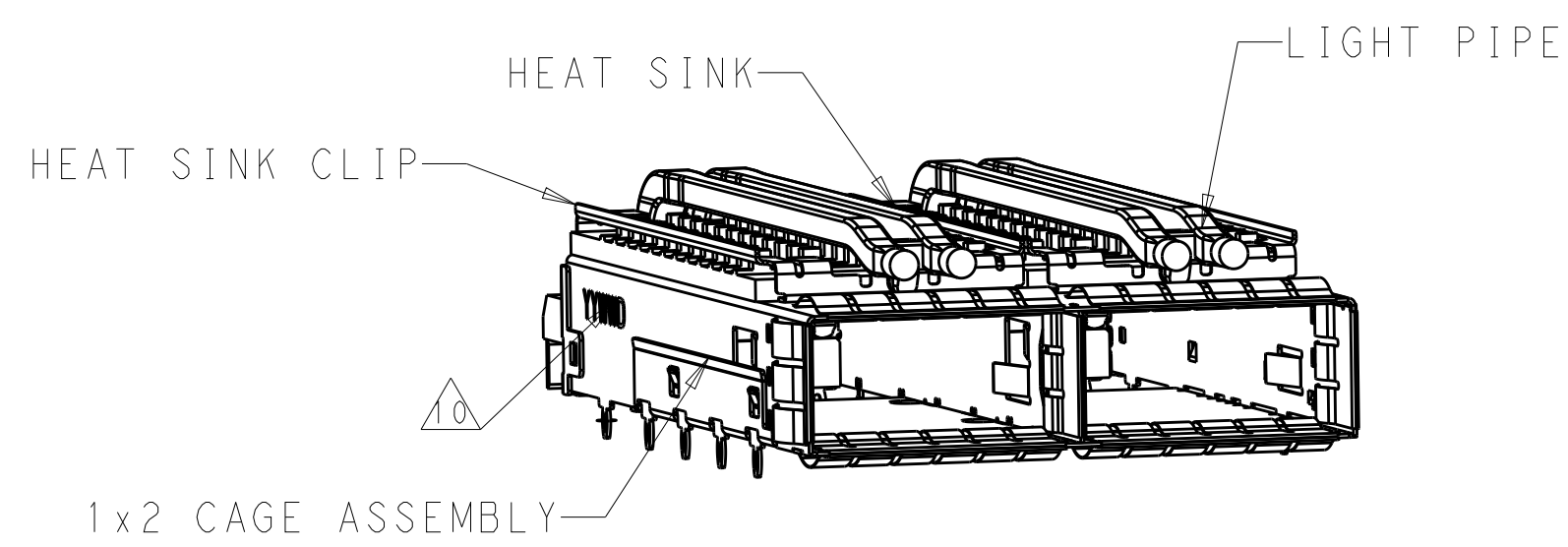
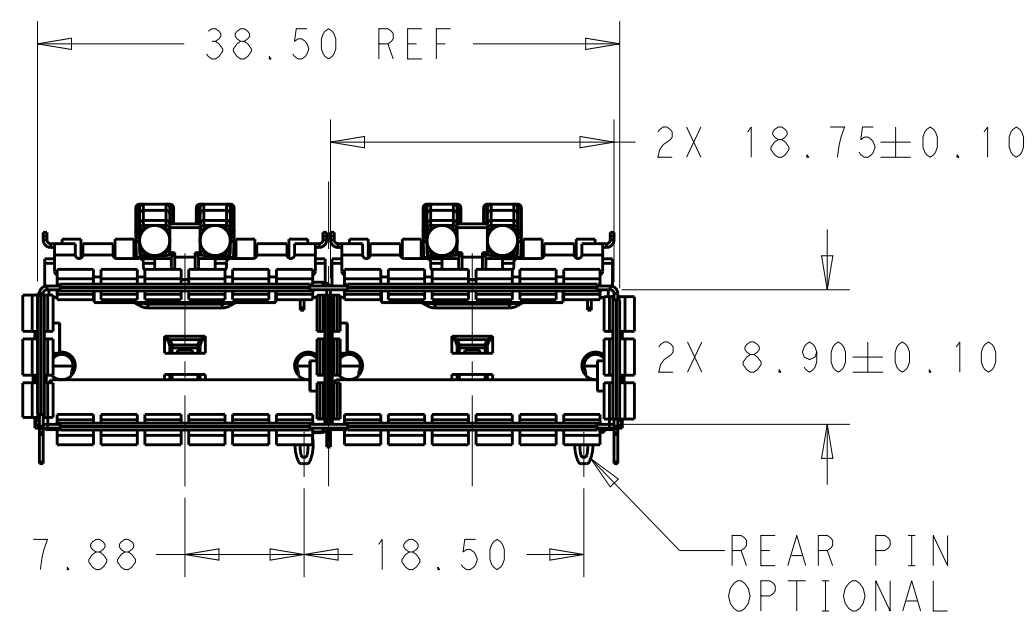


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	31OCT2016	JY	SH

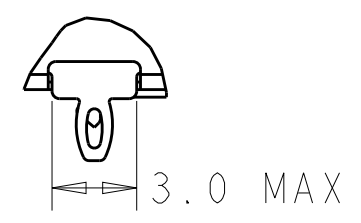
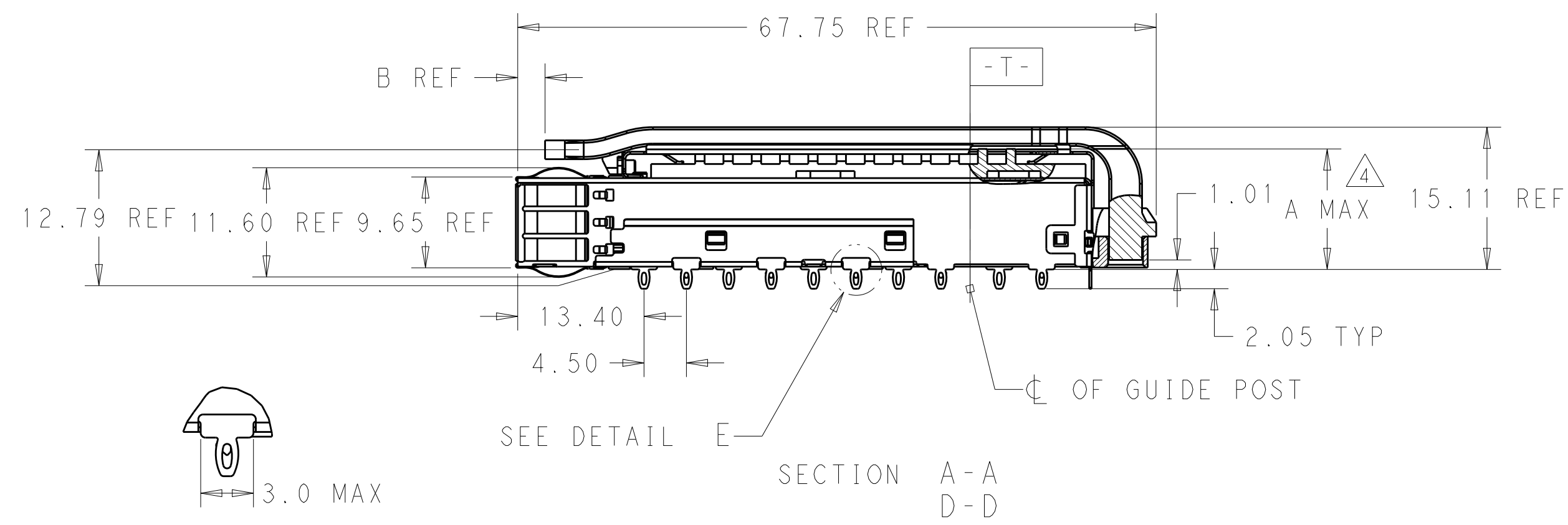


