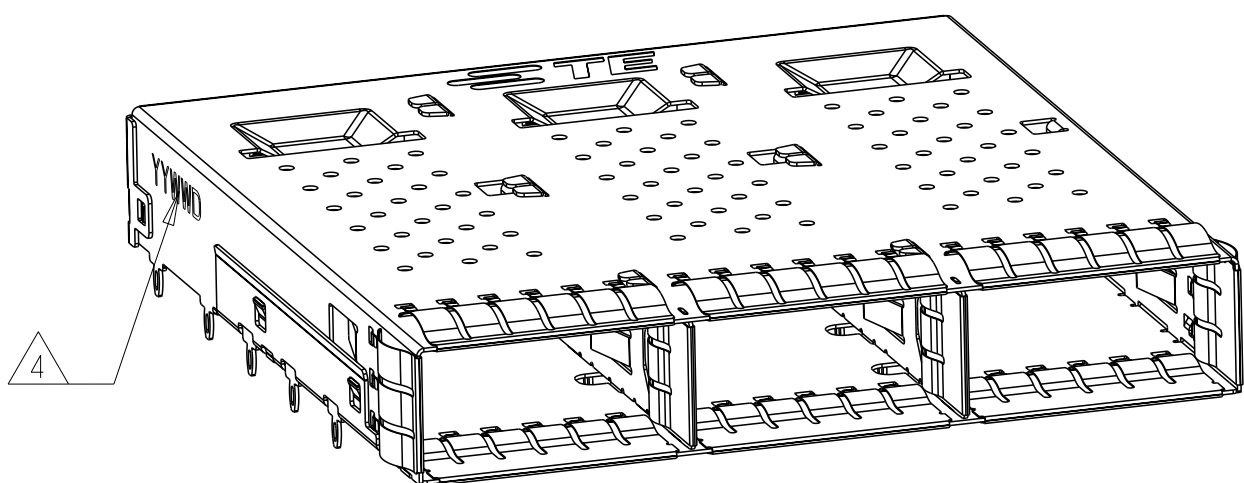
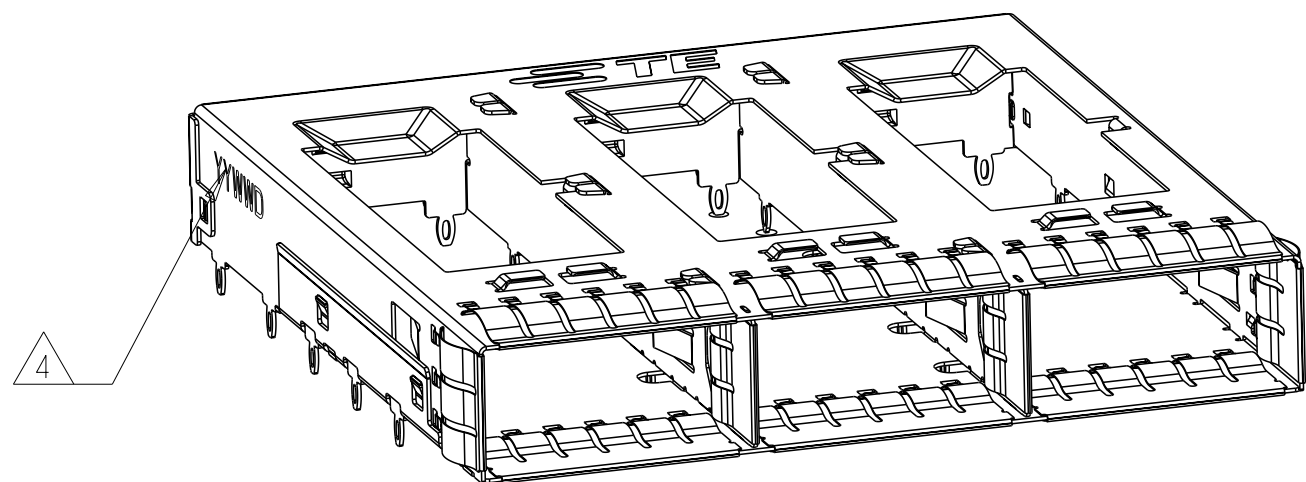


