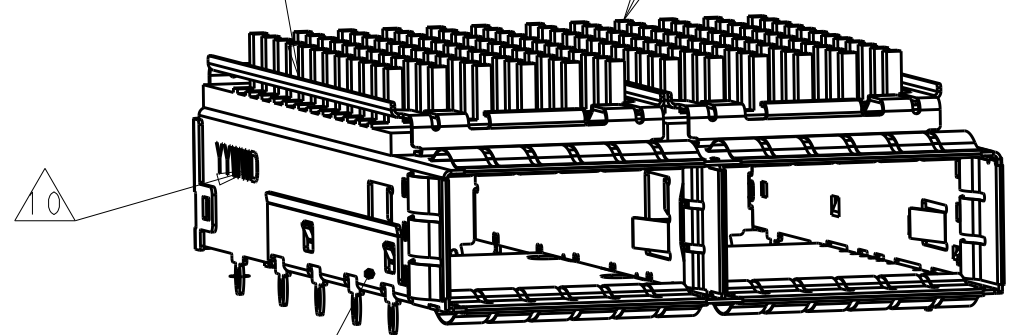


D

HEAT SINK CLIP

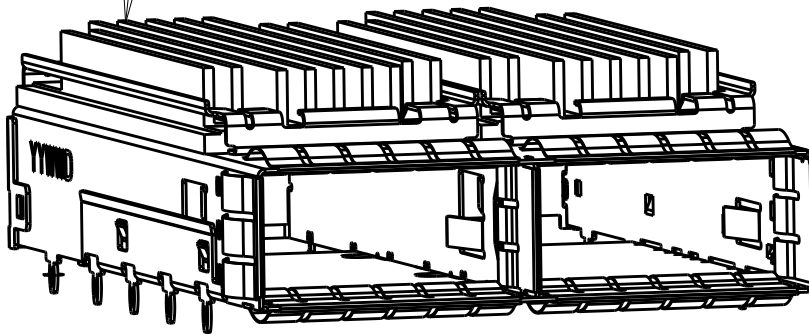
PIN HEAT SINK



CAGE ASSEMBLY

2170806-1,2,3,4,5,6 AS SHOWN
SCALE 2:1

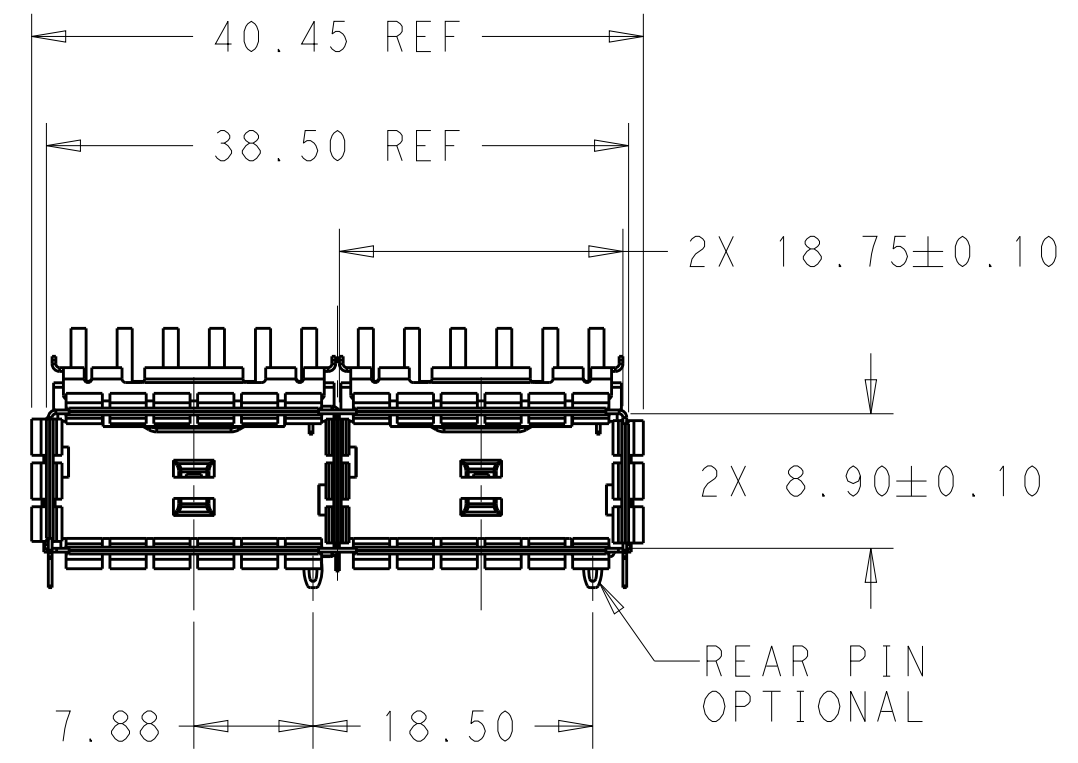
FIN HEAT SINK



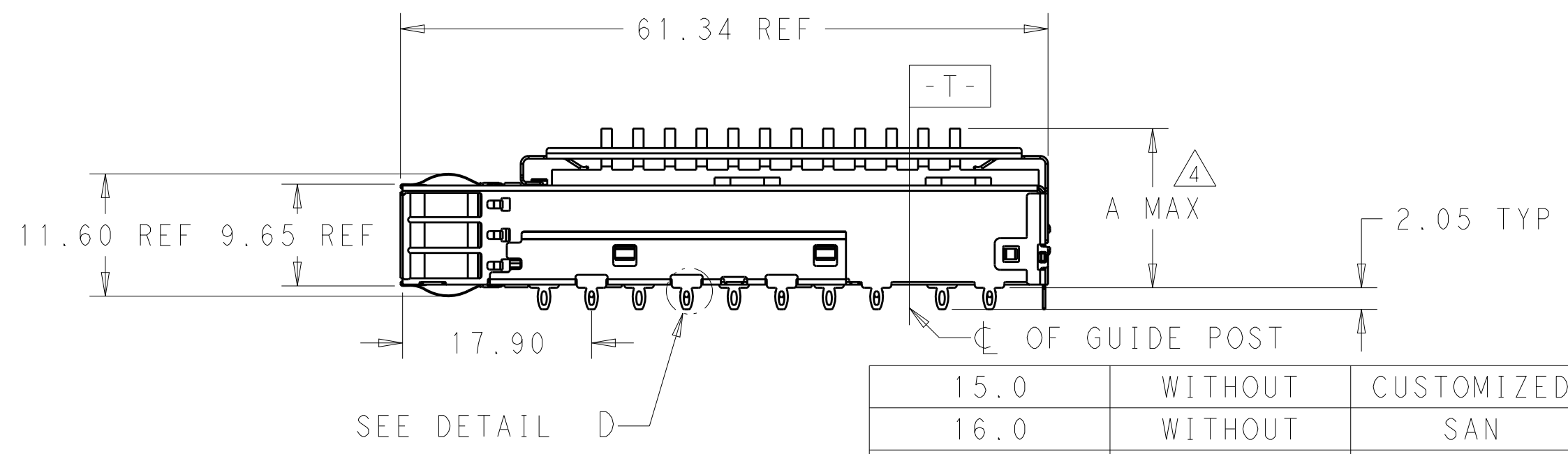
2170806-8,1-2170806-0 AS SHOWN
SCALE 2:1

1. COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
EMI SPRING: COPPER ALLOY/NICKEL PLATE
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.

C



