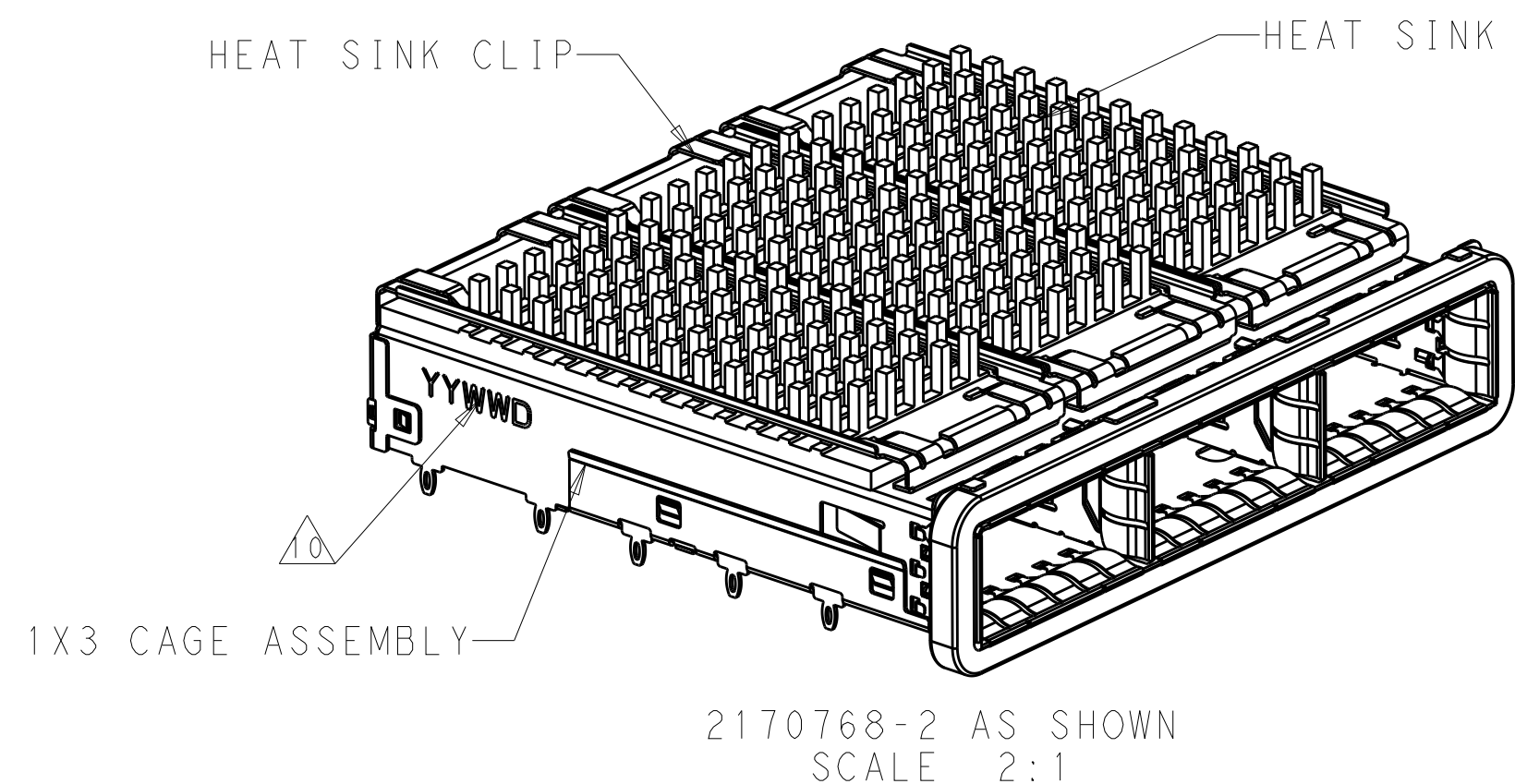
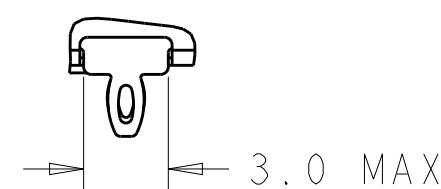