D



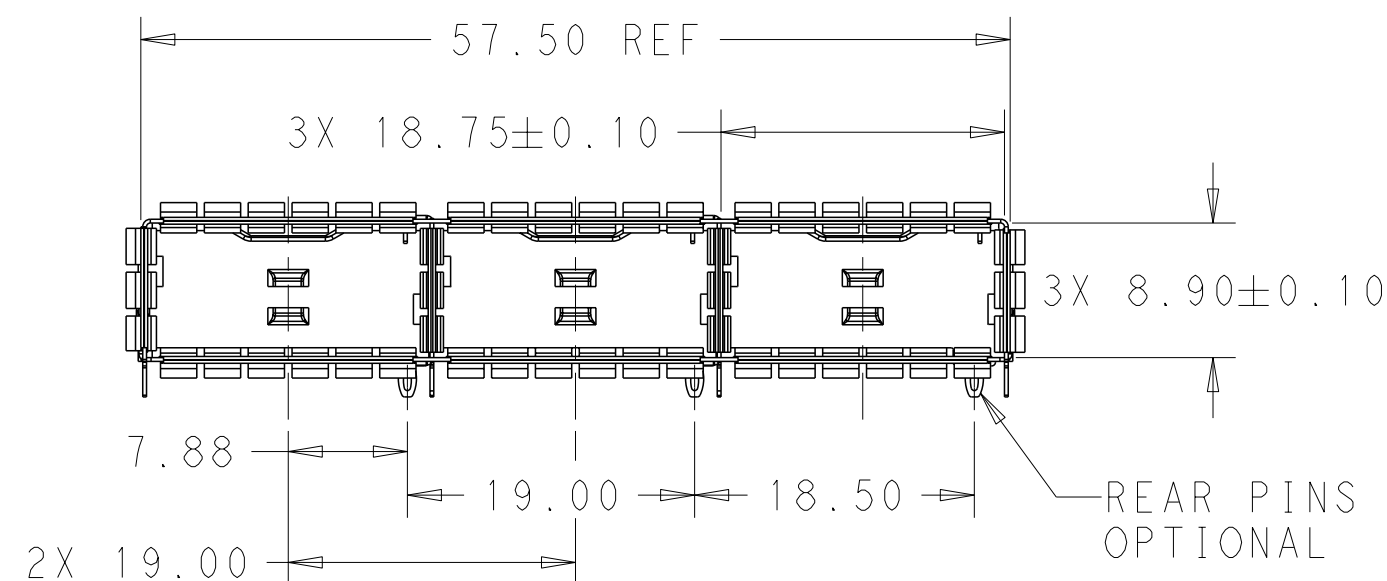
2170737-1, -4 AS SHOWN  
SCALE 2:1

C

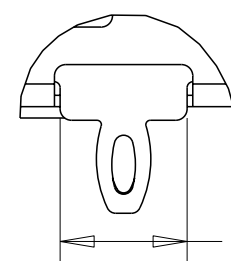


2170737-2, -5 AS SHOWN  
SCALE 2:1

B

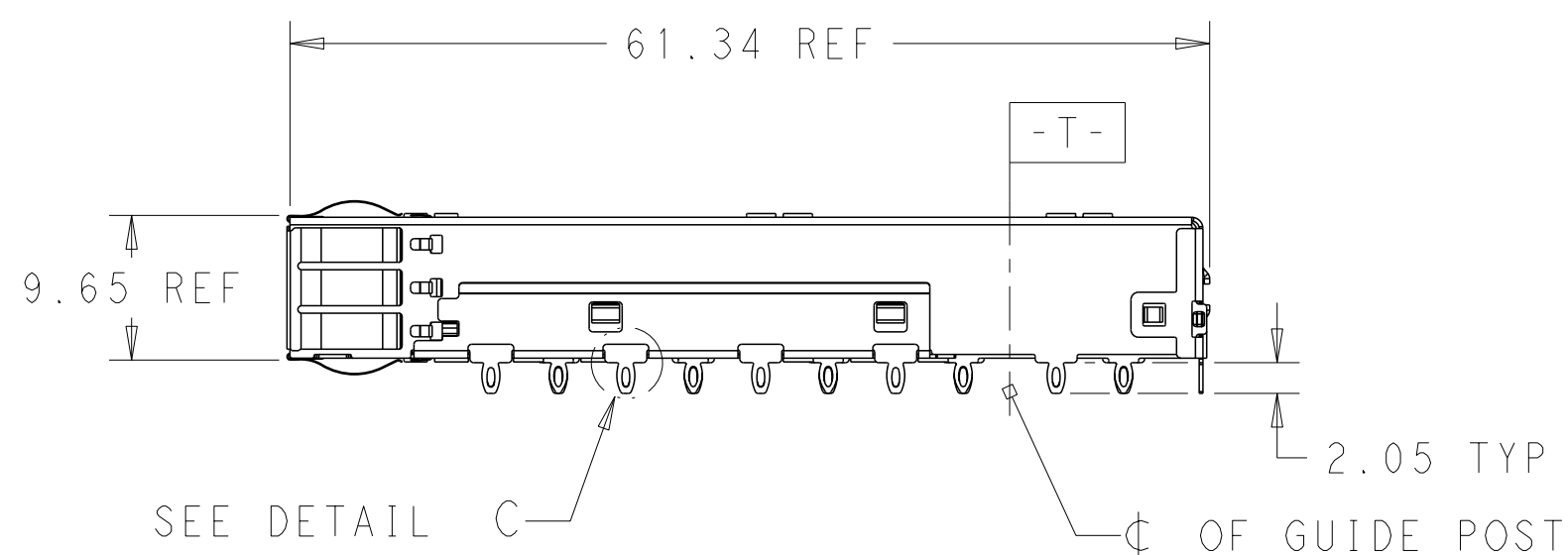


SCALE 2:1



DETAIL C  
SCALE 6:1

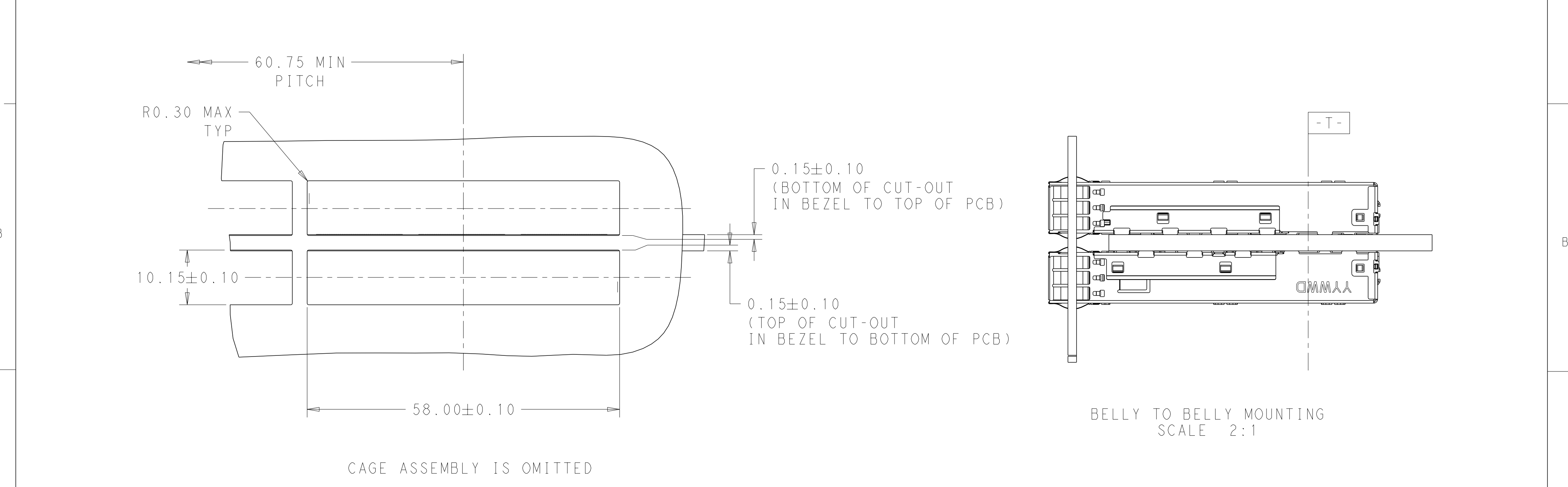
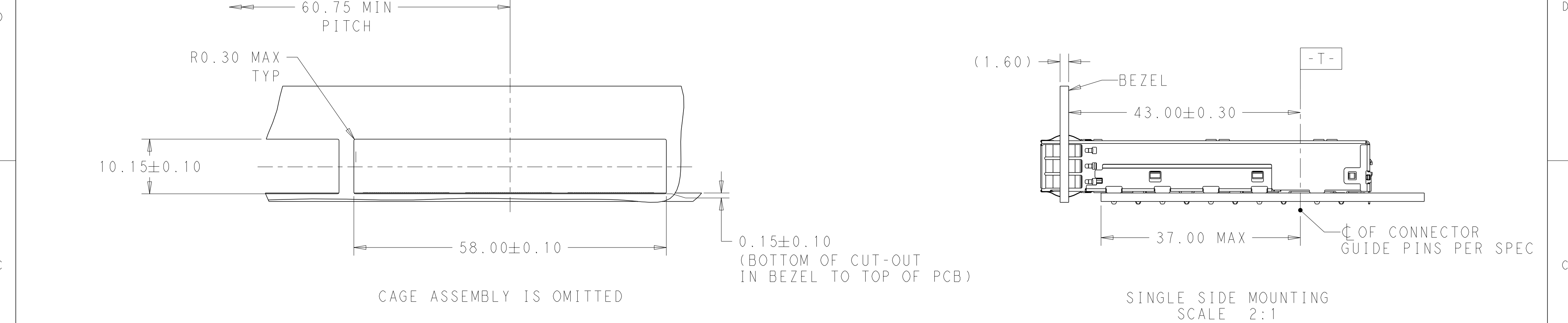
- COMPONENTS  
CAGE ASSEMBLY: NICKEL-SILVER ALLOY  
EMI SPRING: COPPER ALLOY/NICKEL PLATE
- REFERENCE APPLICATION SPECIFICATION 114-32023  
FOR RECOMMENDED DRILL HOLE DIAMETER AND  
PLATING THICKNESS
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
- DATE CODE (YYWW) MARKED APPROXIMATELY AS SHOWN.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN  
DOUBLE SIDED: 2.20 MIN
- DATUM **-A-** IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.



|                      |                            |             |
|----------------------|----------------------------|-------------|
| WITHOUT              | WITH                       | 2170737-5   |
| WITHOUT              | WITHOUT                    | 2170737-4   |
| WITH                 | WITH                       | 2170737-2   |
| WITH                 | WITHOUT                    | 2170737-1   |
| REAR PIN<br>OPTIONAL | HEAT SINK OPEN<br>OPTIONAL | PART NUMBER |

