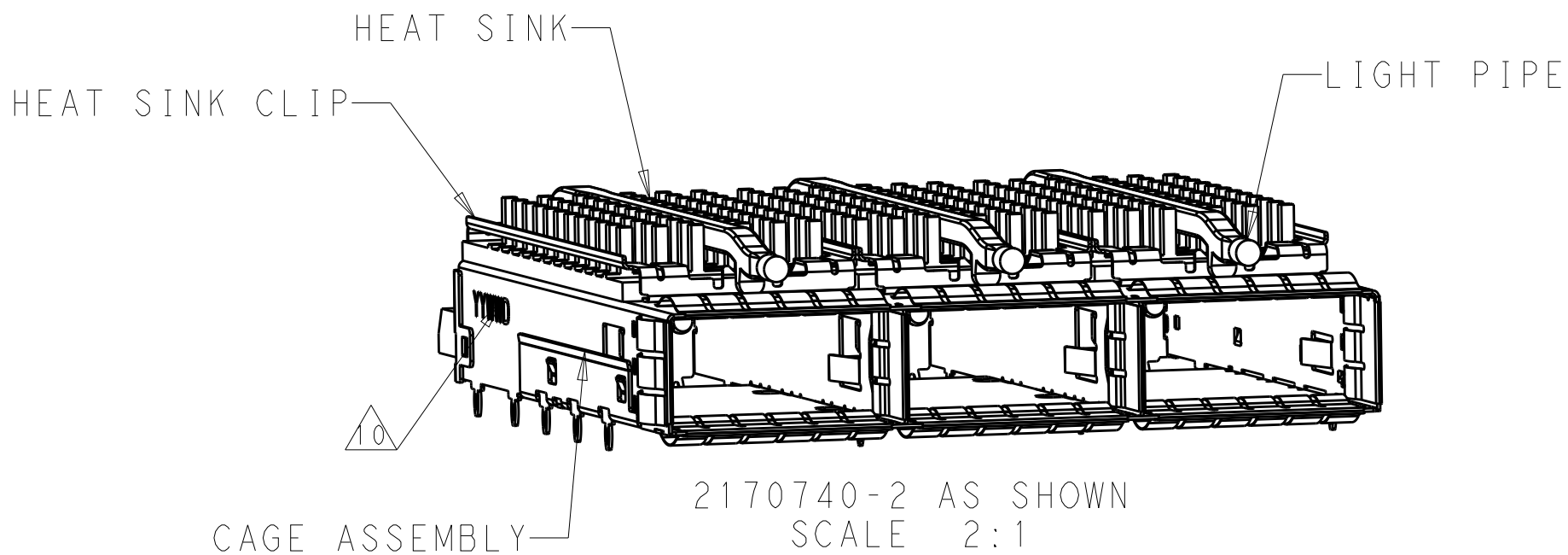
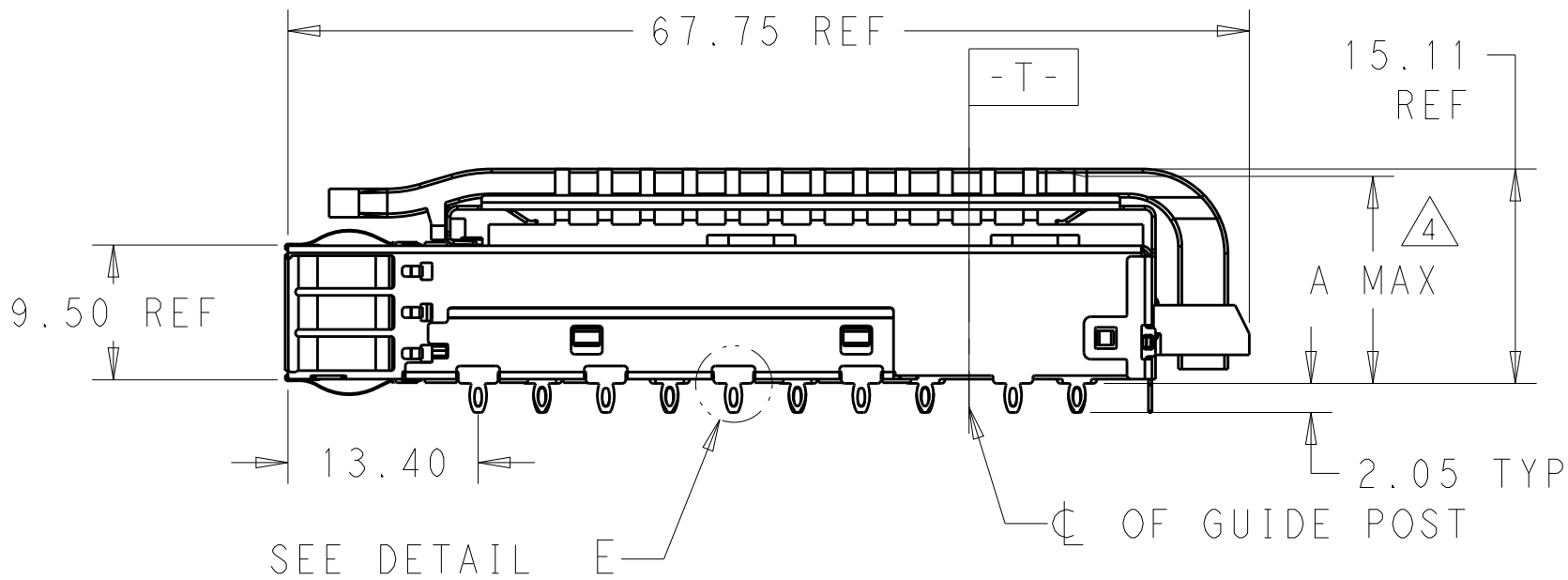
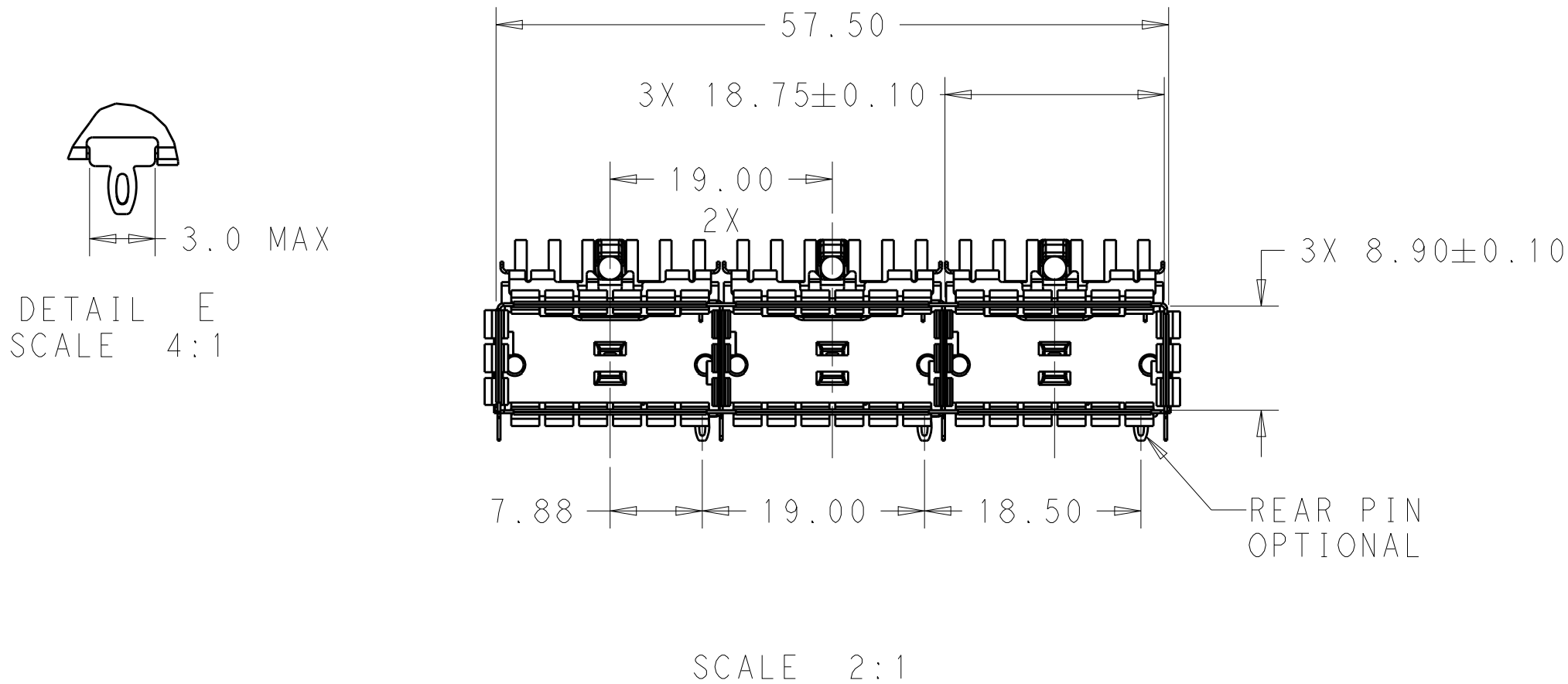


