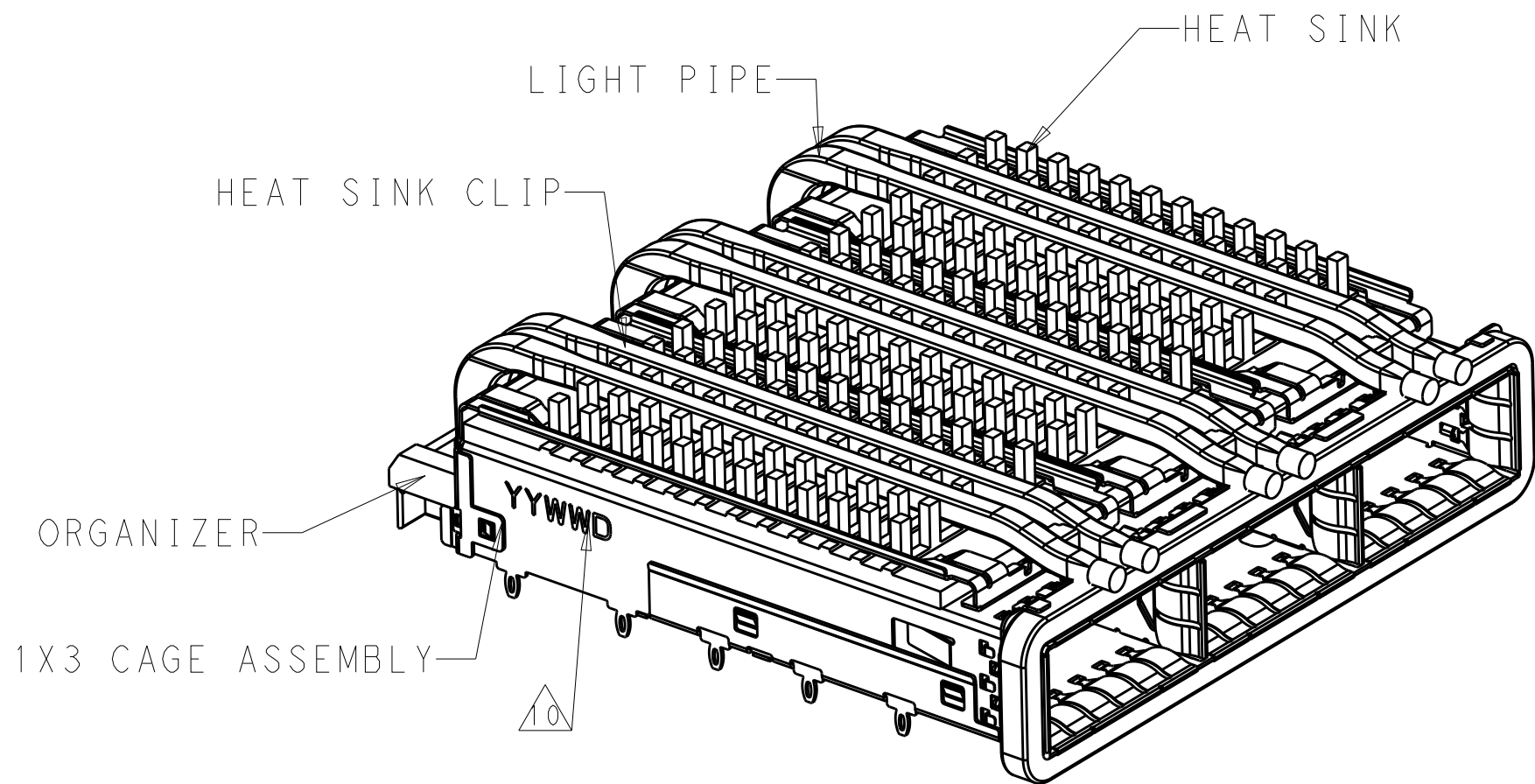
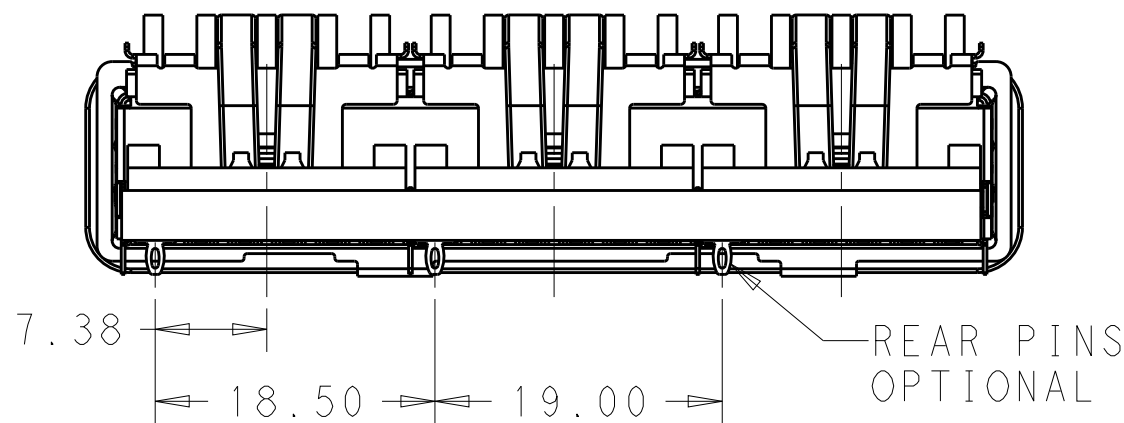