|                                                            |  |                             |                                                                                                       |  |  |
|------------------------------------------------------------|--|-----------------------------|-------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                     |  | DWN 11APR2014<br>BING LIU   |  TE Connectivity |  |  |
| DIMENSIONS:<br>mm                                          |  | CHK 11APR2014<br>JASON YANG |                                                                                                       |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                     |  | APVD 11MAR2016<br>SEAN HAN  | NAME RECEPTACLE CAGE ASSEMBLY<br>THRU BEZEL, 1X3, QSFP28                                              |  |  |
| 0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.2<br>3 PLC ±<br>4 PLC ± |  | PRODUCT SPEC 108-19428      | SIZE CAGE CODE DRAWING NO RESTRICTED TO                                                               |  |  |
| MATERIAL SEE NOTES                                         |  | APPLICATION SPEC 114-32023  | A200779C-2170737                                                                                      |  |  |
| FINISH SEE NOTES                                           |  | WEIGHT -                    | SCALE 1:1 SHEET 1 OF 5 REV A                                                                          |  |  |
|                                                            |  | CUSTOMER DRAWING            |                                                                                                       |  |  |

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
BING LIU  
11APR2014

CHK  
JASON YANG  
11APR2014

APVD  
SEAN HAN  
11MAR2016

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

TE Connectivity

NAME  
RECEPTACLE CAGE ASSEMBLY  
THRU BEZEL, 1X3, QSFP28

SIZE  
A200779

CAGE CODE  
C-2170737

DRAWING NO

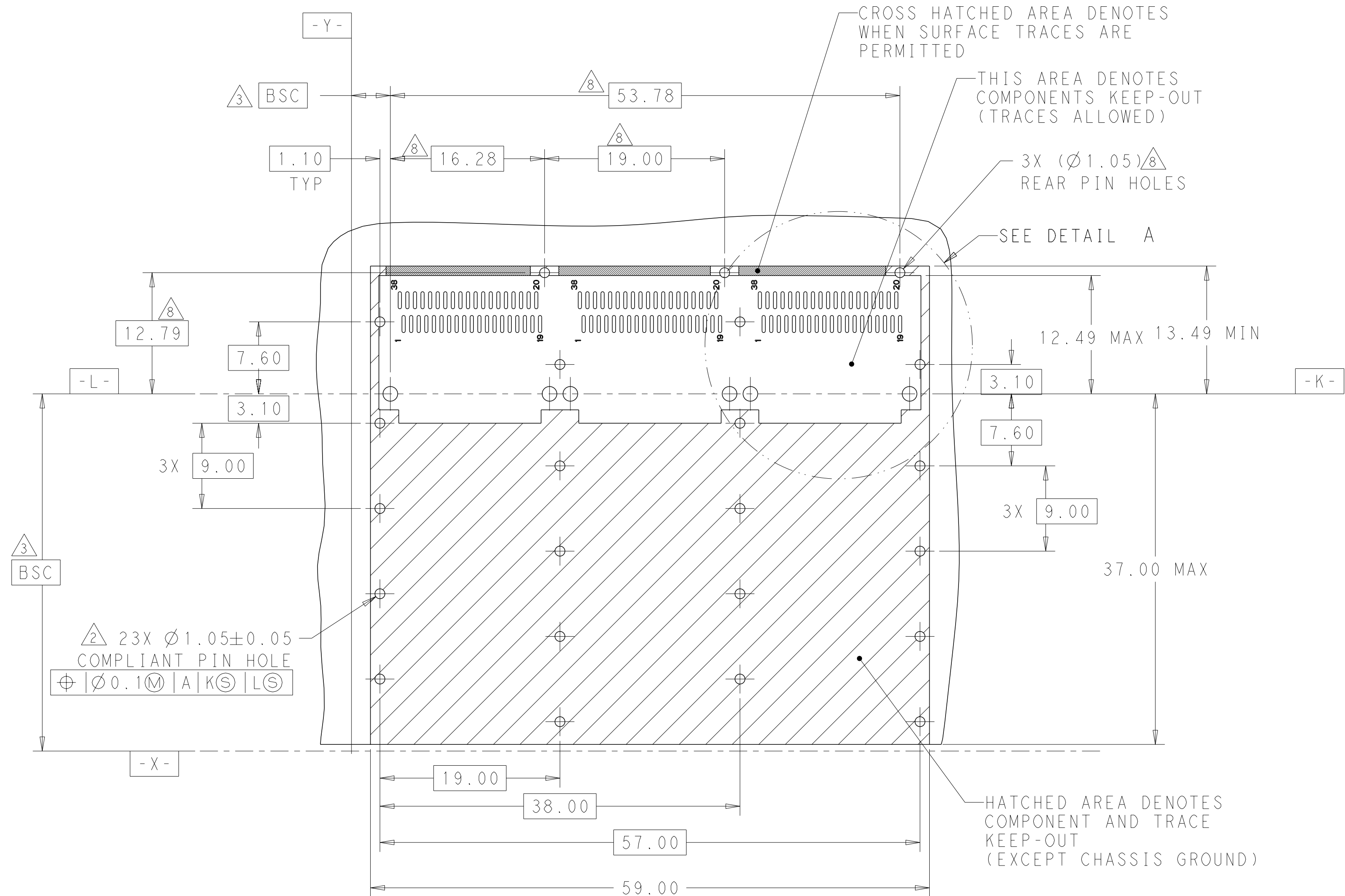
RESTRICTED TO  
-

SCALE  
1:1

SHEET  
2 OF 5

REV  
A

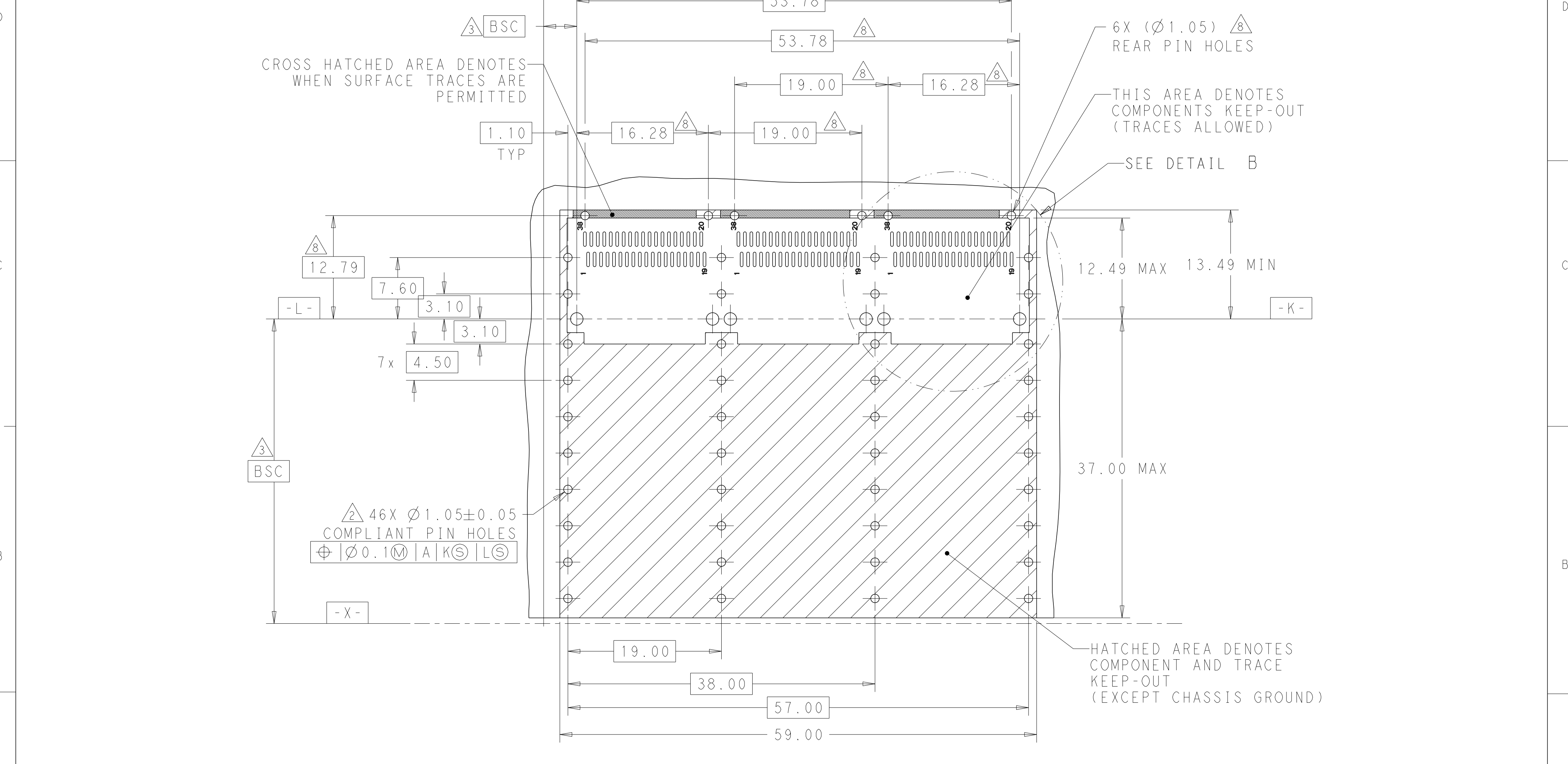
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   | -   | SEE SHEET 1 | -    | -   | -    |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |



