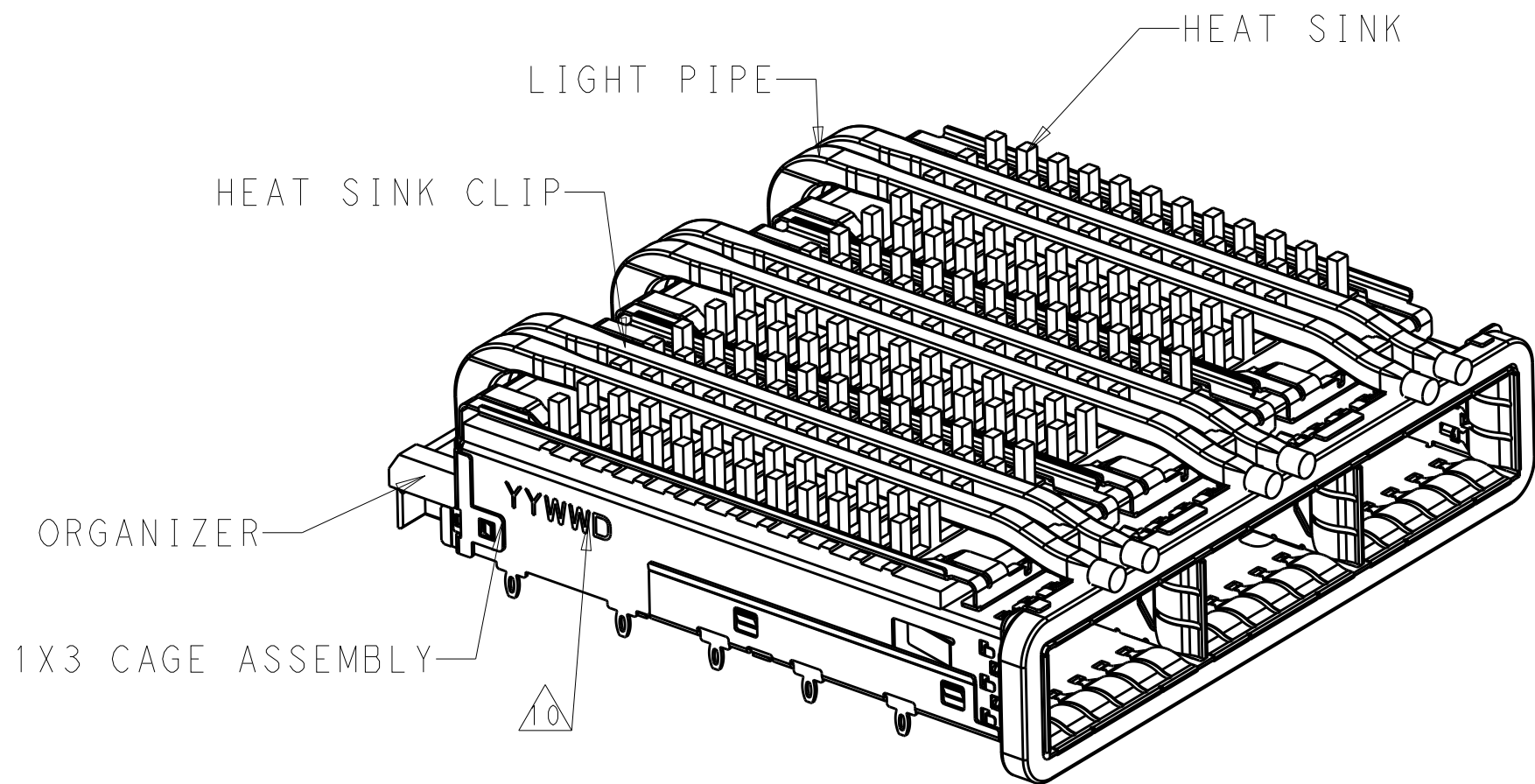
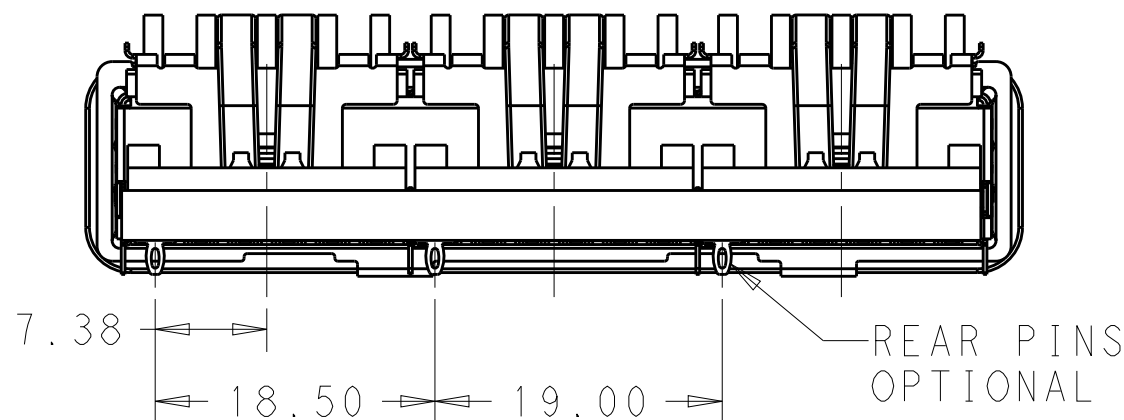