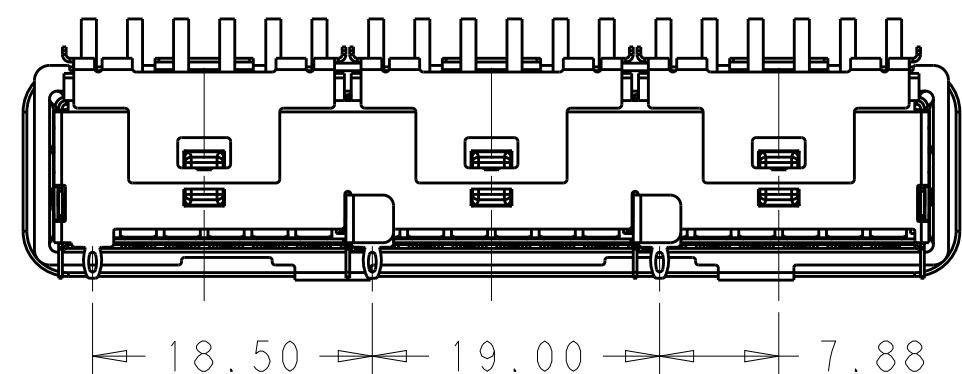
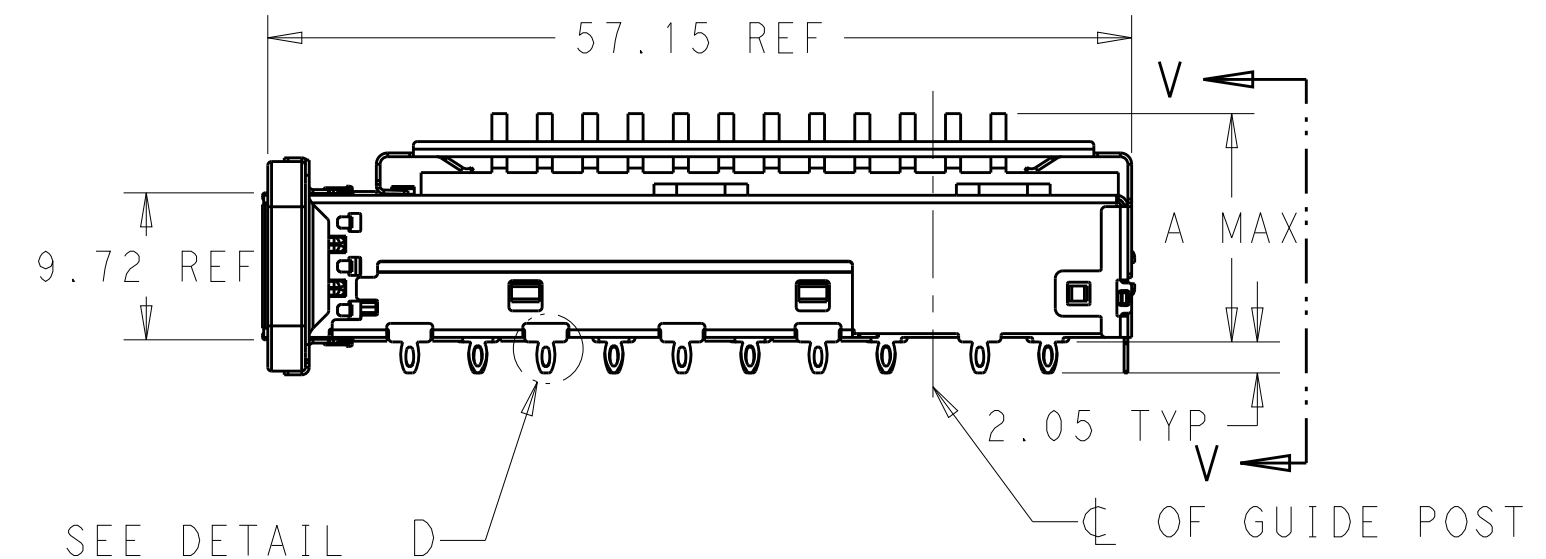
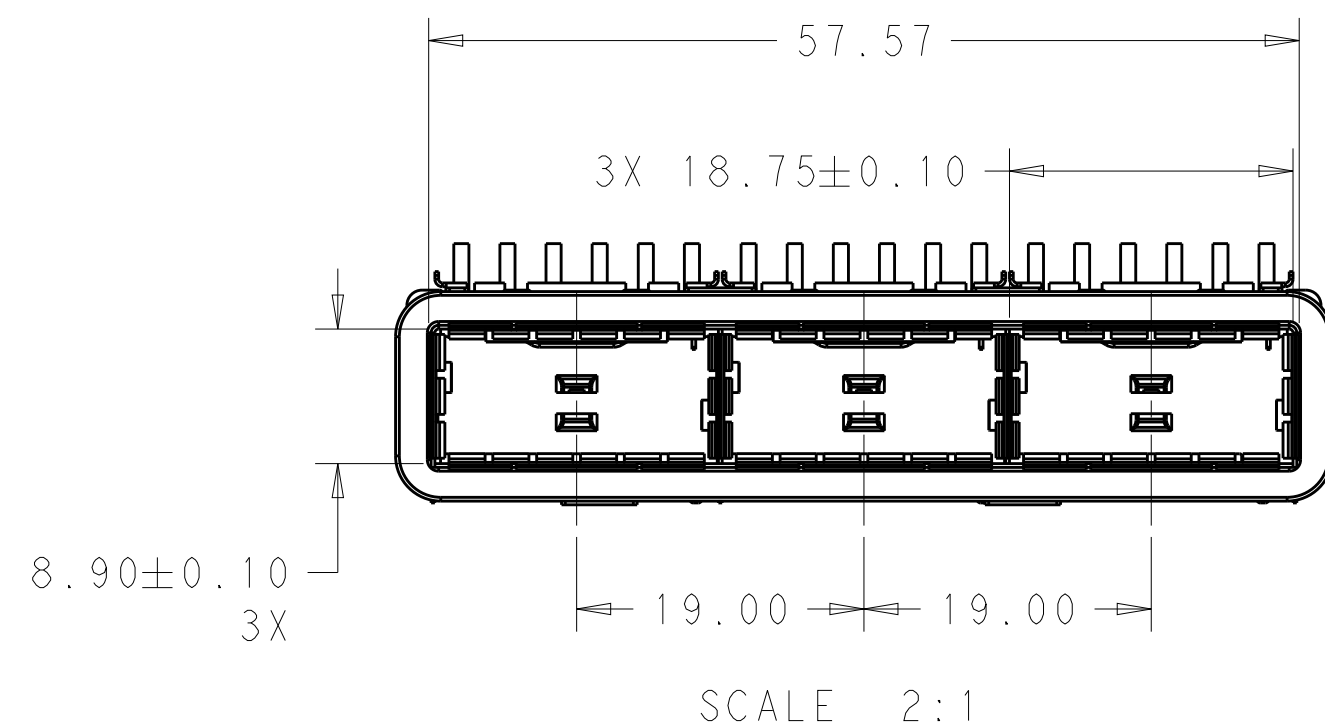


