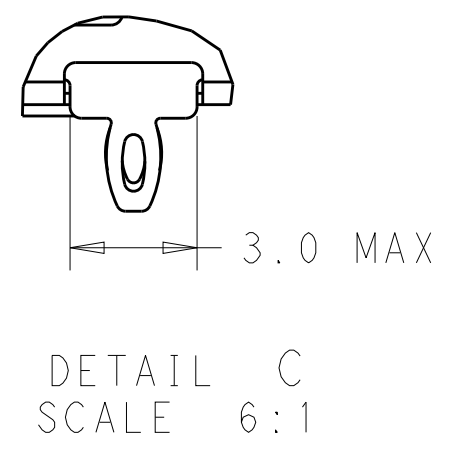
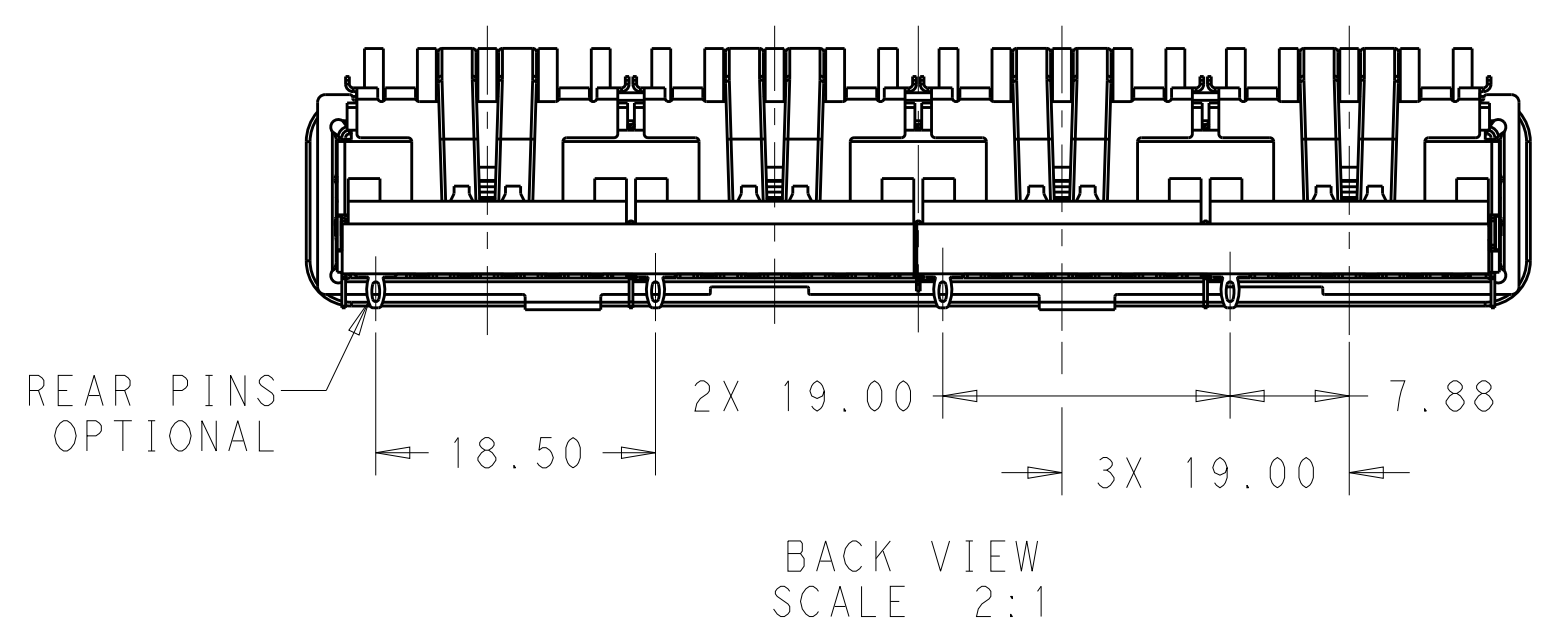
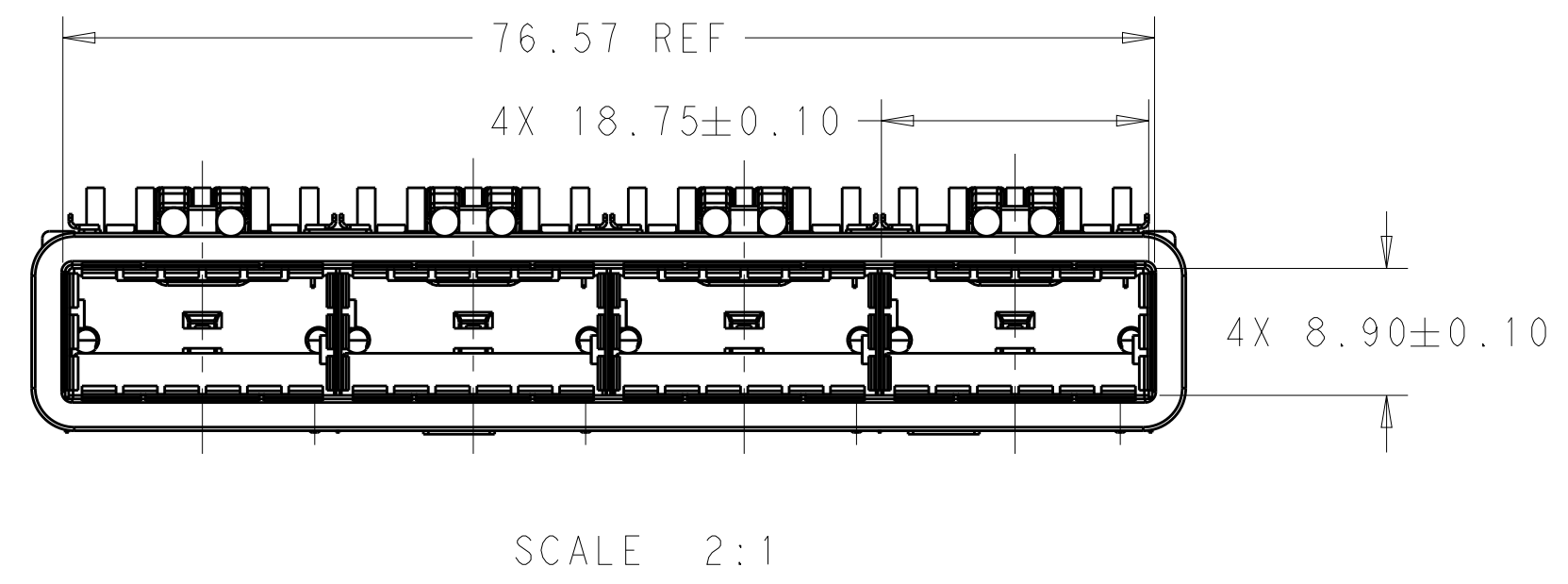
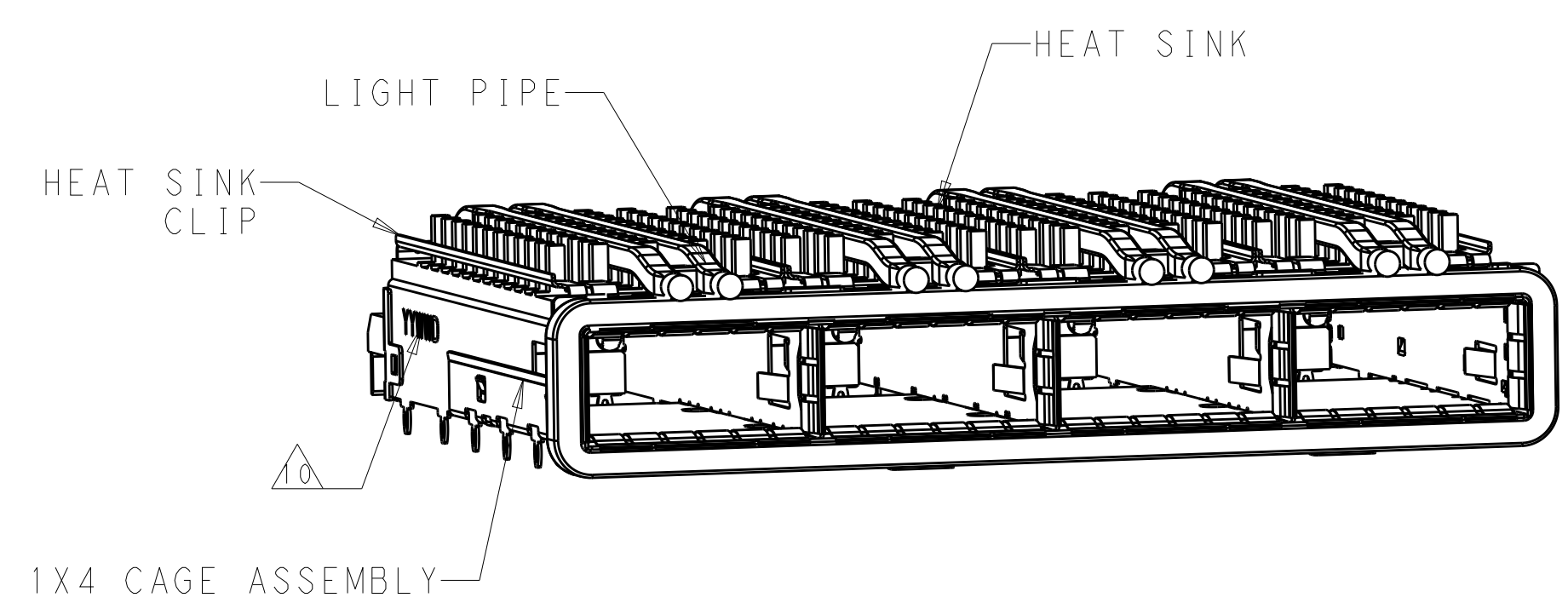