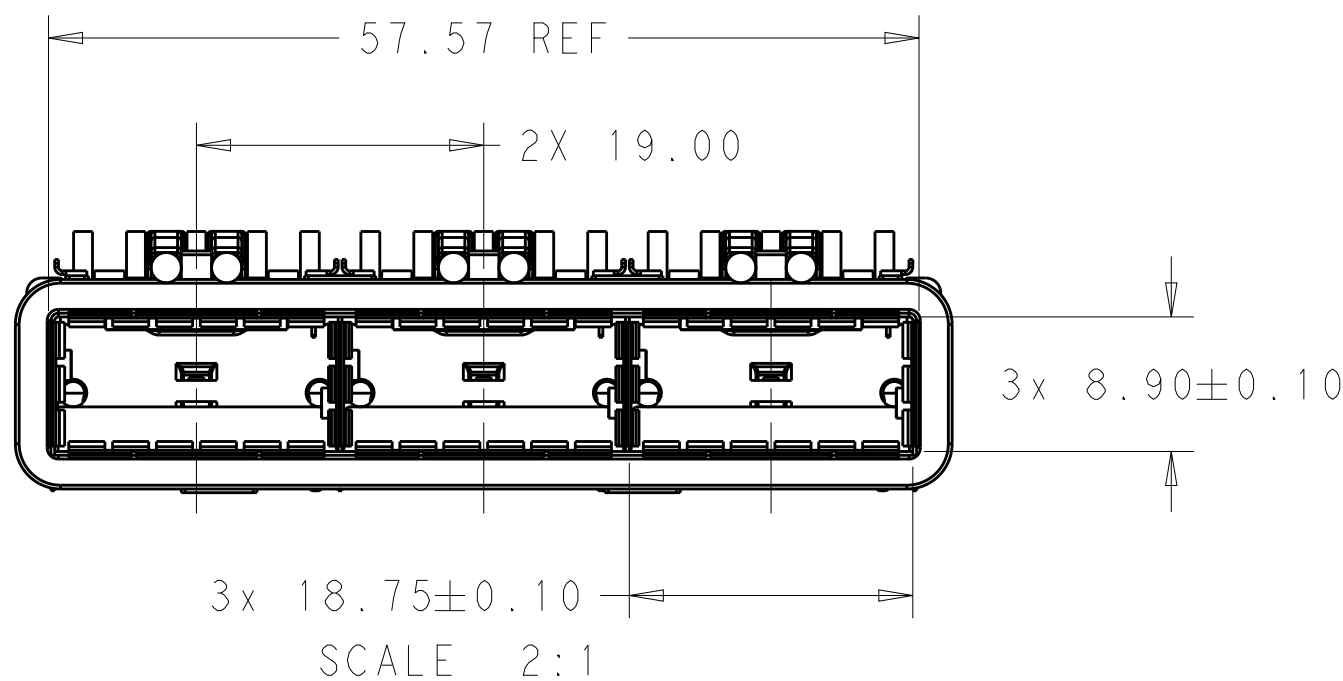