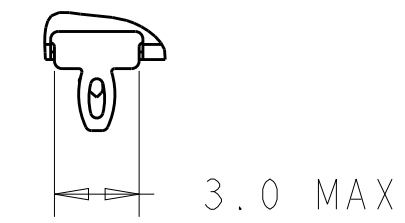
SCALE 2:1



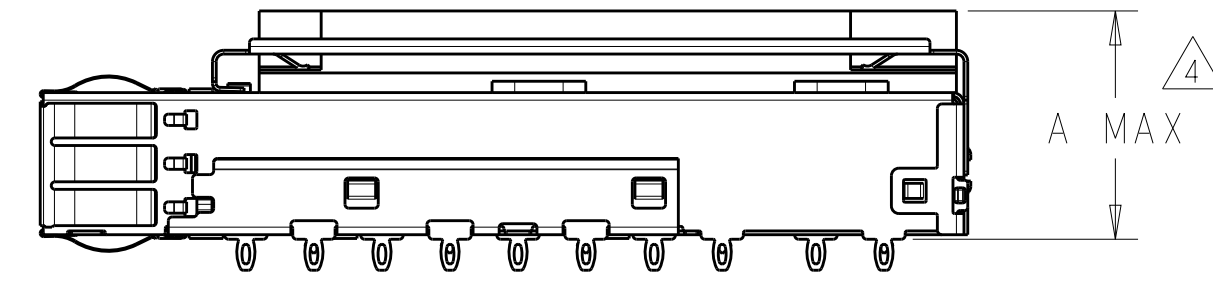
SEE DETAIL D

B

A



DETAIL D
SCALE 4:1



2170806-8,1-2170806-0 AS SHOWN
SCALE 2:1

15.0	WITHOUT	CUSTOMIZED	1-2170806-0
16.0	WITHOUT	SAN	2170806-8
23.0	WITHOUT	NETWORKING	2170806-6
16.0	WITHOUT	SAN	2170806-5
13.7	WITHOUT	PCI	2170806-4
23.0	WITH	NETWORKING	2170806-3
16.0	WITH	SAN	2170806-2
13.7	WITH	PCI	2170806-1
DIM A	REAR PINS OPTIONAL	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 ±
FINISH

