



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

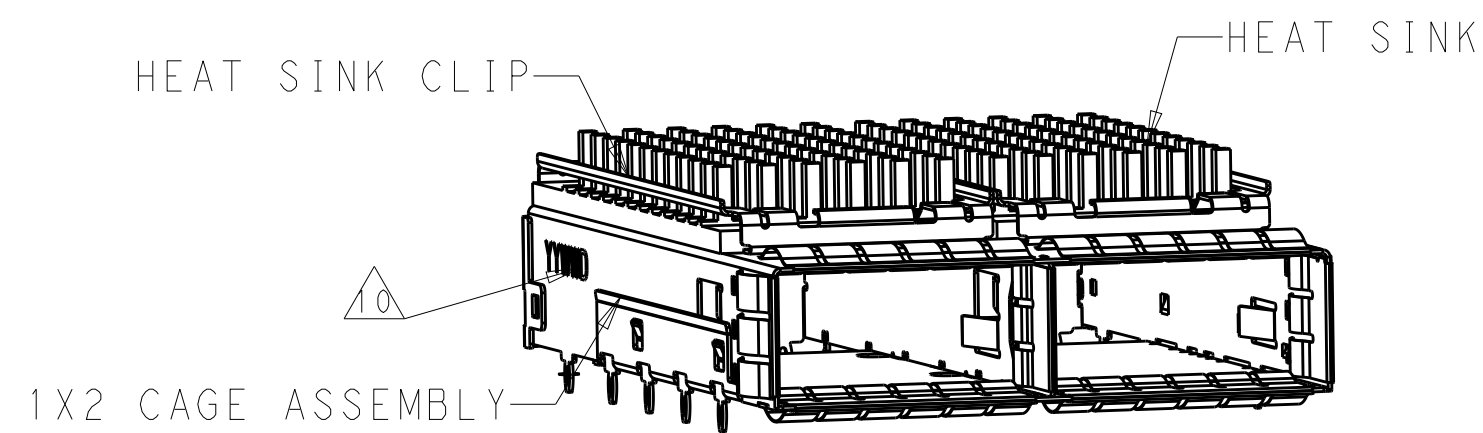
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

