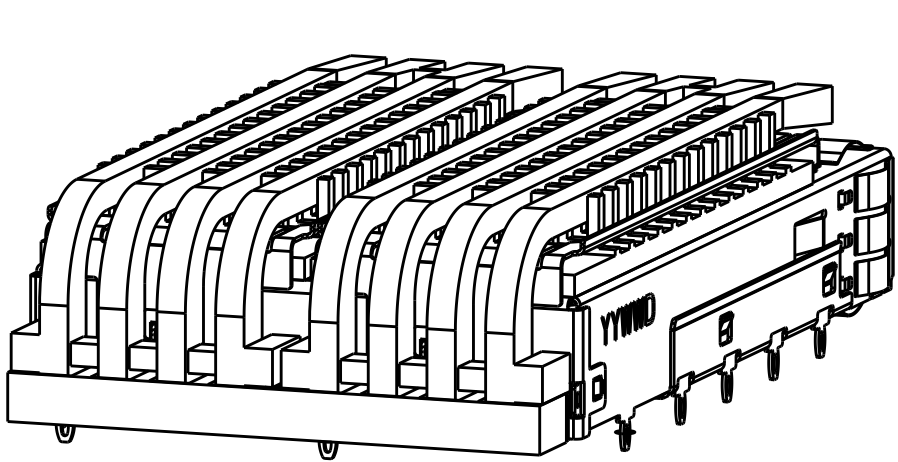
SHEET
4 OF 10

REV
B

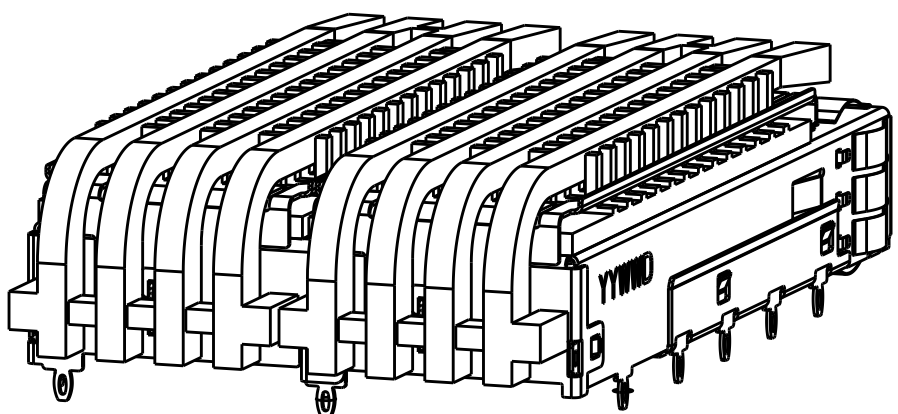
TE Connectivity

1471-9 (3/11)

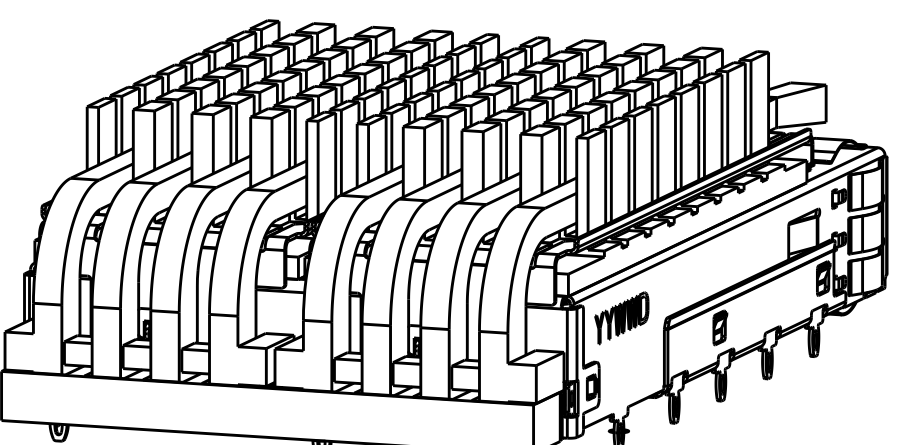
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
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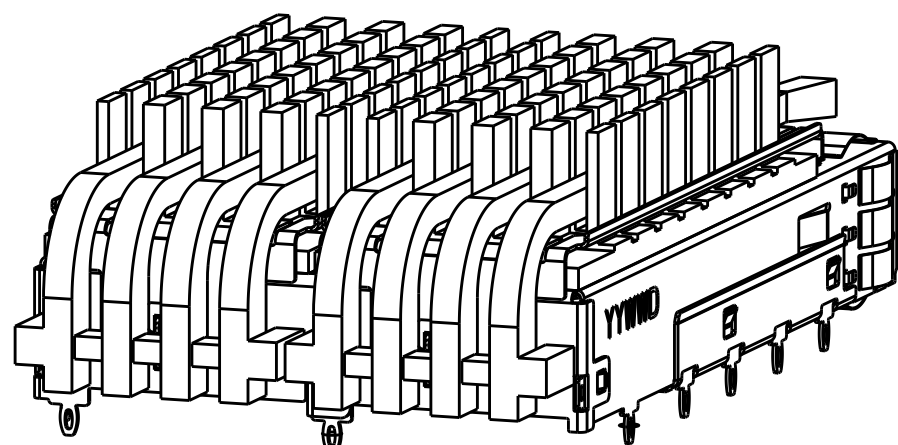
2170826-1 AS SHOWN
SCALE 2:1