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		A	RELEASE	31DEC2015	JY	SH
			A1	REVISED PER ECO-19-016043	21OCT2019	SH	SH



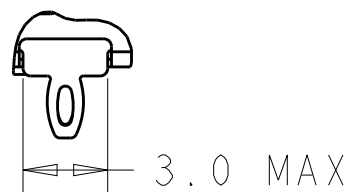
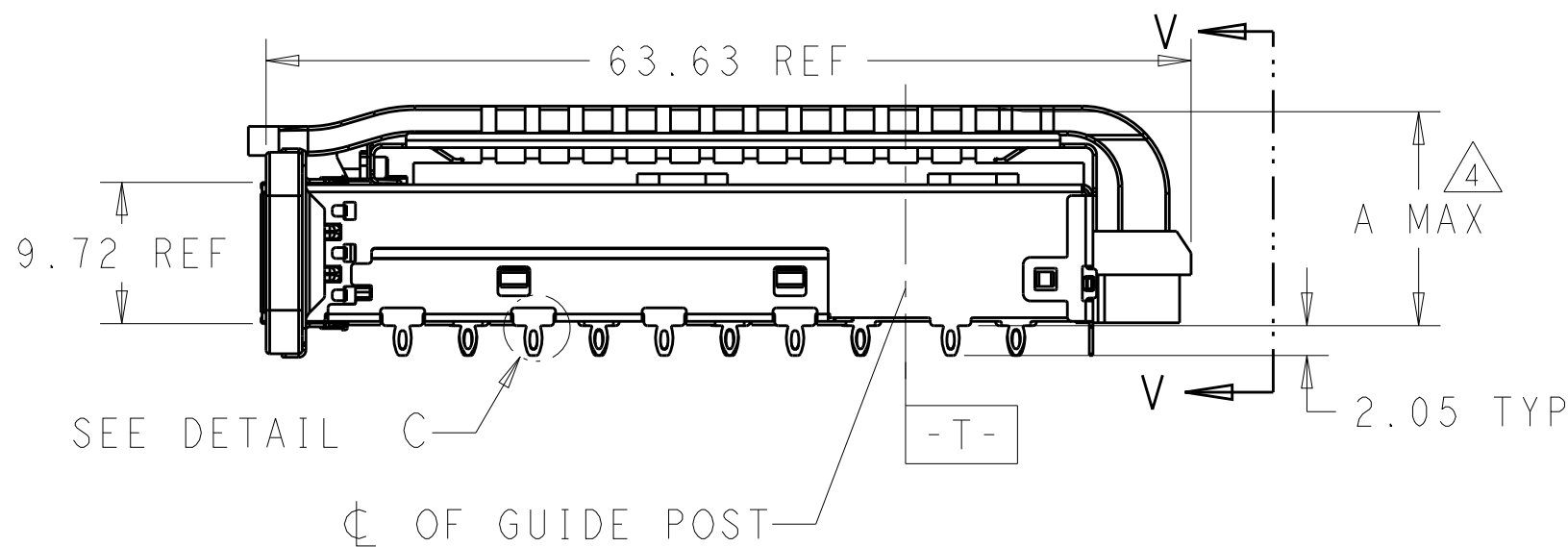
2-2170769-2 AS SHOWN
SCALE 2:1



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.

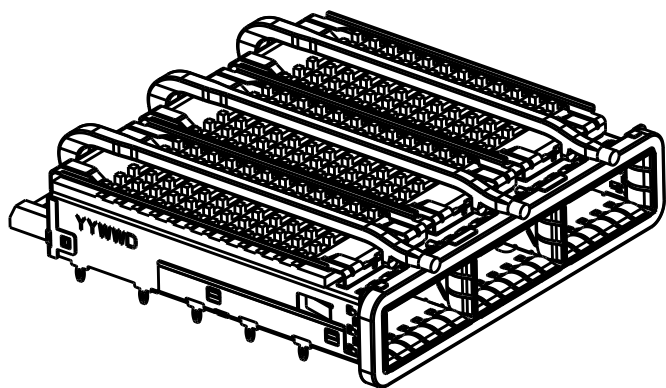


DETAIL C
SCALE 4:1

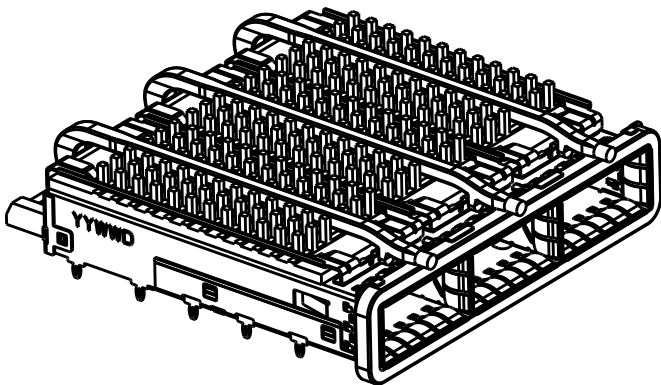
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	TE Connectivity			
		CHK JASON YANG 23APR2014				
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19428	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	SCALE 3:1	SHEET 1 OF 9
MATERIAL SEE NOTES		WEIGHT -	CUSTOMER DRAWING	REV A1		