RECOMMENDED PCB LAYOUT  
SINGLE TYPE  
PCB TOLERANCE:  $\pm 0.05$   
SCALE 3:1

|                                                                                       |  |                                                                                                                  |  |                                                                                                       |                    |
|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN 11APR2014<br>BING LIU                                                                                        |  |  TE Connectivity |                    |
|                                                                                       |  | CHR 11APR2014<br>JASON YANG                                                                                      |  |                                                                                                       |                    |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.2<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |  | NAME<br>RECEPTACLE CAGE ASSEMBLY<br>THRU BEZEL, 1X3, QSFP28                                           |                    |
|  |  | APVD 11MAR2016<br>SEAN HAN<br>PRODUCT SPEC<br>108-19428                                                          |  |                                                                                                       |                    |
|                                                                                       |  | APPLICATION SPEC<br>114-32023                                                                                    |  |                                                                                                       |                    |
| MATERIAL<br>SEE NOTES<br>-                                                            |  | FINISH<br>SEE NOTES<br>-                                                                                         |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779 |
|                                                                                       |  | WEIGHT<br>-                                                                                                      |  | DRAWING NO<br>C-2170737                                                                               | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                  |  | SCALE 1:1                                                                                             | SHEET 3 OF 5       |
|                                                                                       |  |                                                                                                                  |  | 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.