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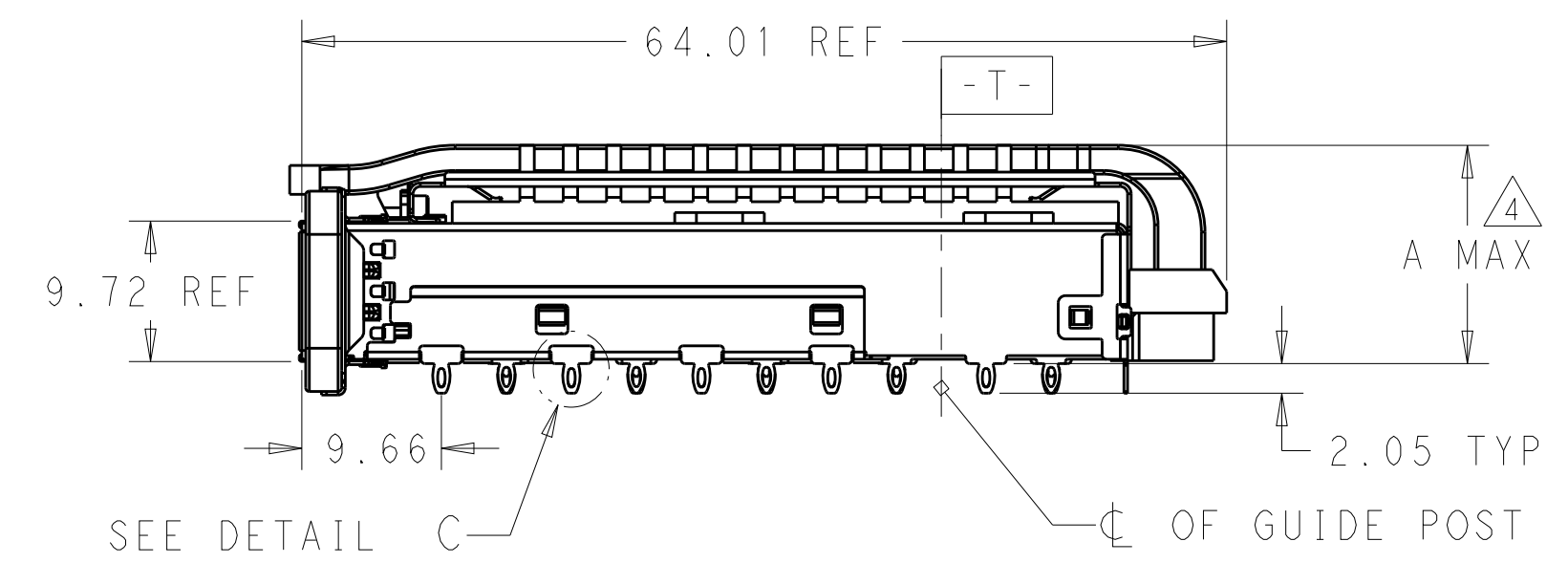
C

B

A



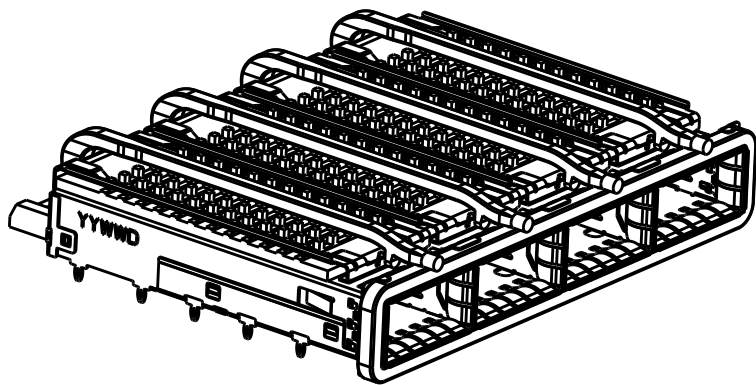
1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
EMI GASKET: PLATED FILLED SILICONE
LIGHT PIPE: CLEAR POLYCARBONATE WITH 94 V-0
ORGANIZER: POLYESTER WITH UL 94 V-0
2. REFERENCE APPLICATION SPECIFICATION 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: 3.00 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.