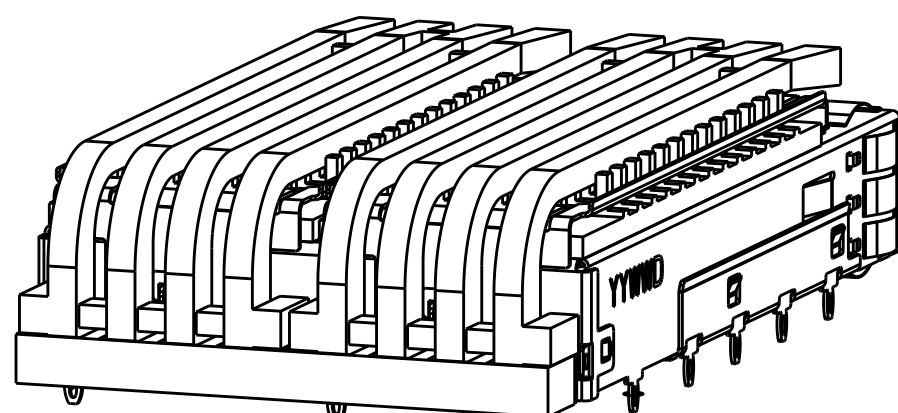
2170826-2 AS SHOWN
SAME AS 2170826-1 EXCEPT FOR WITHOUT ORGANIZER
SCALE 2:1



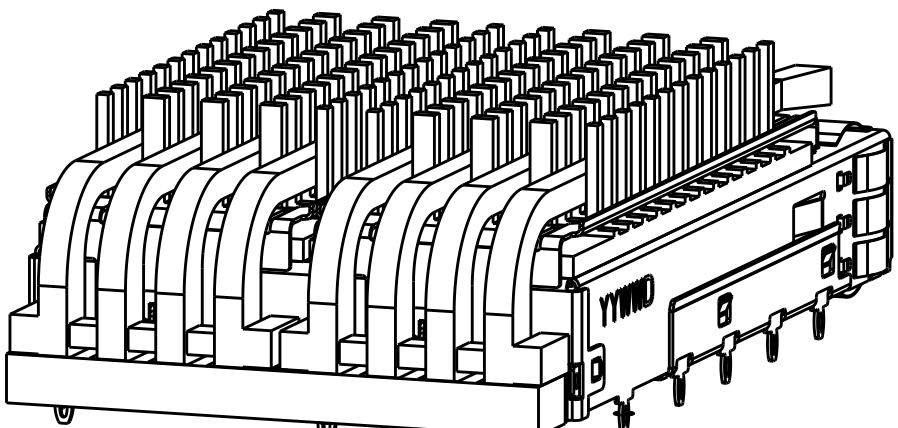
2170826-3 AS SHOWN
SCALE 2:1



2170826-4 AS SHOWN
SAME AS 2170826-3 EXCEPT FOR WITHOUT ORGANIZER
SCALE 2:1



2170826-5 AS SHOWN
SAME AS 2170826-1 EXCEPT FOR HEAT SINK
SCALE 2:1



2170826-6 AS SHOWN
SAME AS 2170826-1 EXCEPT FOR HEAT SINK
SCALE 2:1

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DIMENSIONS:
mm

MATERIAL
SEE NOTES
material_2

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.2
3 PLC ±-
4 PLC ±-
ANGLES ±-
FINISH
SEE NOTES
finish_spec_2

