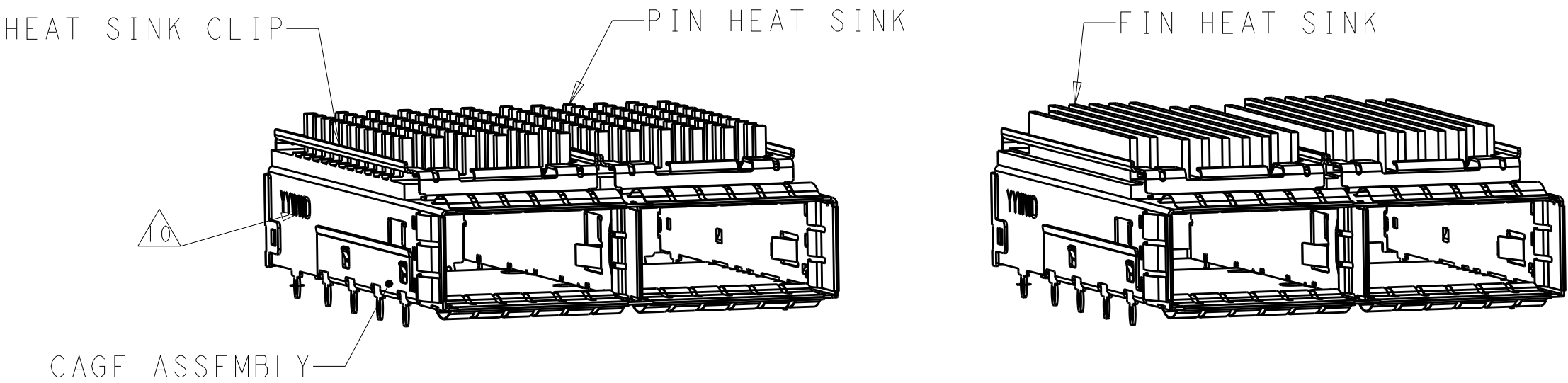


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | A   | INITIAL RELEASE           | 02FEB2016 | JY  | SH   |
|           | B   | REVISED PER ECO-18-019722 | 23OCT2018 | IT  | SH   |
|           | B1  | REVISED PER ECR-19-006373 | 19APR2019 | IT  | SH   |
|           | C   | REVISED PER ECO-20-002186 | 17FEB2020 | SH  | SH   |