MATERIAL
SEE NOTES

DWN HANK WU 15SEP2014
CHK JASON YANG 15SEP2014
APVD SEAN HAN 02FEB2016

PRODUCT SPEC
108-19428

APPLICATION SPEC
114-32023

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RECEPTACLE CAGE ASSEMBLY
WITH HEAT SINKS
THRU BEZEL, 1X2, QSFP28

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2170806

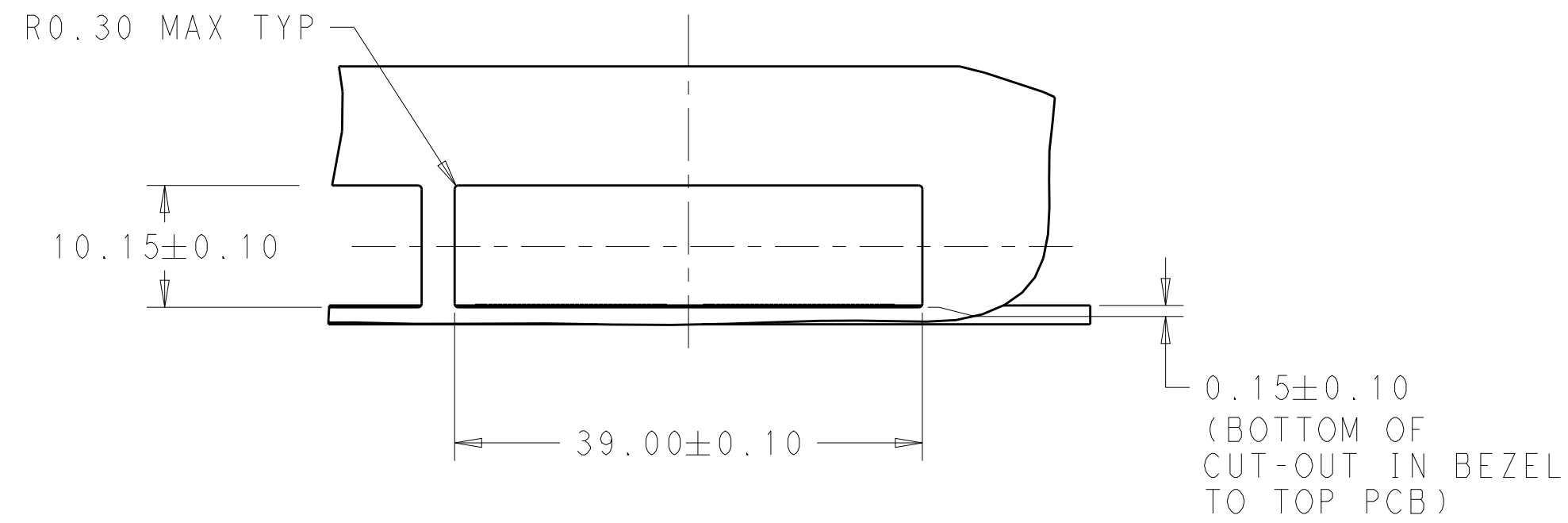
RESTRICTED TO
-

SCALE 1:1

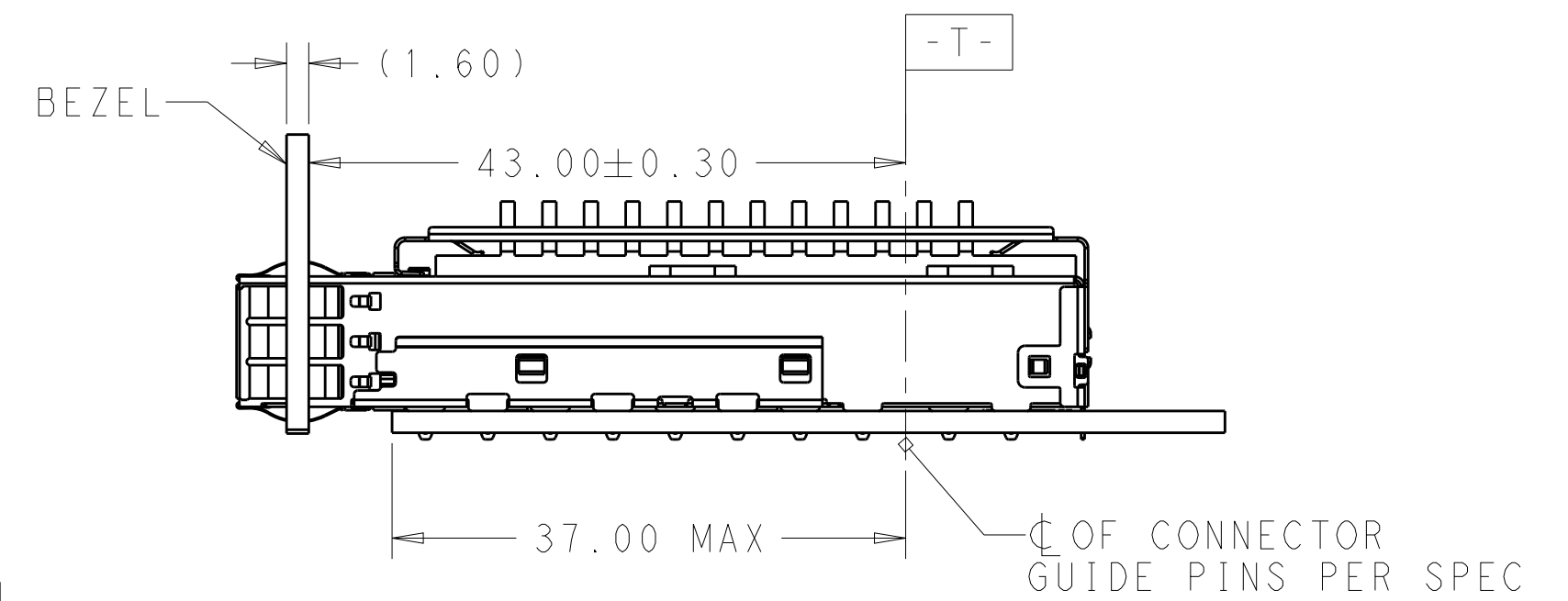
SHEET 1 OF 5

REV C

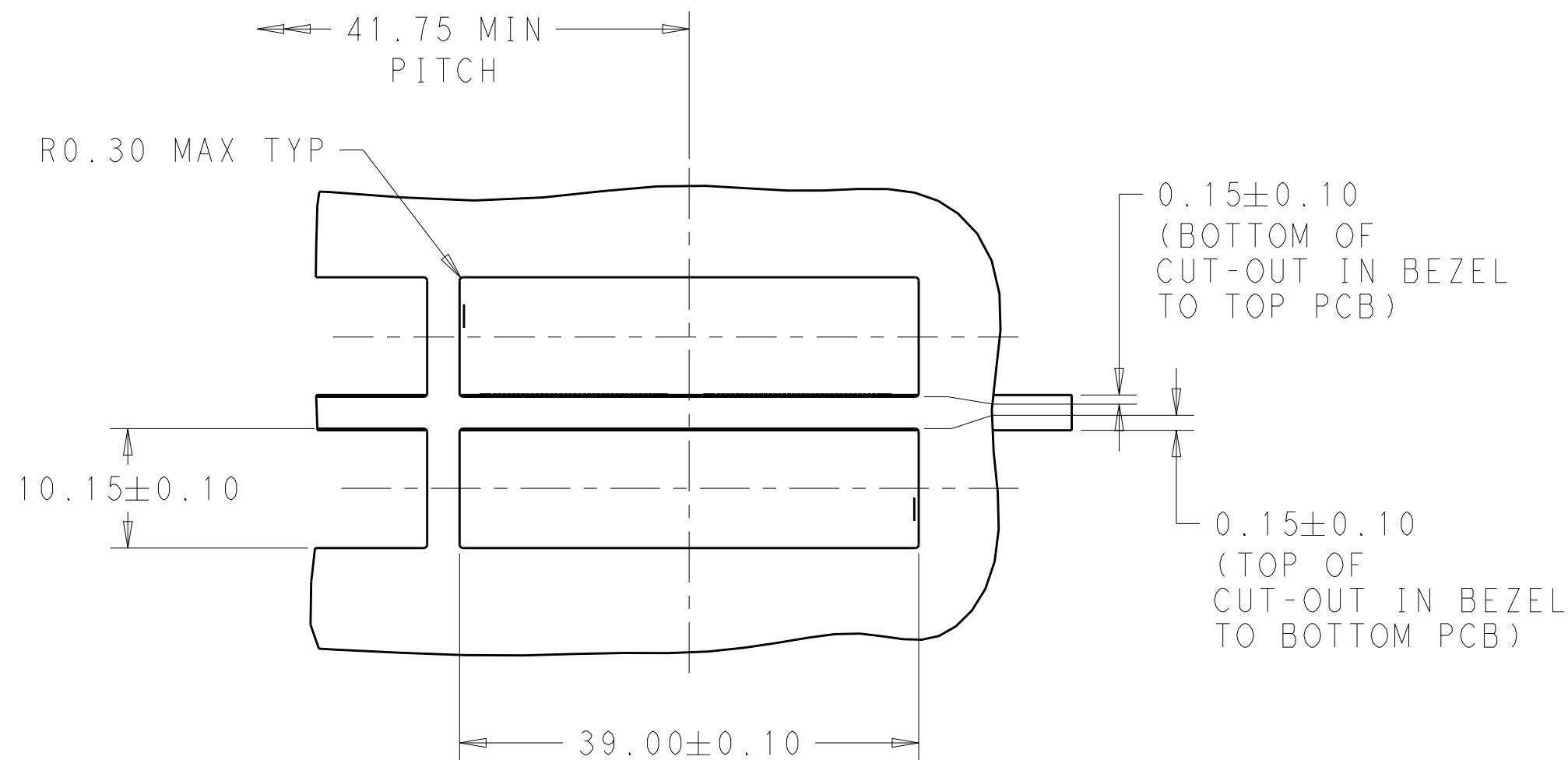
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