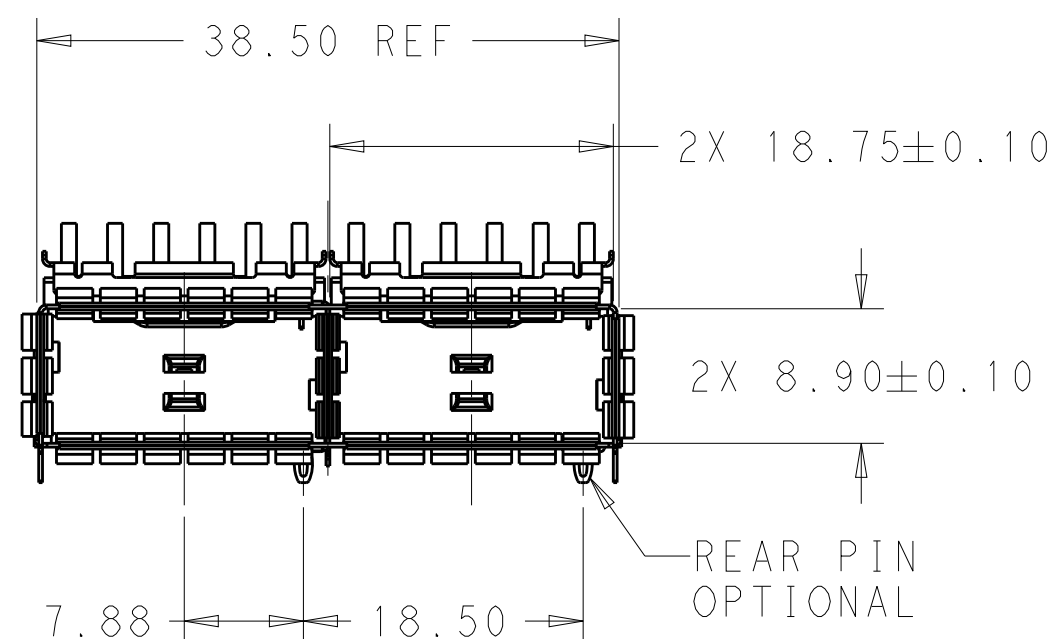


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|------------------------------|------|--------------------------|--|----|
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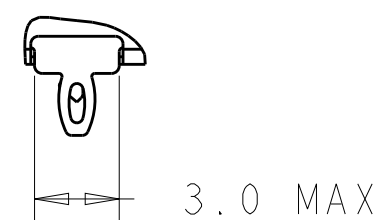
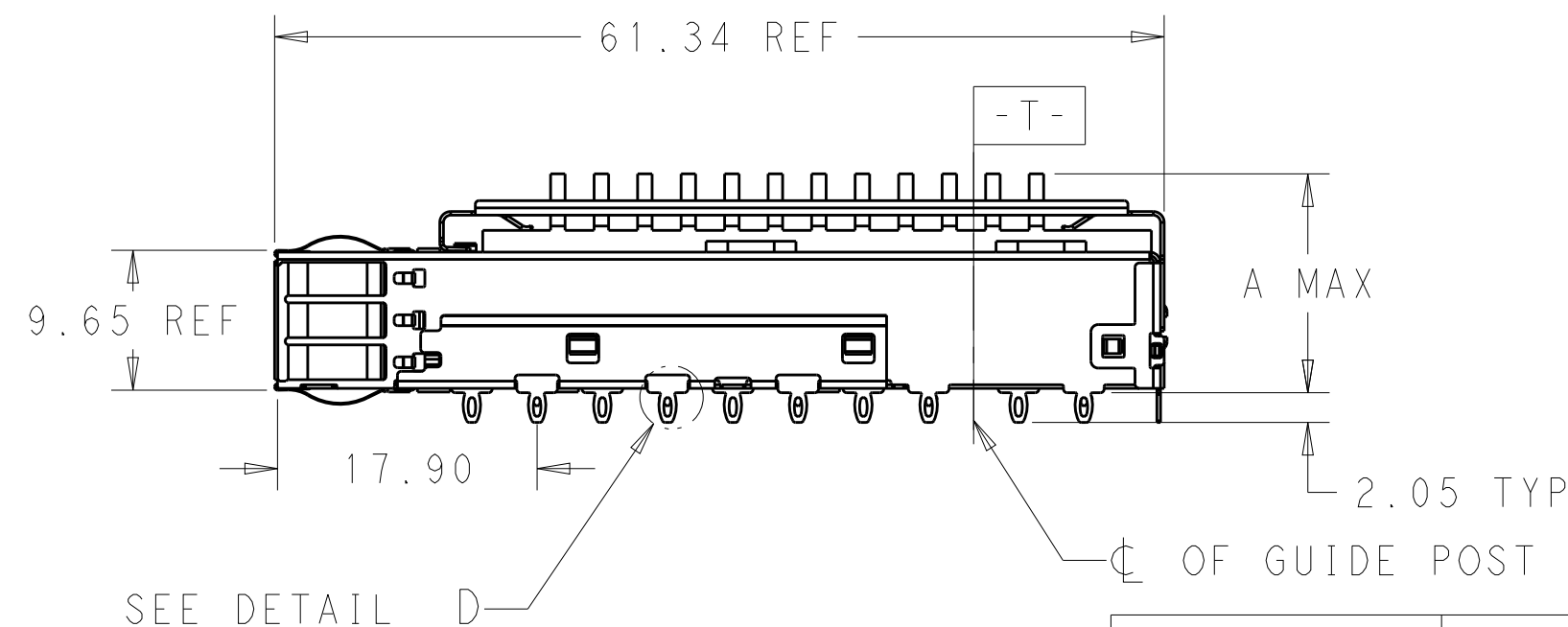
| REVISIONS | | | | | |
|-----------|-----|-----------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A | INITIAL RELEASE | 02FEB2016 | JY | SH |
| | | | | | |
| | | | | | |
| | | | | | |