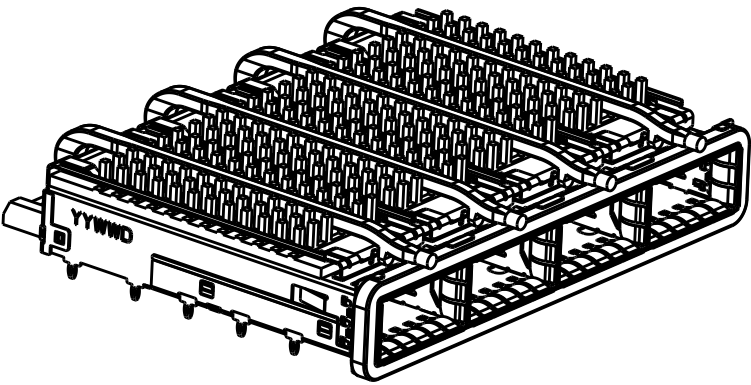
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG CHK SEAN HAN APVD -	20JUN2014 01NOV2016 -	TE TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19428	APPLICATION SPEC 114-32023	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET	
MATERIAL SEE NOTES	FINISH SEE NOTES	WEIGHT -	CUSTOMER DRAWING	SIZE A200779	CAGE CODE C-2170785
		SCALE 3:1		SHEET 1 OF 9	REV A

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

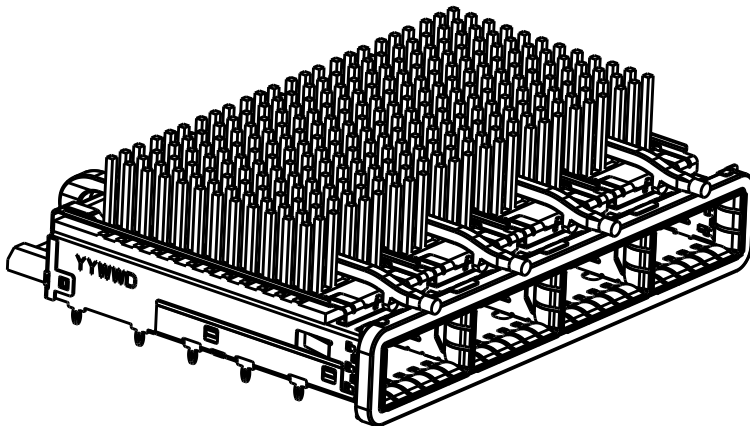
HEAT SINK OPTION



PCI HEAT SINK
SCALE 1:1

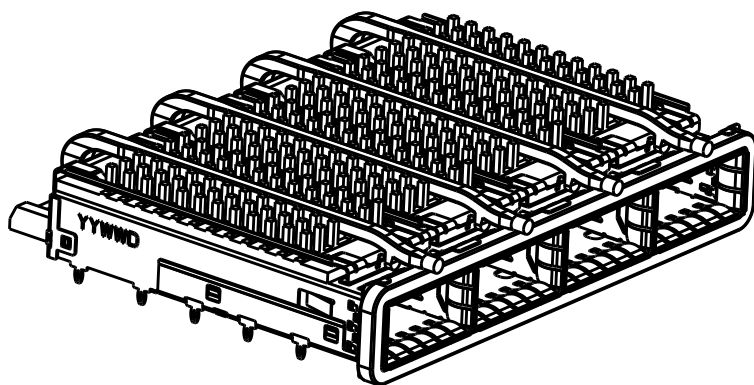


SAN HEAT SINK
SCALE 1:1

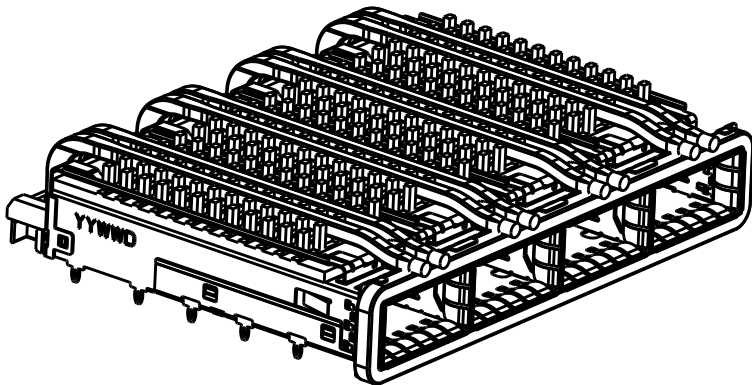


HETWORKING HEAT SINK
SCALE 1:1

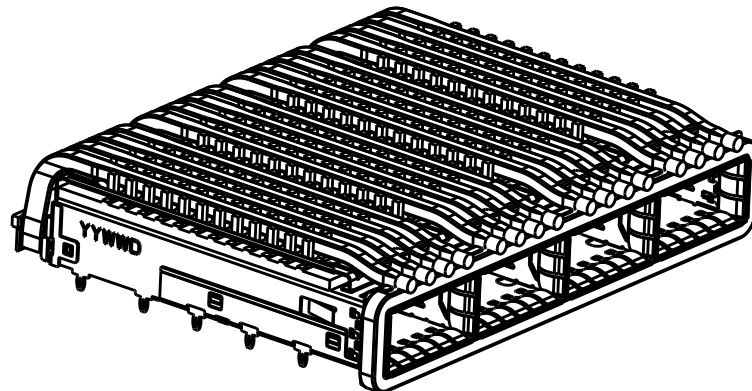
LIGHT PIPE OPTION



SINGLE LOGHT PIPE
SCALE 1:1

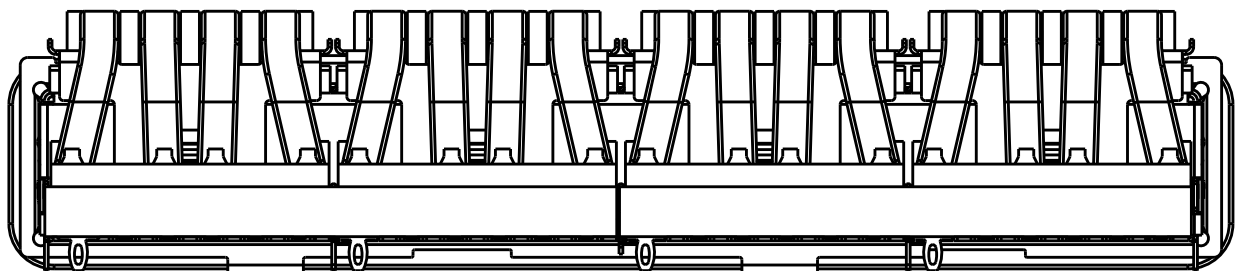


DUAL LIGHT PIPE
SCALE 1:1

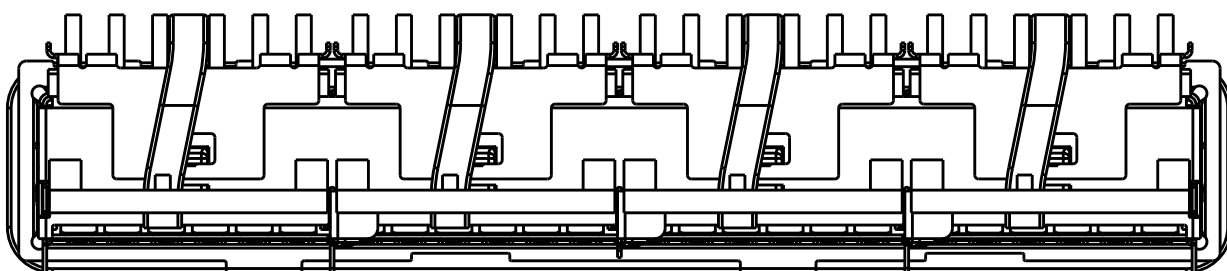


QUAD LIGHT PIPE
SCALE 1:1

OF REAR PIN OPTION



1 REAR PIN
SCALE 2:1



0 REAR PIN
SCALE 2:1

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		CHK 01NOV2016 SEAN HAN			
DIMENSIONS: mm		APVD -	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET		
		PRODUCT SPEC 108-19428	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
		APPLICATION SPEC 114-32023	A200779C-2170785		
MATERIAL SEE NOTES		WEIGHT -	SCALE 3:1 SHEET 2 OF 9 REV A		
		CUSTOMER DRAWING			