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASE	01NOV2016	JY	SH



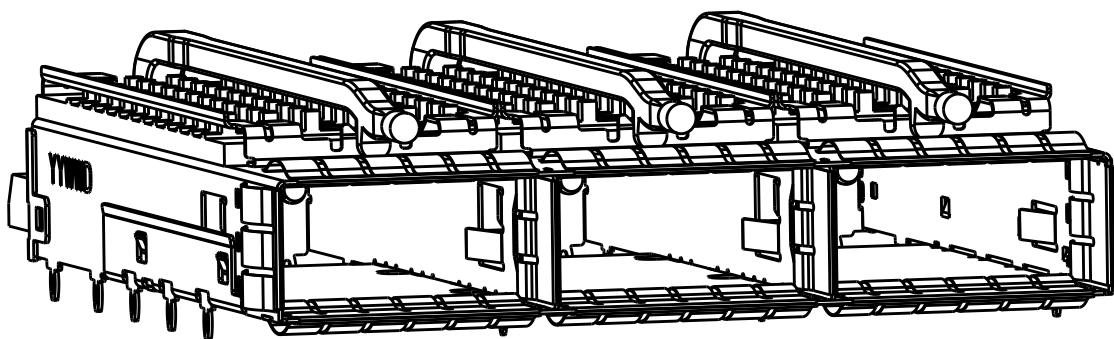
1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE
ORGANIZER: POLYESTER WITH UL 94V-0
2. REFERENCE APPLICATION SPECIFICATION 114-32023
FOR RECOMMENDED DRILL HOLE DIAMETER 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. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
10. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
11. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.



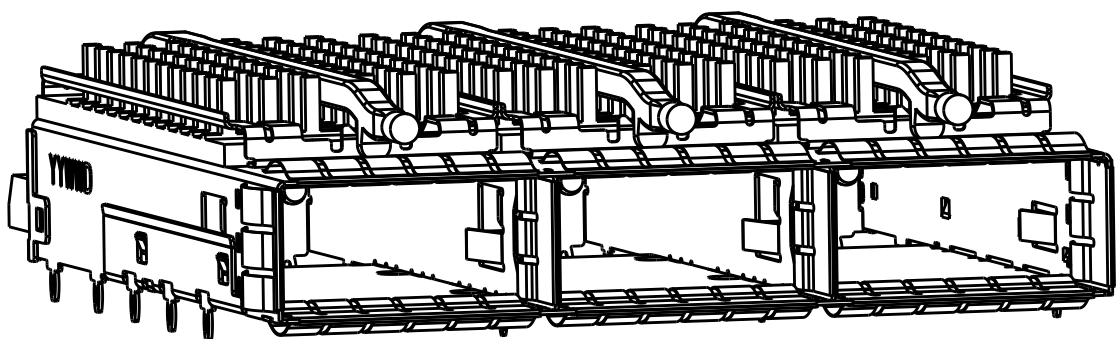
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	TE Connectivity			
		CHK JASON YANG 22APR2014				
		APVD SEAN HAN 22FEB2016	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19428	SIZE A200779	CAGE CODE C-2170740	RESTRICTED TO -
		0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH	APPLICATION SPEC 114-32023			
MATERIAL		SEE NOTES	WEIGHT -			
SEE NOTES		SEE NOTES	CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 9	REV A