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASE	31DEC2015	JY	SH



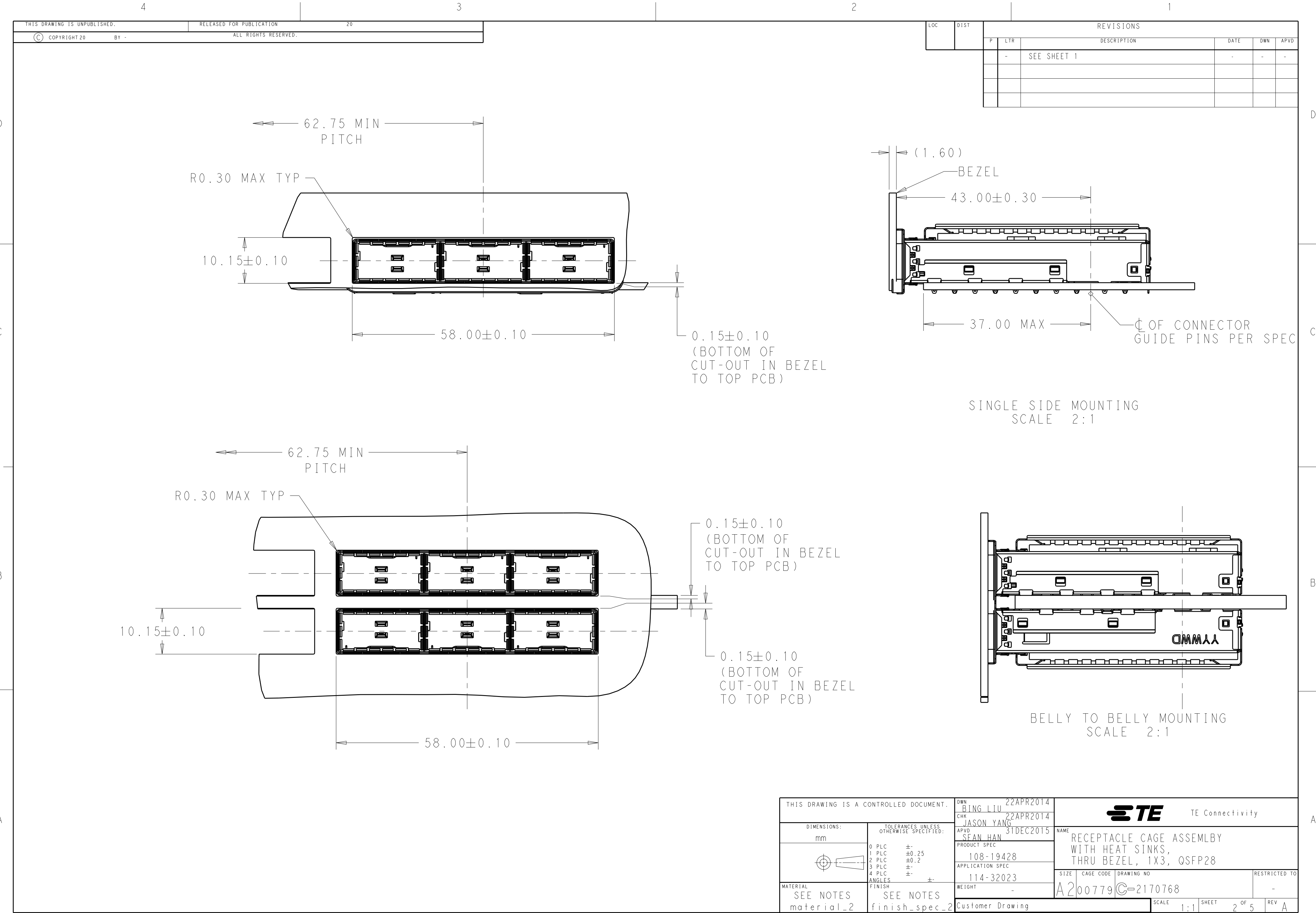
- COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI GASKET: CONDUCTIVE RUBBER
- REFERENCE APPLICATION SPECIFICATION 114-32023
FOR RECOMMENDED DRILL HOLE DIAMETER AND
PLATING THICKNESS
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
- DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
- HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES
ARE SHIPPED ASSEMBLED ON CAGE
- MINIMUM PC BOARD THICKNESS:
SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 3.00 MIN
- DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