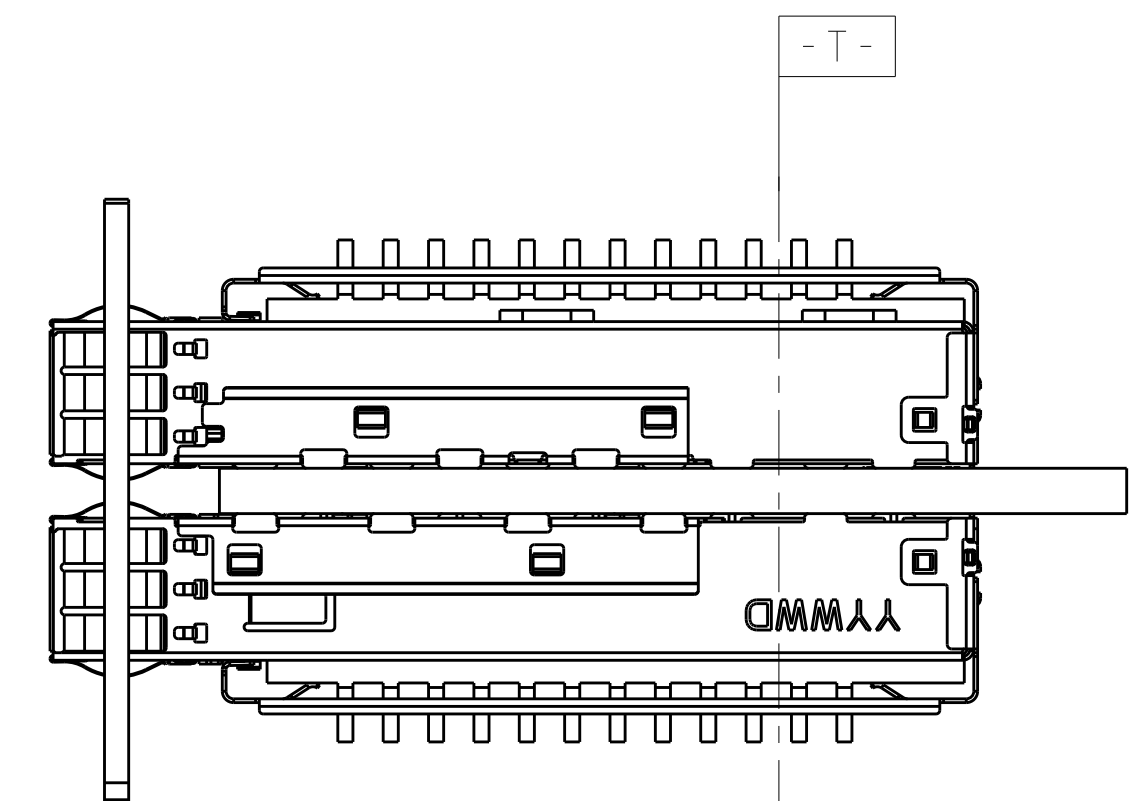
CAGE ASSEMBLY IS OMITTED



SINGLE SIDE MOUNTING
SCALE 2:1

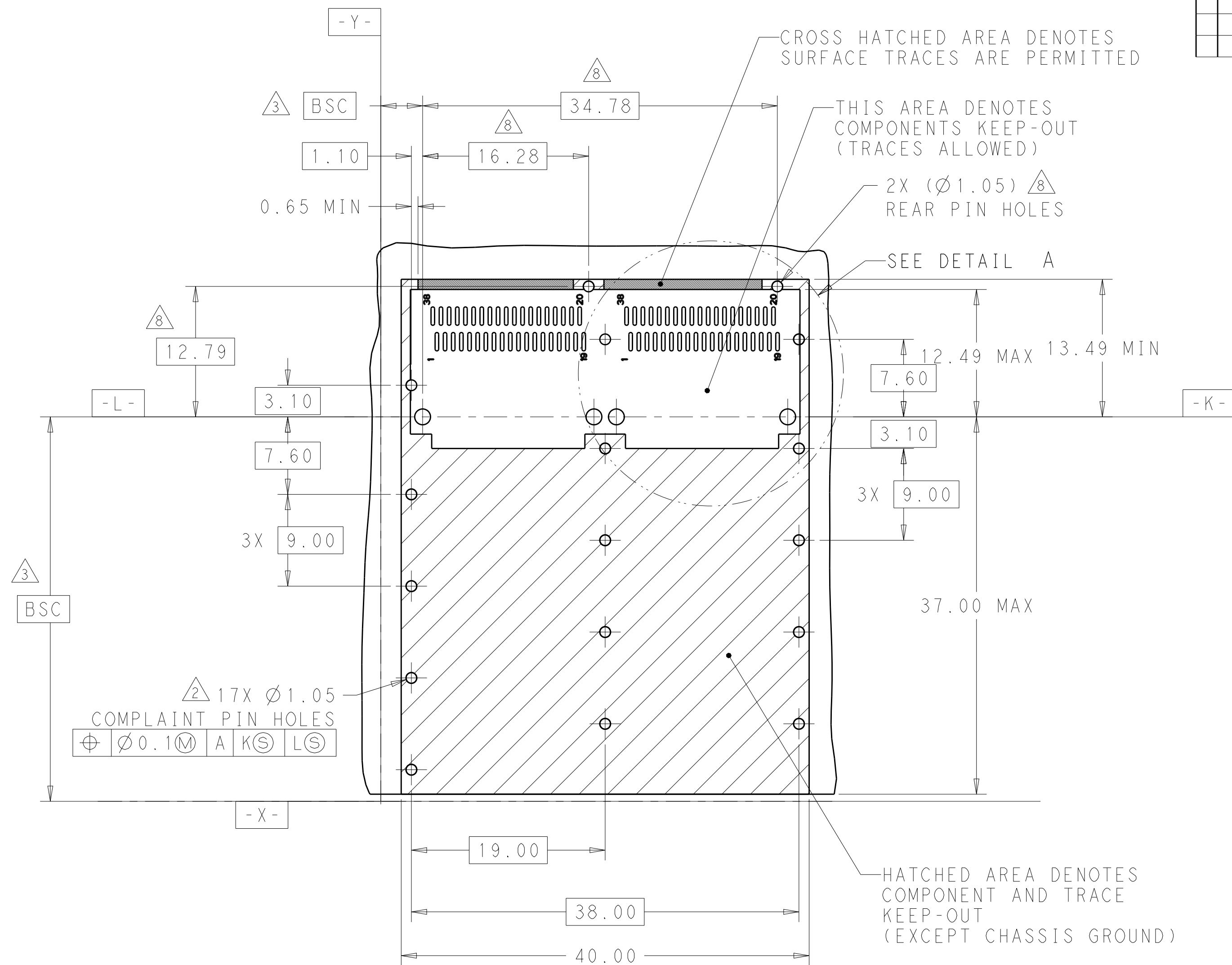


CAGE ASSEMBLY IS OMITTED



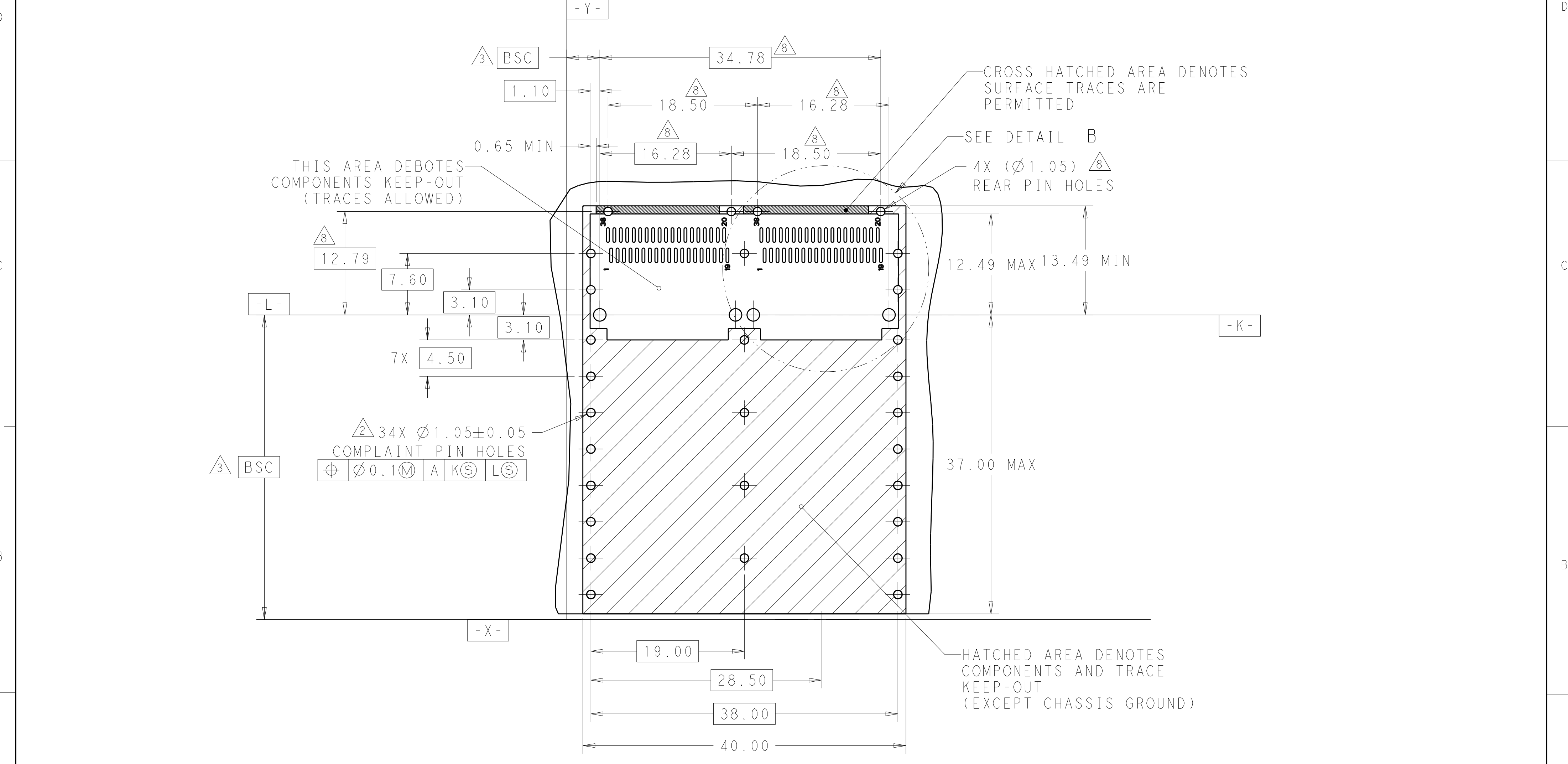
BELLY TO BELLY MOUNTING
SCALE 2:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HANK WU 15SEP2014 CHR JASON YANG 15SEP2014 APVD SFAN HAN 02FEB2016		 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 THRU BEZEL, 1X2, QSFP28	
MATERIAL SEE NOTES - -		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT -		SIZE CAGE CODE DRAWING NO RESTRICTED TO A200779 C-2170806 -	
CUSTOMER DRAWING		SCALE 1:1		SHEET 2 OF 5 REV C	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 15SEP2014 HANK WU CHK 15SEP2014 JASON YANG APVD 02FEB2016 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 THRU BEZEL, 1X2, QSFP28	
		PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL SEE NOTES		FINISH SEE NOTES		WEIGHT - CUSTOMER DRAWING	
-		-		SCALE 1:1 SHEET 3 of 5 REV C	