2170806-2 AS SHOWN
SCALE 2:1



SCALE 2:1



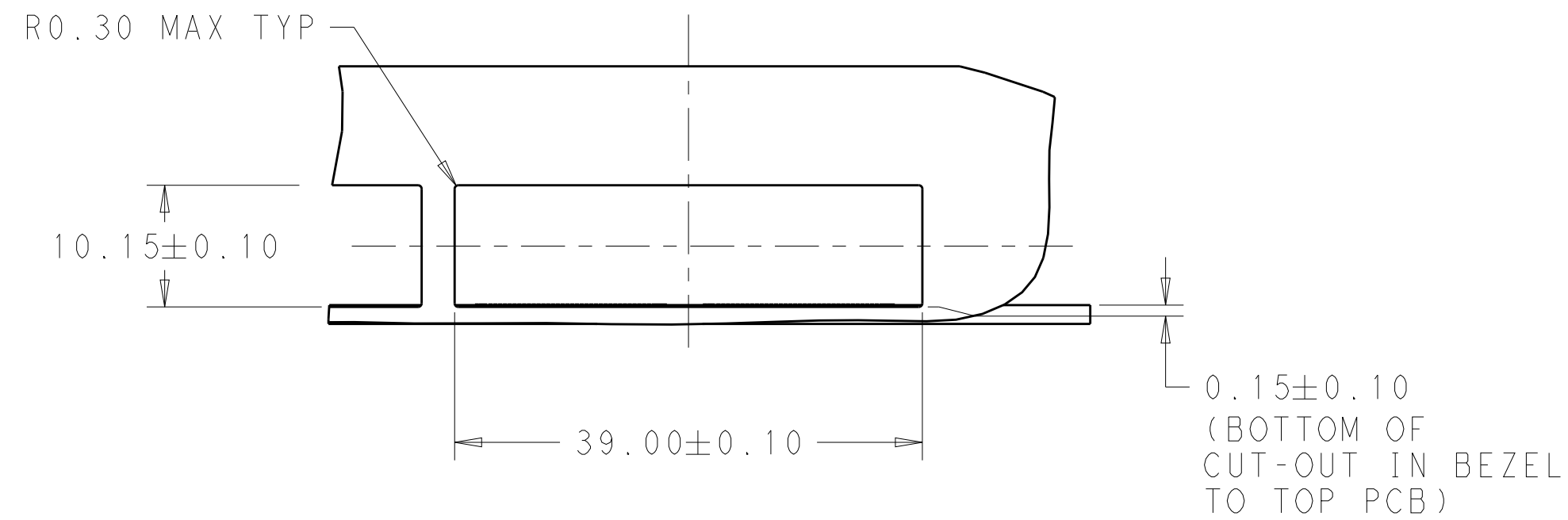
DETAIL D
SCALE 4:1

- COMPONENTS
CAGE ASSEMBLY: NICKEL-SILVER ALLOY
HEAT SINK: ALUMINUM/BLACK ANODIZE
HEAT SINK CLIP: STAINLESS STEEL
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
- DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
- HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES
ARE SHIPPED ASSEMBLED ON CAGE
- MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
DOUBLE SIDED: 3.00 MIN
- DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
- THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
- MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
- DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.