4

3

2

1

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REVISIONS

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

0	23.0	NETWORKING	QUAD	4-2170785-6
0	16.0	SAN	QUAD	4-2170785-5
0	13.7	PCI	QUAD	4-2170785-4
1	23.0	NETWORKING	QUAD	4-2170785-3
1	16.0	SAN	QUAD	4-2170785-2
1	13.7	PCI	QUAD	4-2170785-1
0	23.0	NETWORKING	DUAL	2-2170785-6
0	16.0	SAN	DUAL	2-2170785-5
0	13.7	PCI	DUAL	2-2170785-4
1	23.0	NETWORKING	DUAL	2-2170785-3
1	16.0	SAN	DUAL	2-2170785-2
1	13.7	PCI	DUAL	2-2170785-1
0	23.0	NETWORKING	SINGLE	2170785-6
0	16.0	SAN	SINGLE	2170785-5
0	13.7	PCI	SINGLE	2170785-4
1	23.0	NETWORKING	SINGLE	2170785-3
1	16.0	SAN	SINGLE	2170785-2
1	13.7	PCI	SINGLE	2170785-1
# OF REAR PIN	DIM A	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

-

DWN 20JUN2014
JASON YANG

CHK 01NOV2016
SEAN HAN

APVD -

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, 1X4, QSFP28, GASKET

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170785

RESTRICTED TO
-

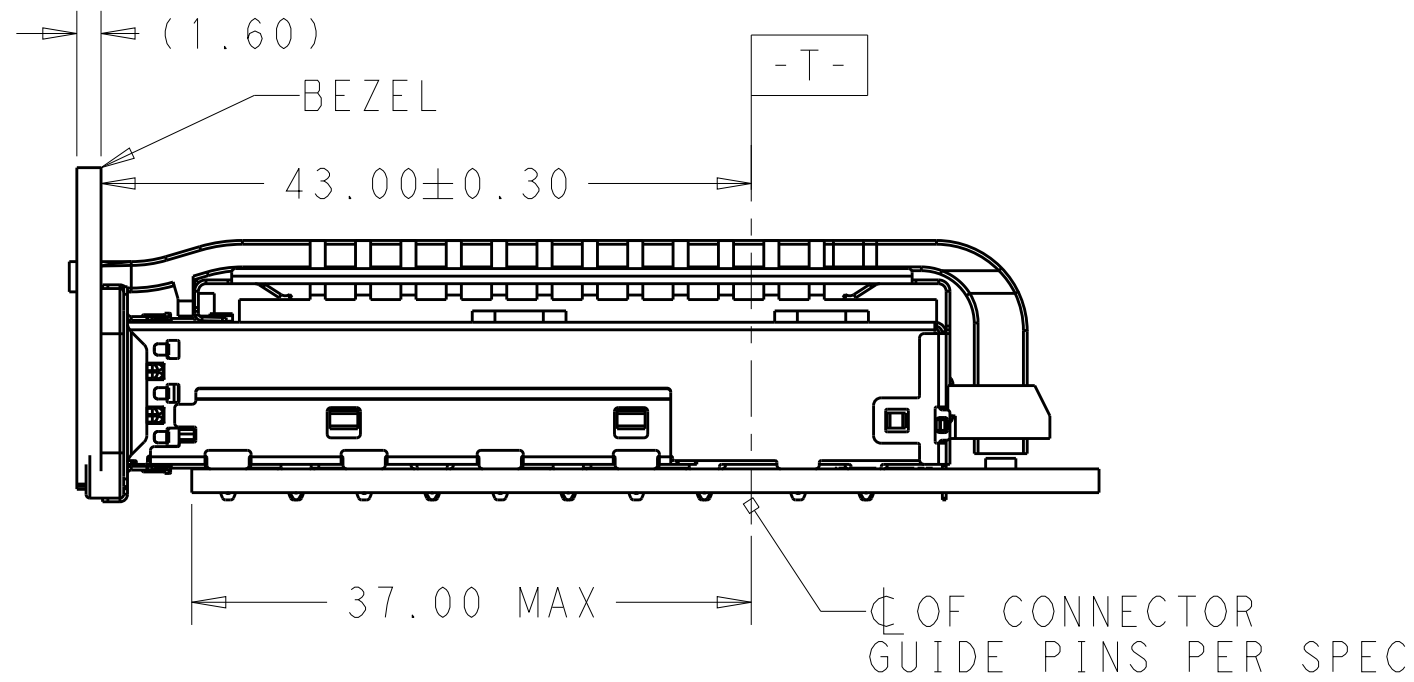
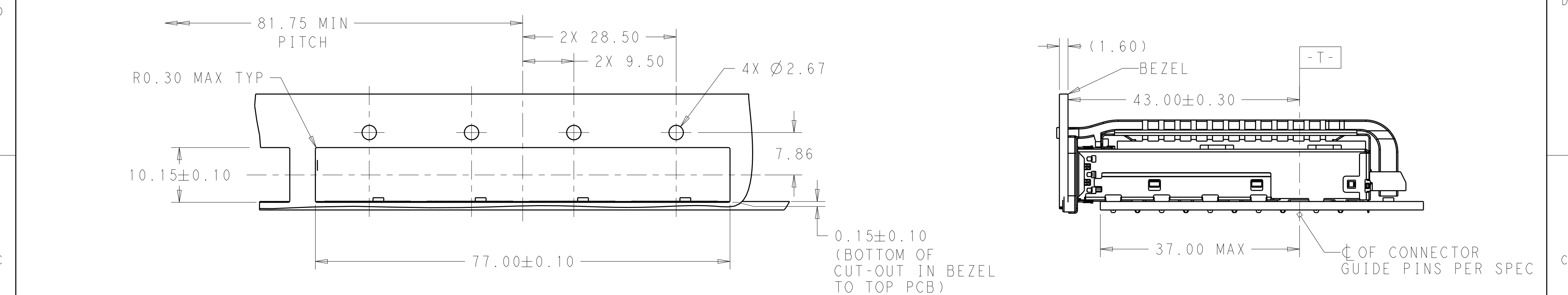
SCALE 3:1