DWN
BING LIU
16SEP2014

CHK
JASON YANG
16SEP2014

APVD
-
01NOV2016

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, SPRING

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170826

RESTRICTED TO
-

SCALE
3:1

SHEET
5 OF 10

REV
B

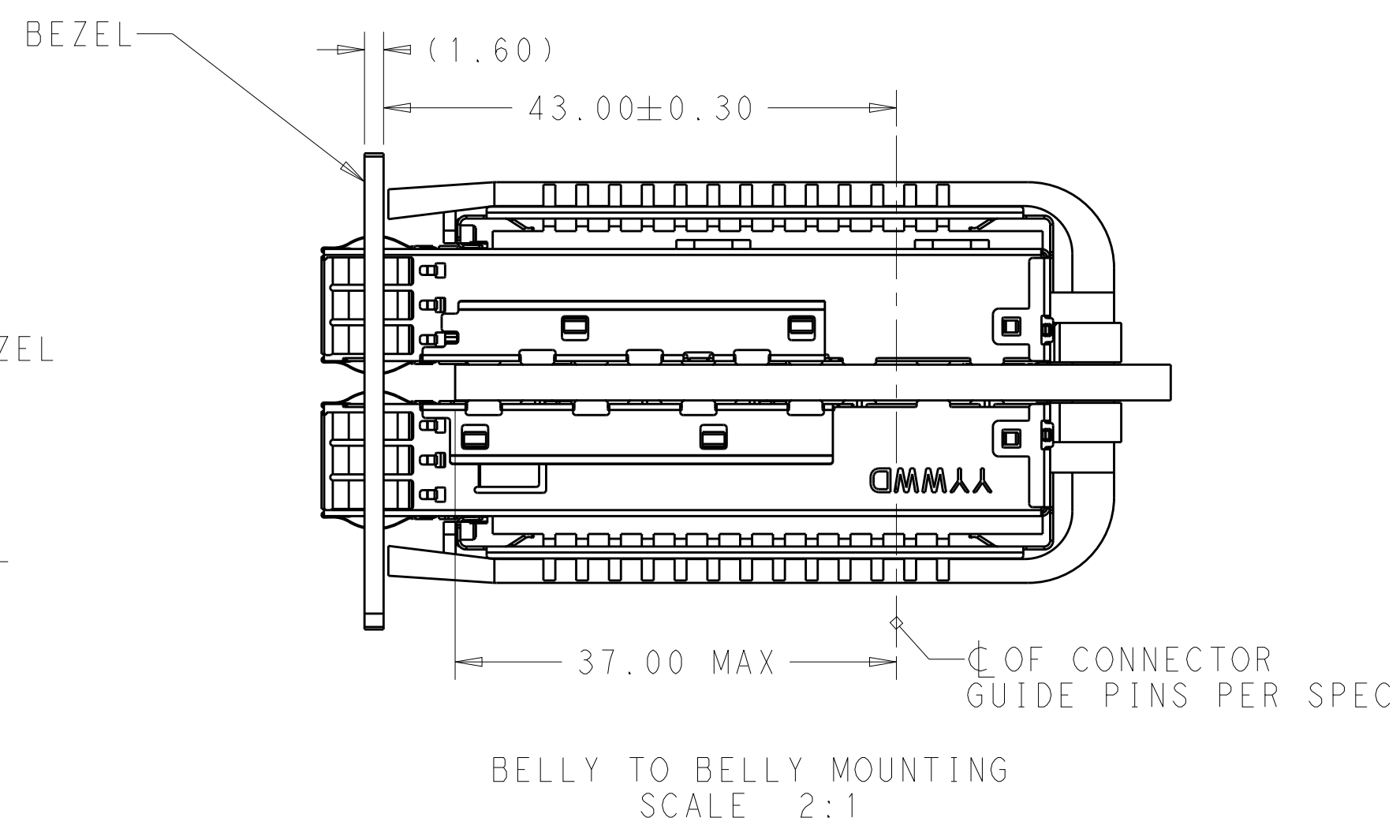