2-2170808-1 AS SHOWN
SCALE 2:1

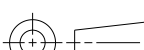
1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
LIGHT PIPE: CLEAR POLYCARBONATE
2. REFERENCE APPLICATION SPECIFICATION 114-32023
FOR RECOMMENDED DRILL HOLE DIAMETER AND
PLATING THICKNESS
3. DATUM 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.
12. PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.



SCALE 2:1

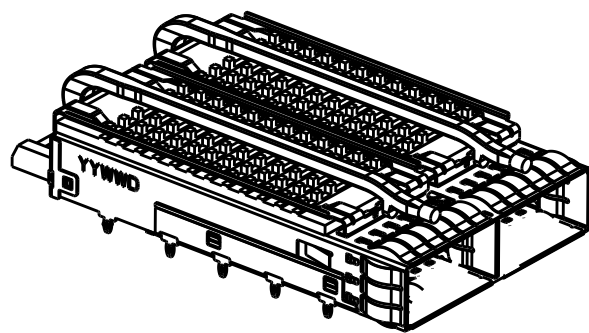


DETAIL E
SCALE 4:1

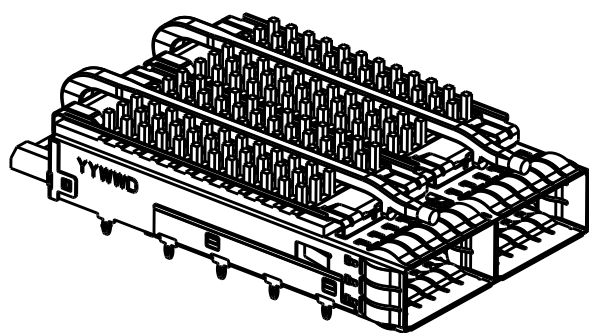
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 16SEP2014	 TE Connectivity					
		CHK JASON YANG 16SEP2014						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±. 4 PLC ±. ANGLES ±.	APVD -	NAME RECEPTACLE CAGE ASSEMBLY 1X2, QSFP28, THRU BEZEL, SPRING WITH HEAT SINKS AND LIGHT PIPES					
		PRODUCT SPEC 108-19428						
		APPLICATION SPEC 114-32023	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
		WEIGHT -	A2	00779	C-2170808	-		
MATERIAL SEE NOTES -	FINISH SEE NOTES -	CUSTOMER DRAWING				SCALE 1:1	SHEET 1 OF 9	REV A