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

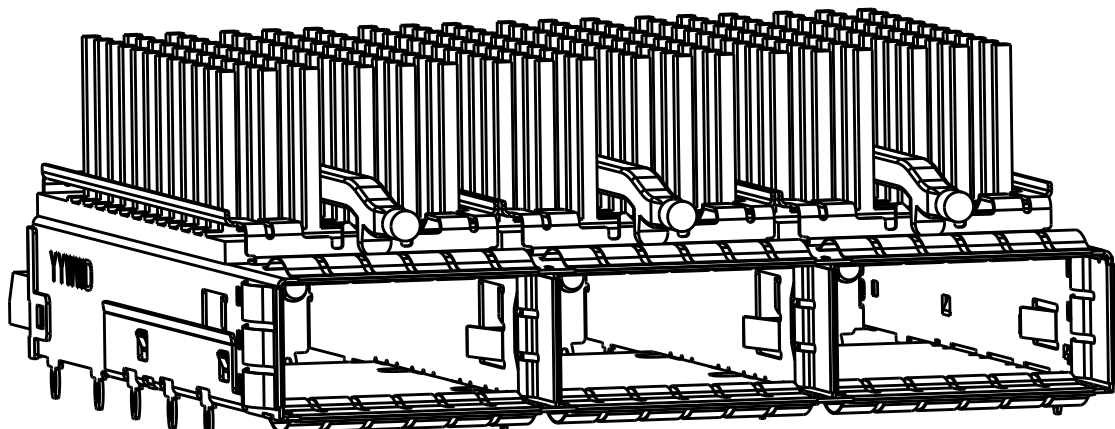
HEAT SINK OPTION



PCI HEAT SINK
SCALE 2:1

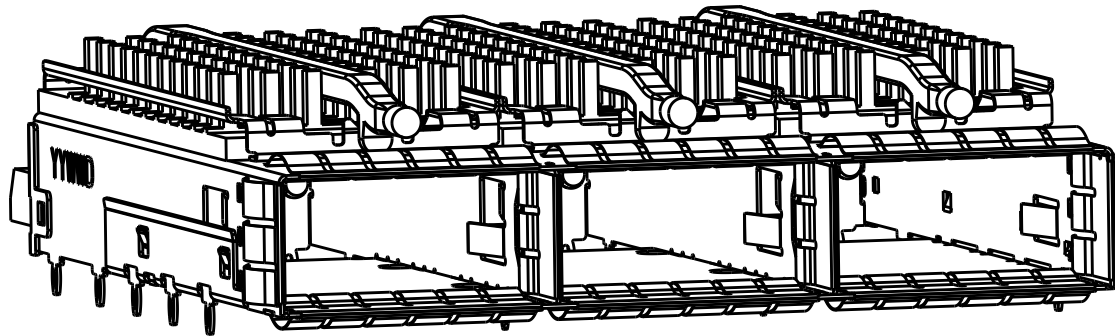


SAN HEAT SINK
SCALE 2:1

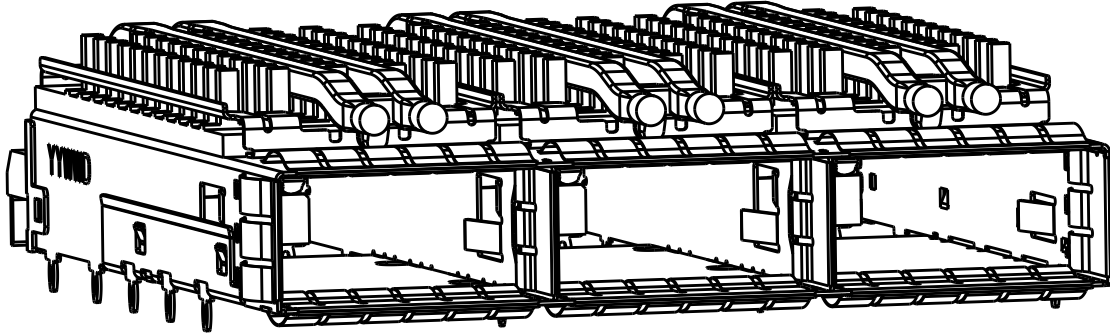


NETWORKING
SCALE 2:1

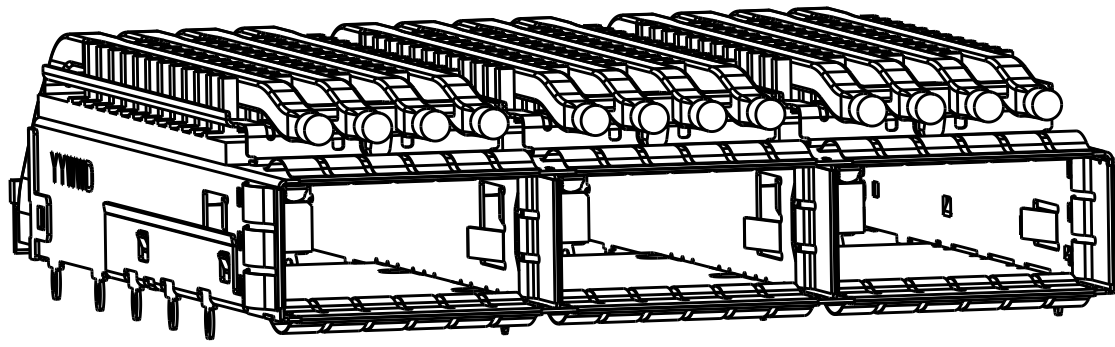
LIGHT PIPE OPTION



SINGLE LIGHT PIPE
SCALE 2:1

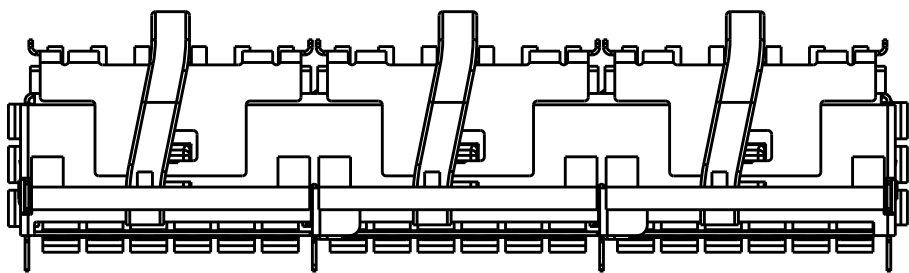


DUAL LIGHT PIPE
SCALE 2:1

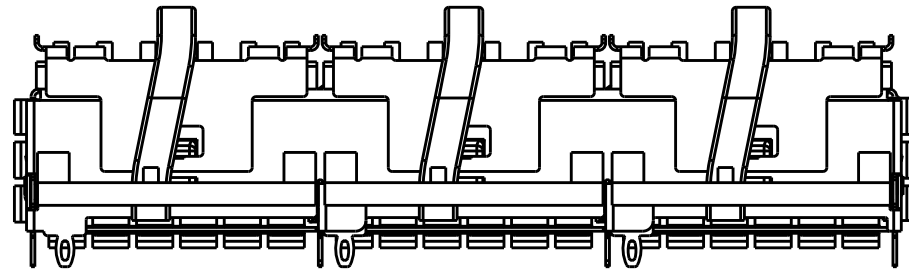


QUAD LIGHT PIPE
SCALE 2:1

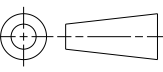
OF REAR LEGS OPTIONS



0 REAR PIN
SCALE 2:1



1 REAR PIN
SCALE 2:1

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DIMENSIONS:		CHK JASON YANG 22APR2014				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SEAN HAN 22FEB2016	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC 108-19428	SIZE 114-32023		DRAWING NO A200779C-2170740	
MATERIAL SEE NOTES material_2	FINISH SEE NOTES finish_spec_2	APPLICATION SPEC 114-32023	WEIGHT -		RESTRICTED TO -	
CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 9	REV A	