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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC $\pm$
	1 PLC ± 0.25
	2 PLC ± 0.2
	3 PLC $\pm$
	4 PLC $\pm$
	ANGLES $\pm$
	FINISH

MATERIAL
SEE NOTES

DWN HANK WU 15SEP2014
CHK JASON YANG 15SEP2014
APVD SEAN HAN 02FEB2016

PRODUCT SPEC
108-19428
APPLICATION SPEC
114-32023
WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
RECEPTACLE CAGE ASSEMBLY
WITH HEAT SINKS
THRU BEZEL, 1X2, QSFP28

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A200779	C-2170806		-

SCALE 1:1 SHEET 4 OF 5 REV C

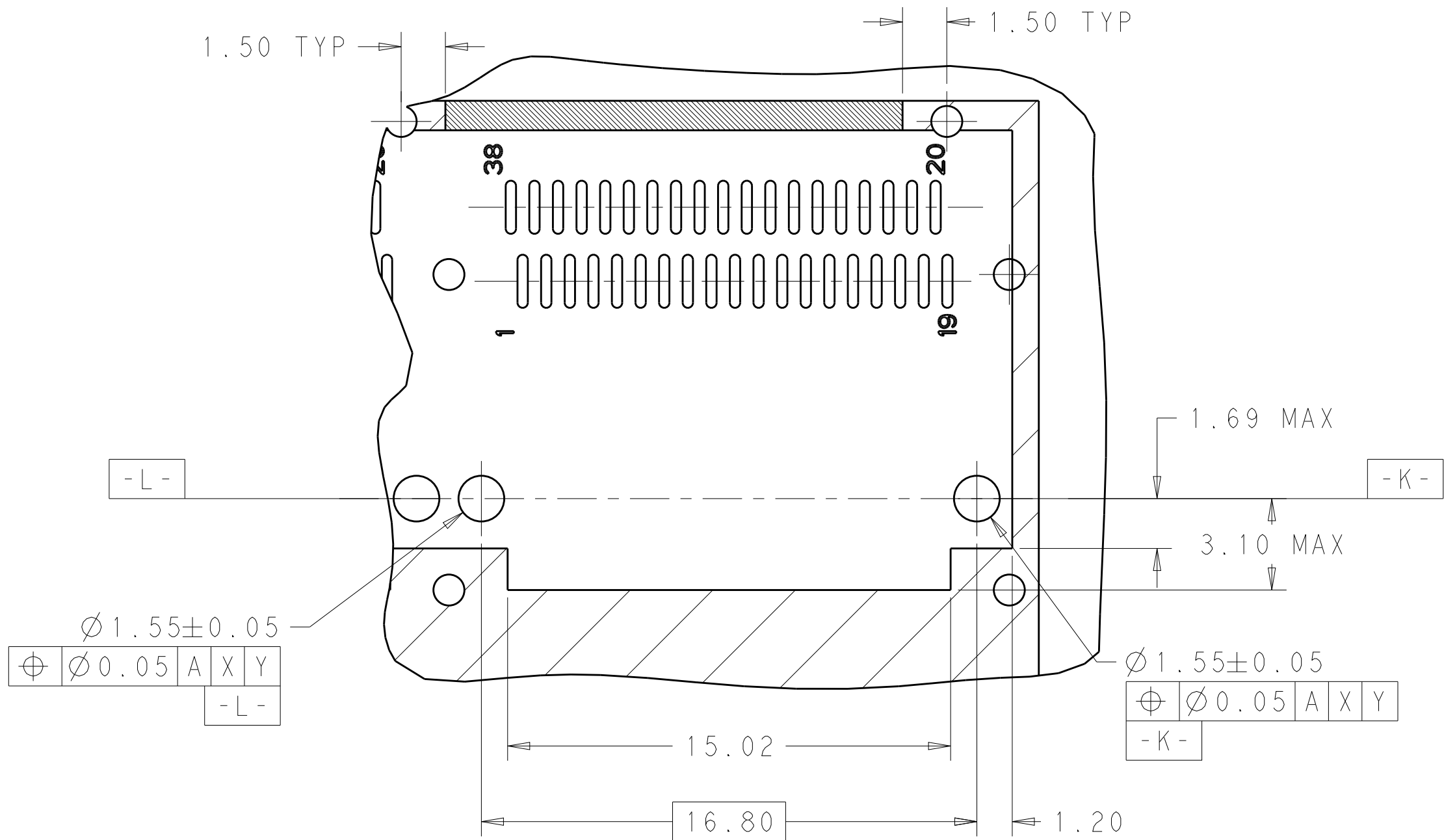
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