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

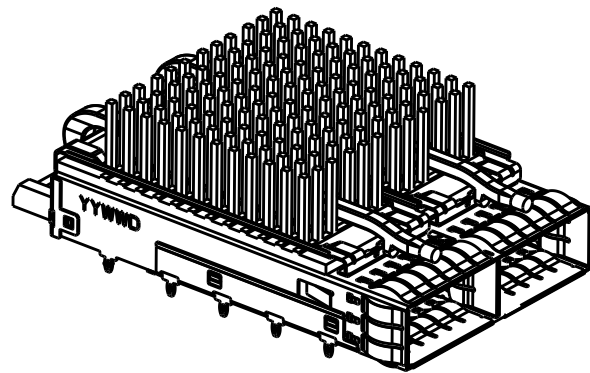
HEAT SINK OPTION



PCI HEAT SINK HEIGHT
SCALE 1:1

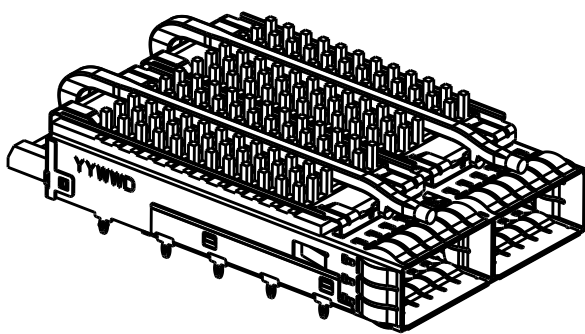


SAN HEAT SINK HEIGHT
SCALE 1:1

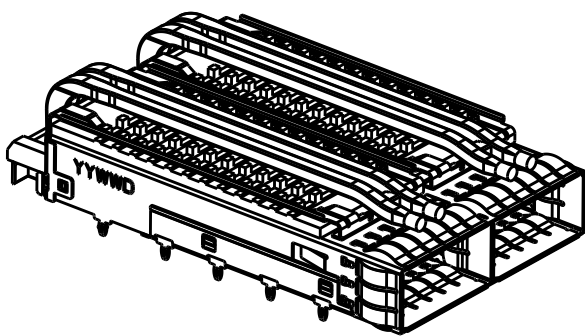


NETWORKING HEAT SINK HEIGHT
SCALE 1:1

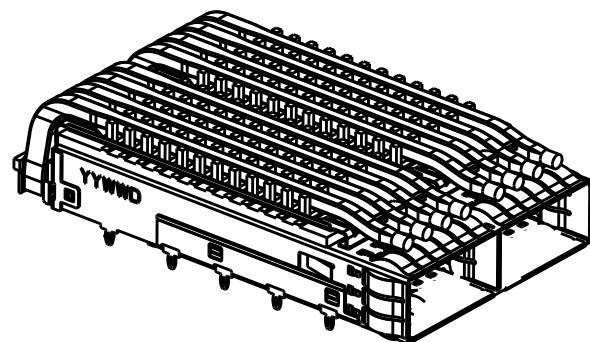
LIGHT PIPE OPTION



SINGLE LIGHT PIPE
SCALE 1:1

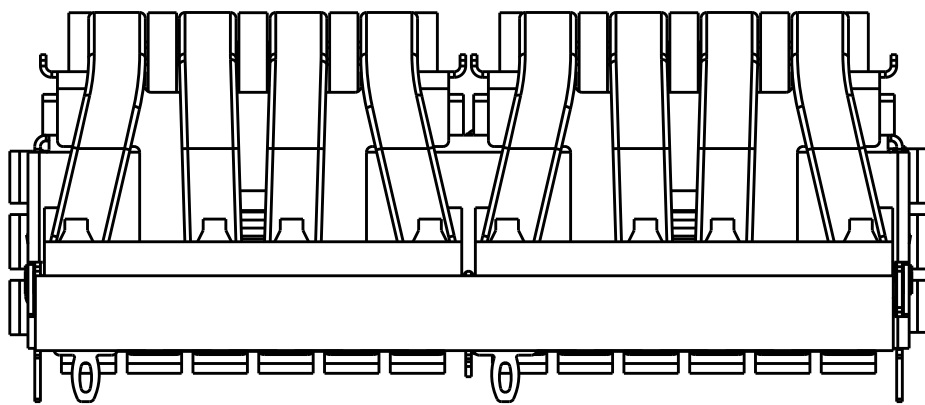


DUAL LIGHT PIPE
SCALE 1:1

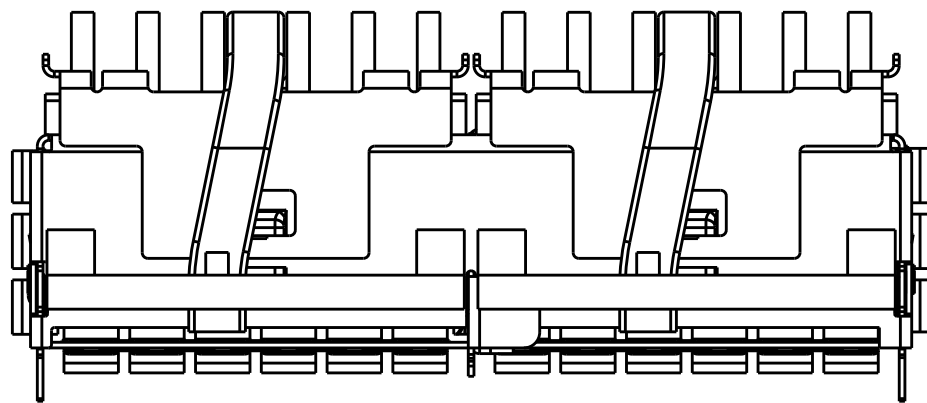


QUAD LIGHT PIPE
SCALE 1:1

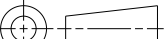
OF REAR PIN OPTION



1 REAR PIN
SCALE 3:1



0 REAR PIN
SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 16SEP2014		 TE Connectivity		
		CHK JASON YANG 16SEP2014				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE CAGE ASSEMBLY 1X2, QSFP28, THRU BEZEL, SPRING WITH HEAT SINKS AND LIGHT PIPES		
mm		APVD -				
		PRODUCT SPEC 108-19428		SIZE A2 CAGE CODE 00779 DRAWING NO C-2170808 RESTRICTED TO -		
		APPLICATION SPEC 114-32023				
		WEIGHT -				
		CUSTOMER DRAWING				
		SCALE 1:1				
MATERIAL SEE NOTES -		FINISH SEE NOTES -		SHEET 2 OF 9 REV A		

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

REVISIONS

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

0	3.4	16.0	SAN	COATED QUAD LP	5-2170808-5
0	2.9	23.0	NETWORKING	QUAD LP	4-2170808-6
0	2.9	16.0	SAN	QUAD LP	4-2170808-5
0	2.9	13.7	PCI	QUAD LP	4-2170808-4
1	2.9	23.0	NETWORKING	QUAD LP	4-2170808-3
1	2.9	16.0	SAN	QUAD LP	4-2170808-2
1	2.9	13.7	PCI	QUAD LP	4-2170808-1
1	4.5	13.7	PCI	SHORTER, QUAD LP	4-2170808-0
0	2.9	23.0	NETWORKING	DUAL LP	2-2170808-6
0	2.9	16.0	SAN	DUAL LP	2-2170808-5
0	2.9	13.7	PCI	DUAL LP	2-2170808-4
1	2.9	23.0	NETWORKING	DUAL LP	2-2170808-3
1	2.9	16.0	SAN	DUAL LP	2-2170808-2
1	2.9	13.7	PCI	DUAL LP	2-2170808-1
0	2.9	23.0	NETWORKING	SINGLE LP	2170808-6
0	2.9	16.0	SAN	SINGLE LP	2170808-5
0	2.9	13.7	PCI	SINGLE LP	2170808-4
1	2.9	23.0	NETWORKING	SINGLE LP	2170808-3
1	2.9	16.0	SAN	SINGLE LP	2170808-2
1	2.9	13.7	PCI	SINGLE LP	2170808-1
# OF REAR PIN	DIM B (LP EXTRUDE)	DIM A (PRODUCT HEIGHT)	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 16SEP2014
BING LIU