4

3

2

1

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LOC

DIST

REVISIONS

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

16.0	1	SAN	COATED QUAD LP	5-2170740-2
13.7	1	PCI	COATED QUAD LP	5-2170740-1
14.9	1	CUSTOMIZED	QUAD LP	4-2170740-7
23.0	0	NETWORKING	QUAD LP	4-2170740-6
16.0	0	SAN	QUAD LP	4-2170740-5
13.7	0	PCI	QUAD LP	4-2170740-4
23.0	1	NETWORKING	QUAD LP	4-2170740-3
16.0	1	SAN	QUAD LP	4-2170740-2
13.7	1	PCI	QUAD LP	4-2170740-1
23.0	0	NETWORKING	DUAL LP	2-2170740-6
16.0	0	SAN	DUAL LP	2-2170740-5
13.7	0	PCI	DUAL LP	2-2170740-4
23.0	1	NETWORKING	DUAL LP	2-2170740-3
16.0	1	SAN	DUAL LP	2-2170740-2
13.7	1	PCI	DUAL LP	2-2170740-1
16.0	1	SAN	N/A	1-2170740-2
14.9	1	CUTOMIZED	SINGLE LP	1-2170740-1
23.0	0	NETWORKING	SINGLE LP	2170740-6
16.0	0	SAN	SINGLE LP	2170740-5
13.7	0	PCI	SINGLE LP	2170740-4
23.0	1	NETWORKING	SINGLE LP	2170740-3
16.0	1	SAN	SINGLE LP	2170740-2
13.7	1	PCI	SINGLE LP	2170740-1
DIM A	# OF REAR PIN	APPLICATION	LIGHT PIPE OPTION	PART NUMBER

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

FINISH

SEE NOTES finish_spec_2

DWN BING LIU 22APR2014

CHK JASON YANG 22APR2014

APVD SEAN HAN 22FEB2016

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

SHEET 3 OF 9

REV A

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2170740

-

1471-9 (3/11)