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

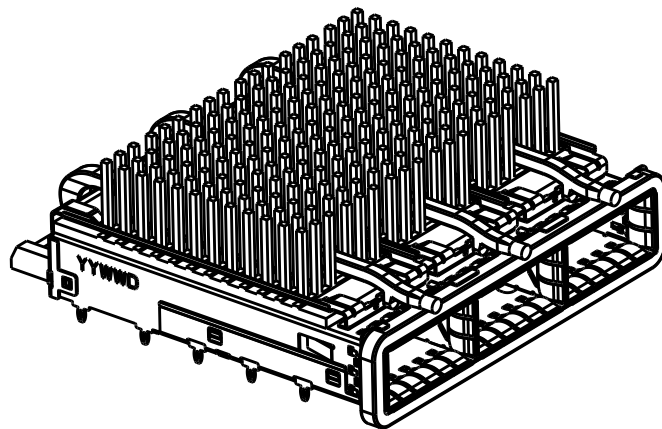
HEAT SINK OPTION



SCALE 1:1

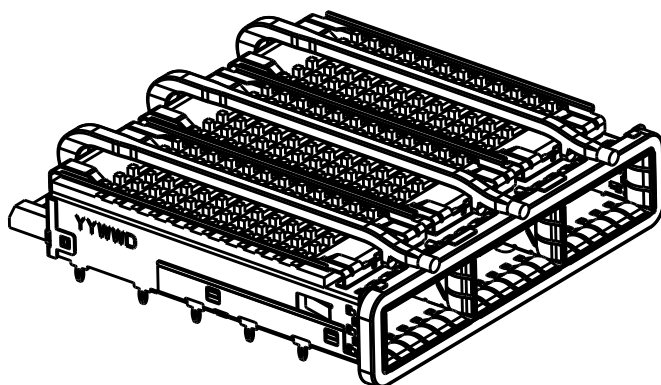


SCALE 1:1

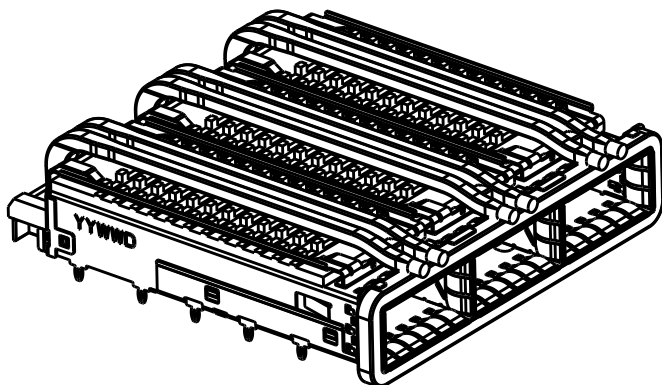


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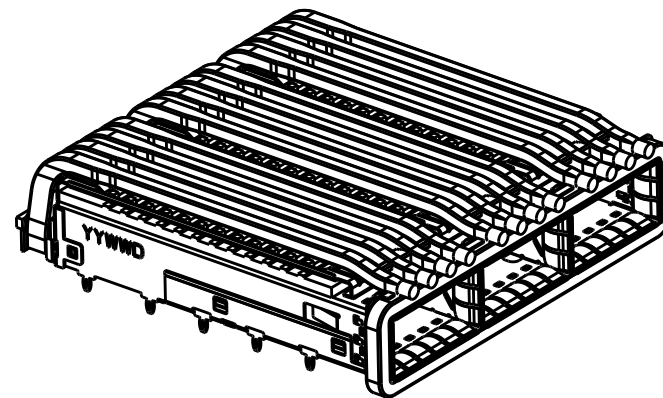
LIGHT PIPE OPTION



SCALE 1:1

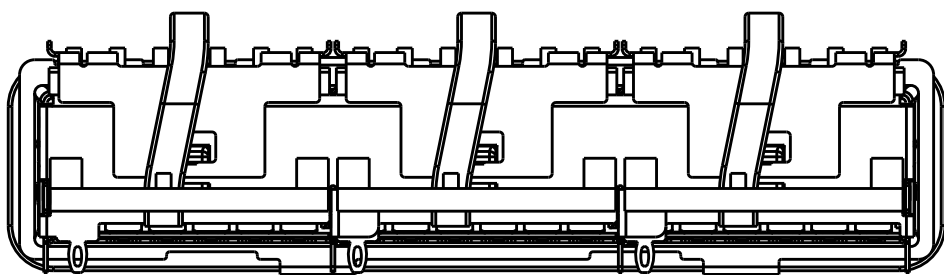


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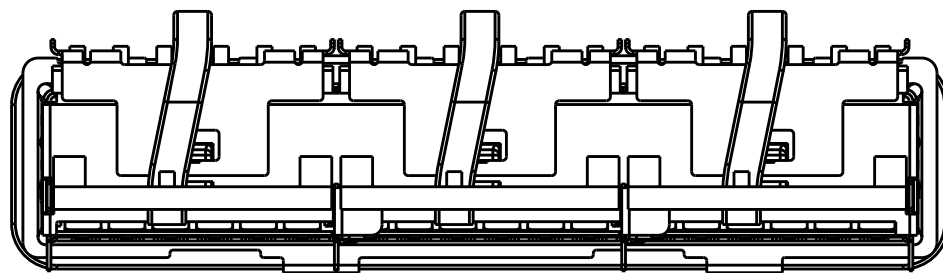


SCALE 1:1

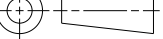
OF REAR PIN OPTION



1 REAR PIN
SCALE 2:1



0 REAR PIN
SCALE 2:1

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DIMENSIONS: mm		CHK JASON YANG 23APR2014									
		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28							
		APVD SEAN HAN 31DEC2015		PRODUCT SPEC 108-19428		SIZE A2					
		1 PLC ±.01 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±.01 4 PLC ±.01 ANGLES ±.01		APPLICATION SPEC 114-32023		CAGE CODE 00779					
		MATERIAL SEE NOTES material_2		FINISH SEE NOTES finish_spec_2		DRAWING NO C-2170769					
		WEIGHT -		RESTRICTED TO -							
		CUSTOMER DRAWING				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