SHEET 3 OF 9

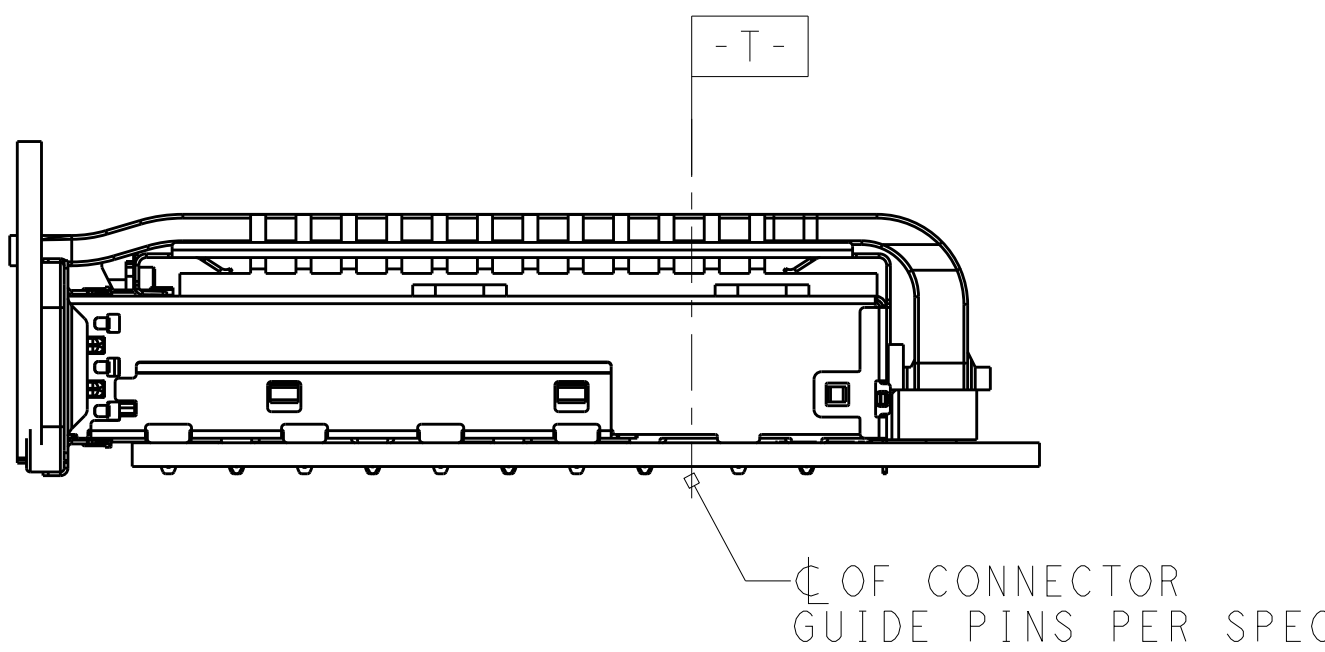
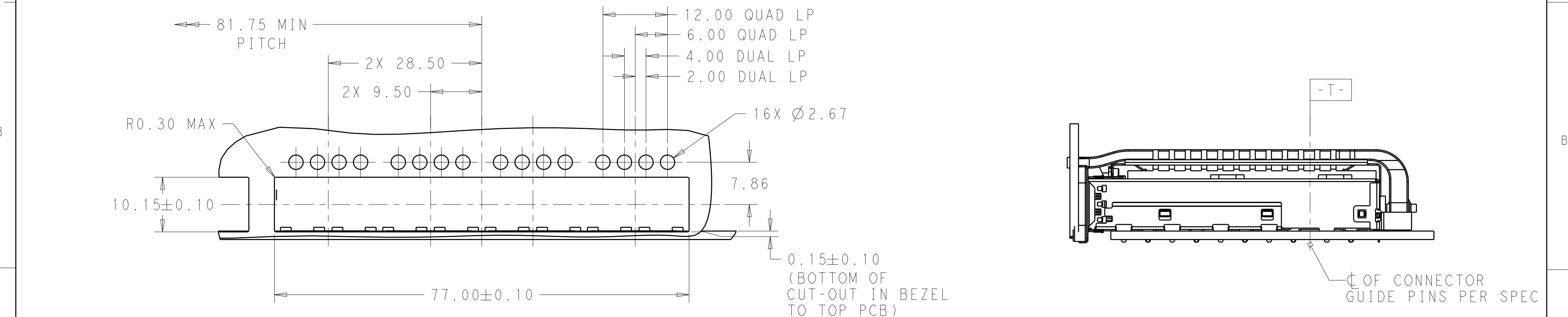
REV A

1471-9 (3/13)

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
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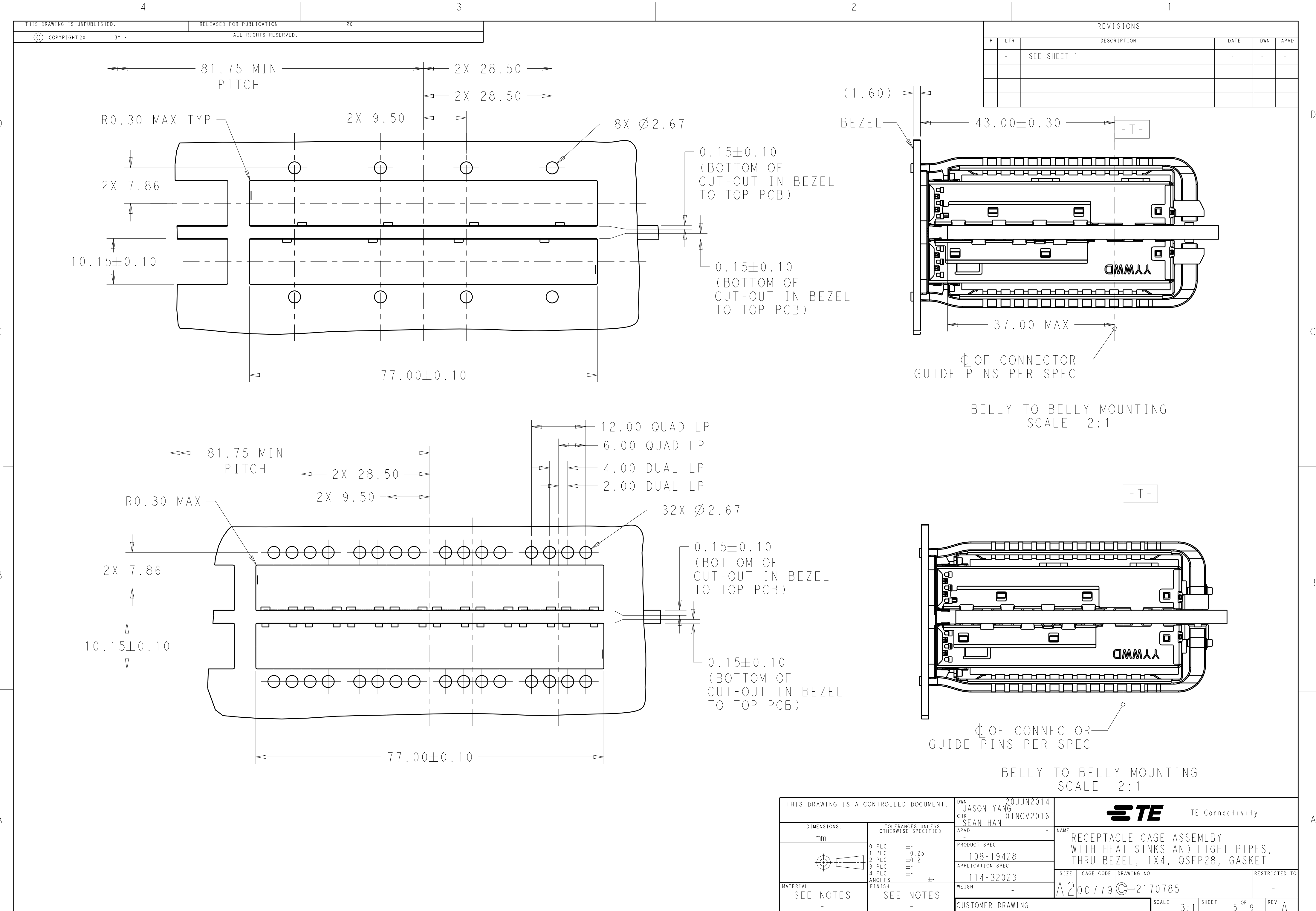