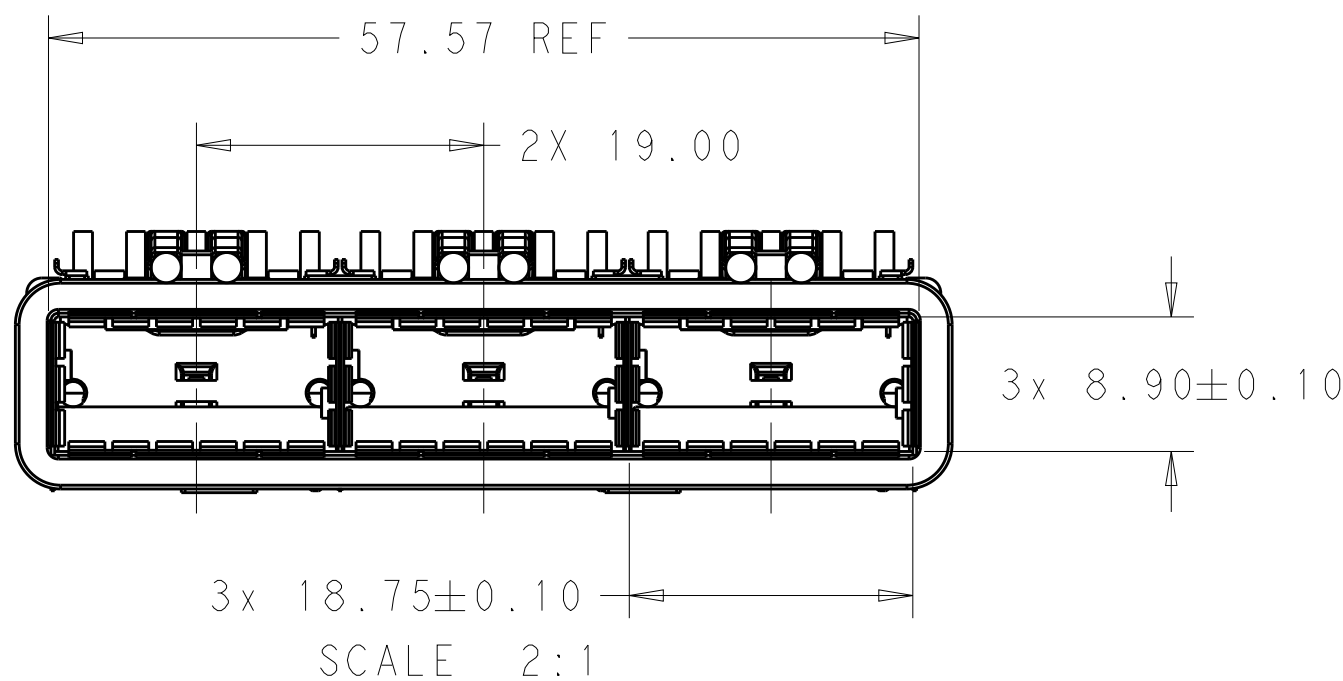