D

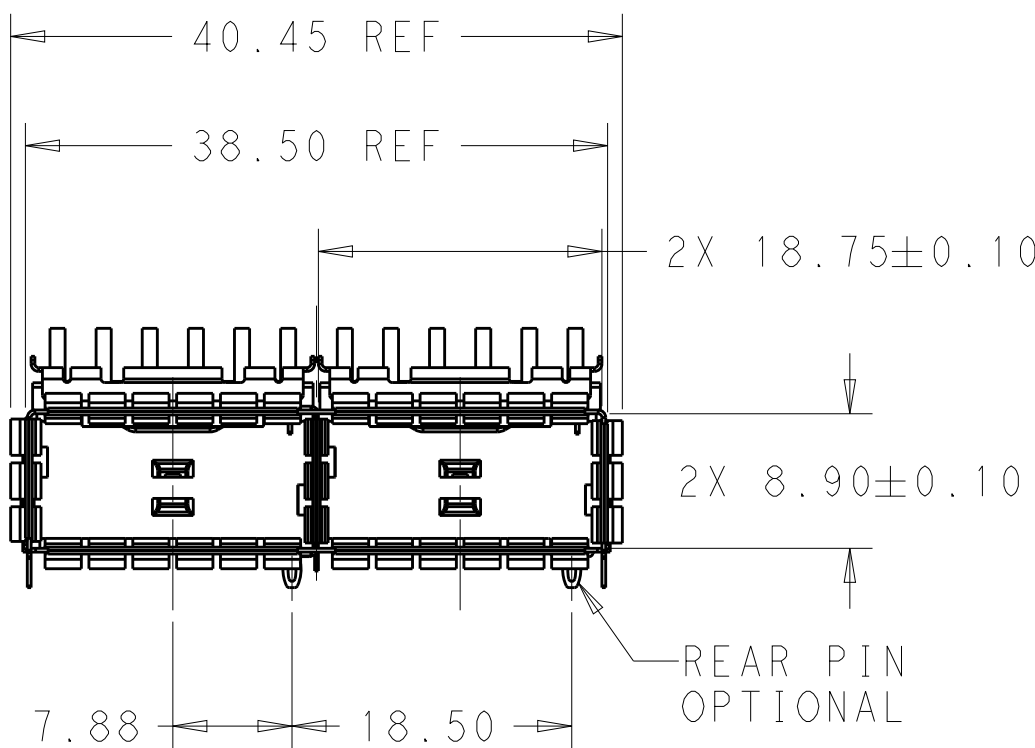


2170806-1,2,3,4,5,6 AS SHOWN  
SCALE 2:1

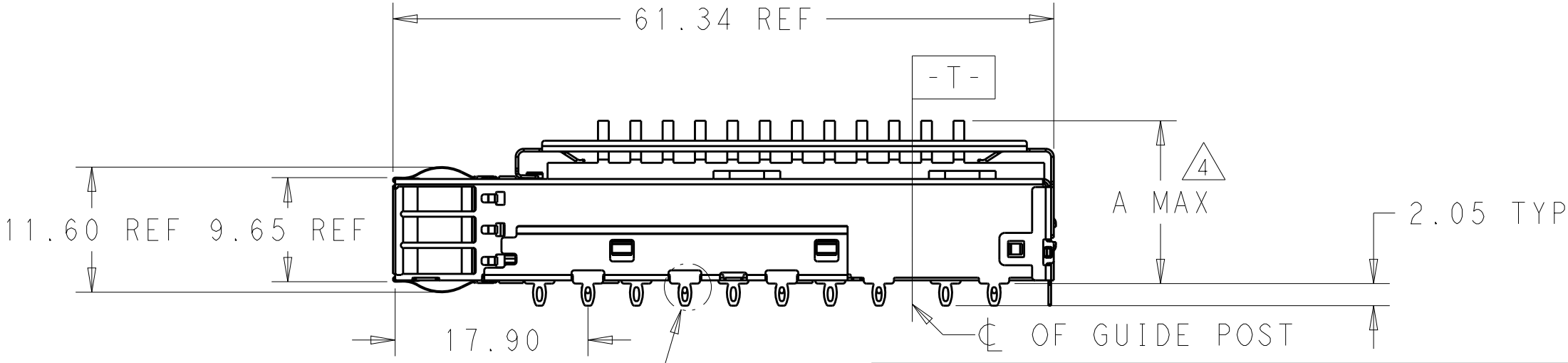
2170806-8,1-2170806-0 AS SHOWN  
SCALE 2:1

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



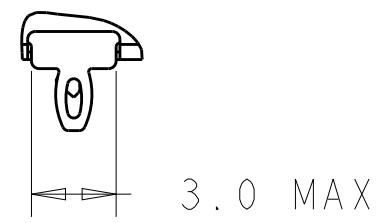
SCALE 2:1



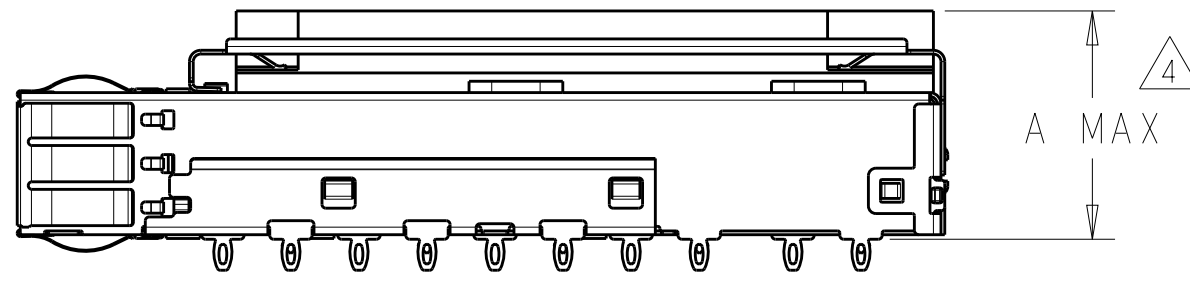
SEE DETAIL D

|       |                       |             |             |
|-------|-----------------------|-------------|-------------|
| 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<br>OPTIONAL | APPLICATION | PART NUMBER |

B



DETAIL D  
SCALE 4:1



2170806-8,1-2170806-0 AS SHOWN  
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