SINGLE SIDE MOUNTING
SCALE 2:1



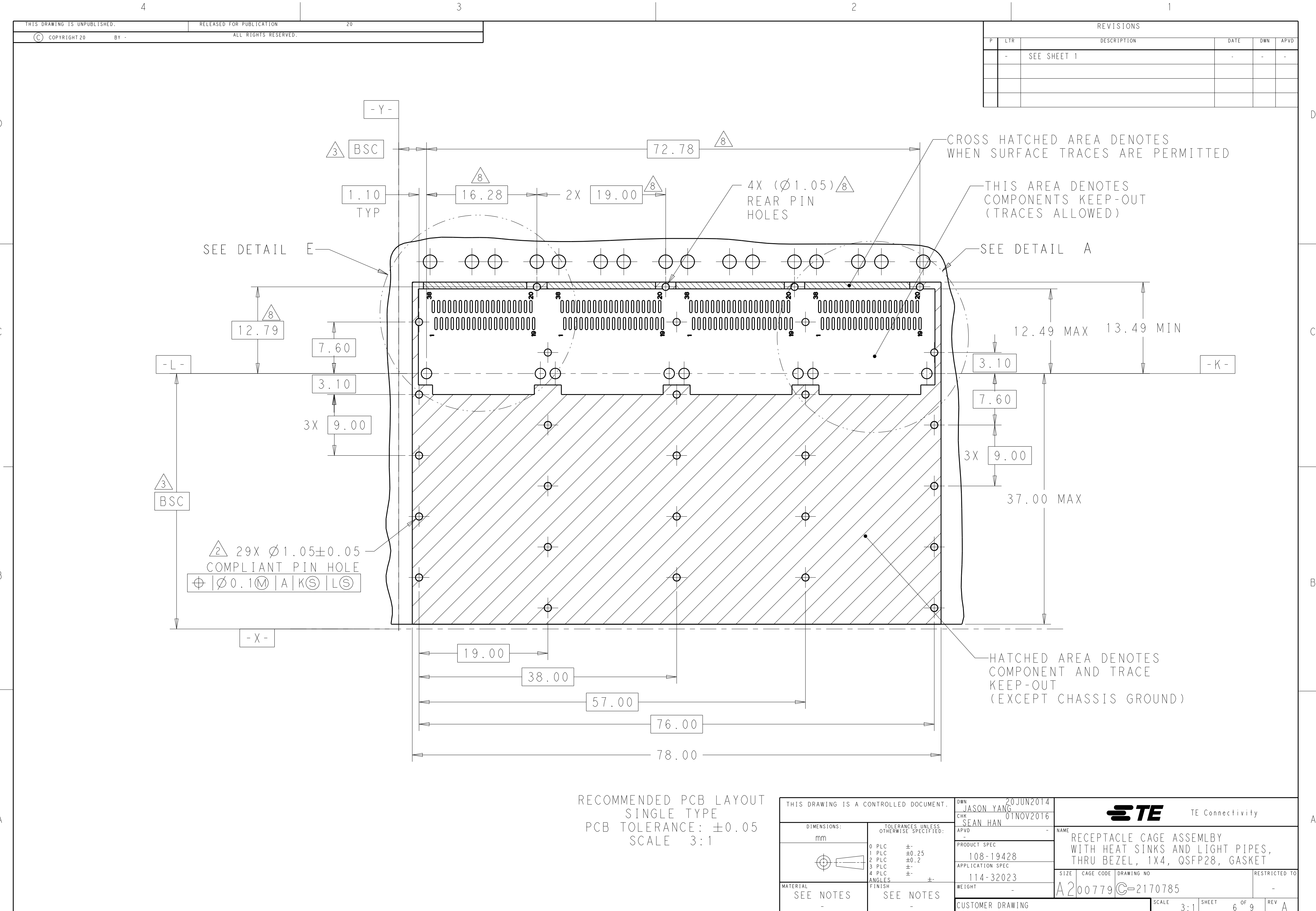
SINGLE SIDE MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 20JUN2014 JASON YANG		 TE Connectivity							
		CHK 01NOV2016 SEAN HAN									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET					
mm		APVD -									
		0 PLC ±-		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO					
		1 PLC ±0.25		108-19428							
		2 PLC ±0.2		APPLICATION SPEC							
		3 PLC ±-		114-32023							
4 PLC ±-		ANGLES ±-		WEIGHT		A200779C=2170785					
FINISH		-		-							
MATERIAL		SEE NOTES		CUSTOMER DRAWING		SCALE		SHEET		REV	
-		-				3:1		4 of 9		A	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JASON YANG 20 JUN 2014	TE Connectivity		
		CHK SEAN HAN 01 NOV 2016			
DIMENSIONS:		APVD -	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET		
mm		PRODUCT SPEC 108-19428	SIZE A200779		
		APPLICATION SPEC 114-32023	CAGE CODE C-2170785		
MATERIAL SEE NOTES		WEIGHT -	RESTRICTED TO -		
		CUSTOMER DRAWING	SCALE 3:1 SHEET 5 OF 9 REV A		