DWN

BING LIU

23APR2014

CHK

JASON YANG

23APR2014

APVD

SEAN HAN

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

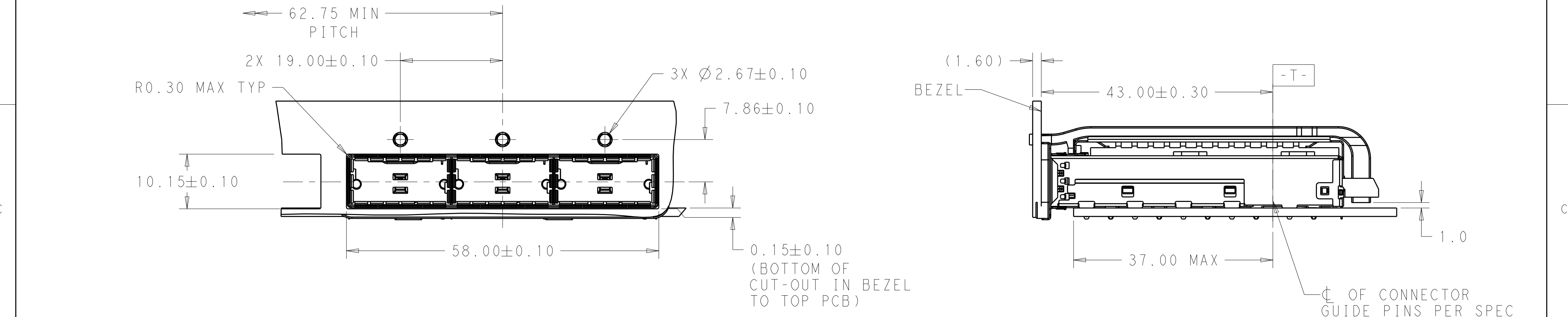
A1

1471-9 (3/11)

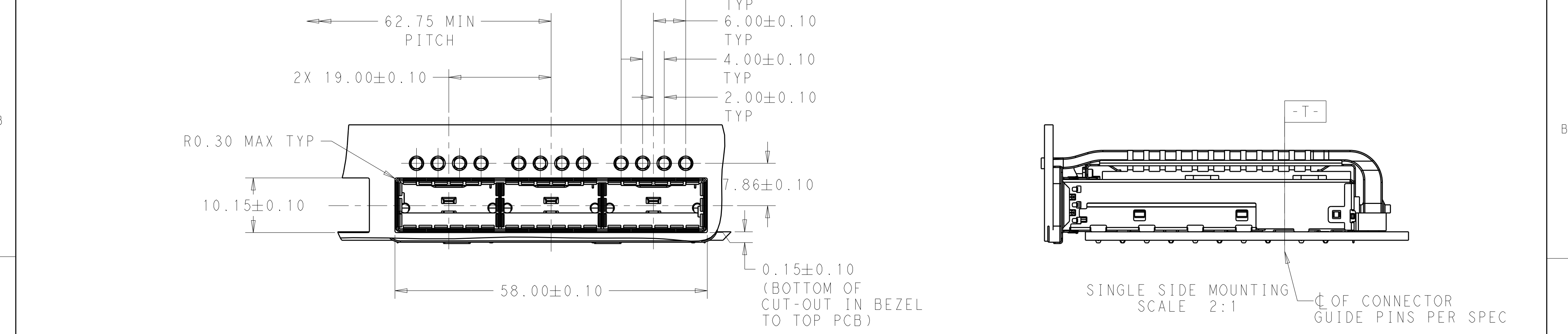
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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	