DIMENSIONS:  
mm

MATERIAL  
SEE NOTES

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.25

1 PLC ±0.2

2 PLC ±0.2

3 PLC ±0.2

4 PLC ±0.2

ANGLES ±0.2

FINISH SEE NOTES

DWN BING LIU 11APR2014

CHK JASON YANG 11APR2014

APVD SEAN HAN 11MAR2016

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

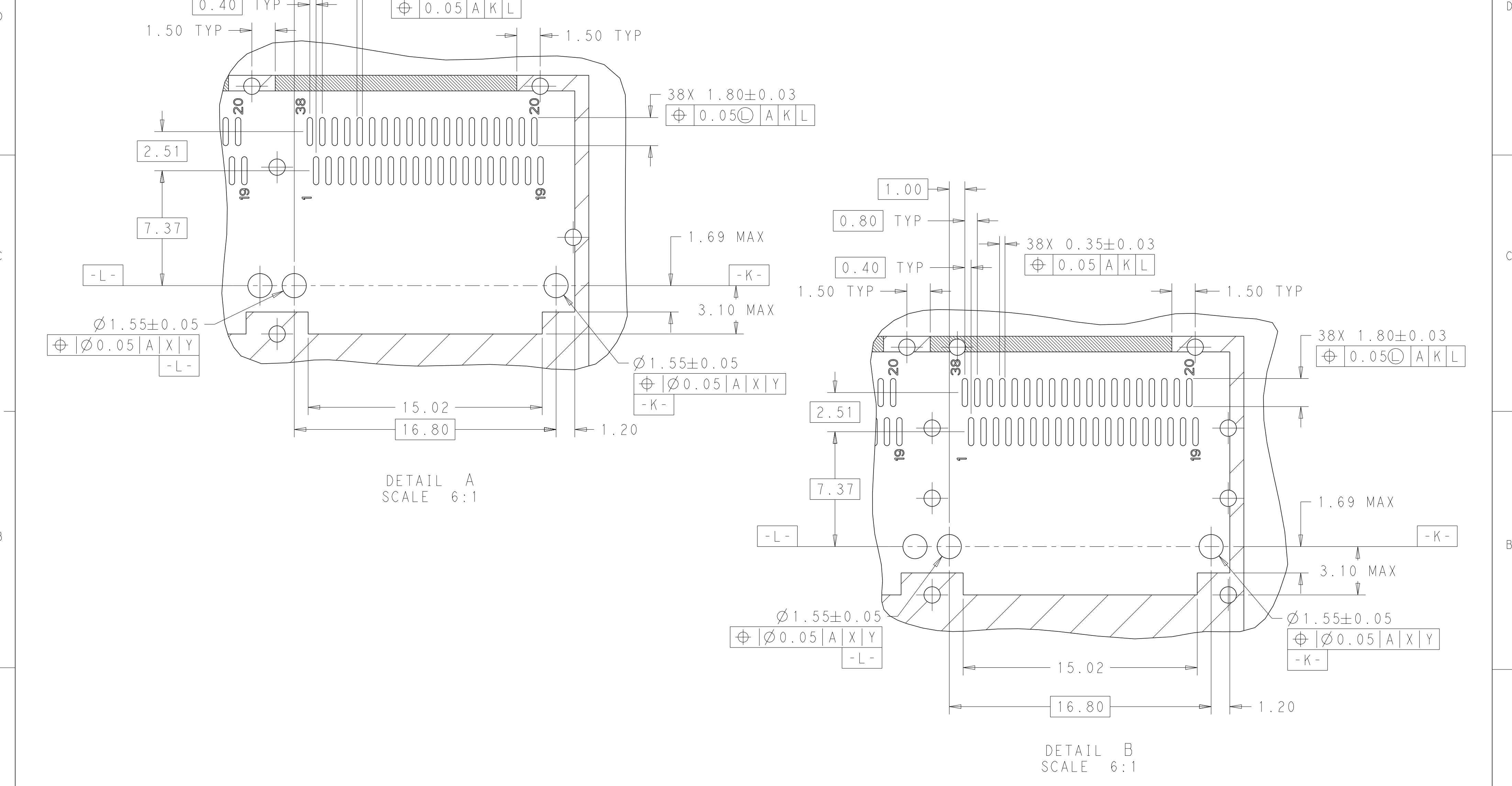
NAME RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X3, QSFP28

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A200779C-2170737

SCALE 1:1 SHEET 4 OF 5 REV A

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 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 11APR2014

CHK JASON YANG 11APR2014

APVD SEAN HAN 11MAR2016

PRODUCT SPEC 108-19428

APPLICATION SPEC 114-32023

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

RECEPTACLE CAGE ASSEMBLY THRU BEZEL, 1X3, QSFP28

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C=2170737

-

-

SCALE 1:1

SHEET 5 OF 5

REV A

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