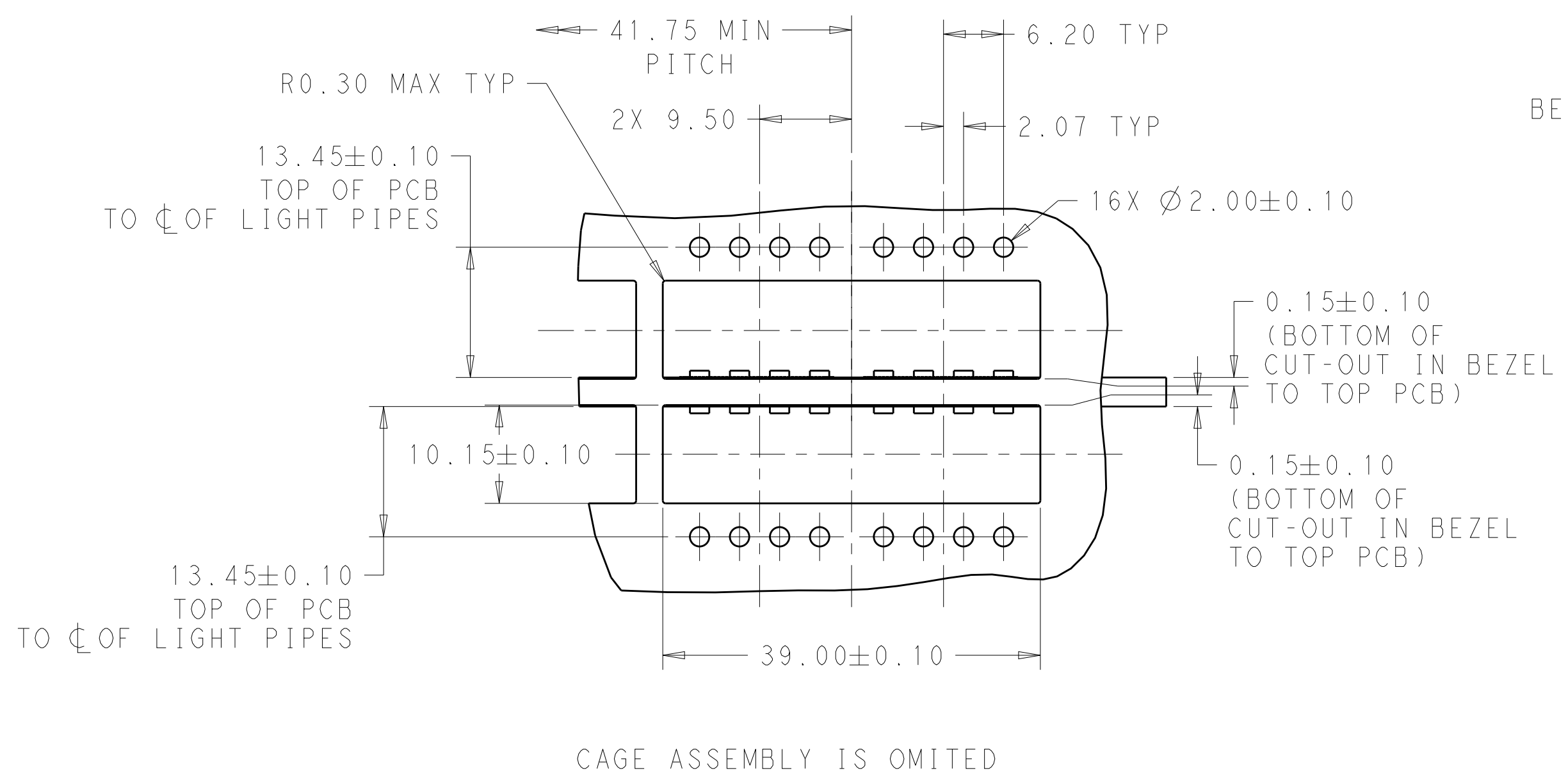
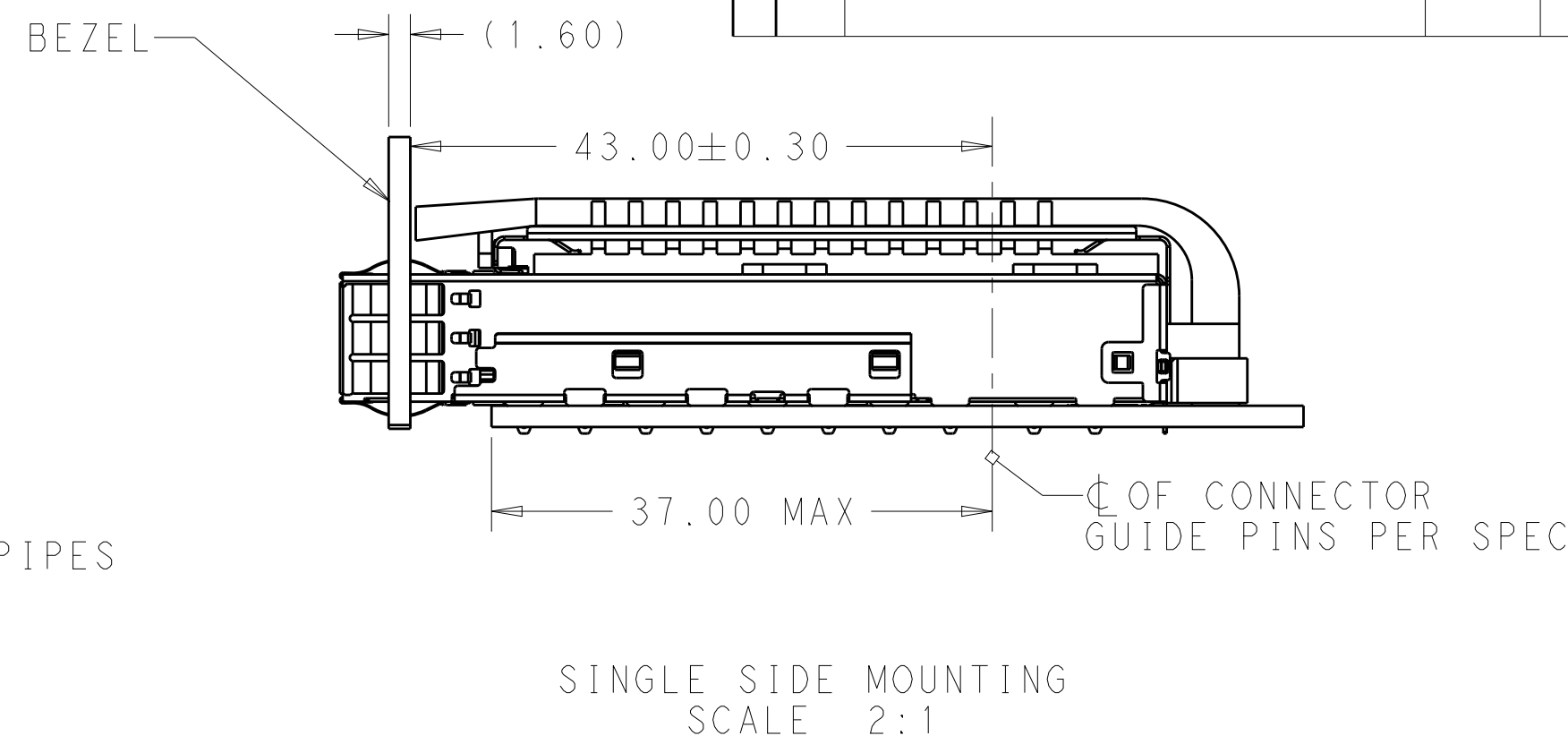
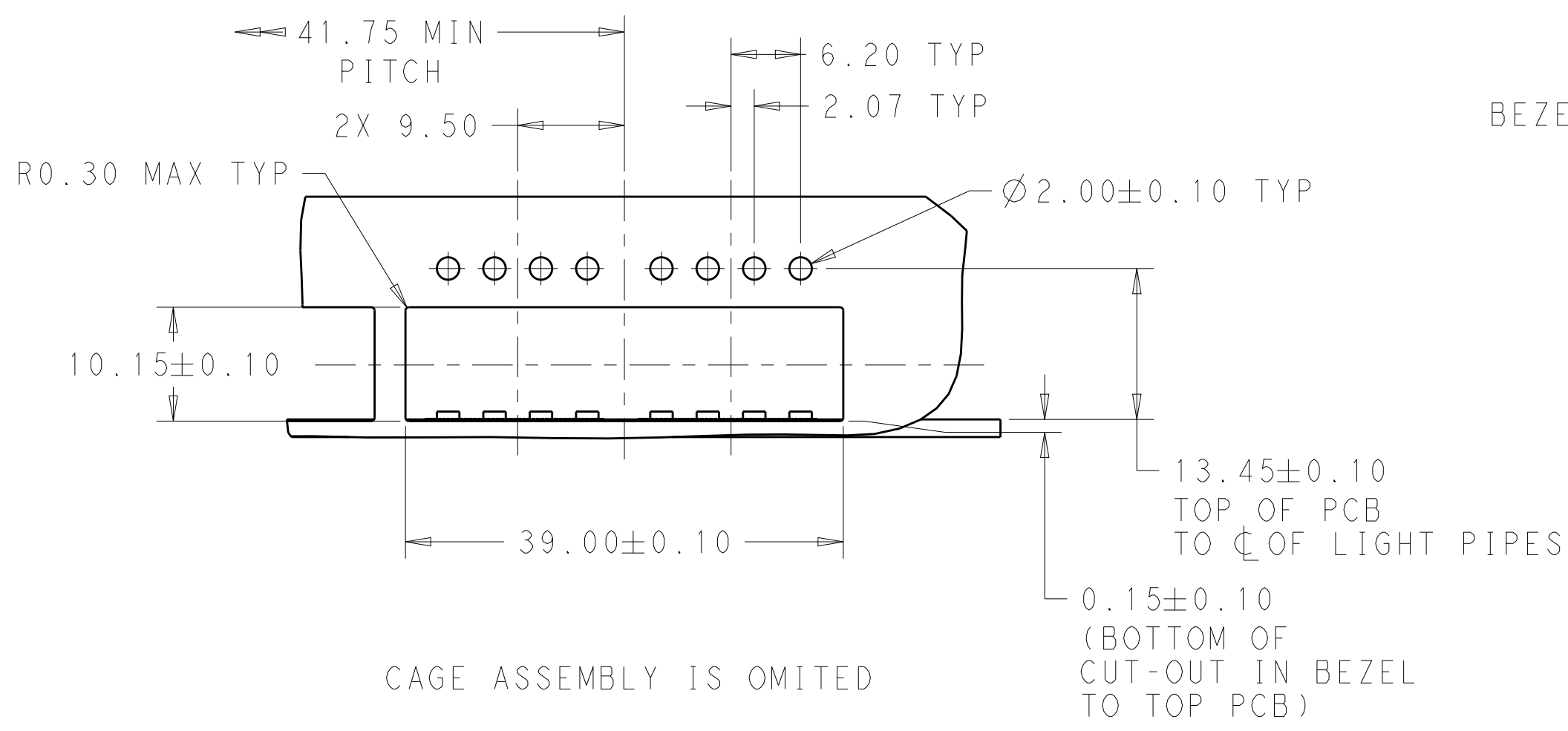
1471-9 (3/11)