MATERIAL
SEE NOTES
material_2

SEE NOTES
finish_spec_2

DWN
BING LIU
23APR2014

CHK
JASON YANG
23APR2014

APVD
SEAN HAN
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
A2

CAGE CODE
00779

DRAWING NO
C-2170769

RESTRICTED TO
-

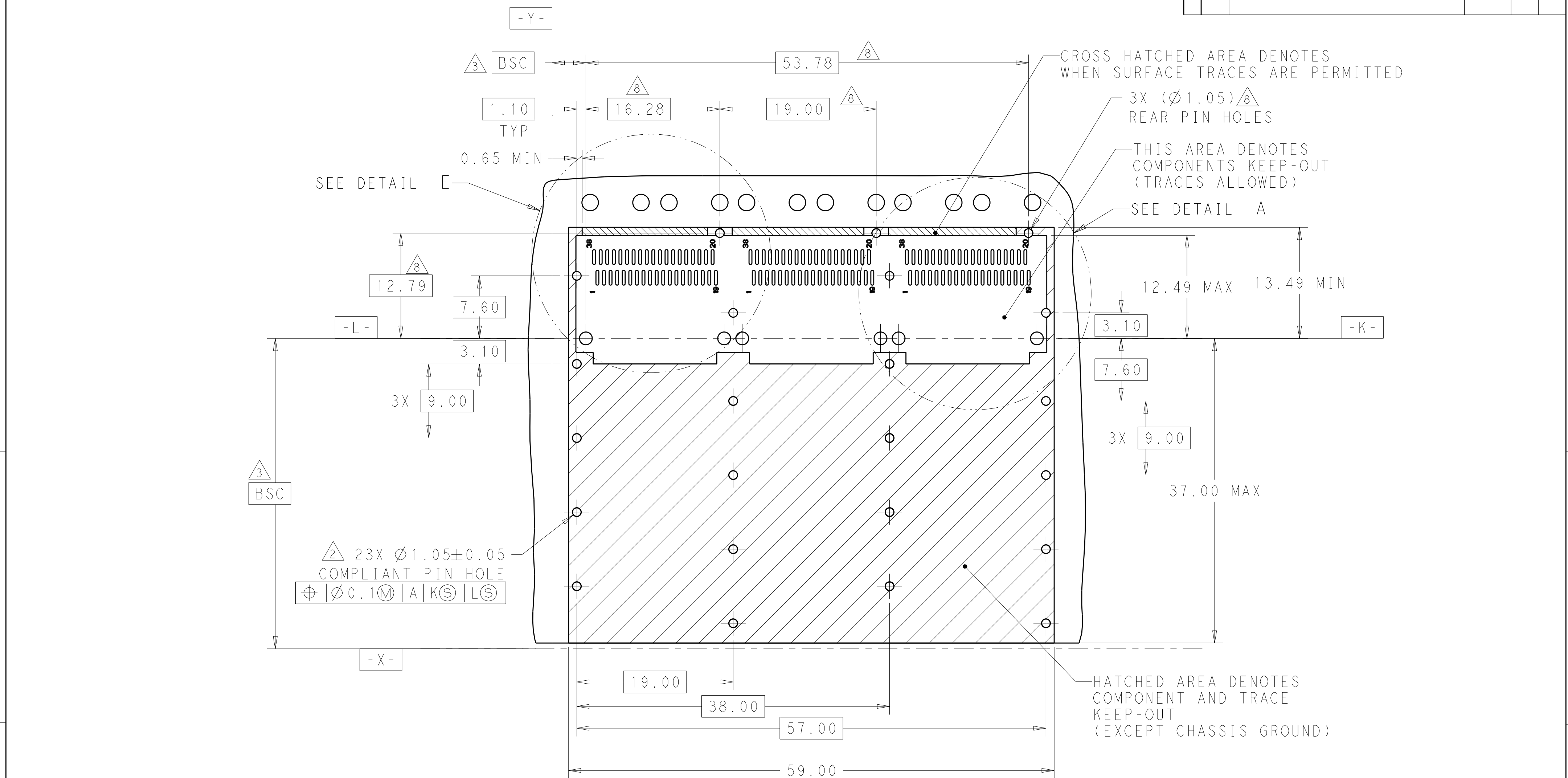
SCALE
3:1

SHEET
1

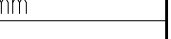
OF
9

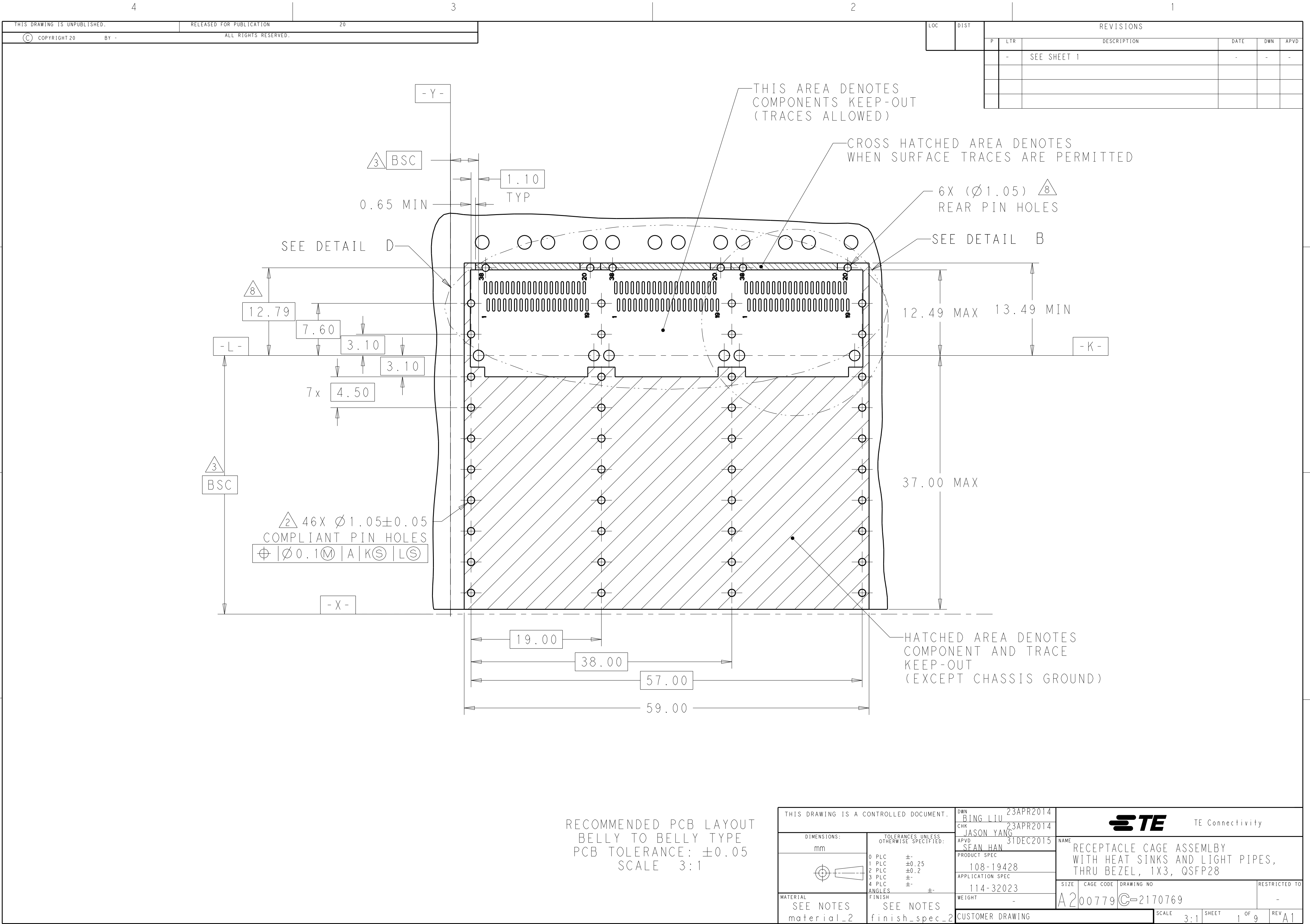
REV
A1

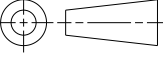
1471-9 (3/11)