CHK 16SEP2014
JASON YANG

APVD -

PRODUCT SPEC
108-19428

APPLICATION SPEC
114-32023

WEIGHT -

CUSTOMER DRAWING

NAME
RECEPTACLE CAGE ASSEMBLY
1X2, QSFP28, THRU BEZEL, SPRING
WITH HEAT SINKS AND LIGHT PIPES

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170808

RESTRICTED TO
-

SCALE 1:1

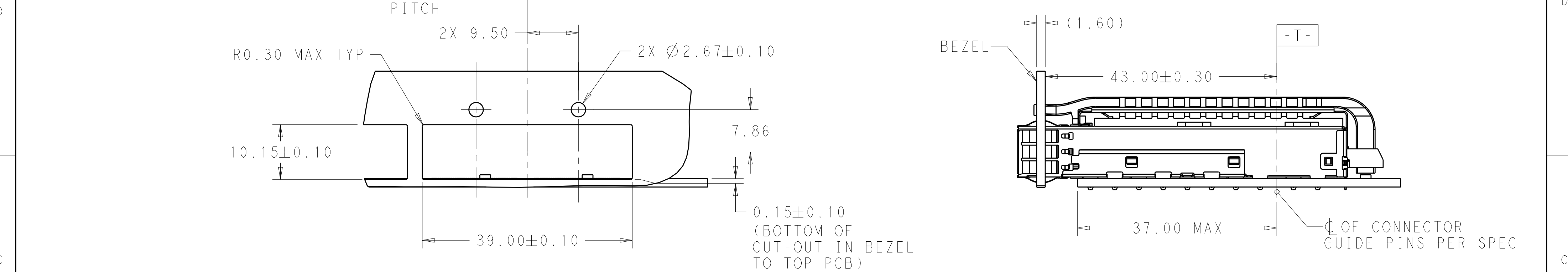
SHEET 3 OF 9

REV A

TE Connectivity

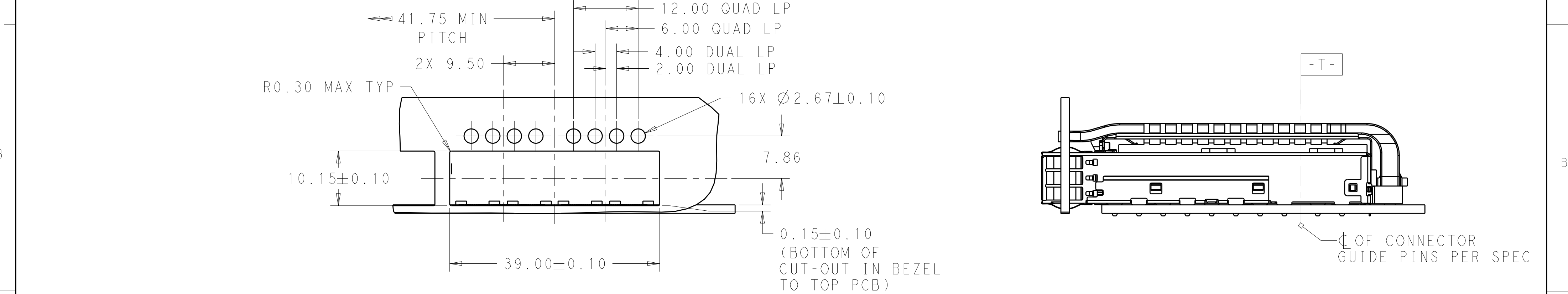
1471-9 (3/13)

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



CAGE ASSEMBLY IS OMITED

SINGLE SIDE MOUNTING
SCALE 2:1



CAGE ASSEMBLY IS OMITED

SINGLE SIDE MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.25

2 PLC ±0.2

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH

SEE NOTES

-

DWN BING LIU 16SEP2014

CHK JASON YANG 16SEP2014

APVD -

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY
1X2, QSFP28, THRU BEZEL, SPRING
WITH HEAT SINKS AND LIGHT PIPES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C-2170808