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASE	31DEC2015	JY	SH
			A1	REVISED PER ECO-19-016043	21OCT2019	SH	SH



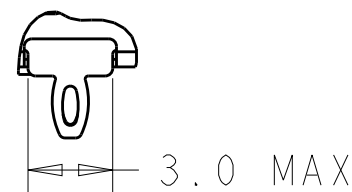
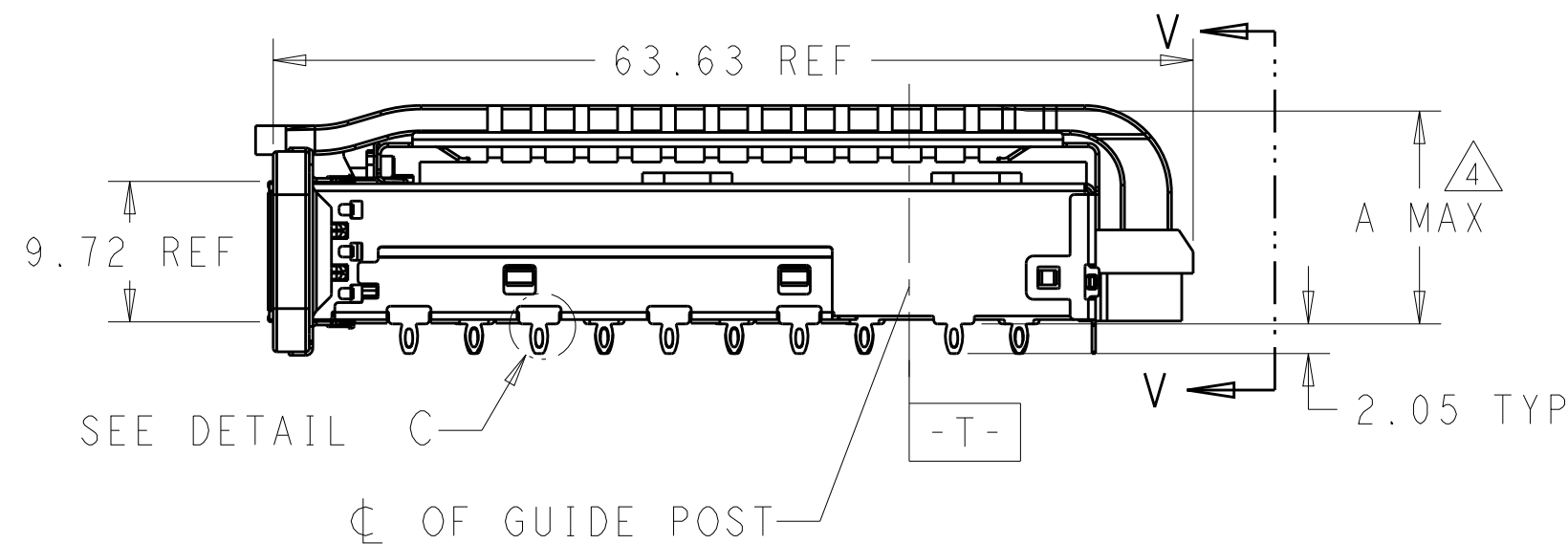
2-2170769-2 AS SHOWN
SCALE 2:1



VIEW V-V
SCALE 2:1

- 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
- 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.
- NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.

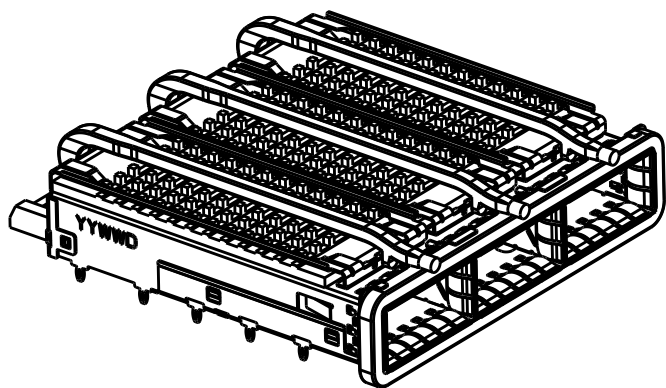


DETAIL C
SCALE 4:1

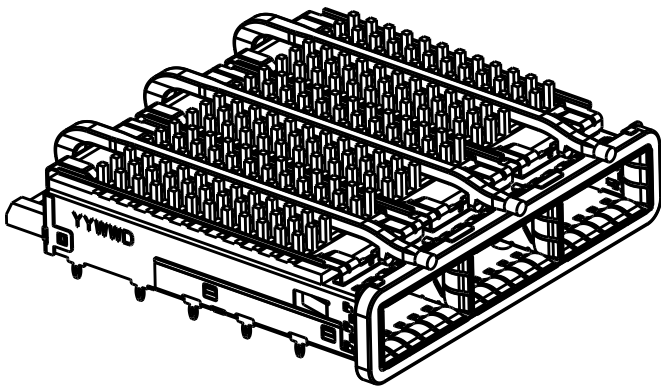
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	TE Connectivity			
		CHK JASON YANG 23APR2014				
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19428	SIZE A200779	CAGE CODE C-2170769	RESTRICTED TO -
		0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH	APPLICATION SPEC 114-32023	DRAWING NO C-2170769	SCALE 3:1	SHEET 1 OF 9
MATERIAL SEE NOTES		WEIGHT -	CUSTOMER DRAWING			
		SEE NOTES	REV A1			