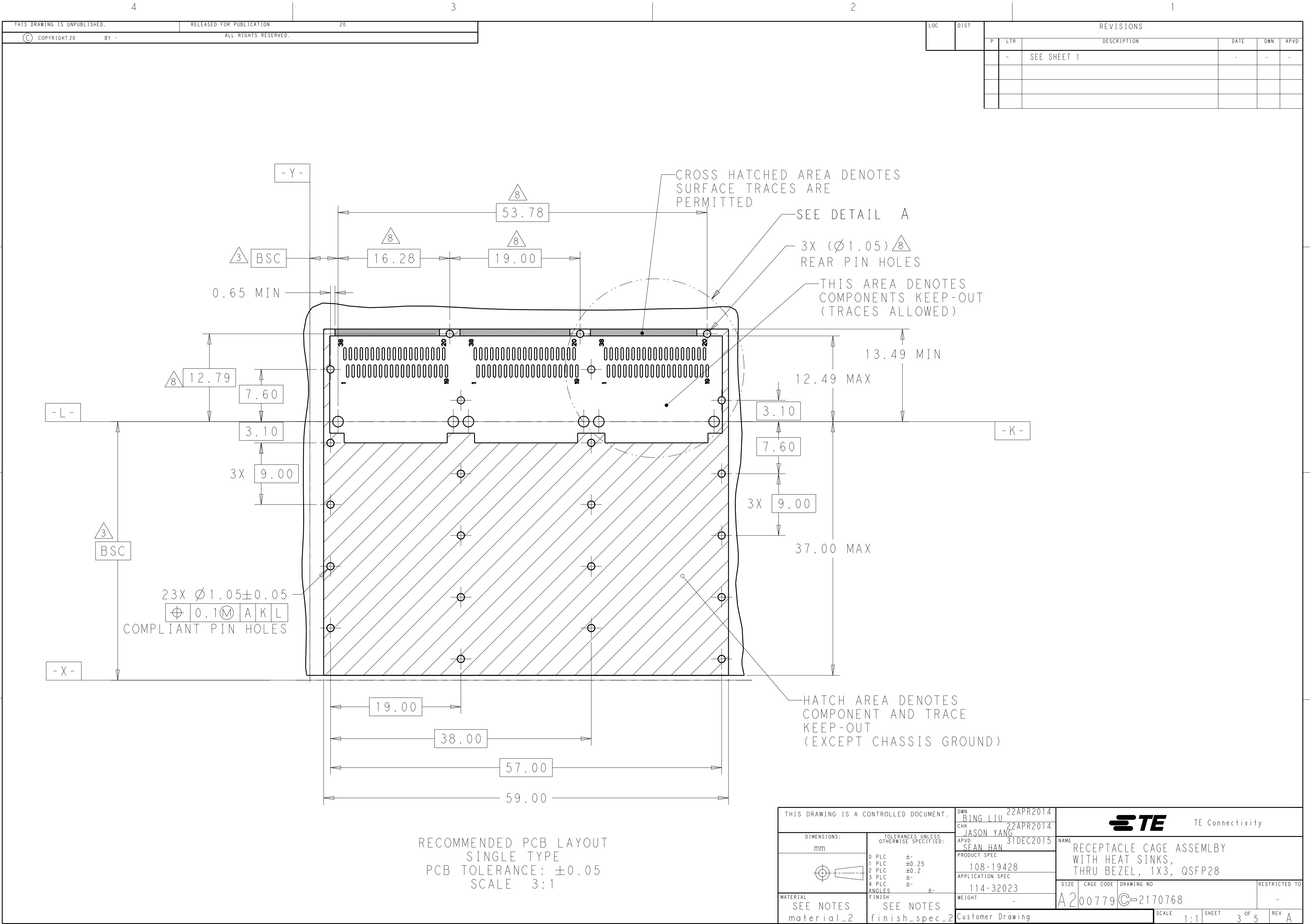


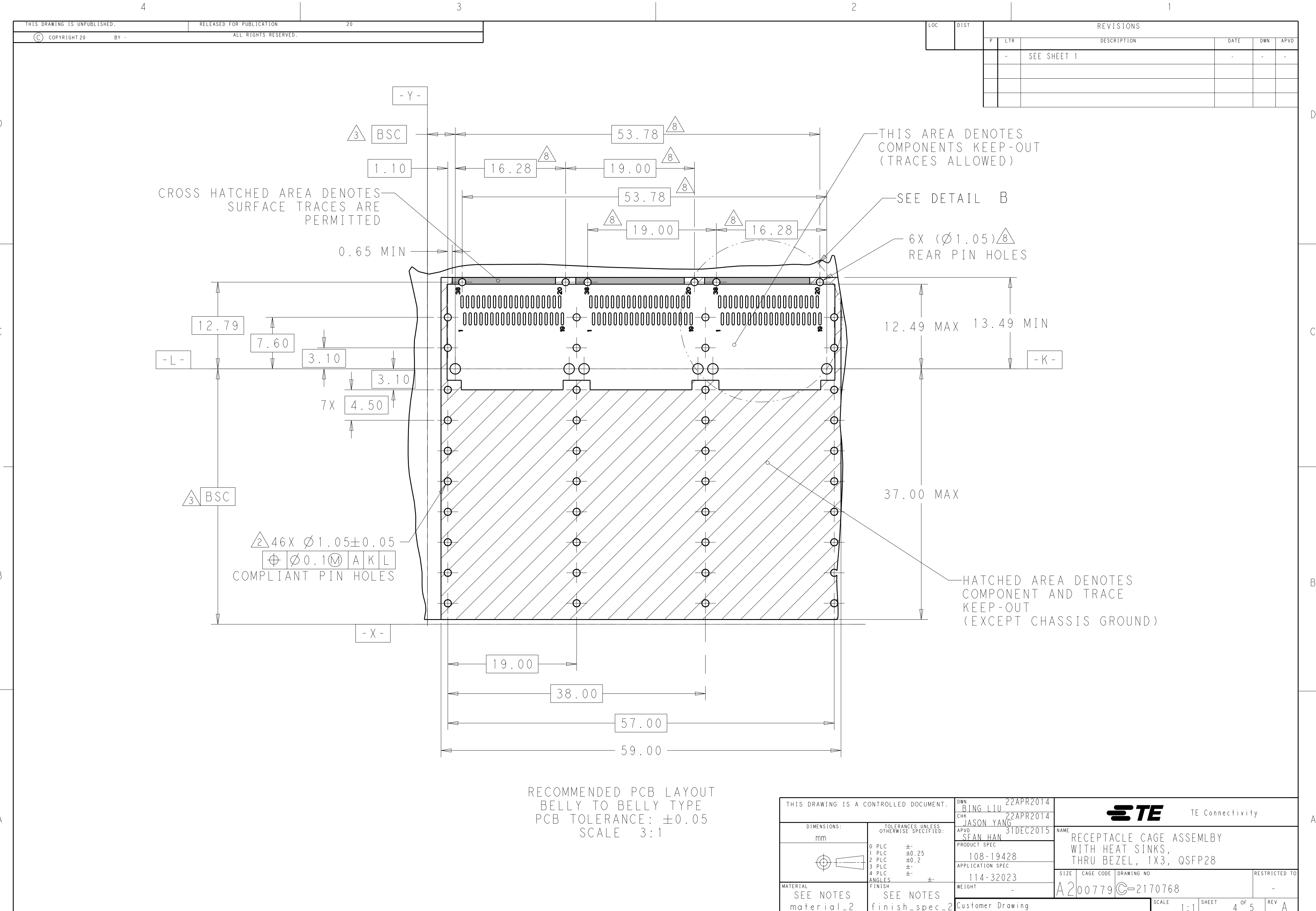
DETAIL D
SCALE 4:1

23.0	WITHOUT	NETWORKING	2170768-6
16.0	WITHOUT	SAN	2170768-5
13.7	WITHOUT	PCI	2170768-4
23.0	WITH	NETWORKING	2170768-3
16.0	WITH	SAN	2170768-2
13.7	WITH	PCI	2170768-1
DIM A	REAR PINS OPTIONAL	APPLICATION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU CHK JASON YANG APVD SEAN HAN	22APR2014 22APR2014 31DEC2015	STE TE Connectivity		
DIMENSIONS: mm		PRODUCT SPEC 108-19428		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32023		SIZE A2	CAGE CODE 00779	DRAWING NO C-2170768
MATERIAL		WEIGHT -		RESTRICTED TO -		
SEE NOTES		SEE NOTES		Customer Drawing		
				SCALE 1:1	SHEET 1	OF 5 REV A







THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		20		LOC		DIST		REVISIONS					
© COPYRIGHT 20		BY -		ALL RIGHTS RESERVED.						P	LTR	DESCRIPTION	DATE	DWN	APVD
										-	-	SEE SHEET 1	-	-	-

CROSS HATCHED AREA DENOTES
SURFACE TRACES ARE
PERMITTED

0.65 MIN

12.79

7.60

3.10

3.10

4.50

7X

1.10

16.28

19.00

53.78

53.78

19.00

16.28

6X (Ø1.05) REAR PIN HOLES

12.49 MAX 13.49 MIN

37.00 MAX

19.00

38.00

57.00

59.00

THIS AREA DENOTES
COMPONENTS KEEP-OUT
(TRACES ALLOWED)