-

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

PRODUCT SPEC  
108-19428

APPLICATION SPEC  
114-32023

WEIGHT  
-

CUSTOMER DRAWING

SCALE 1:1

SHEET 1 OF 5

REV C

TE Connectivity

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

SIZE  
A200779

CAGE CODE  
C-2170806

DRAWING NO

RESTRICTED TO

A

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

D

D

C

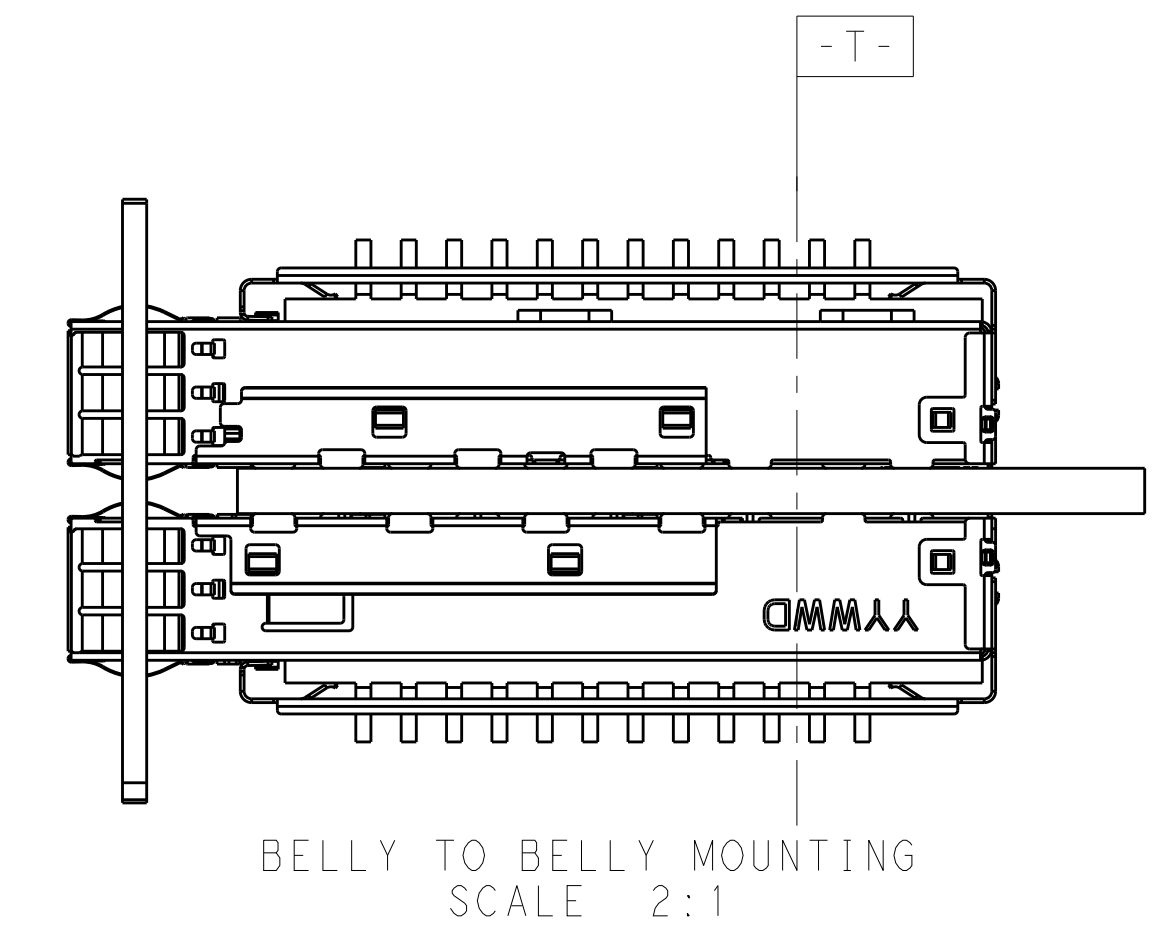
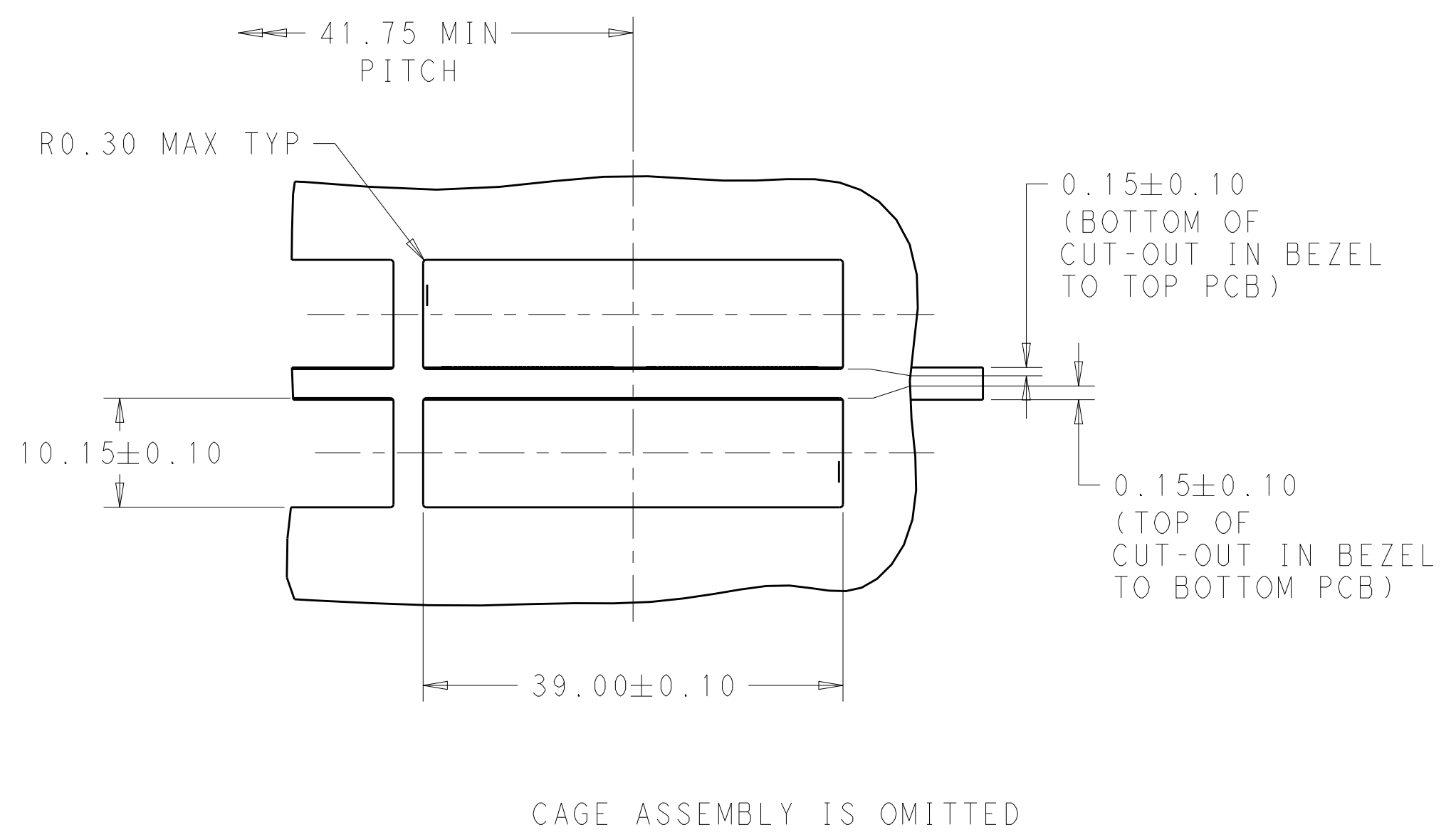
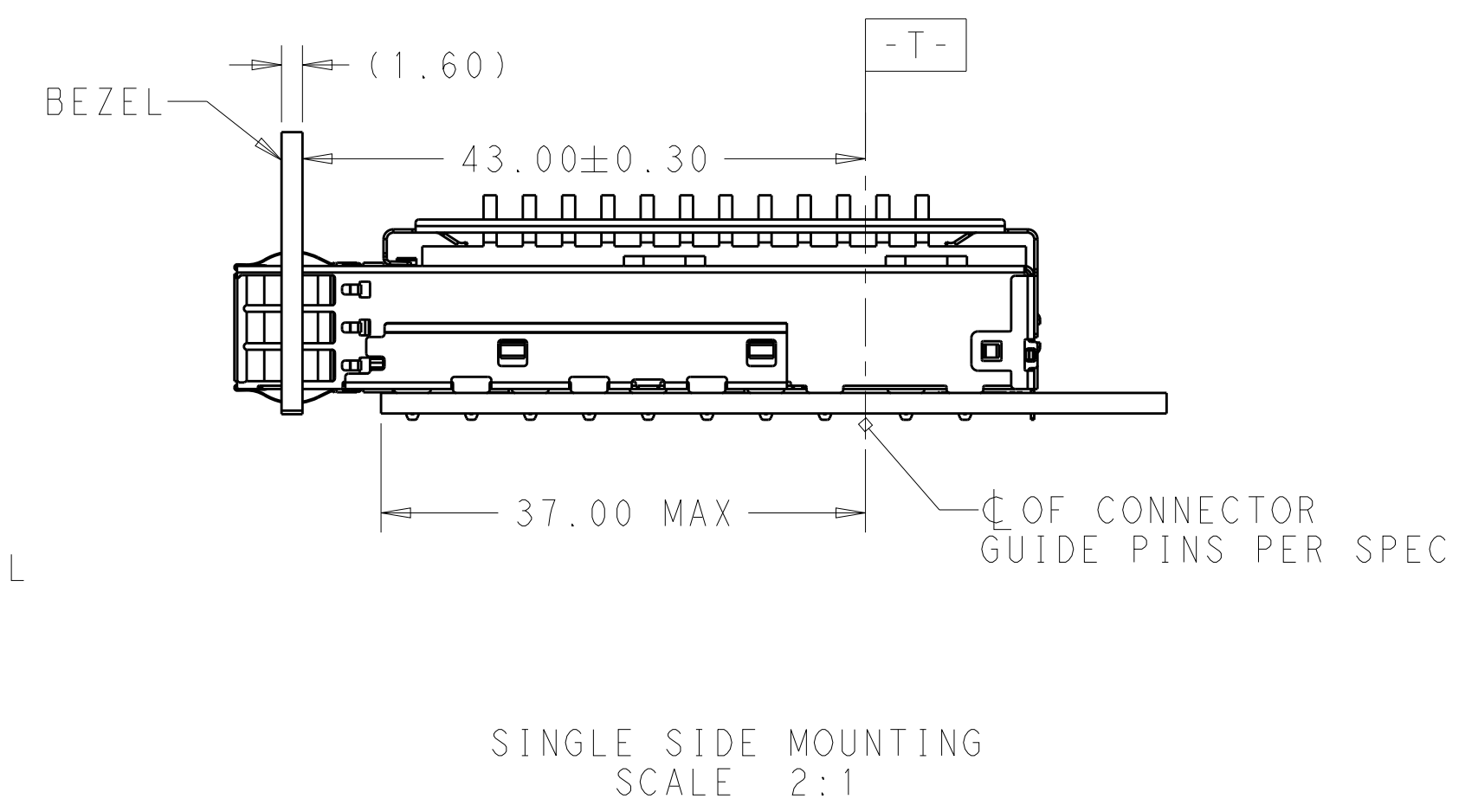
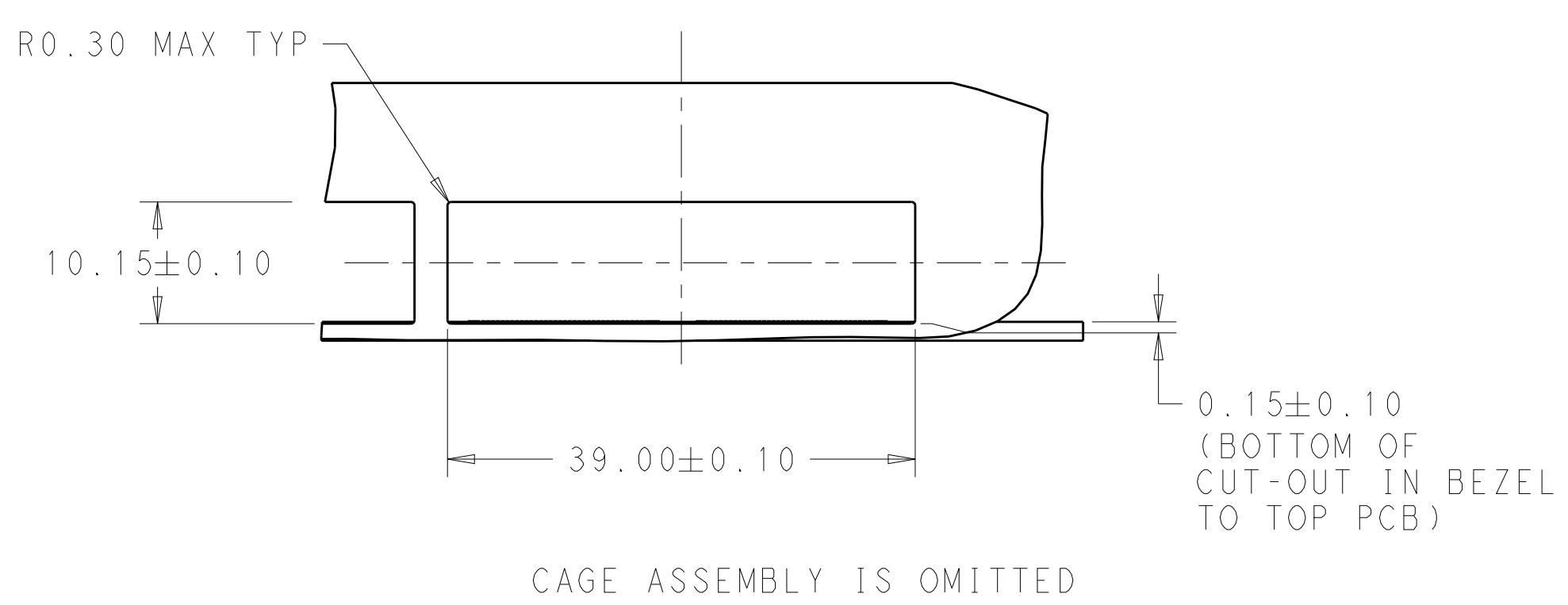
C