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

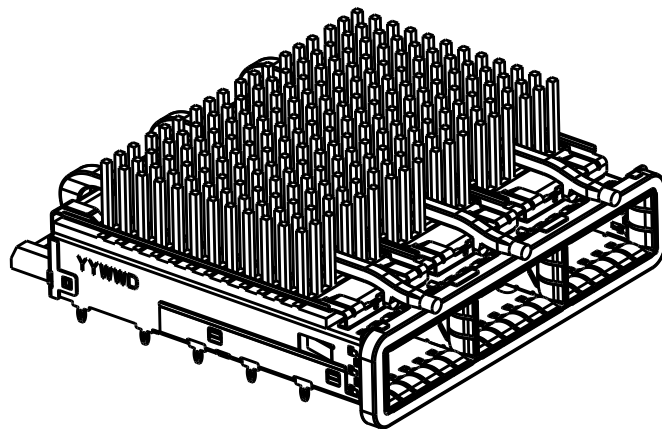
HEAT SINK OPTION



SCALE 1:1

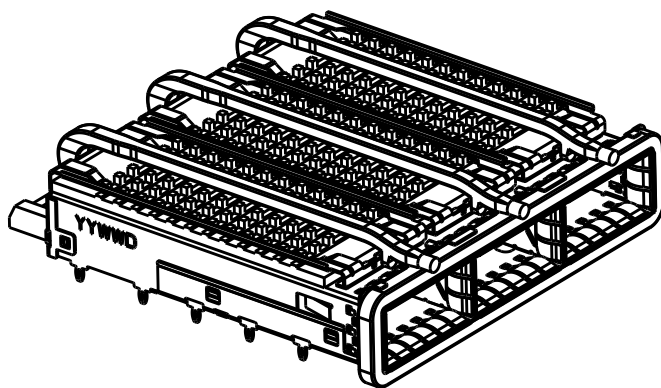


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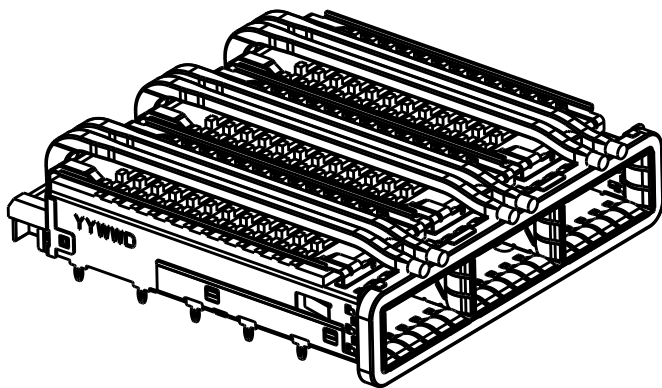


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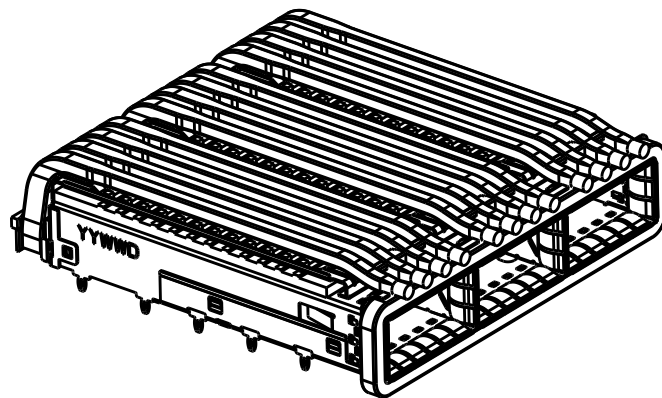
LIGHT PIPE OPTION