-

-

SCALE 1:1

SHEET 4 OF 9

REV A

D

C

B

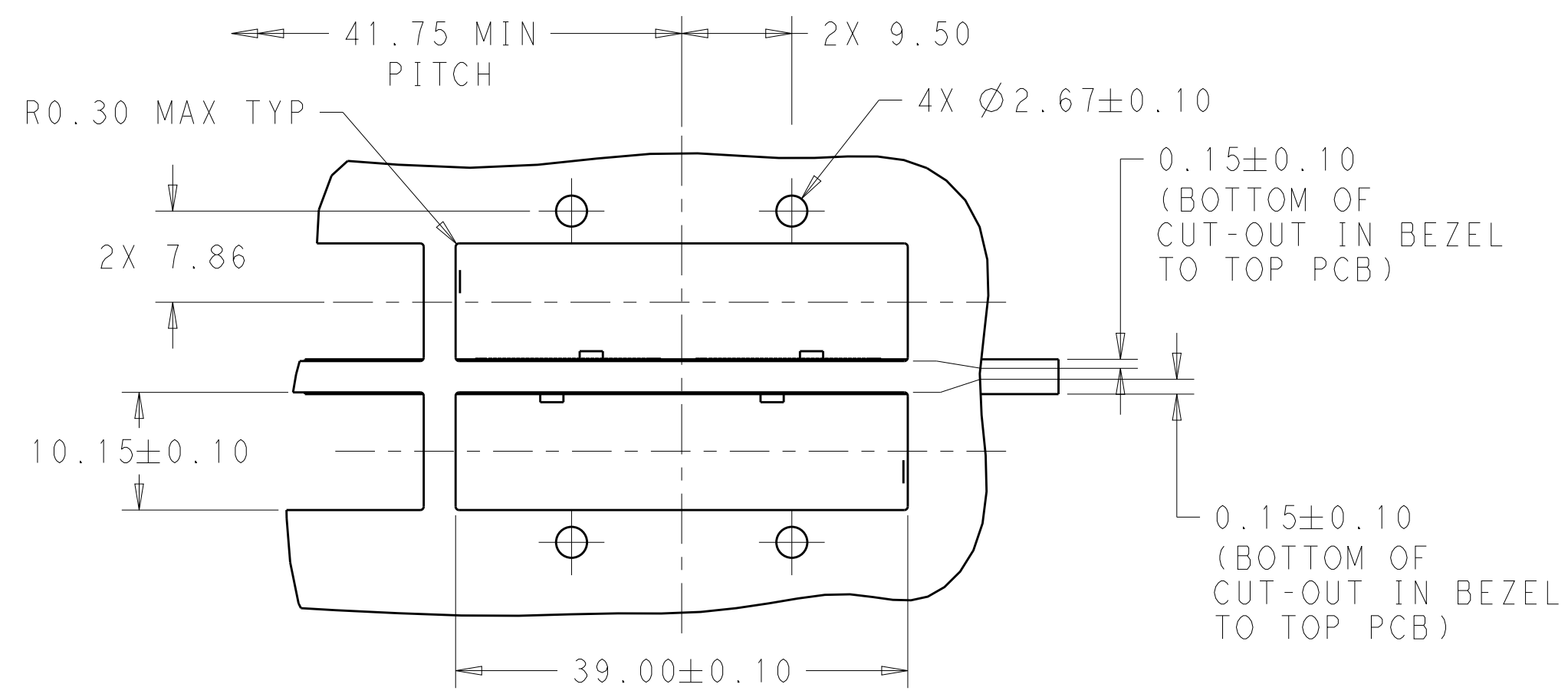
A

D

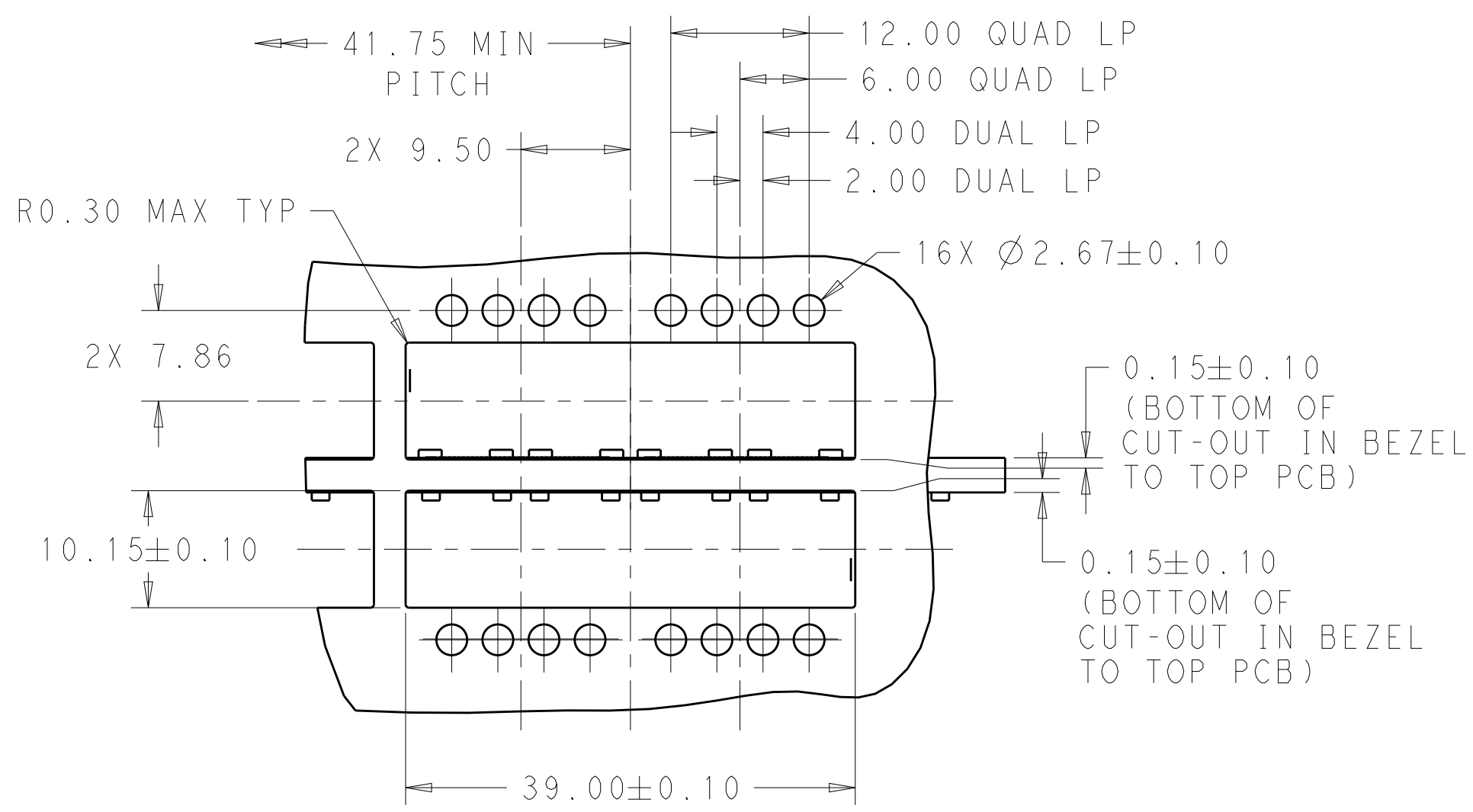
C

B

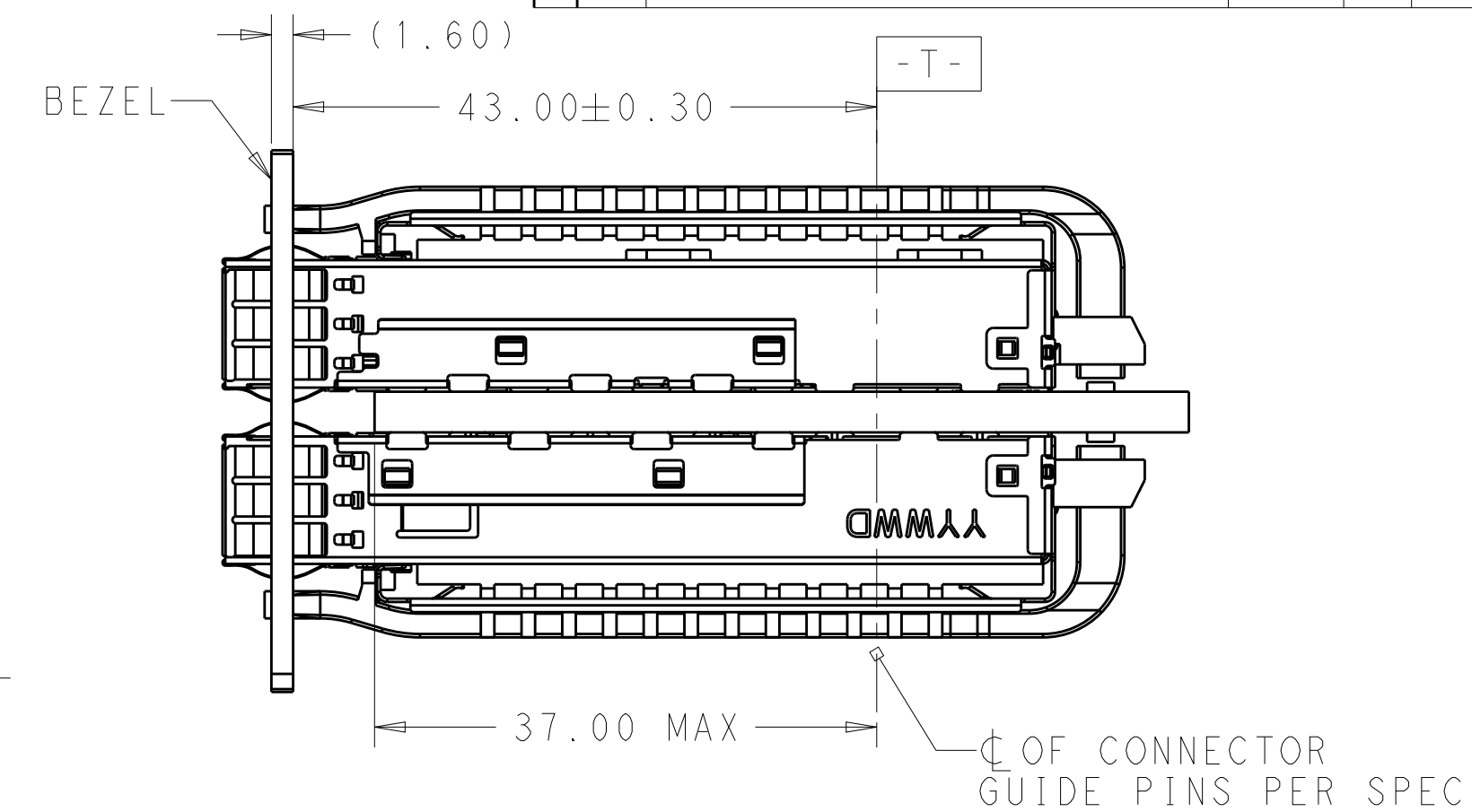
A



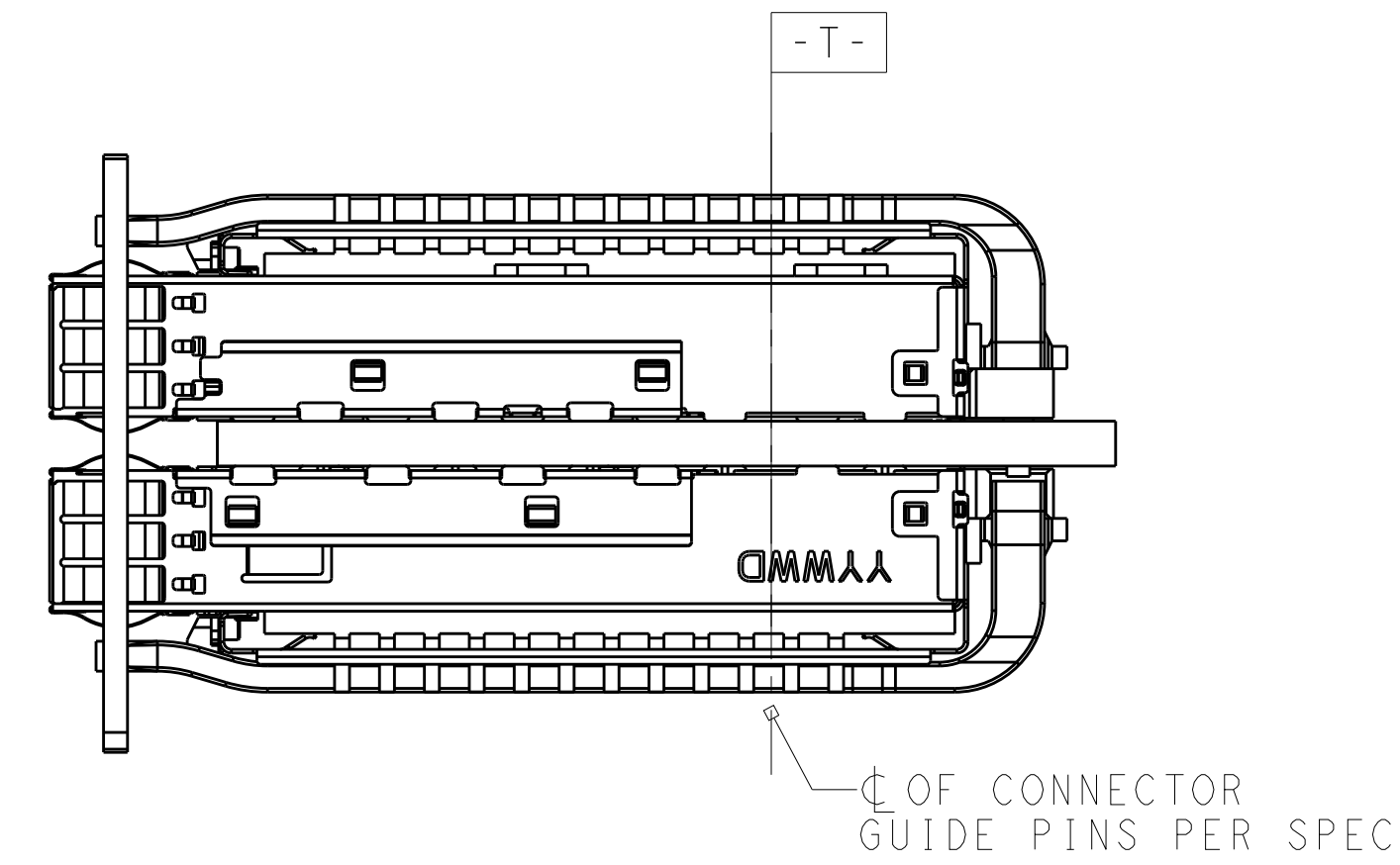
CAGE ASSEMBLY IS OMITED



CAGE ASSEMBLY IS OMITED

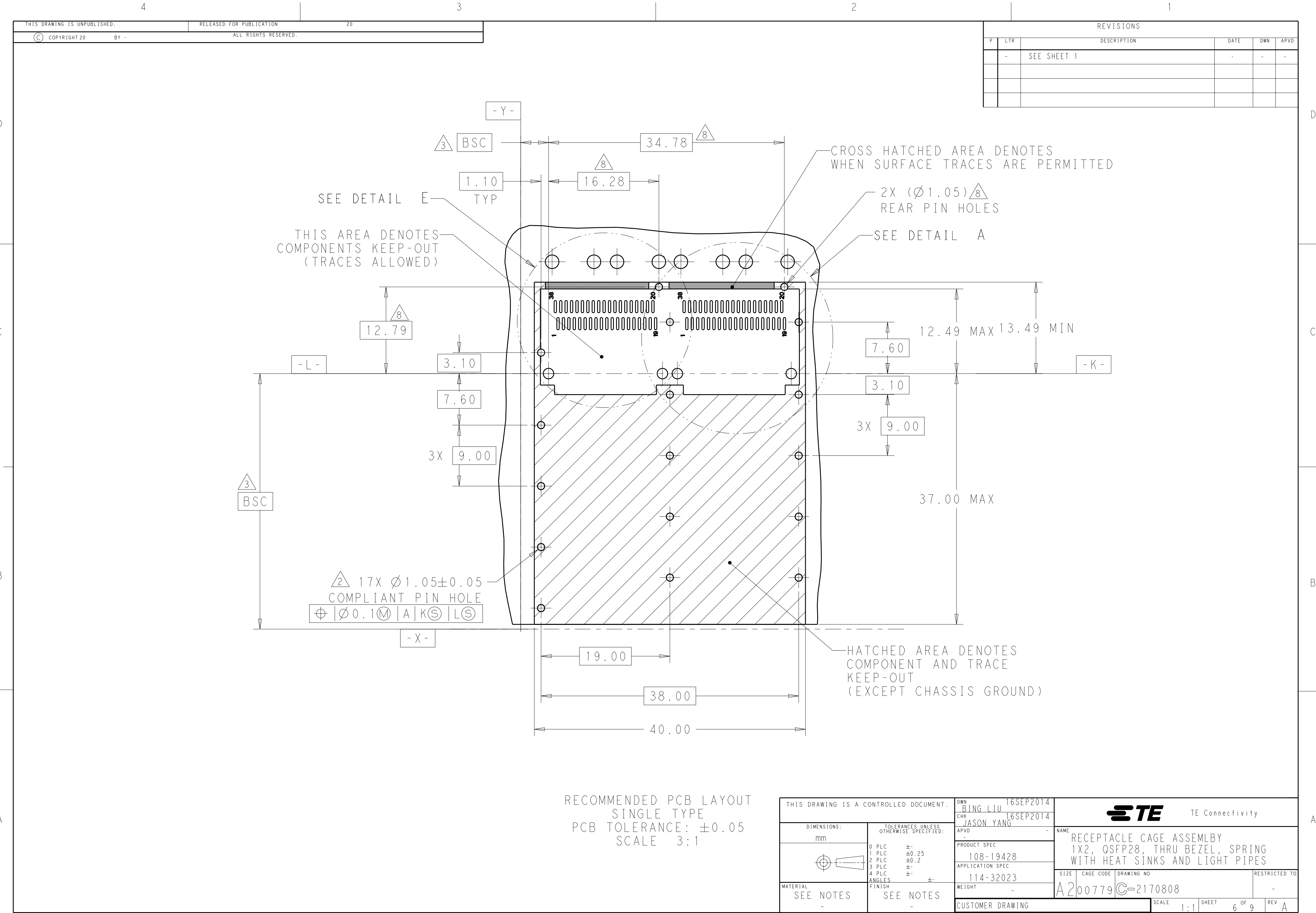


BELLY TO BELLY MOUNTING
SCALE 2:1