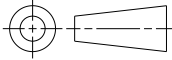
SEE DETAIL B

HATCHED AREA DENOTES
COMPONENT AND TRACE
KEEP-OUT
(EXCEPT CHASSIS GROUND)

COMPLIANT PIN HOLES

46X Ø1.05±0.05
Ø0.1 A K L

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 22APR2014	 TE Connectivity	
DIMENSIONS: mm		CHK JASON YANG 22APR2014		
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS, THRU BEZEL, 1X3, QSFP28	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-19428	SIZE A200779	
0 PLC ±-		APPLICATION SPEC 114-32023	CAGE CODE C-2170768	
1 PLC ±0.25		WEIGHT -	DRAWING NO -	
2 PLC ±0.2		RESTRICTED TO -		
3 PLC ±-		SCALE 1:1		
4 PLC ±-		SHEET 4 OF 5		
ANGLES ±		REV A		
FINISH SEE NOTES material_2		Customer Drawing		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		finish_spec_2		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	22APR2014	 TE Connectivity	
		CHK	BING LIU 22APR2014		
		CHK	JASON YANG 22APR2014	NAME	
		APVD	SEAN HAN 31DEC2015		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
mm				108-19428	
				APPLICATION SPEC	
				114-32023	
				WEIGHT	
				-	
MATERIAL		FINISH		SIZE	
SEE NOTES		SEE NOTES		A200779	
material_2		finish_spec_2		C-2170768	
				RESTRICTED TO	
				-	
				SCALE	
				1:1	
				SHEET	
				4 OF 5	
				REV	
				A	