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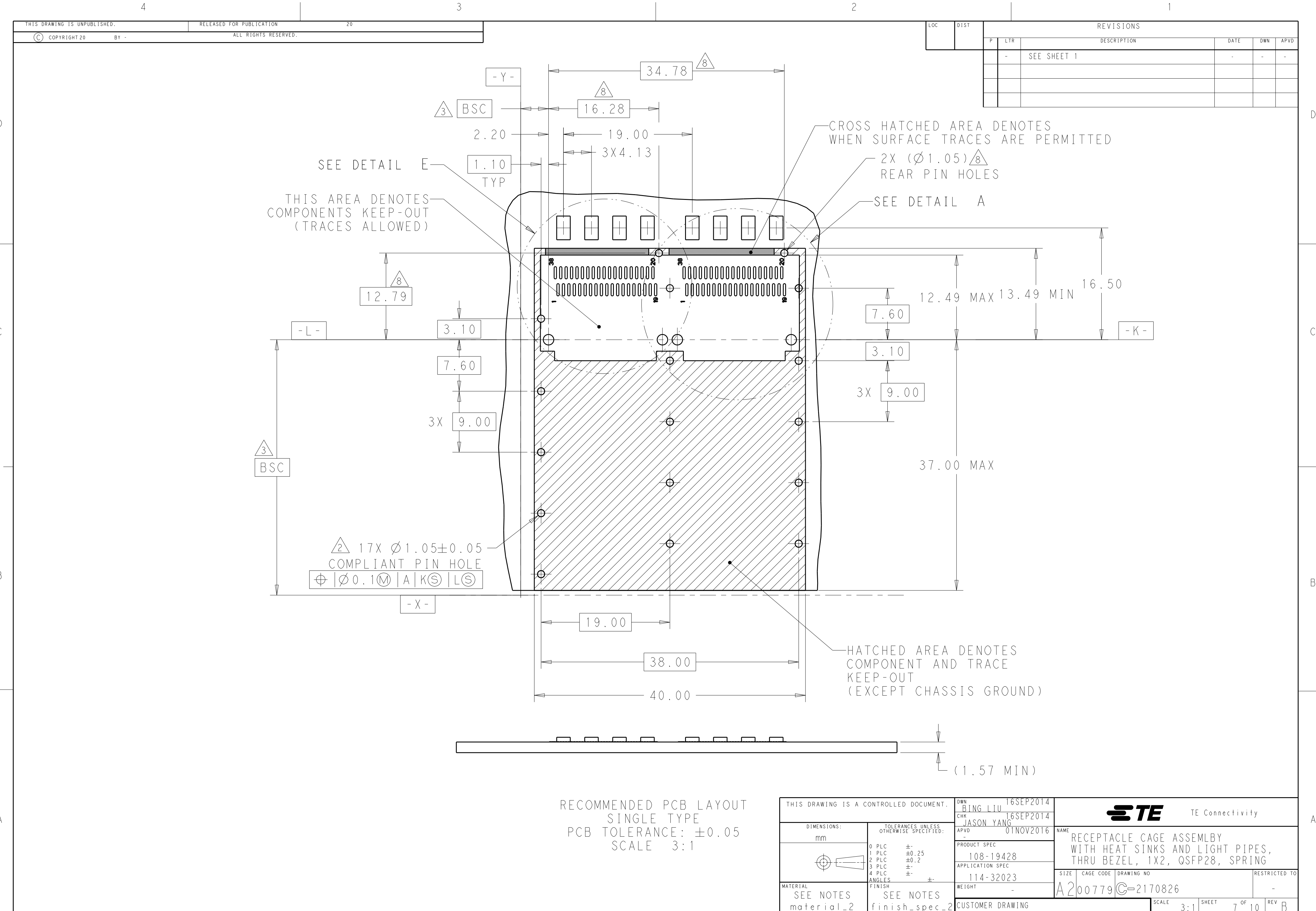
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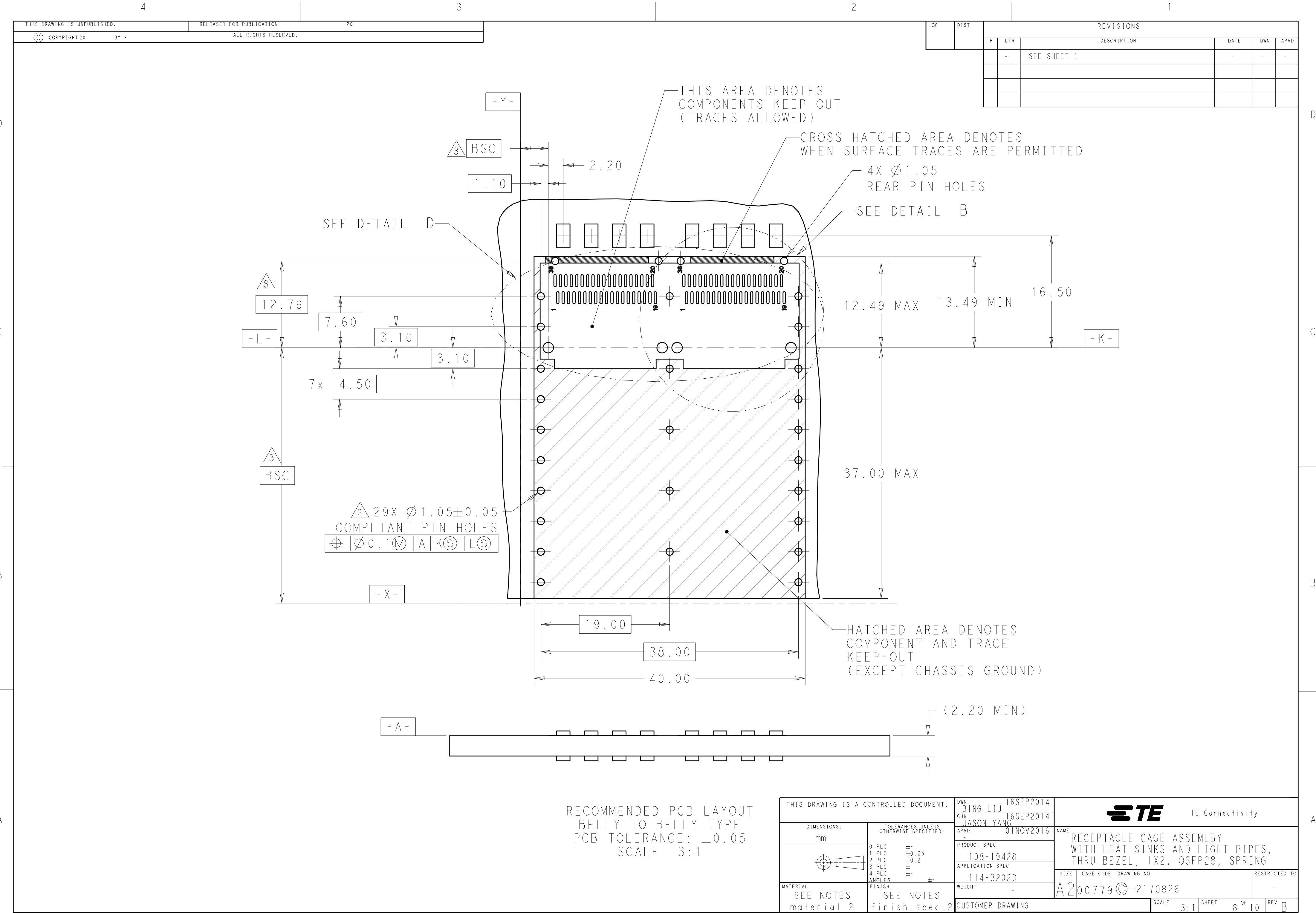
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 16SEP2014	TE Connectivity	
		CHK JASON YANG 16SEP2014		
		APVD - 01NOV2016	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, SPRING	
DIMENSIONS: mm		PRODUCT SPEC 108-19428	SIZE A200779	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±- 4 PLC ±- ANGLES ±- FINISH		APPLICATION SPEC 114-32023	DRAWING NO C-2170826	
MATERIAL SEE NOTES material_2		WEIGHT -	RESTRICTED TO -	
finish_spec_2		CUSTOMER DRAWING	SCALE 3:1 SHEET 6 OF 10 REV B	