D

D

C

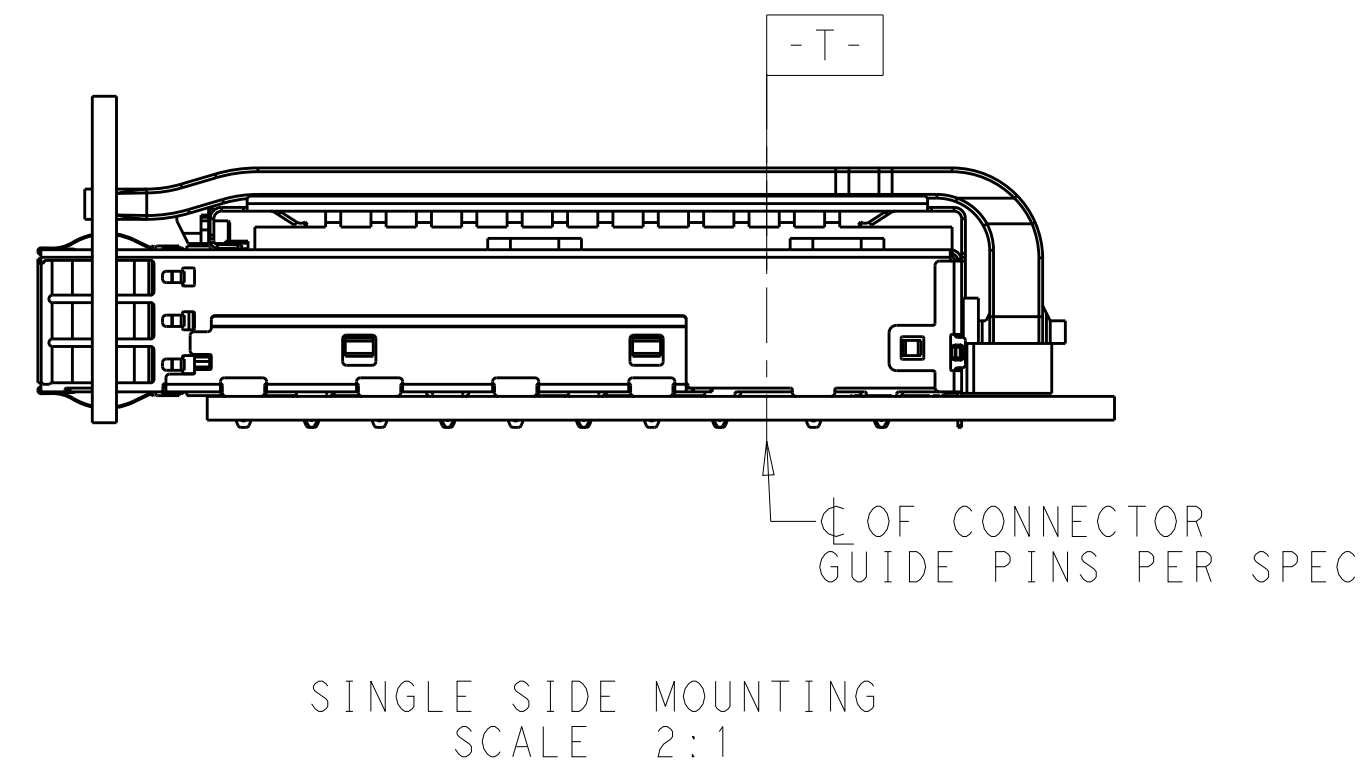
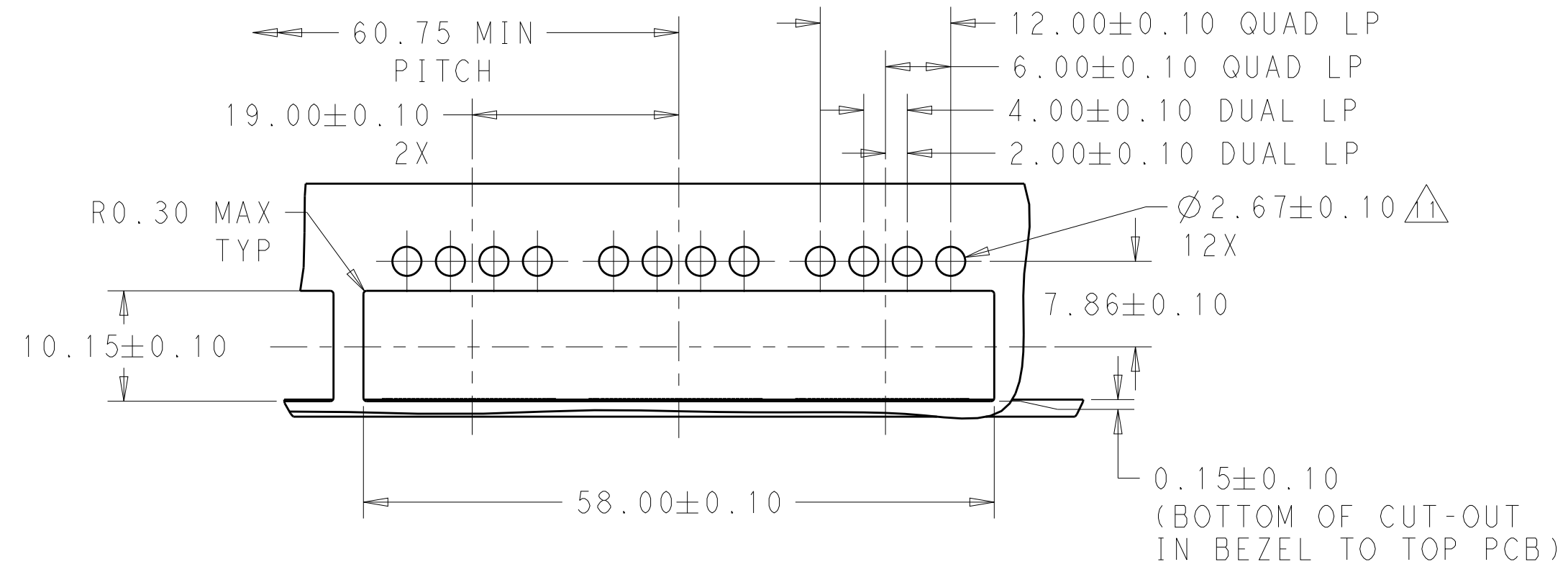
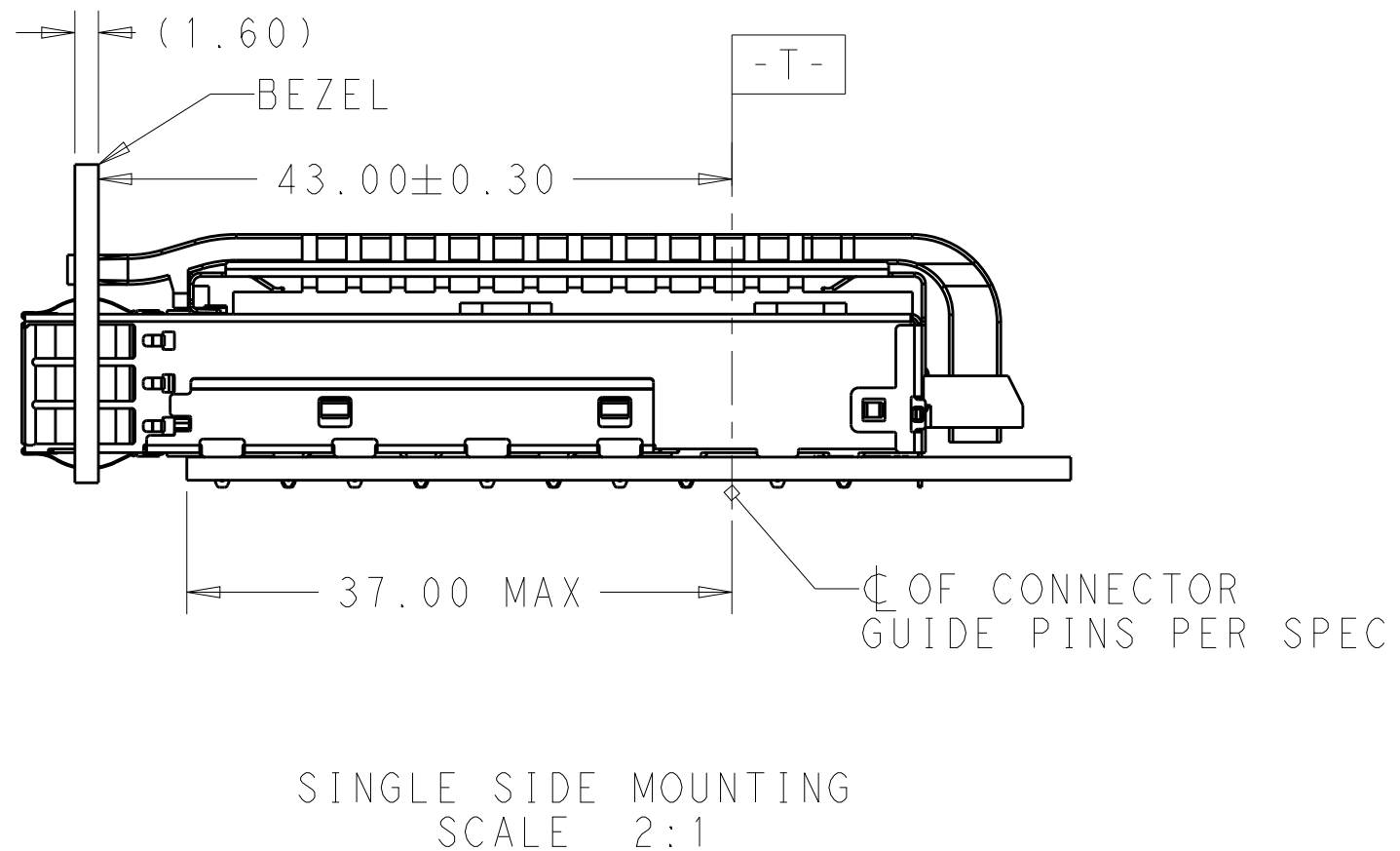
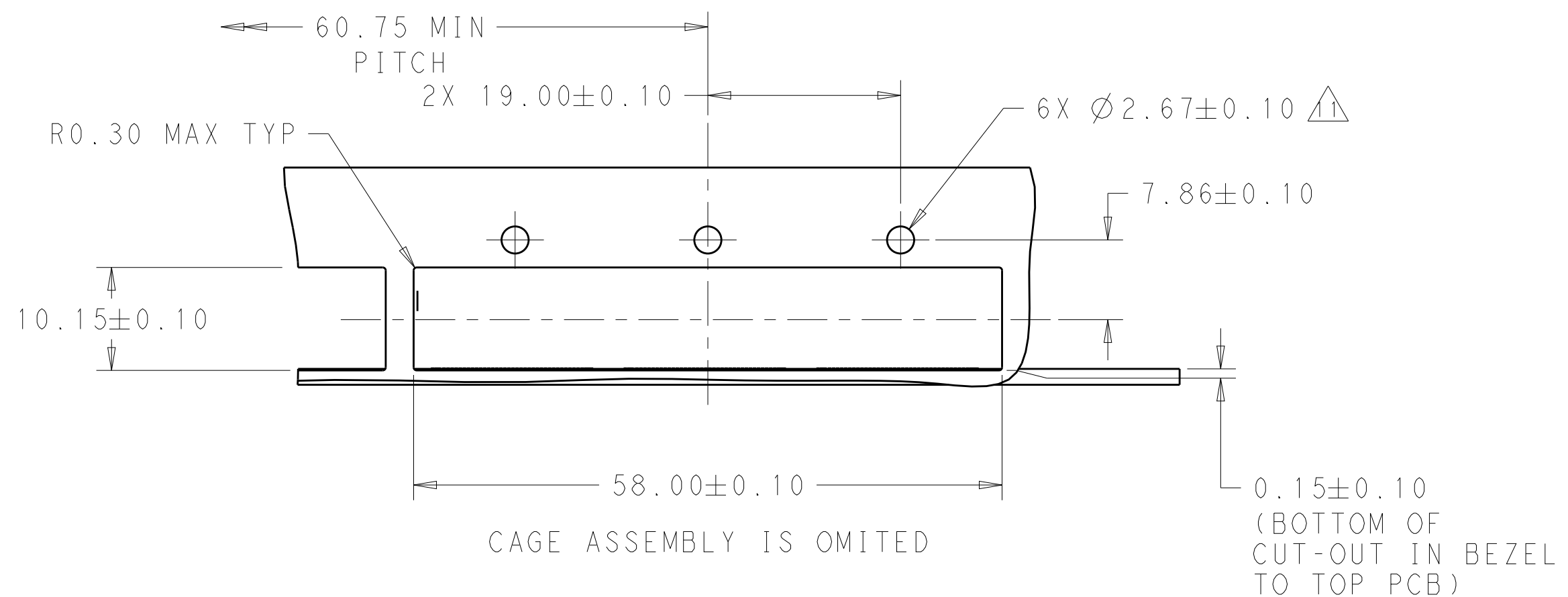
C