SCALE 1:1

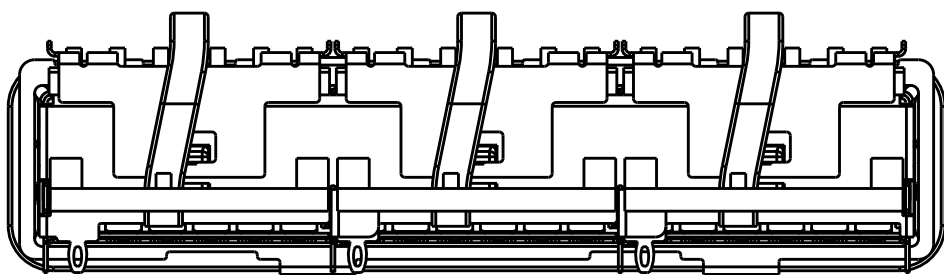


SCALE 1:1

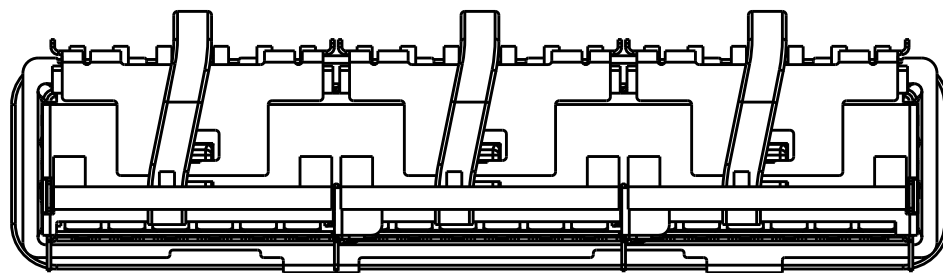


SCALE 1:1

OF REAR PIN OPTION



1 REAR PIN
SCALE 2:1



0 REAR PIN
SCALE 2:1

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		CHK JASON YANG 23APR2014				
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±	PRODUCT SPEC 108-19428		SIZE A2	
MATERIAL SEE NOTES material_2		FINISH SEE NOTES finish_spec_2	APPLICATION SPEC 114-32023		CAGE CODE 00779	
			WEIGHT -		DRAWING NO C-2170769	
			CUSTOMER DRAWING		RESTRICTED TO -	
			SCALE 3:1		SHEET 1 OF 9	
					REV A1	

4

3

2

1

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LOC

DIST

REVISIONS

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

0	23.0	QUAD	NETWORKING	4-2170769-6
0	16.0	QUAD	SAN	4-2170769-5
0	13.7	QUAD	PCI	4-2170769-4
1	23.0	QUAD	NETWORKING	4-2170769-3
1	16.0	QUAD	SAN	4-2170769-2
1	13.7	QUAD	PCI	4-2170769-1
0	23.0	DUAL	NETWORKING	2-2170769-6
0	16.0	DUAL	SAN	2-2170769-5
0	13.7	DUAL	PCI	2-2170769-4
1	23.0	DUAL	NETWORKING	2-2170769-3
1	16.0	DUAL	SAN	2-2170769-2
1	13.7	DUAL	PCI	2-2170769-1
0	16.0	SINGLE	W/O HS	2170769-7
0	23.0	SINGLE	NETWORKING	2170769-6
0	16.0	SINGLE	SAN	2170769-5
0	13.7	SINGLE	PCI	2170769-4
1	23.0	SINGLE	NETWORKING	2170769-3
1	16.0	SINGLE	SAN	2170769-2
1	13.7	SINGLE	PCI	2170769-1
# OF REAR PIN	DIM A	LIGHT PIPE OPTION	APPLICATION	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 ±-

MATERIAL

SEE NOTES

material_2

FINISH

SEE NOTES

finish_spec_2

DWN 23APR2014

CHK 23APR2014

APVD 31DEC2015

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

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

©-2170769

-

SCALE

3:1

SHEET

1

OF

9

REV

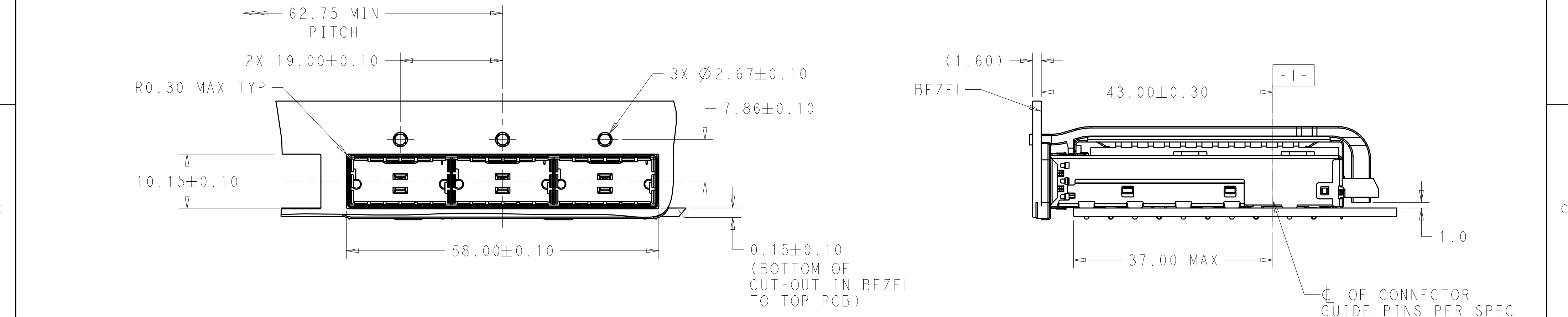
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1471-9 (3/11)