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P			LTR			DESCRIPTION			DATE		
-			-			SEE SHEET 1			-		

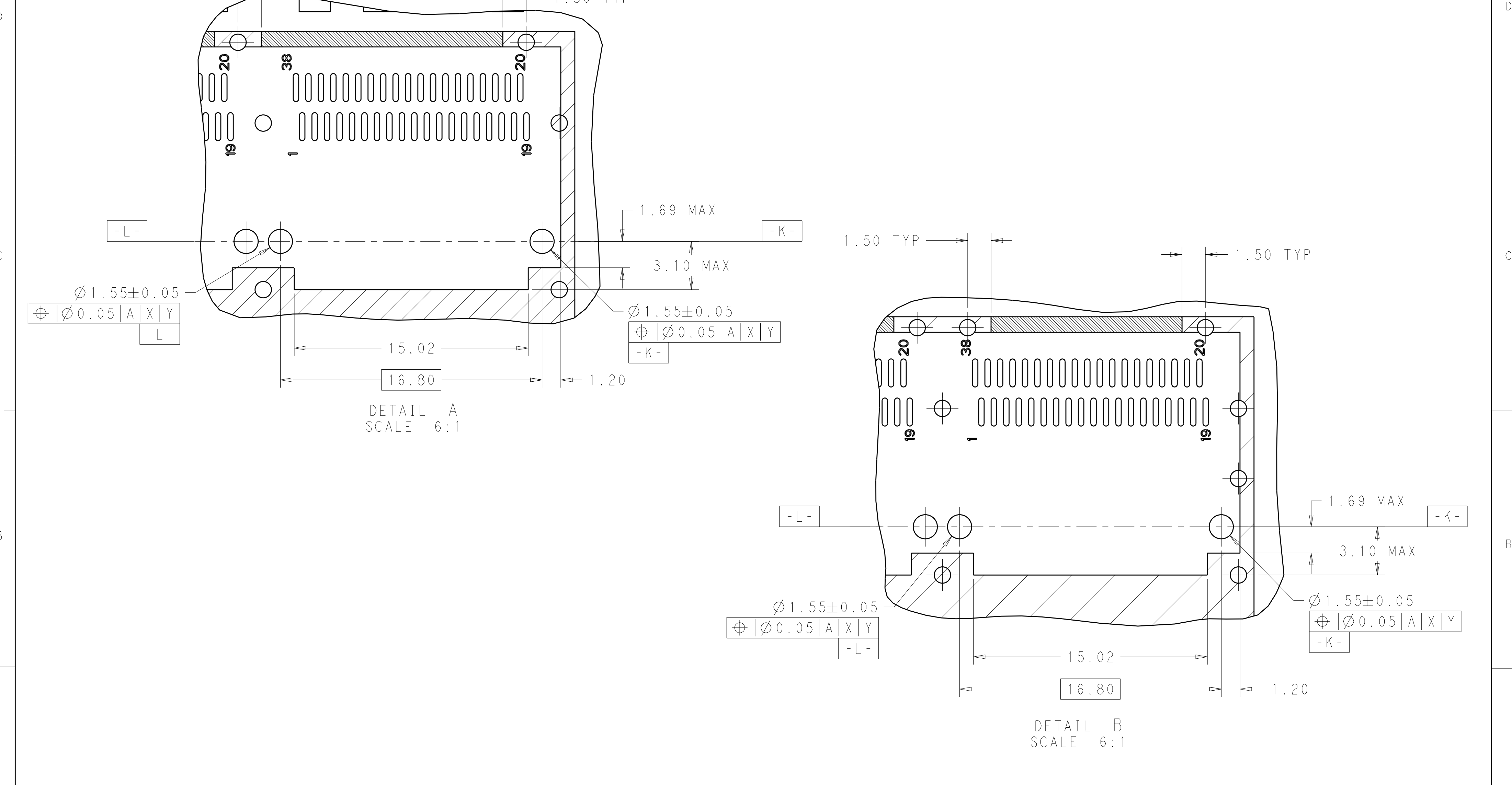


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										-	-	SEE SHEET 1		-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	16SEP2014
				CHK	BING LIU 16SEP2014
				APVD	JASON YANG 01NOV2016
				PRODUCT SPEC	-
				APPLICATION SPEC	108-19428
				WEIGHT	114-32023
				CUSTOMER DRAWING	-