D

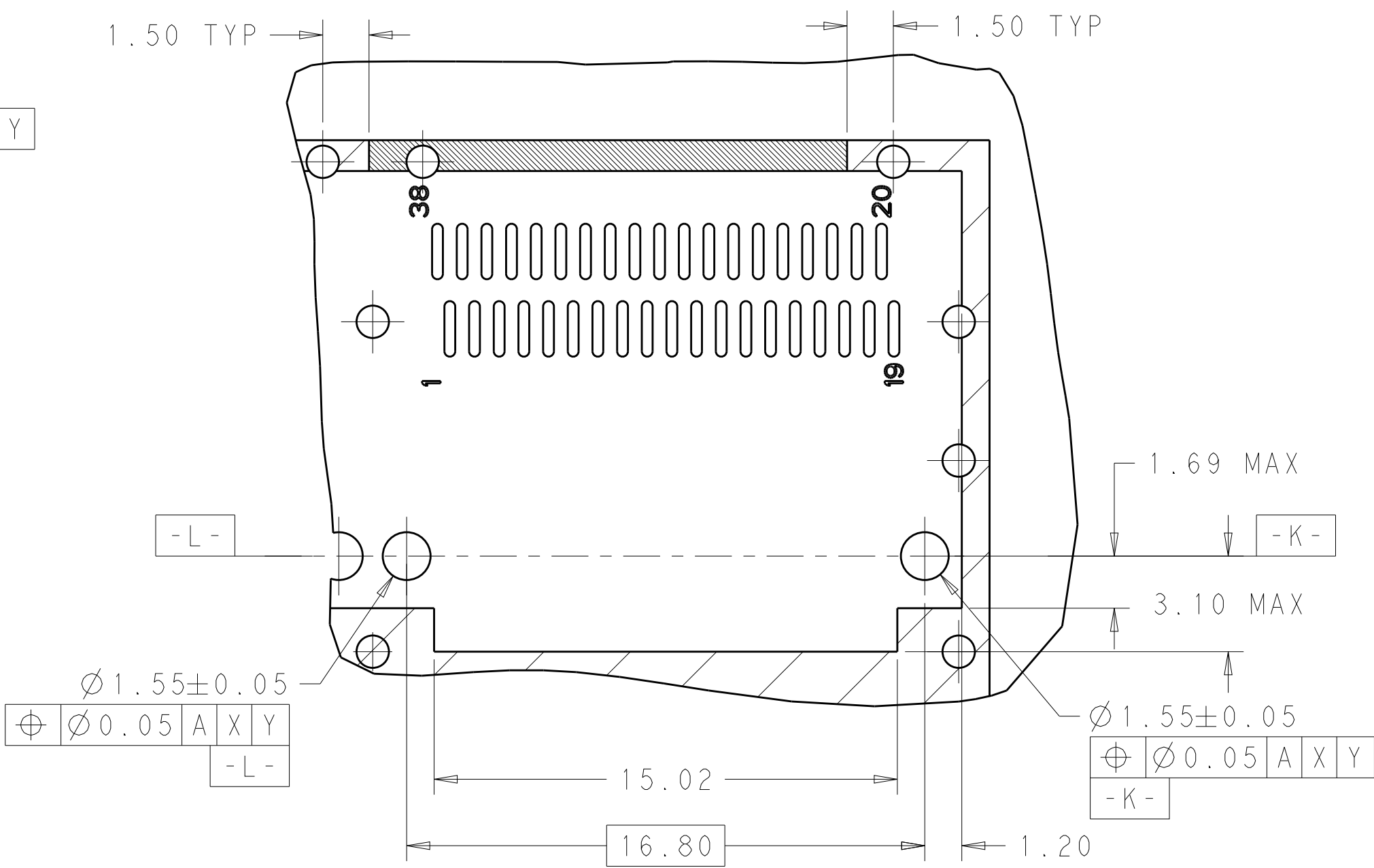
C

B

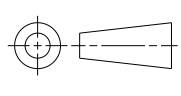
A



DETAIL A
SCALE 6:1



DETAIL B
SCALE 6:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HANK WU 15SEP2014	 TE Connectivity		
DIMENSIONS:		CHK JASON YANG 15SEP2014			
mm		APVD SEAN HAN 02FEB2016	NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X2, QSFP28		
		PRODUCT SPEC 108-19428	SIZE A200779		
		APPLICATION SPEC 114-32023			
MATERIAL SEE NOTES		WEIGHT -	DRAWING NO C-2170806		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CUSTOMER DRAWING	RESTRICTED TO -		
0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH		SCALE 1:1	SHEET 5 OF 5		
SEE NOTES		REV C			

Mouser Electronics

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