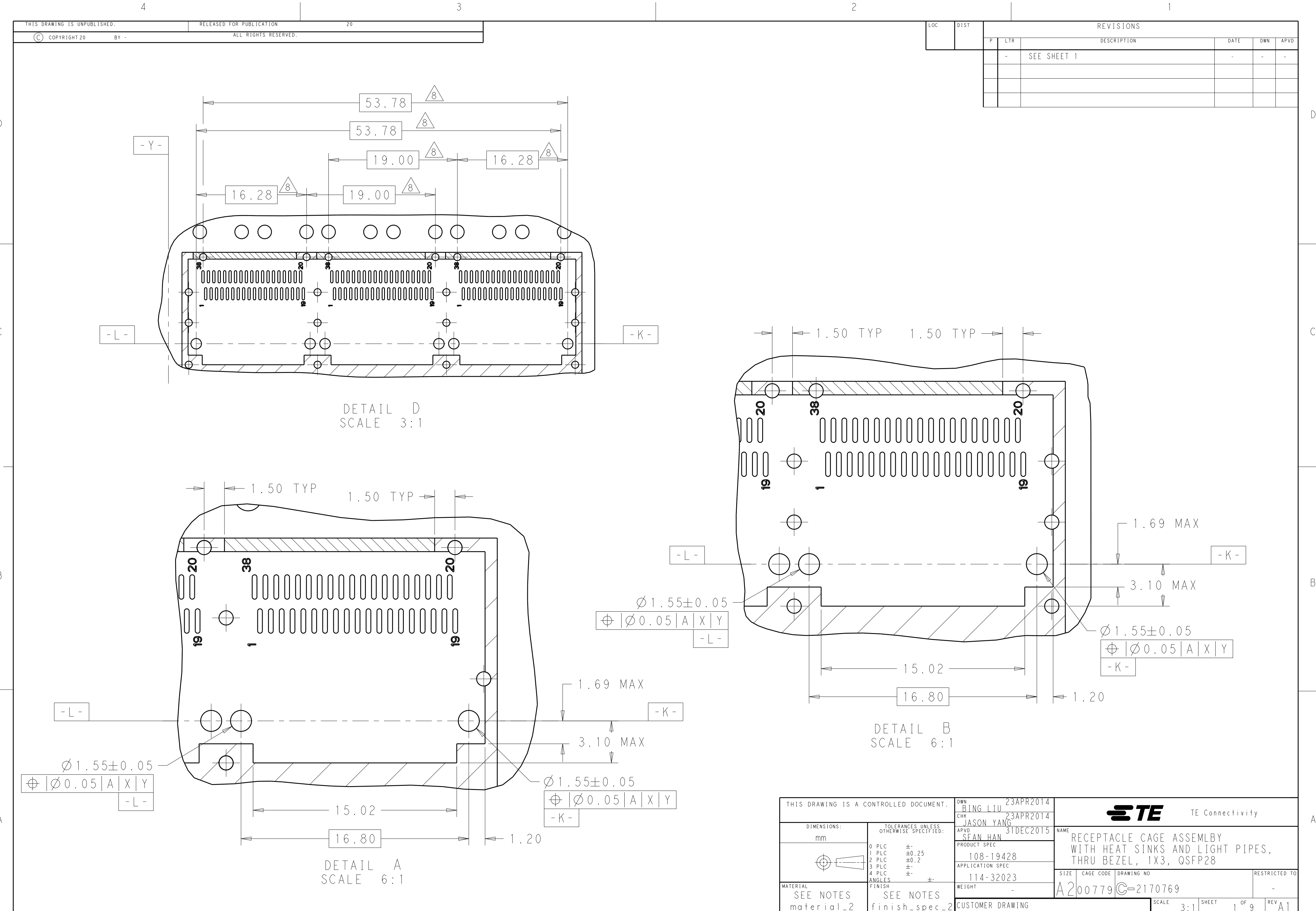


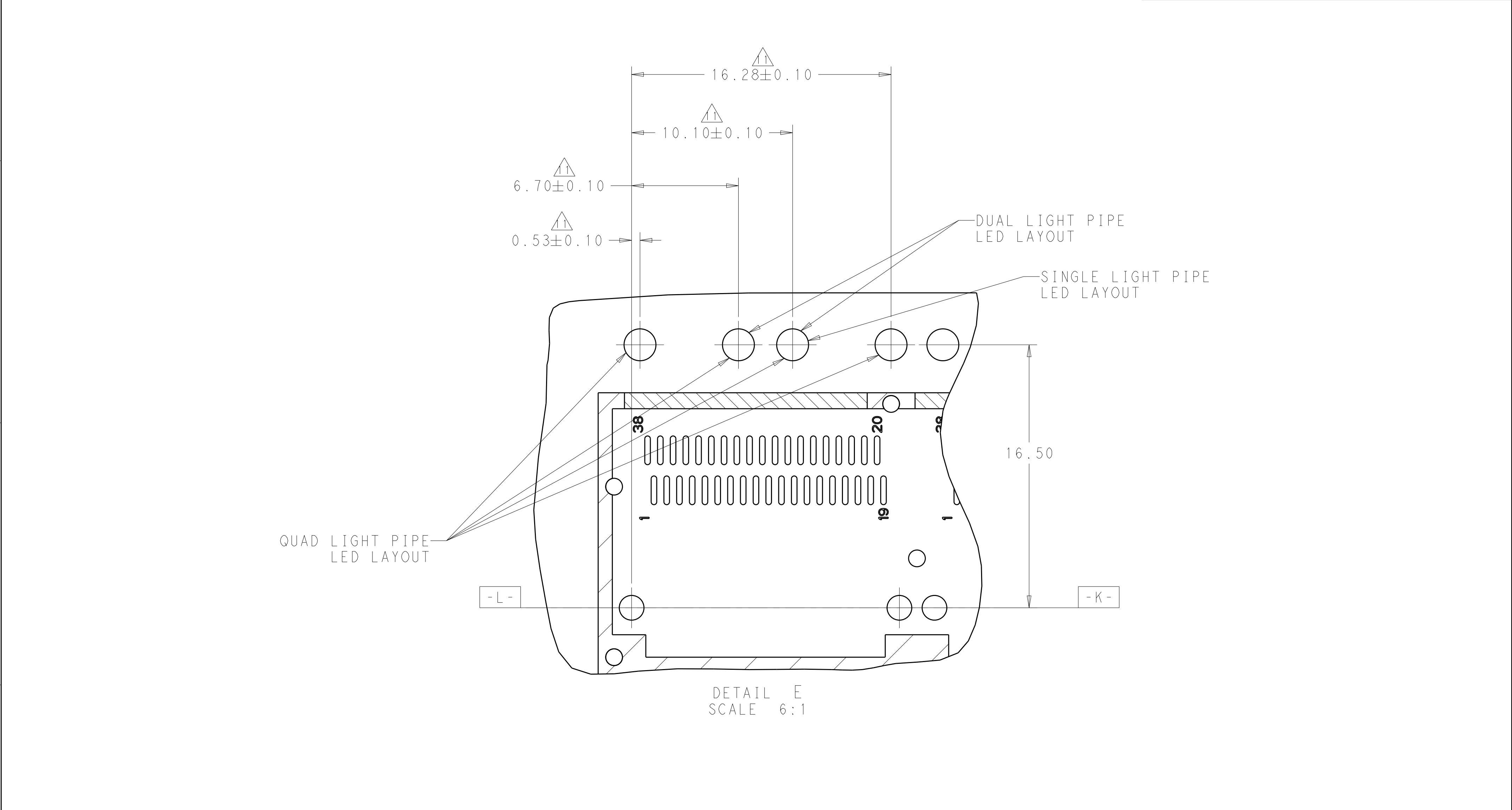
RECOMMENDED PCB LAYOUT
SINGLE TYPE
PCB TOLERANCE: ± 0.05
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 23APR2014 BING LIU CHK 23APR2014 JASON YANG APVD 31DEC2015 SEAN HAN		 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, 1X3, QSFP28	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -		SIZE A2	
MATERIAL SEE NOTES material_2		SEE NOTES finish_spec_2		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=2170769	
				RESTRICTED TO -	
				SCALE 3:1 SHEET 1 of 9 REV A1	



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 23APR2014	 TE Connectivity		
DIMENSIONS: mm		CHK JASON YANG 23APR2014			
		APVD SEAN HAN 31DEC2015	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X3, QSFP28		
		PRODUCT SPEC 108-19428	SIZE A200779		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC 114-32023	CAGE CODE C-2170769		
MATERIAL SEE NOTES material_2		FINISH SEE NOTES finish_spec_2	DRAWING NO -		
		CUSTOMER DRAWING	RESTRICTED TO -		
		SCALE 3:1	SHEET 1 OF 9		
			REV A1		





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