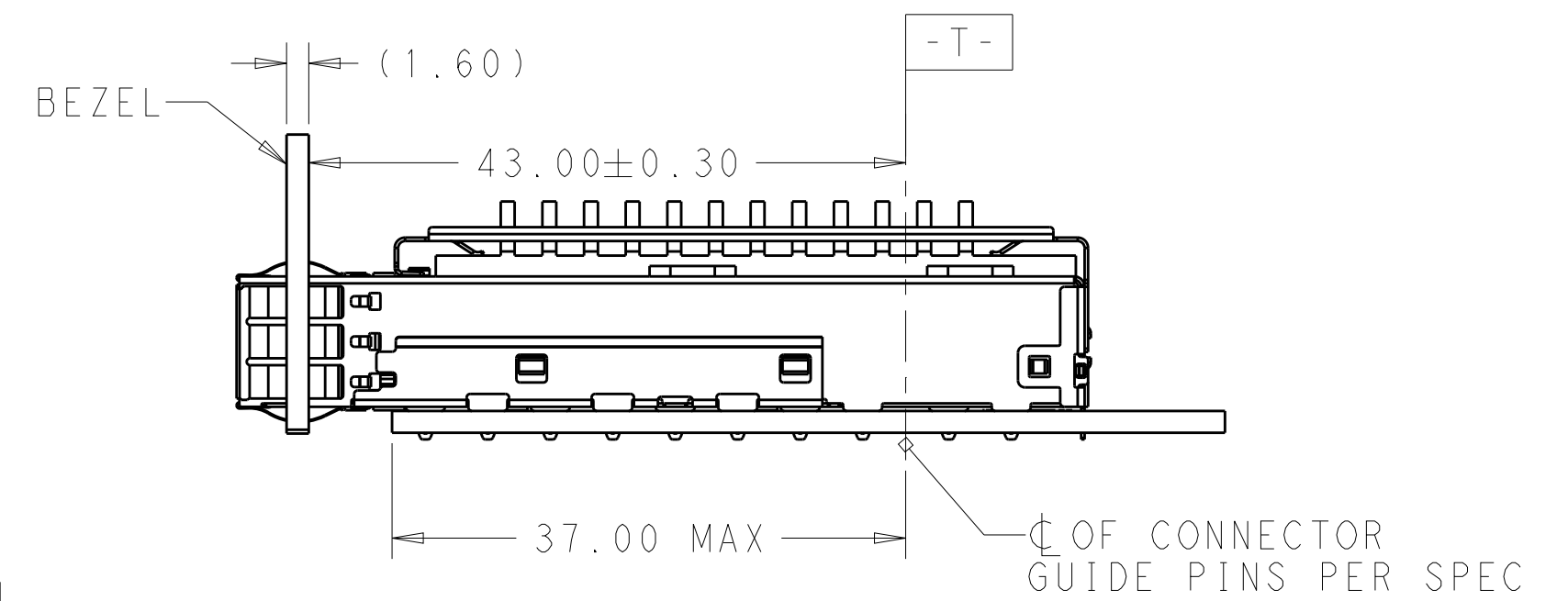
| | | | |
|-------|-----------------------|-------------|-------------|
| 23.0 | WITHOUT | NETWORKING | 2170806-6 |
| 16.0 | WITHOUT | SAN | 2170806-5 |
| 13.7 | WITHOUT | PCI | 2170806-4 |
| 23.0 | WITH | NETWORKING | 2170806-3 |
| 16.0 | WITH | SAN | 2170806-2 |
| 13.7 | WITH | PCI | 2170806-1 |
| DIM A | REAR PINS OPTIONAL | APPLICATION | PART NUMBER |

| | | | | |
|----------------------------------------|-------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN HANK WU 15SEP2014 CHK JASON YANG 15SEP2014 APVD SEAN HAN 02FEB2016 | TE Connectivity | |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT - | NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X2, QSFP28 | |
| MATERIAL SEE NOTES | FINISH SEE NOTES | CUSTOMER DRAWING | SIZE A2 | RESTRICTED TO - |
| | | SCALE 1:1 | SHEET 1 OF 5 | REV A |