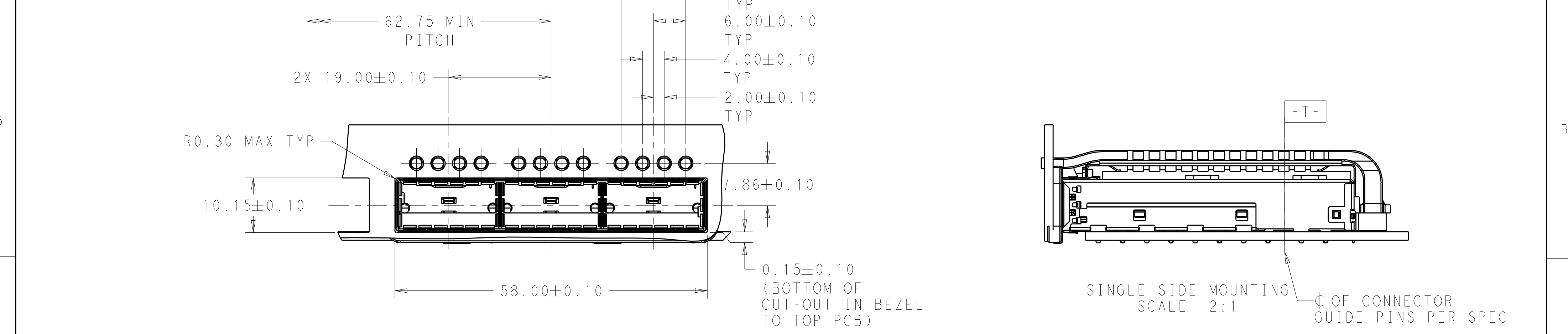
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

D



SINGLE SIDE MOUNTING
SCALE 2:1



SINGLE SIDE MOUNTING
SCALE 2:1

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	

APVD

23APR2014

23APR2014

31DEC2015

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2170769

-

SCALE

3:1

SHEET

1

OF

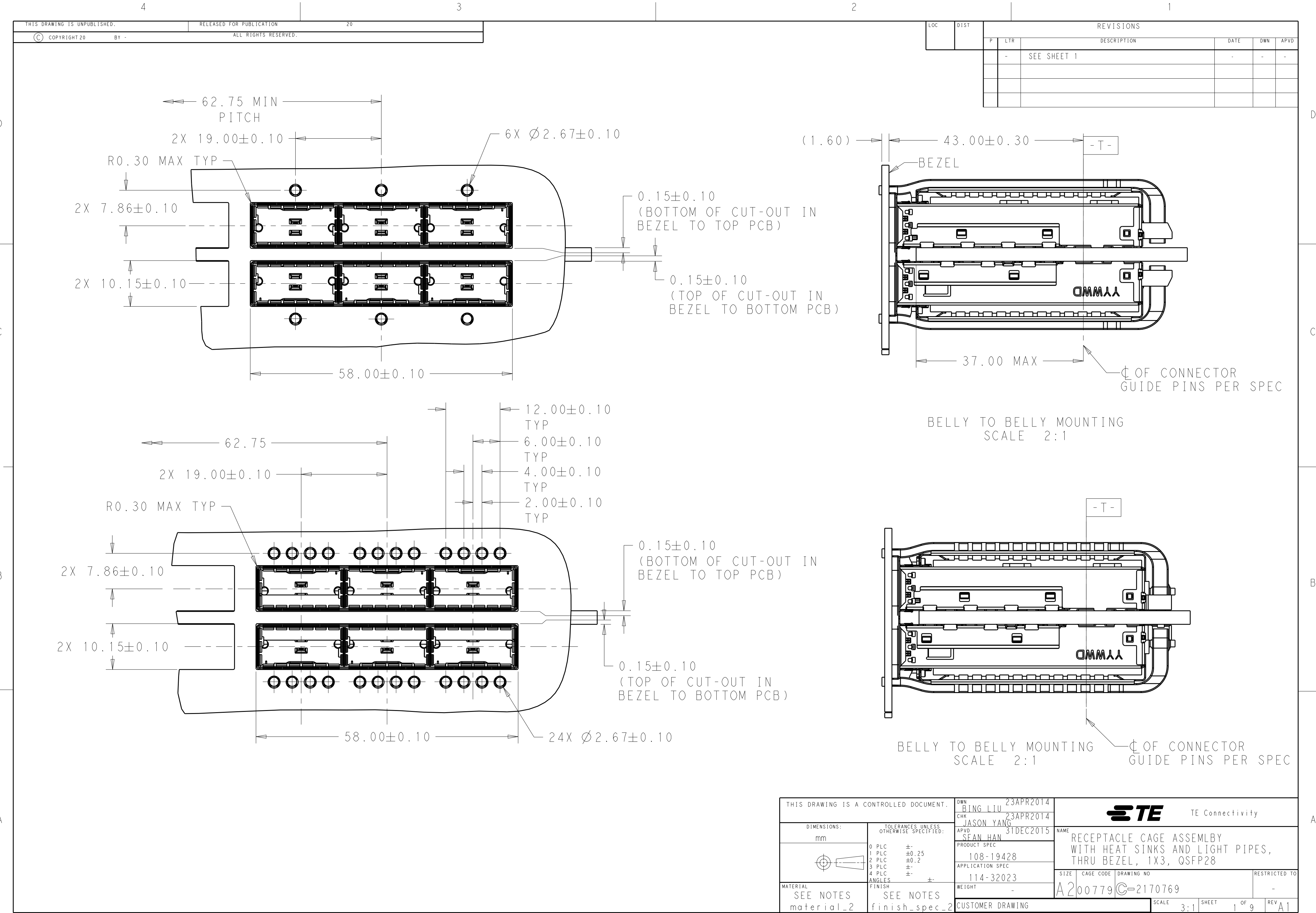
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REV