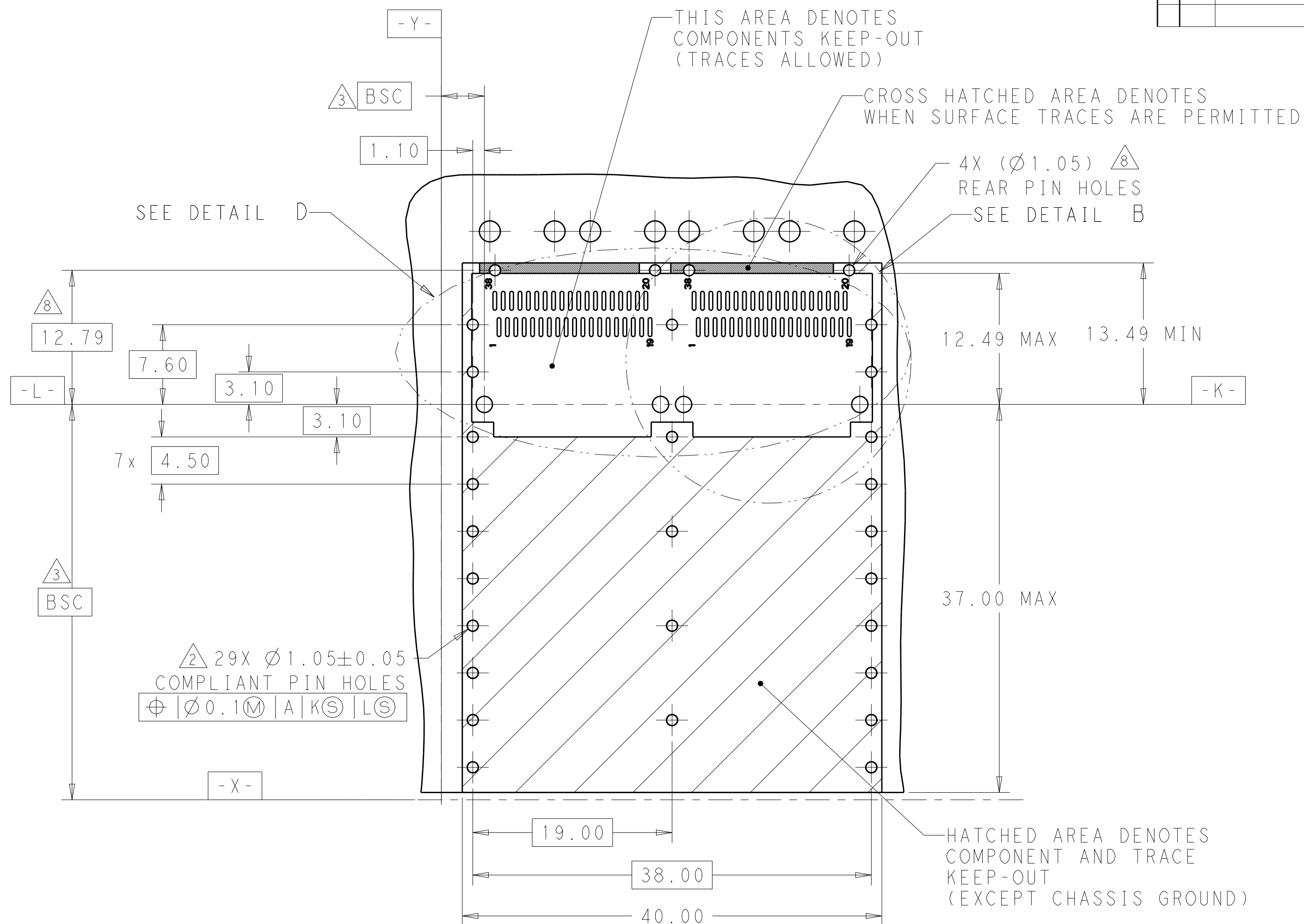


BELLY TO BELLY MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BING LIU 16SEP2014	 TE Connectivity										
		CHK JASON YANG 16SEP2014											
DIMENSIONS: mm		APVD -	PRODUCT SPEC 108-19428		NAME RECEPTACLE CAGE ASSEMBLY 1X2, QSFP28, THRU BEZEL, SPRING WITH HEAT SINKS AND LIGHT PIPES								