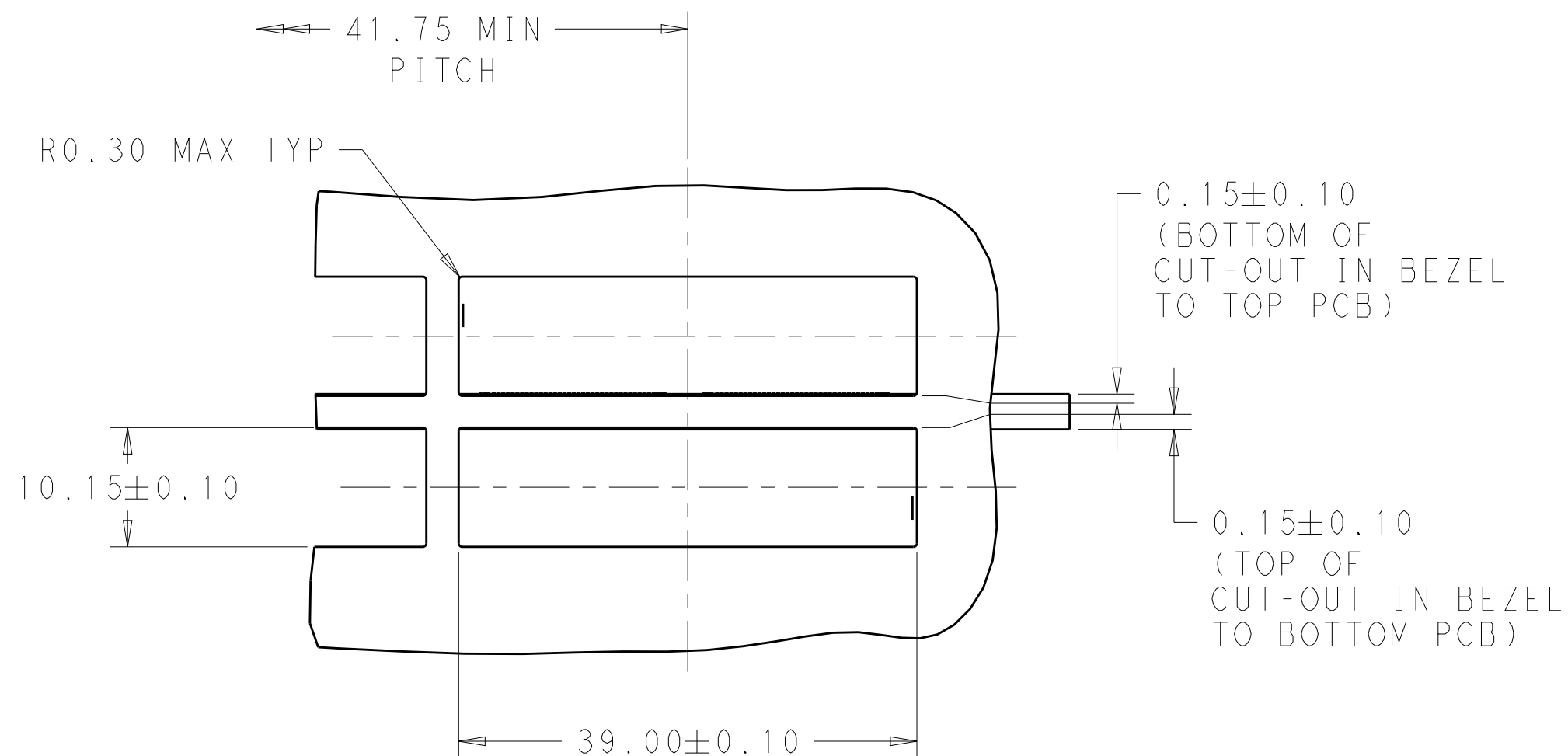
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