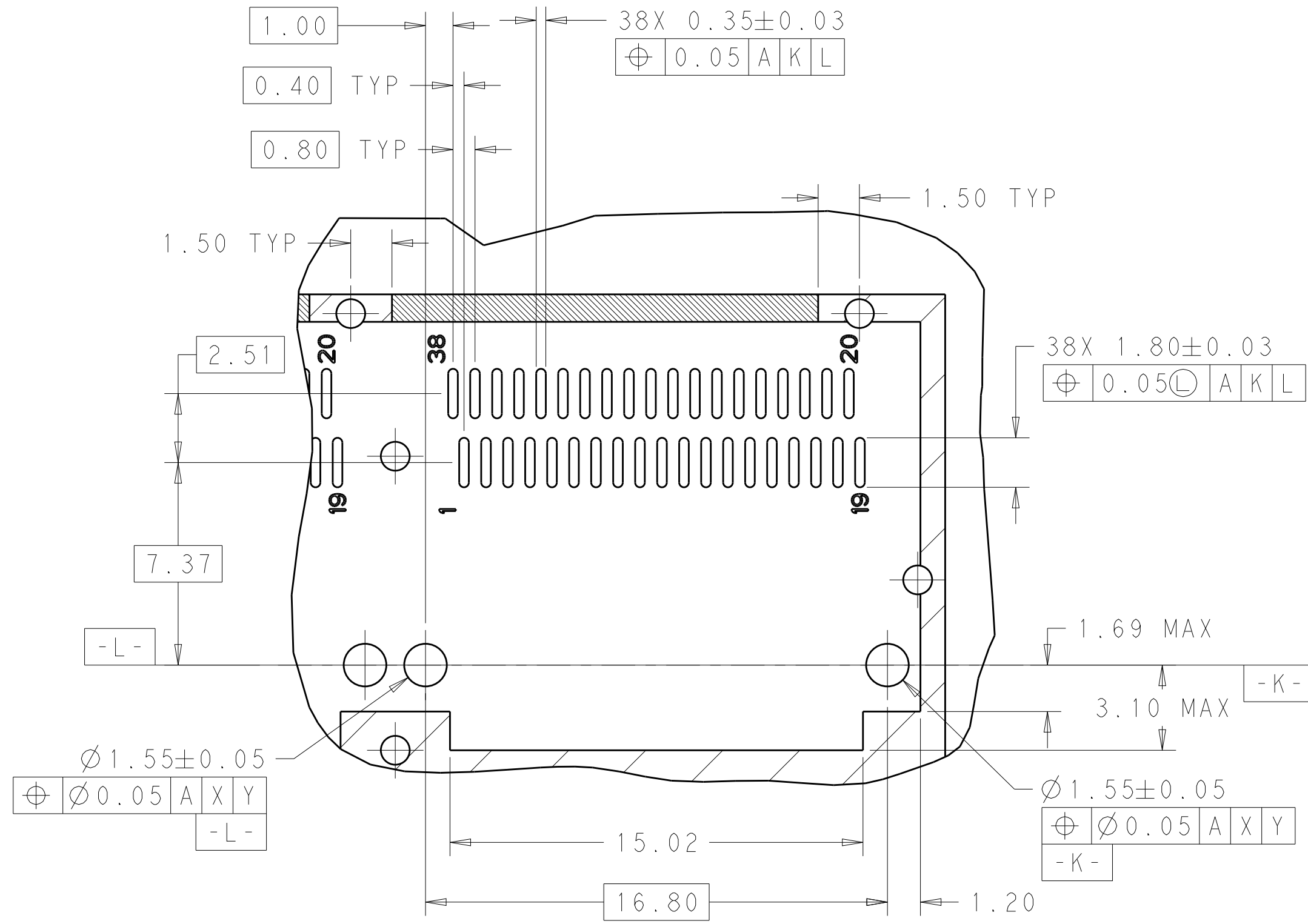
RECOMMENDED PCB LAYOUT
BELLY TO BELLY TYPE
PCB TOLERANCE: ±0.05
SCALE 3:1

D

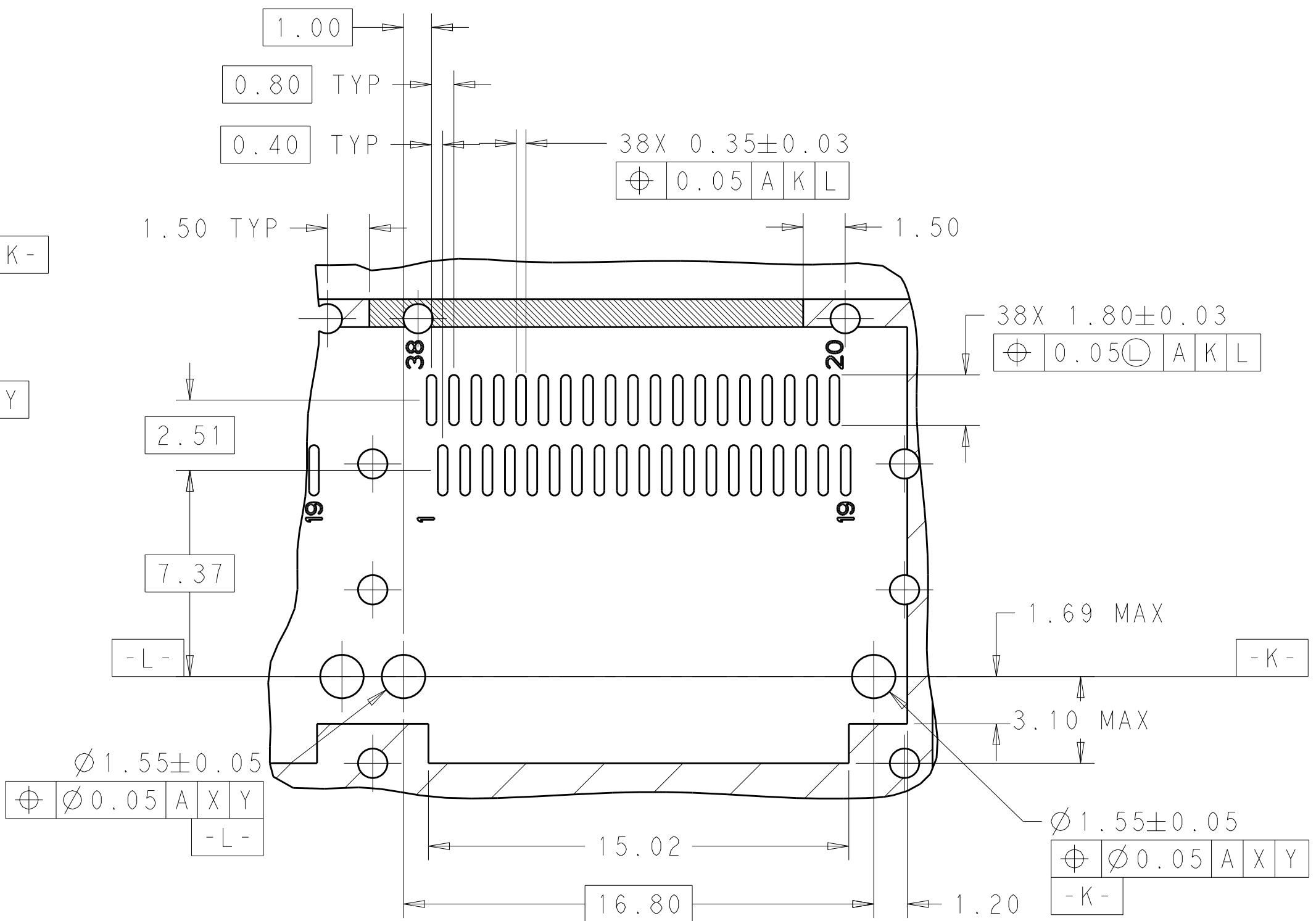
C

B

A



DETAIL A
SCALE 6:1



DETAIL B
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

BING LIU

22APR2014

CHK

JASON YANG

22APR2014

APVD

SEAN HAN

31DEC2015

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.25

2 PLC ±0.2

3 PLC ±

4 PLC ±

ANGLES ±

FINISH SEE NOTES

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, THRU BEZEL, 1X3, QSFP28

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2170768

RESTRICTED TO

-

SCALE

1:1

SHEET

5

OF

5

REV

A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2170768-3](#)