			APPLICATION SPEC 114-32023										
0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ±		WEIGHT -	SIZE A2		CAGE CODE 00779		DRAWING NO C-2170808		RESTRICTED TO -				
MATERIAL SEE NOTES -		FINISH SEE NOTES -		CUSTOMER DRAWING				SCALE 1:1		SHEET 5 OF 9		REV A	



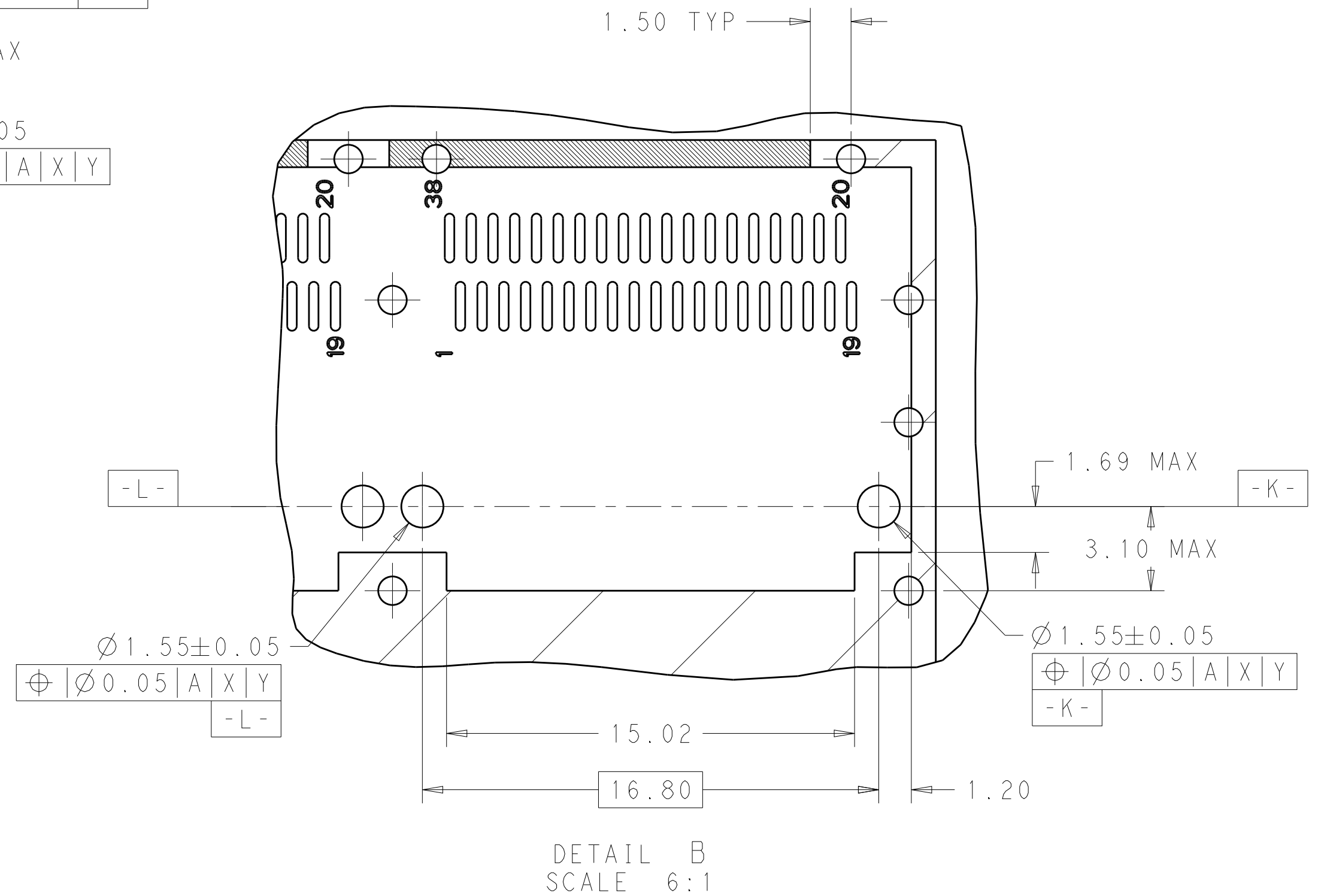
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