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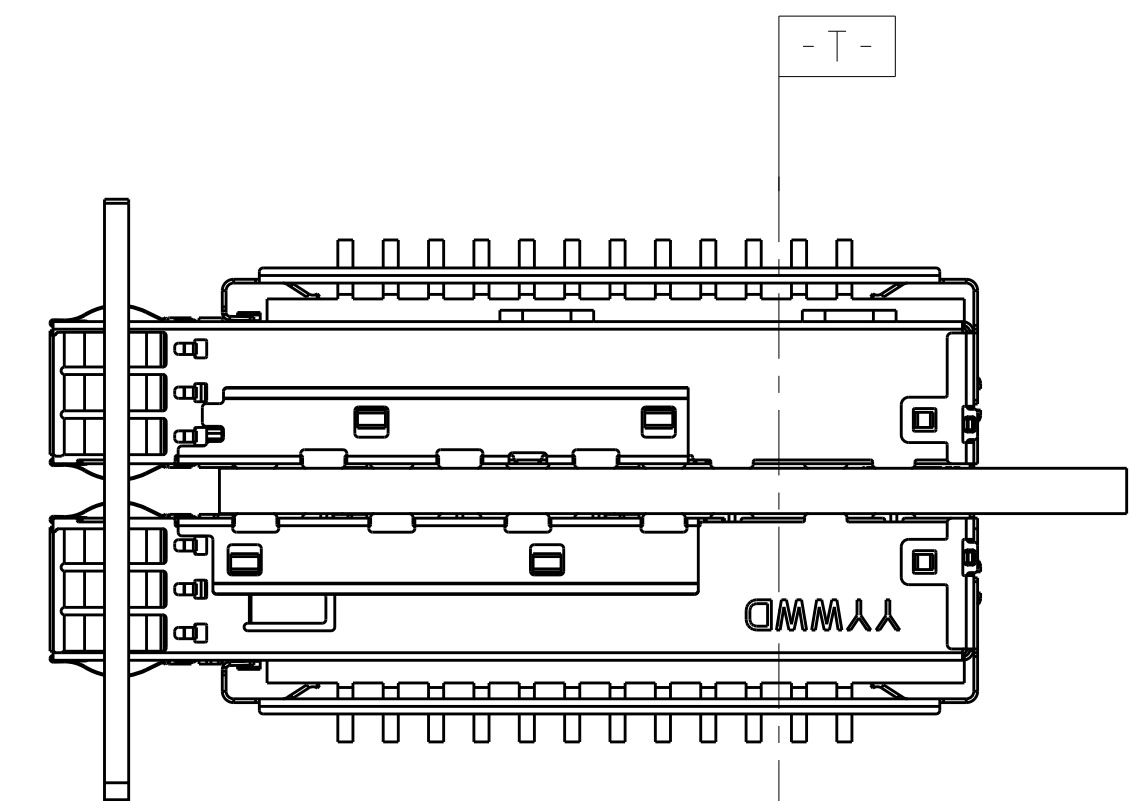
CAGE ASSEMBLY IS OMITTED