B

B

A

A



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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	22APR2014
mm		CHK	BING LIU
		APVD	JASON YANG
			SEAN HAN

0 PLC	±	PRODUCT SPEC	108-19428
1 PLC	±0.25	APPLICATION SPEC	114-32023
2 PLC	±0.2	WEIGHT	-
3 PLC	±		
4 PLC	±		
ANGLES	±		
FINISH			

TE Connectivity

RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28

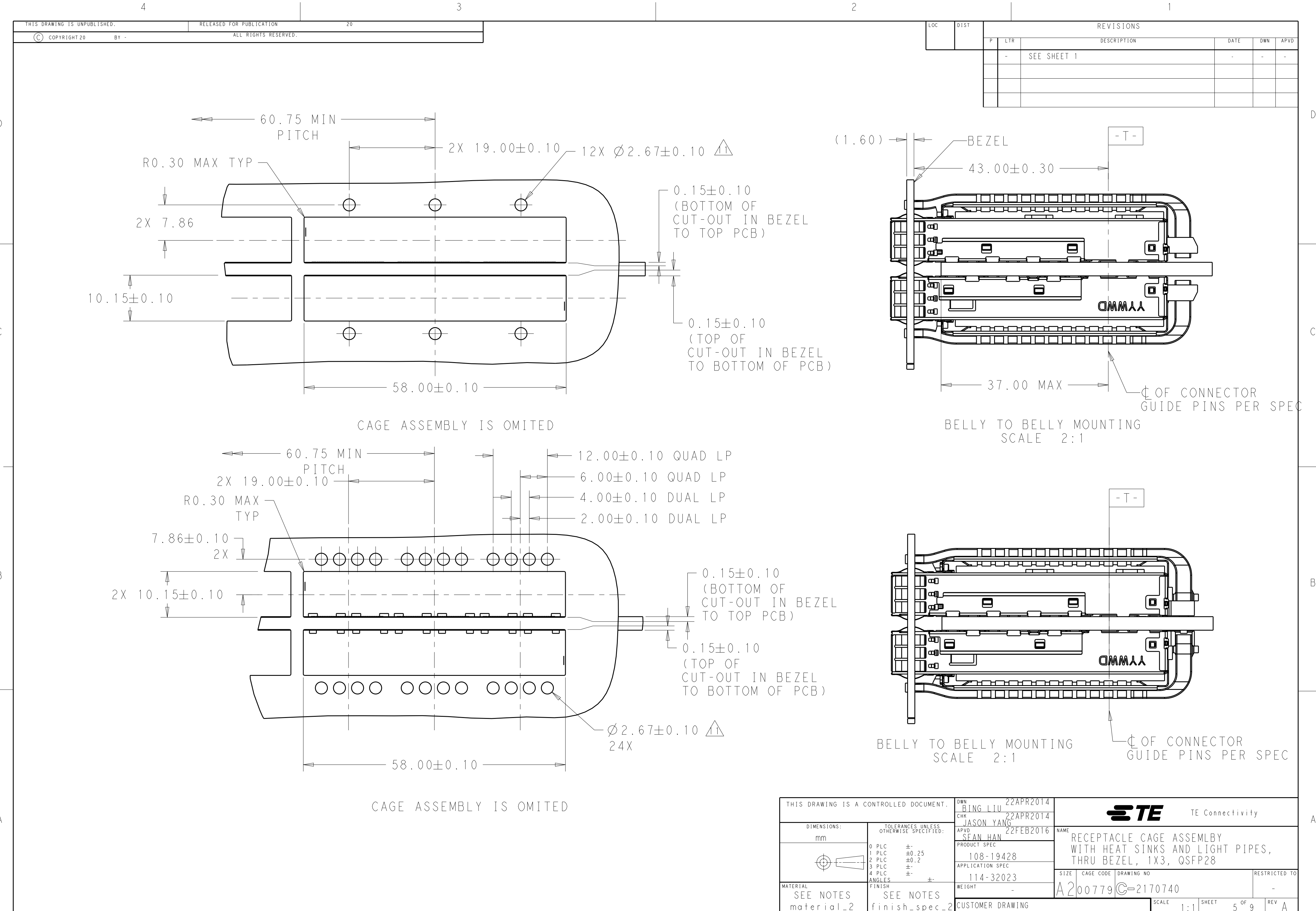
SIZE CAGE CODE DRAWING NO RESTRICTED TO