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

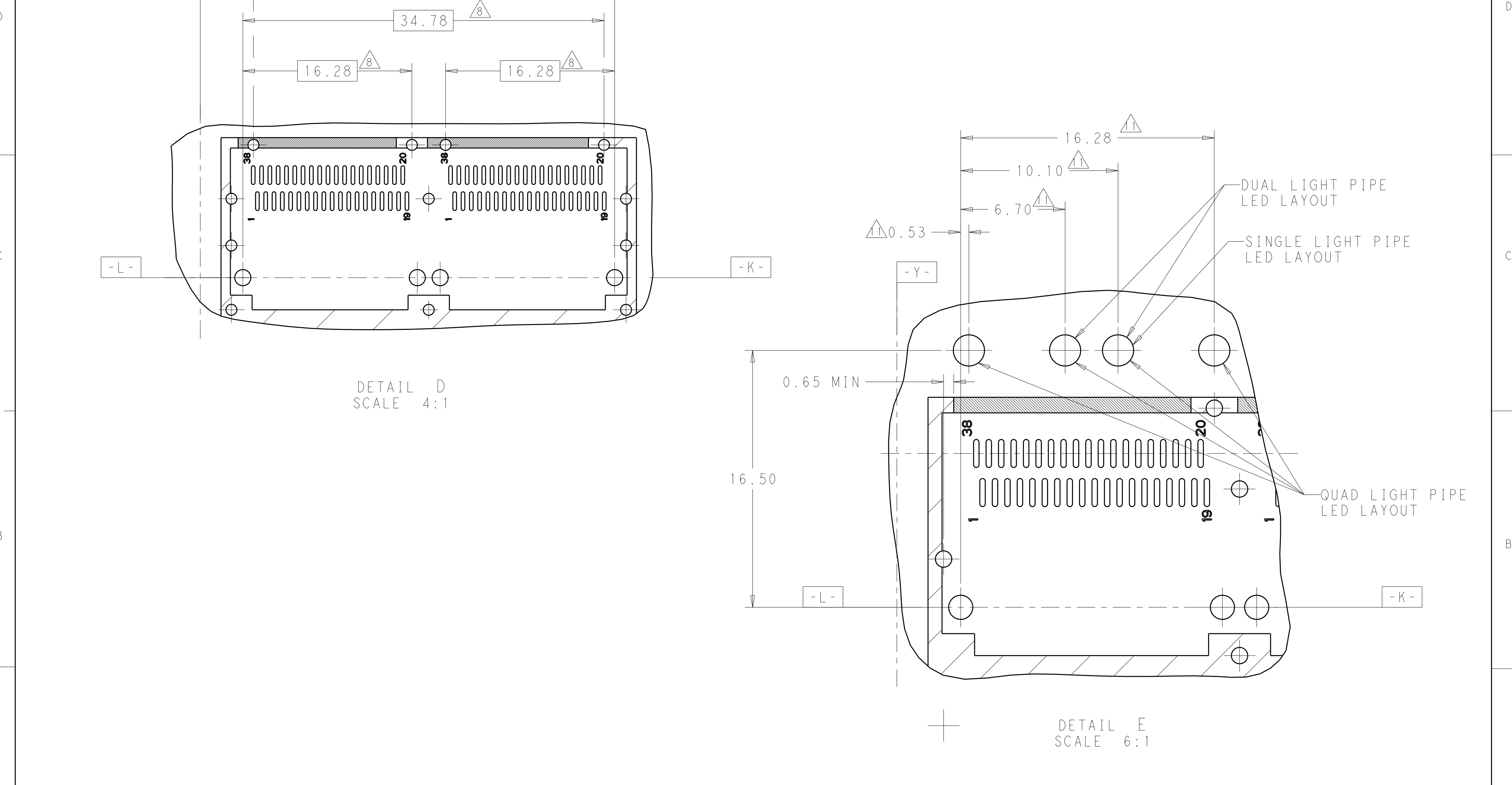
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16SEP2014 BING LIU	 TE Connectivity				
		CHR 16SEP2014 JASON YANG					
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	NAME	RECEPTACLE CAGE ASSEMBLY 1X2, QSFP28, THRU BEZEL, SPRING WITH HEAT SINKS AND LIGHT PIPES			
mm		PRODUCT SPEC					
	0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	APPLICATION SPEC					
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
SEE NOTES	SEE NOTES	-	A2	00779	C-2170808	-	
CUSTOMER DRAWING			SCALE	SHEET	REV		
			1:1	7 of 9	A		

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 16SEP2014 BING LIU		 TE Connectivity	
		CHR 16SEP2014 JASON YANG			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE CAGE ASSEMBLY 1X2, QSFP28, THRU BEZEL, SPRING WITH HEAT SINKS AND LIGHT PIPES	
		APVD -			
0 PLC ±. 1 PLC ±0.25 2 PLC ±0.2 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -			
MATERIAL SEE NOTES -		RESTRICTED TO -		SIZE A2	
SEE NOTES -		CAGE CODE 00779		DRAWING NO C-2170808	
SEE NOTES -		CUSTOMER DRAWING		SCALE 1:1 SHEET 8 of 9 REV A	

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

BING LIU

16SEP2014

CHK

JASON YANG

16SEP2014

APVD

-

-

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.25

2 PLC ±0.2

3 PLC ±-

4 PLC ±-

ANGLES ±-

FINISH

SEE NOTES

SEE NOTES

-

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

NAME

RECEPTACLE CAGE ASSEMBLY
1X2, QSFP28, THRU BEZEL, SPRING
WITH HEAT SINKS AND LIGHT PIPES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C-2170808

-

SCALE

1:1

SHEET

9

OF

9

REV

A