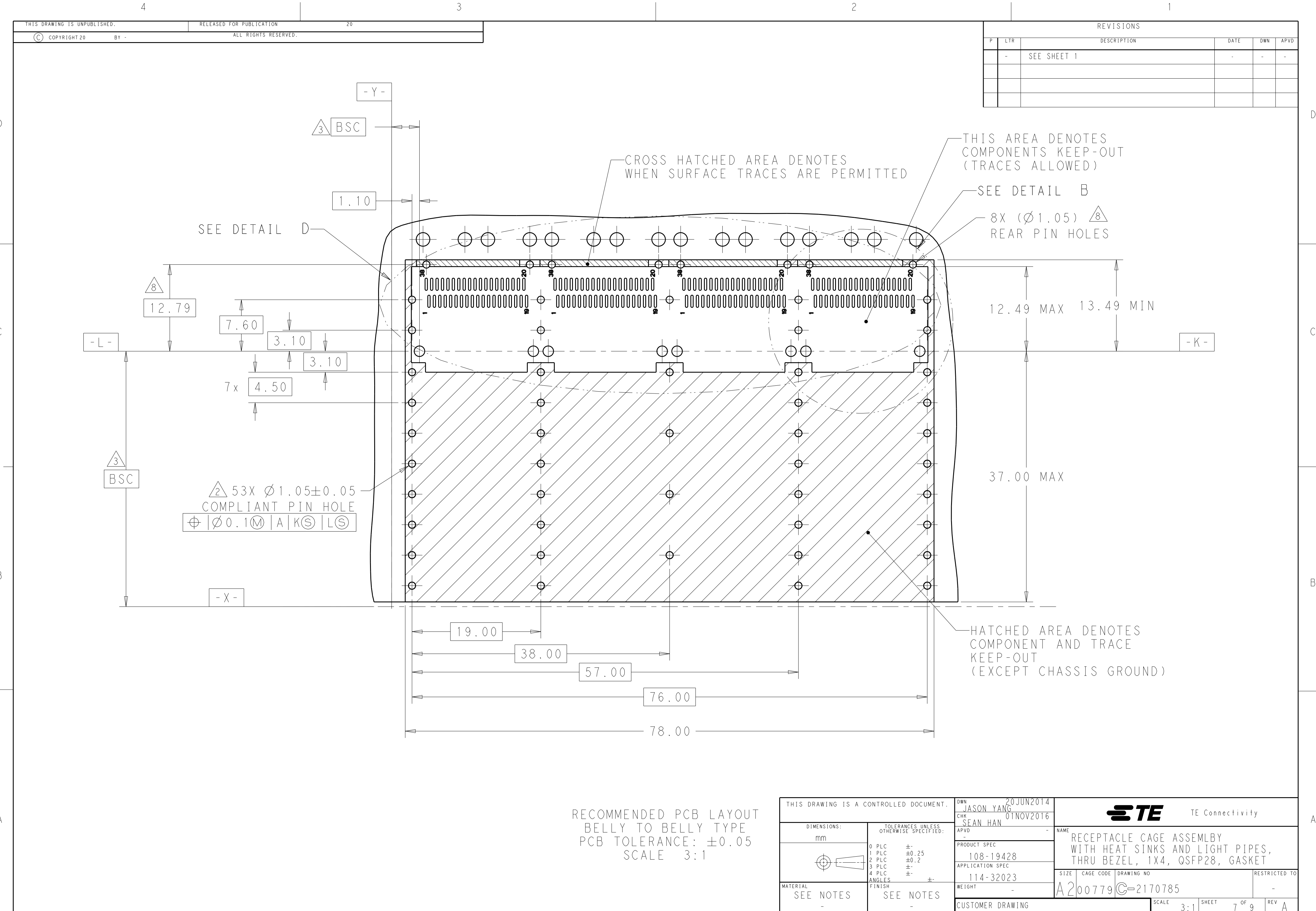


REVISIONS					
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-	-	SEE SHEET 1	-	-	-

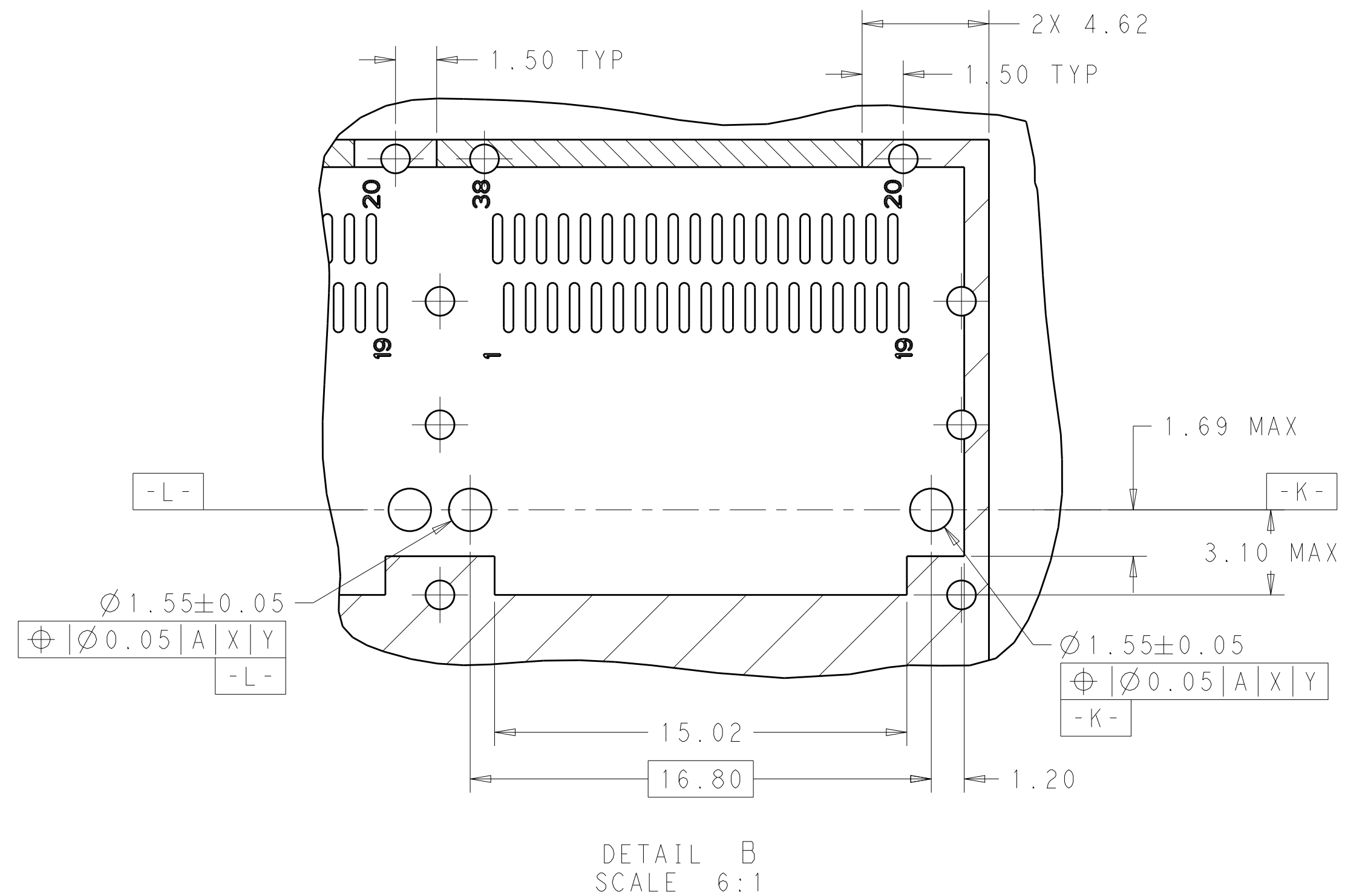
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RECOMMENDED PCB LAYOUT
SINGLE TYPE
PCB TOLERANCE: ±0.05
SCALE 3:1

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		CHK 01 NOV 2016 SEAN HAN			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH	PRODUCT SPEC	NAME	
			108-19428	RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET	
MATERIAL SEE NOTES		SEE NOTES	APPLICATION SPEC	SIZE	
			114-32023	CAGE CODE	
			DRAWING NO		
			A200779C-2170785		
			RESTRICTED TO		
			-		
			SCALE 3:1	SHEET 6 OF 9	REV A