A1

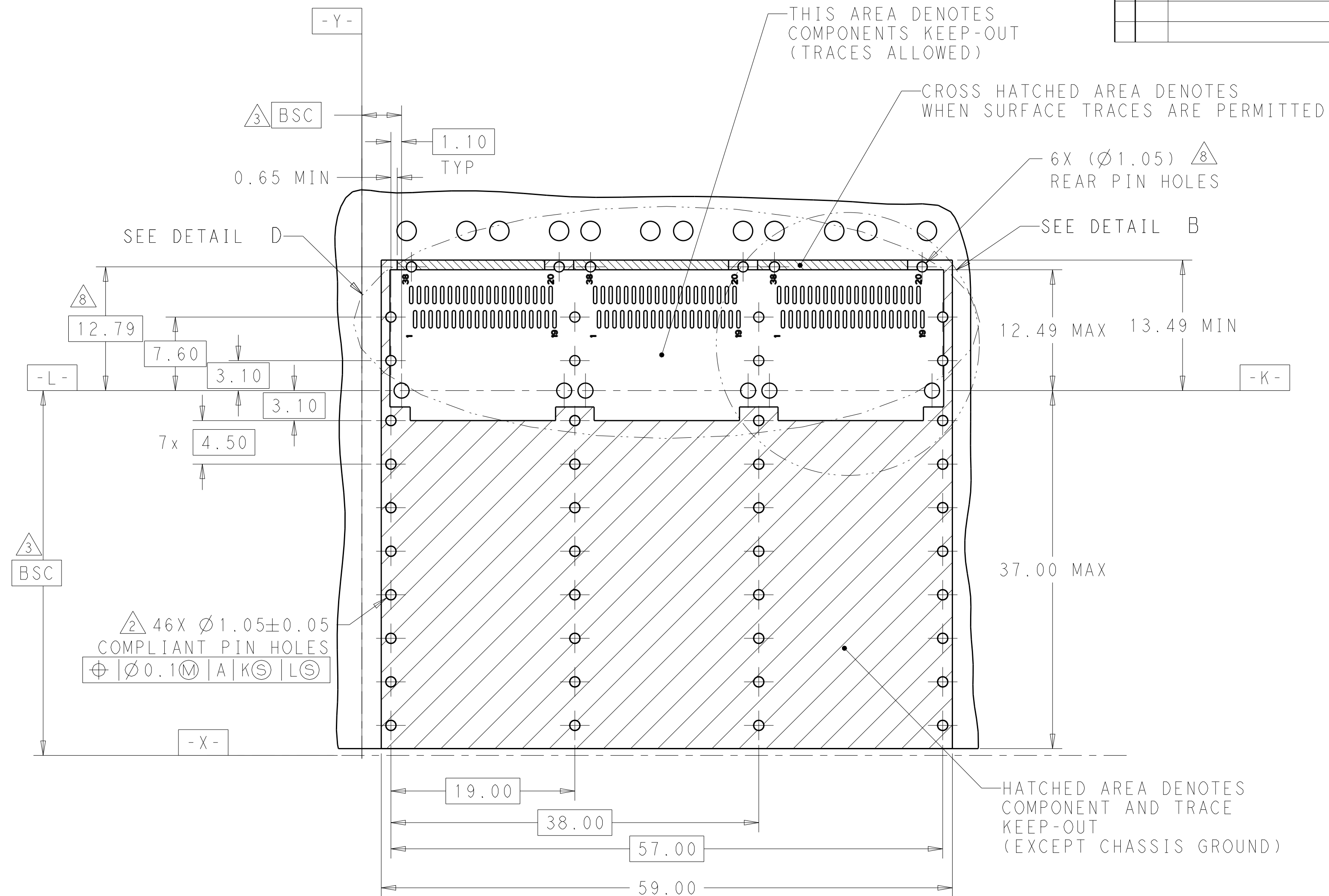
TE

TE Connectivity



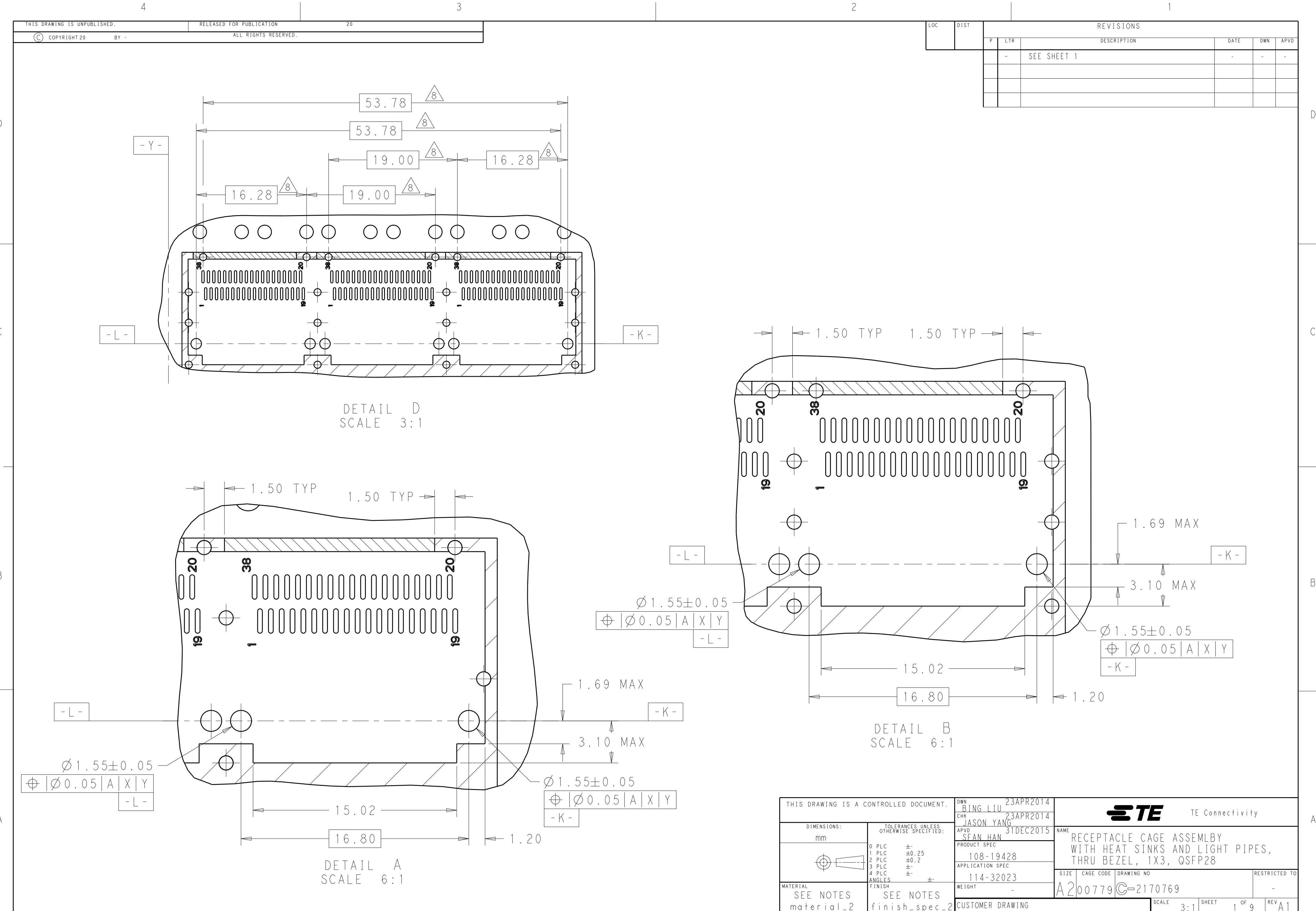
1471-9 (3/11)

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



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014		 TE Connectivity							
		CHR JASON HANG 23APR2014									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28							
mm		APVD SFAN HAN 31DEC2015									
		PRODUCT SPEC 108-19428									
		APPLICATION SPEC 114-32023									
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
SEE NOTES material 2		SEE NOTES finish spec 2		A2	00779	C-2170769	-				
CUSTOMER DRAWING						SCALE	3:1	SHEET	1 of 9	REV	A1



D

C

B

A