B

B

A

A



THIS DRAWING IS A CONTROLLED DOCUMENT.

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

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

PRODUCT SPEC

108-19428

APPLICATION SPEC

114-32023

WEIGHT

-

CUSTOMER DRAWING

SCALE 1:1

TE Connectivity

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

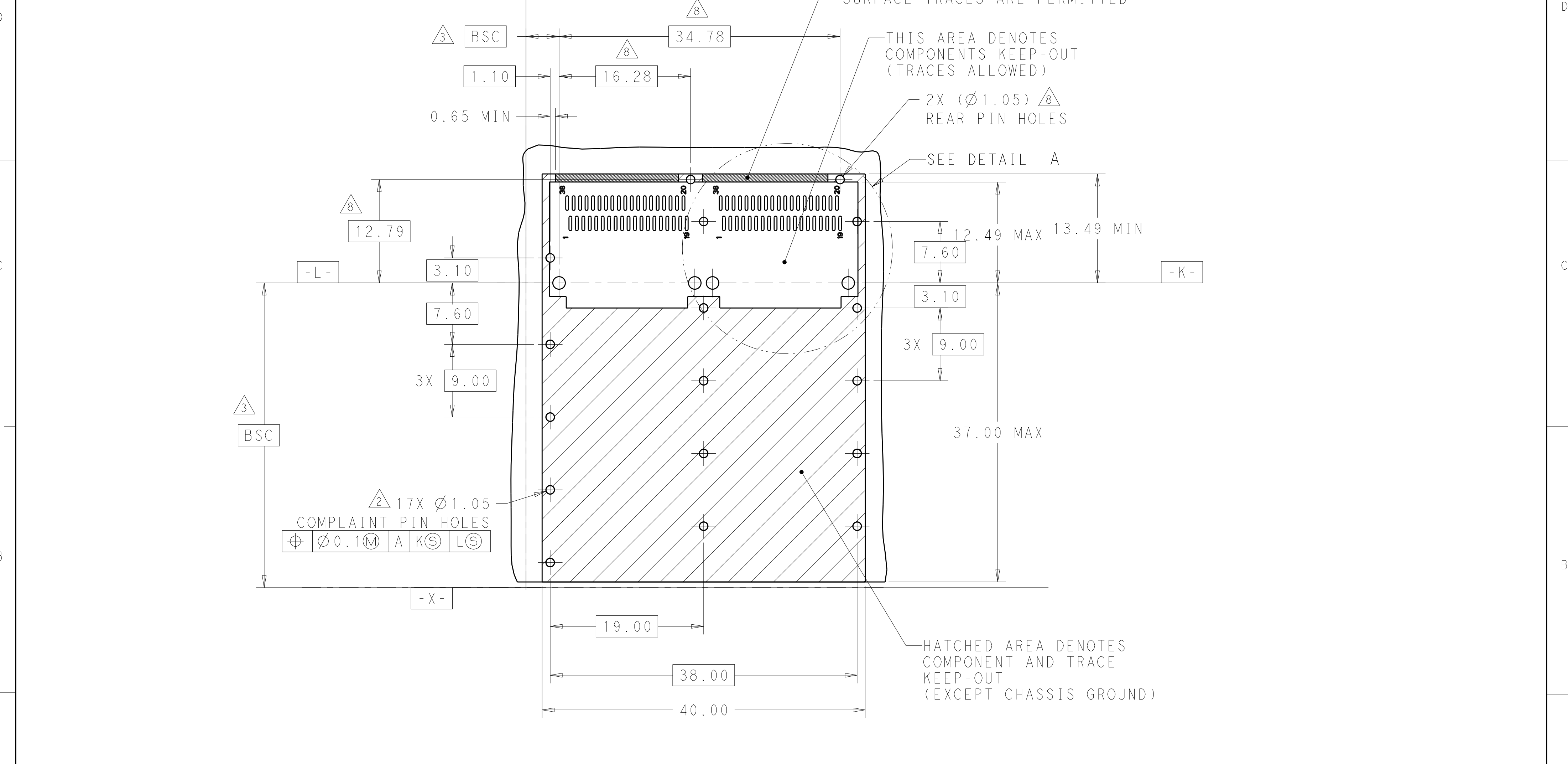
C-2170806

-

SHEET 2 OF 5

REV C

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



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

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

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

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  
3 OF 5

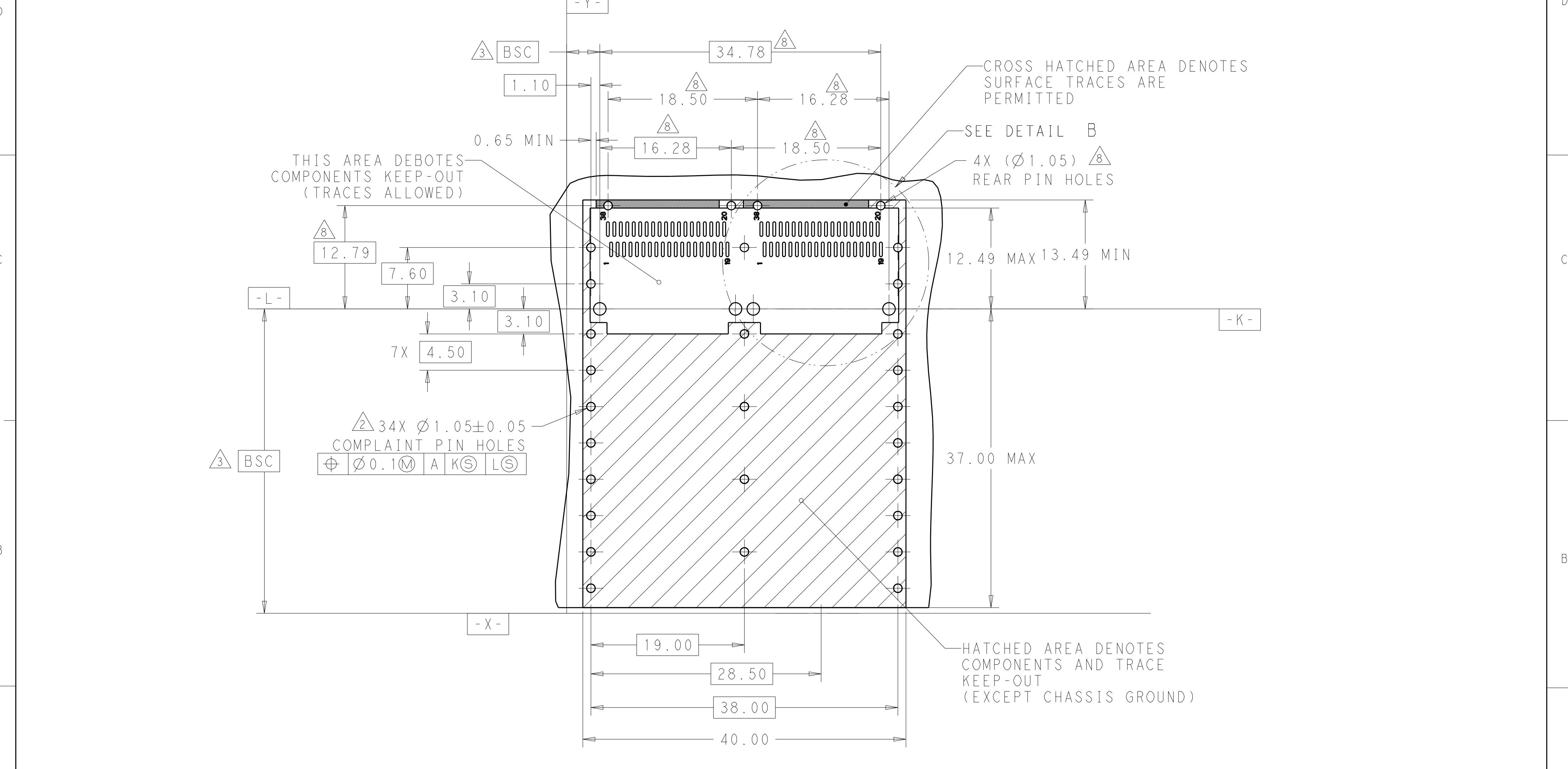
REV  
C

TE Connectivity

1471-9 (3/13)



| 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.