NAME		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X2, QSFP28, SPRING		A200779		C-2170826					
SCALE		SHEET		OF		REV			
3:1		8		10		B			

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



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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
BING LIU
16SEP2014

CHK
JASON YANG
16SEP2014

APVD
-
01NOV2016

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, SPRING

SIZE
A200779

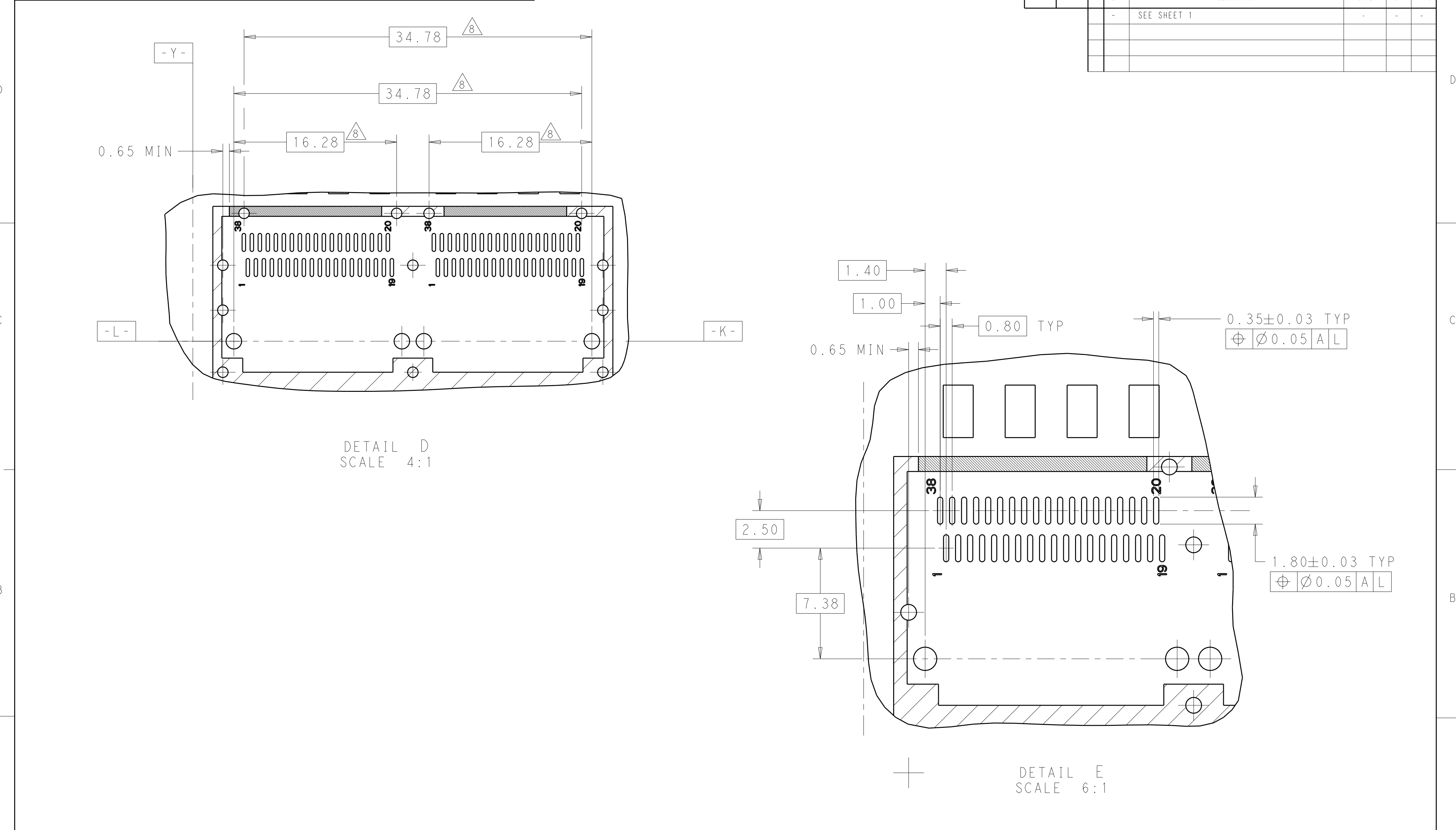
CAGE CODE
C-2170826

DRAWING NO

RESTRICTED TO
-

SCALE 3:1 SHEET 9 OF 10 REV B

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



DETAIL D
SCALE 4:1

DETAIL E
SCALE 6:1

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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

SEE NOTES
finish_spec_2

DWN
BING LIU
16SEP2014

CHK
JASON YANG
16SEP2014

APVD
-
01NOV2016

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, SPRING

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170826

RESTRICTED TO
-

SCALE
3:1

SHEET
10

OF
10

REV
B