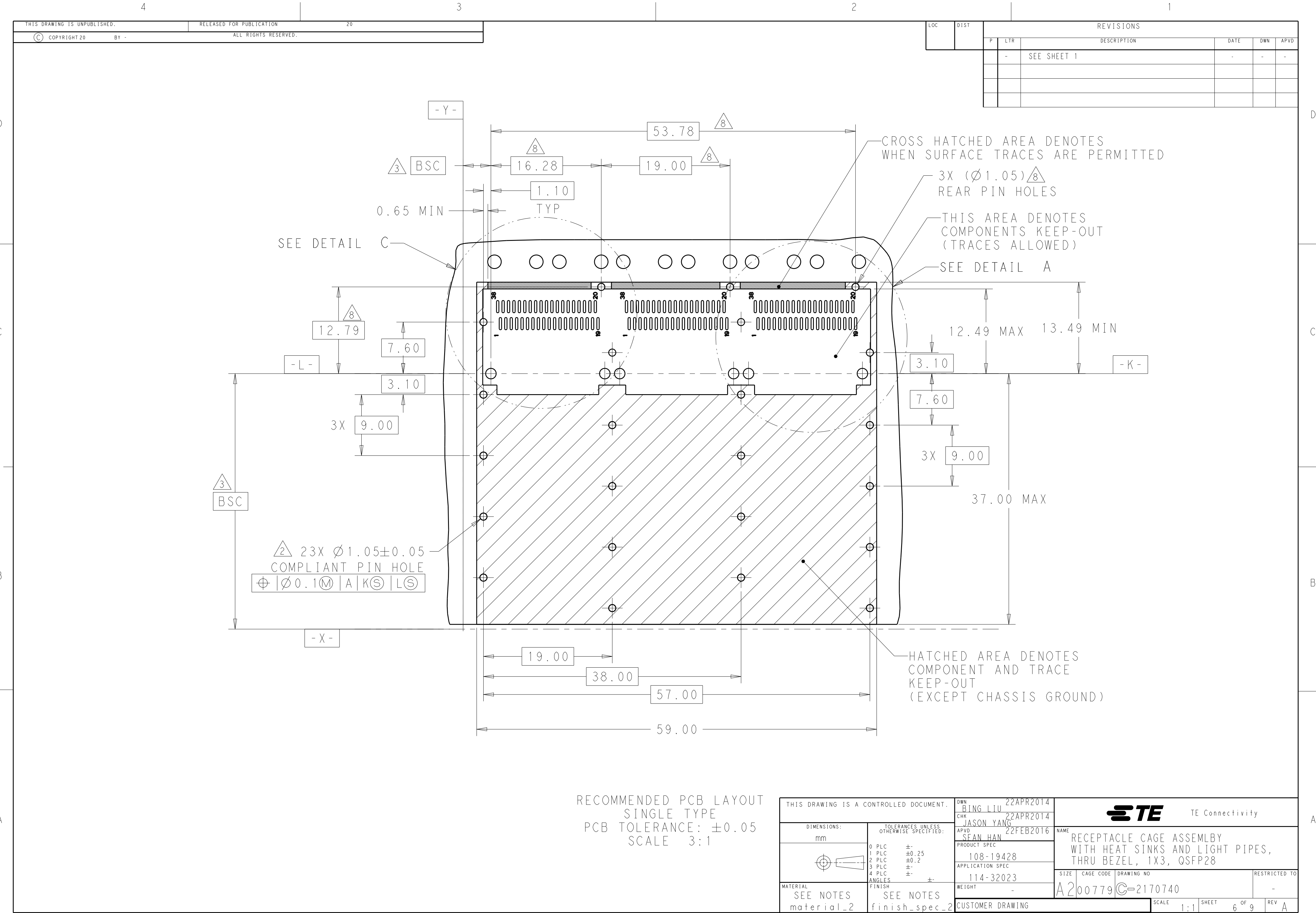
A200779C-2170740

SCALE 1:1

SHEET 4 OF 9

REV A



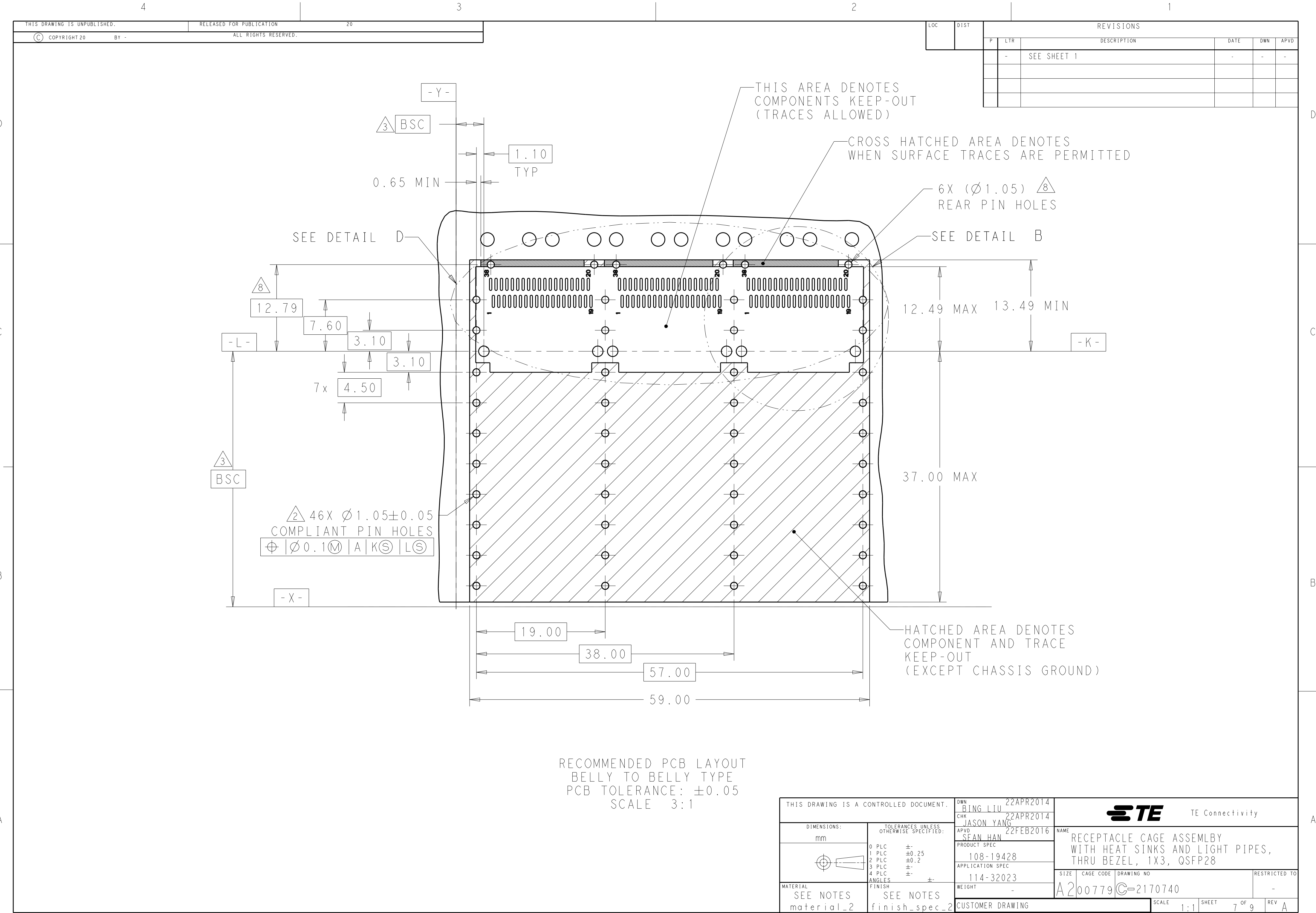


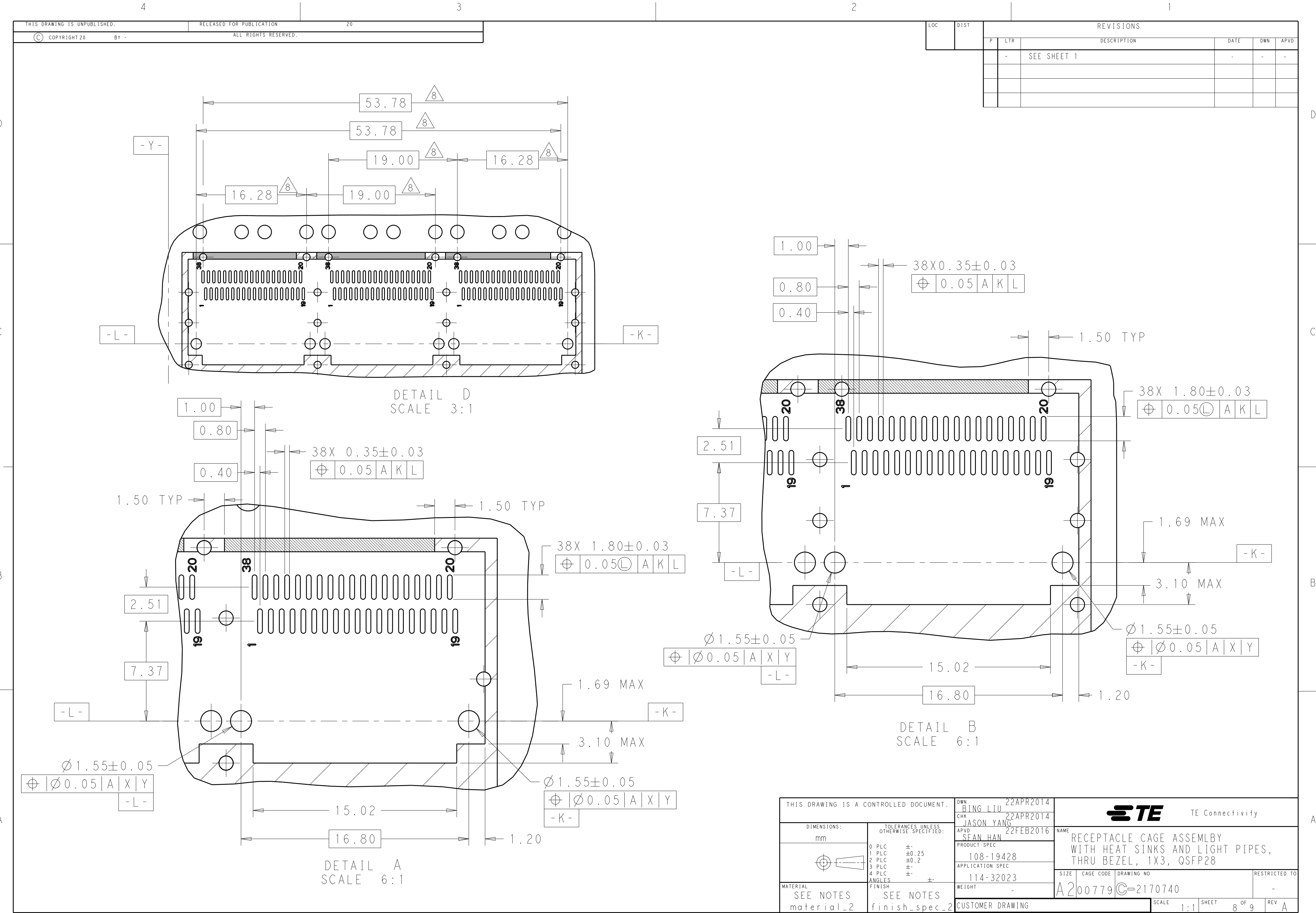
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												SEE SHEET 1		

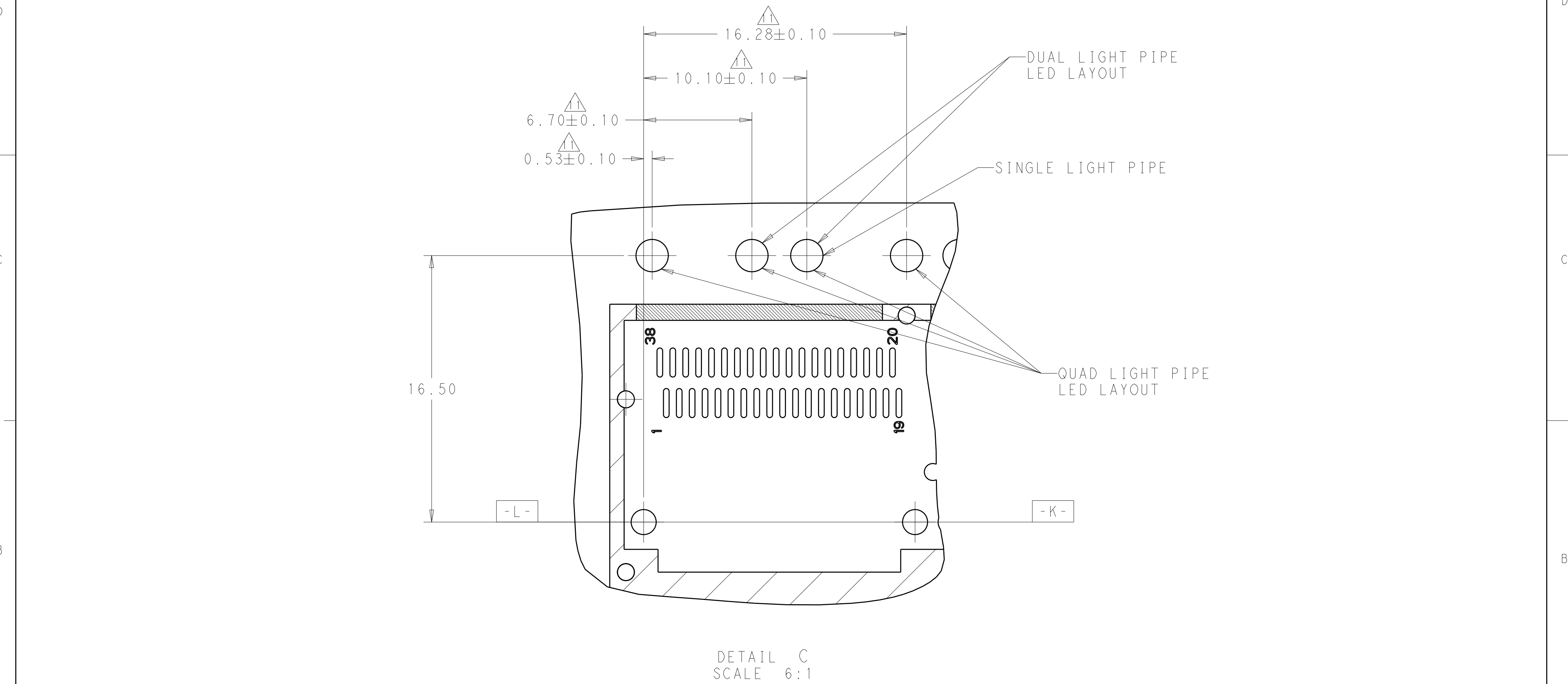
23X Ø1.05±0.05		COMPLIANT PIN HOLE	
Ø	Ø0.1	M	A
K	S	L	S

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	22APR2014
		CHK	22APR2014
		APVD	22FEB2016
		SEAN HAN	
		PRODUCT SPEC	
		108-19428	
		APPLICATION SPEC	
		114-32023	
		WEIGHT	
		-	
		CUSTOMER DRAWING	

SCALE		1:1	SHEET		6	OF		9	REV		A
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DWN

BING LIU

22APR2014

CHK

JASON YANG

22APR2014

APVD

SEAN HAN

22FEB2016

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

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, 1X3, QSFP28

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2170740

RESTRICTED TO

-

SCALE

1:1

SHEET

9 OF 9

REV

A

1471-9 (3/11)