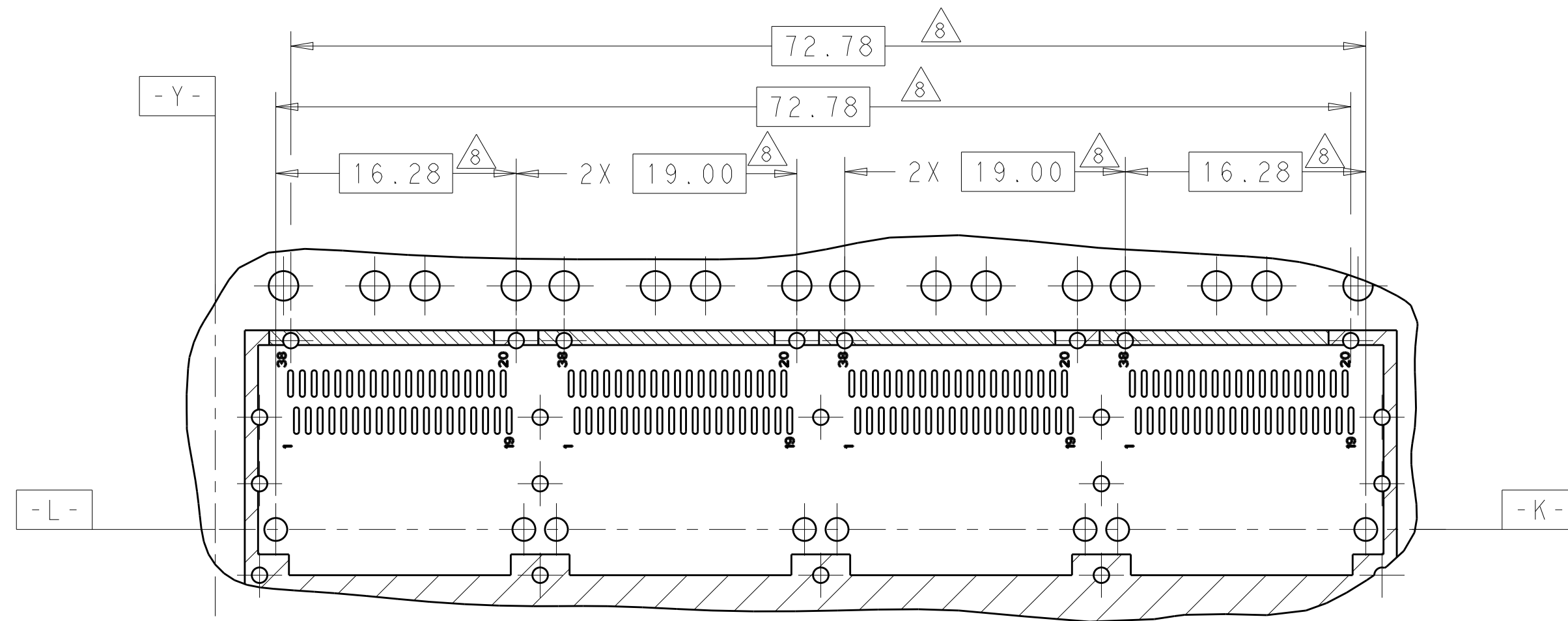


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

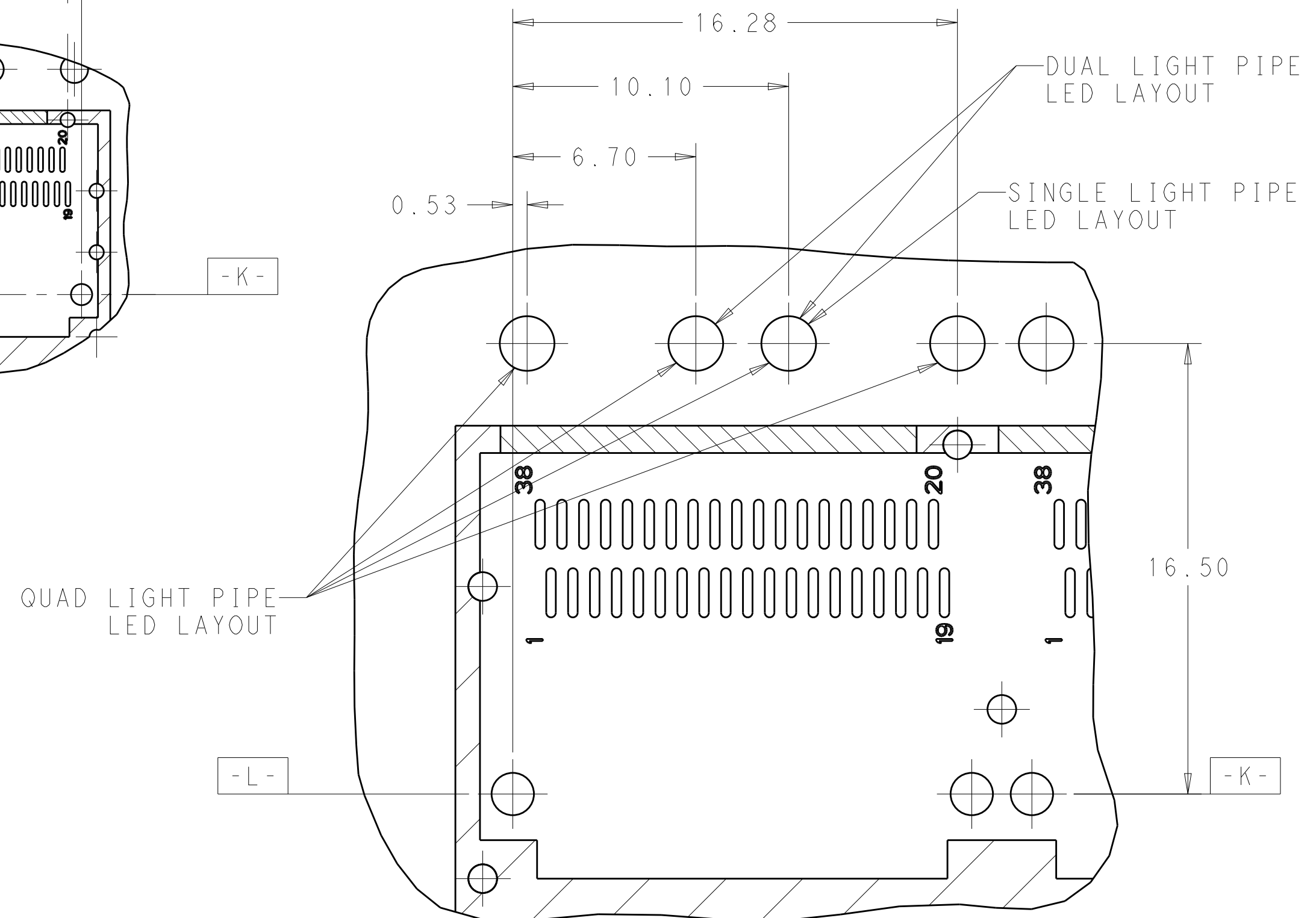


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 20JUN2014 JASON YANG CHK 01NOV2016 SEAN HAN		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±. 4 PLC ±. ANGLES ±.		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023		SIZE CAGE CODE DRAWING NO A200779 C-2170785	
MATERIAL SEE NOTES		FINISH SEE NOTES		RESTRICTED TO -	
WEIGHT -		CUSTOMER DRAWING		SCALE 3:1 SHEET 8 OF 9 REV A	

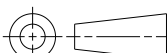
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



DETAIL D
SCALE 3:1



DETAIL E
SCALE 6:1

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		CHR 01 NOV 2016 SEAN HAN			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET	
		APVD -			
0 PLC ±. 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±. 4 PLC ±. ANGLES ±.		PRODUCT SPEC 108-19428			
		APPLICATION SPEC 114-32023			
MATERIAL SEE NOTES		WEIGHT -		SIZE A2	CAGE CODE 00779
FINISH SEE NOTES		CUSTOMER DRAWING		DRAWING NO C-2170785	RESTRICTED TO -
				SCALE 3:1	SHEET 9 of 9
				REV A	