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

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  
A200779

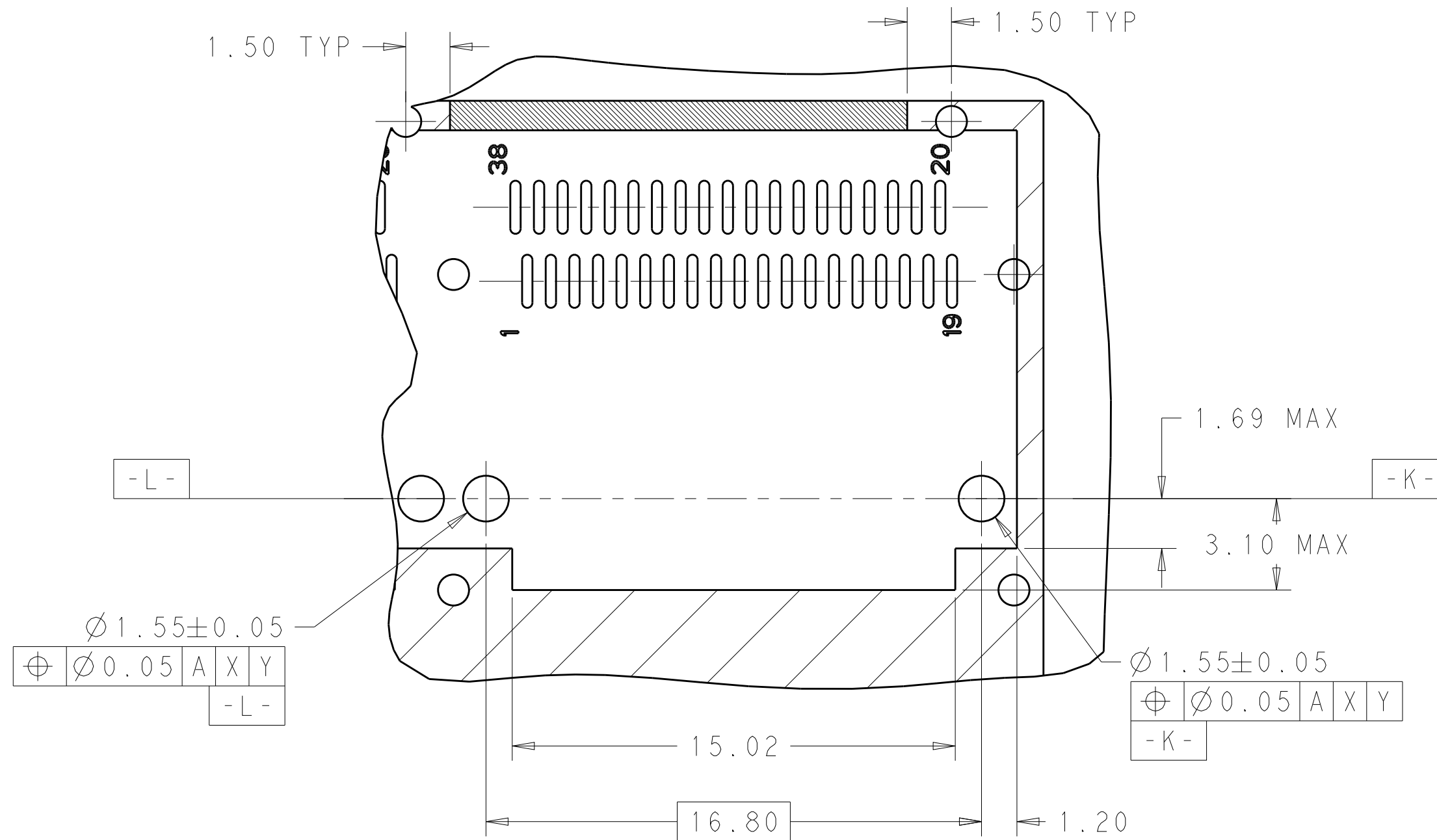
CAGE CODE  
C-2170806

DRAWING NO  
-

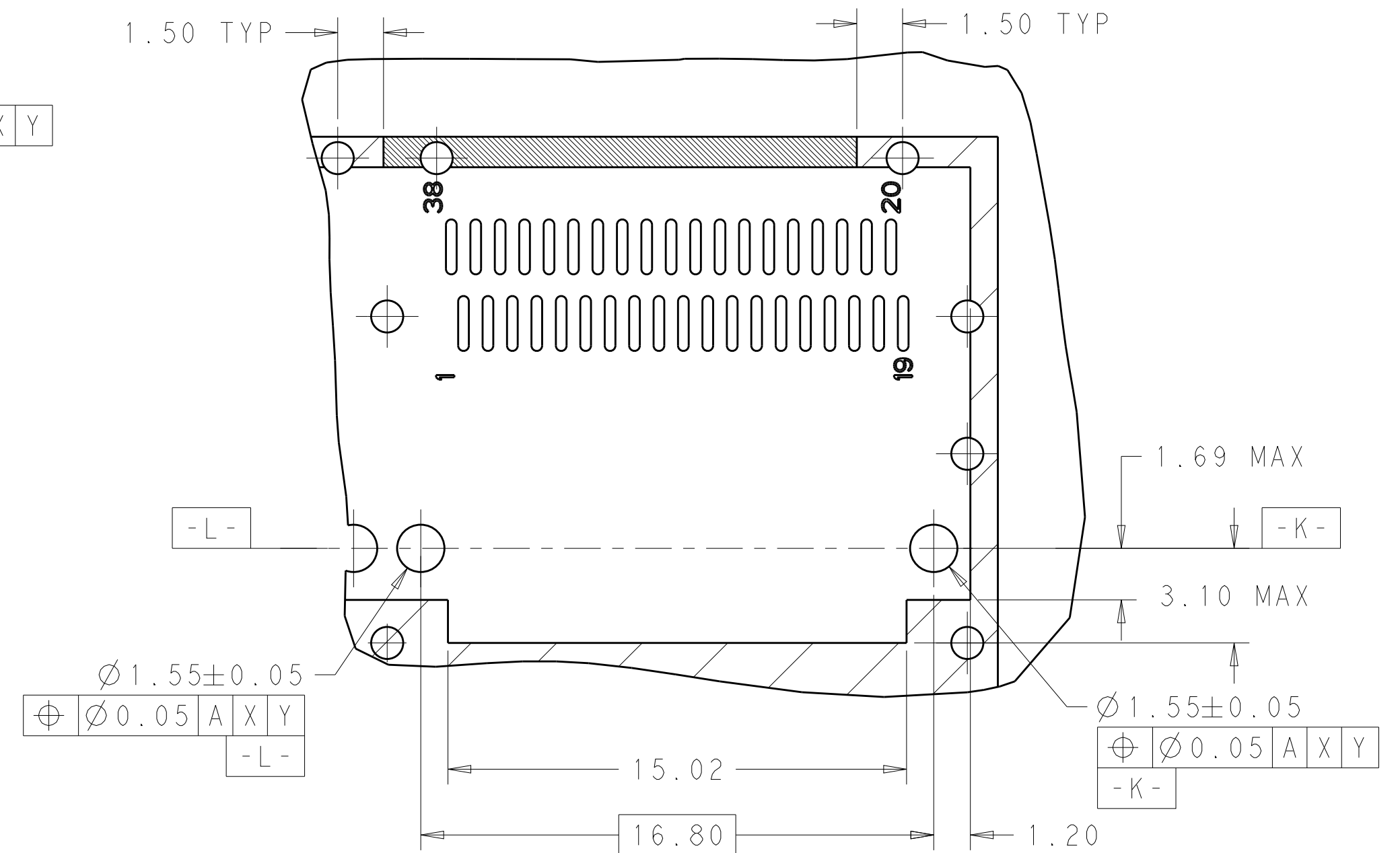
RESTRICTED TO  
-

SCALE 1:1  
SHEET 4 OF 5  
REV C

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



DETAIL A  
SCALE 6:1



DETAIL B  
SCALE 6:1

|                                                                                       |  |                                        |  |                                                                                                       |                    |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 15SEP2014<br>HANK WU               |  |  TE Connectivity |                    |
|                                                                                       |  | CHR 15SEP2014<br>JASON YANG            |  |                                                                                                       |                    |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME                                                                                                  |                    |
|  |  | APVD 02FEB2016<br>SFAN HAN             |  | RECEPTACLE CAGE ASSEMBLY<br>WITH HEAT SINKS<br>THRU BEZEL, 1X2, QSPF28                                |                    |
|                                                                                       |  | PRODUCT SPEC<br>108-19428              |  |                                                                                                       |                    |
|                                                                                       |  | APPLICATION SPEC<br>114-32023          |  |                                                                                                       |                    |
| MATERIAL<br>SEE NOTES                                                                 |  | FINISH<br>SEE NOTES                    |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779 |
|                                                                                       |  |                                        |  | DRAWING NO<br>C-2170806                                                                               | RESTRICTED TO<br>- |
|                                                                                       |  | WEIGHT<br>-                            |  | SCALE<br>1:1                                                                                          | SHEET<br>5 OF 5    |
|                                                                                       |  | CUSTOMER DRAWING                       |  | REV<br>C                                                                                              |                    |

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