SINGLE SIDE MOUNTING
SCALE 2:1



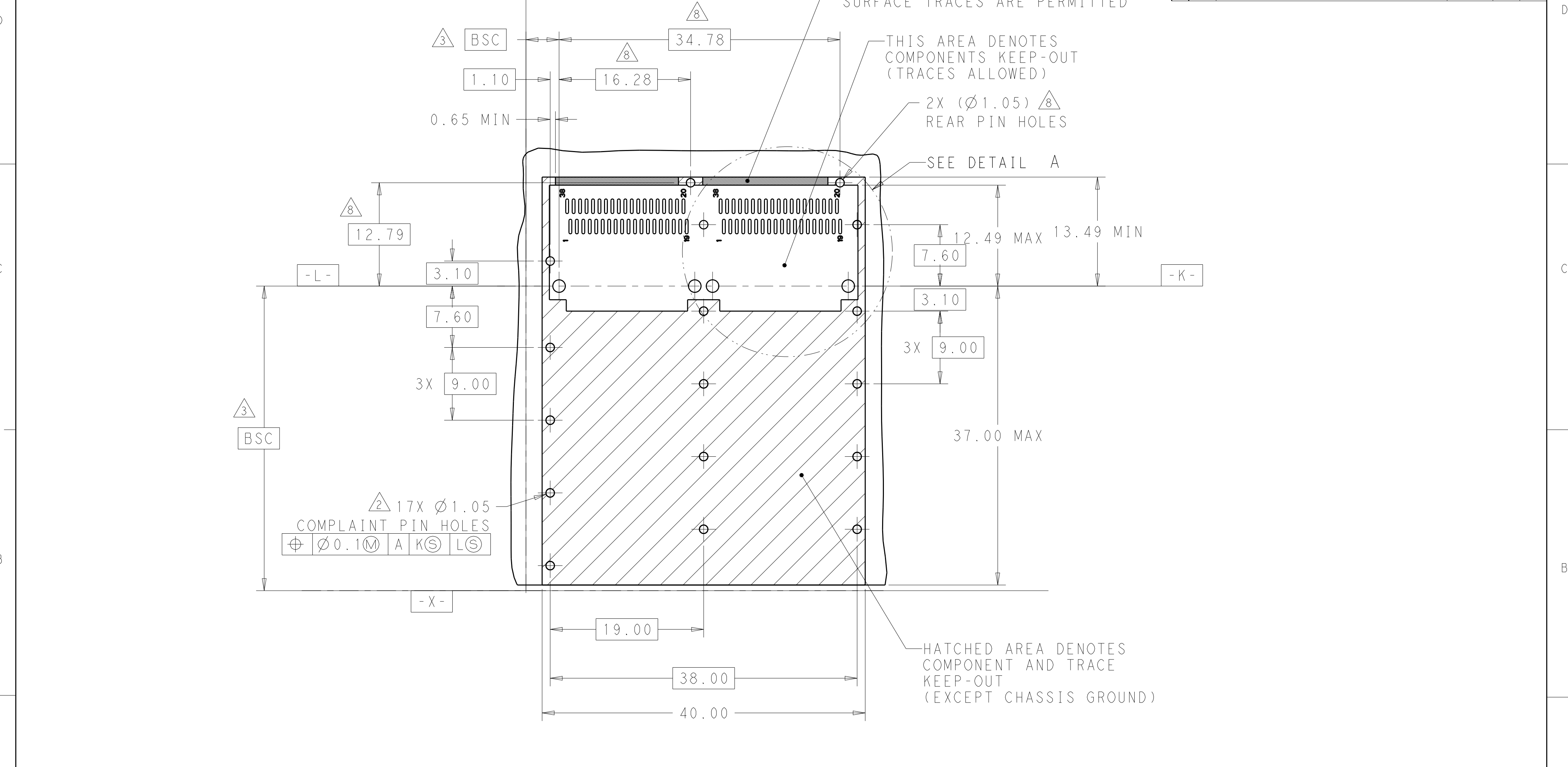
CAGE ASSEMBLY IS OMITTED



BELLY TO BELLY MOUNTING
SCALE 2:1

| | | | | | |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN HANK WU 15SEP2014 | |  TE Connectivity | |
| | | CHR JASON YANG 15SEP2014 | | | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X2, QSPF28 | |
|  | | APVD SFAN HAN 02FEB2016 PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 | | | |
| MATERIAL SEE NOTES - | | FINISH SEE NOTES - | | SIZE A2 | CAGE CODE 00779 |
| | | WEIGHT - | | DRAWING NO C-2170806 | RESTRICTED TO - |
| | | CUSTOMER DRAWING | | SCALE 1:1 | SHEET 2 of 5 |
| | | | | REV A | |

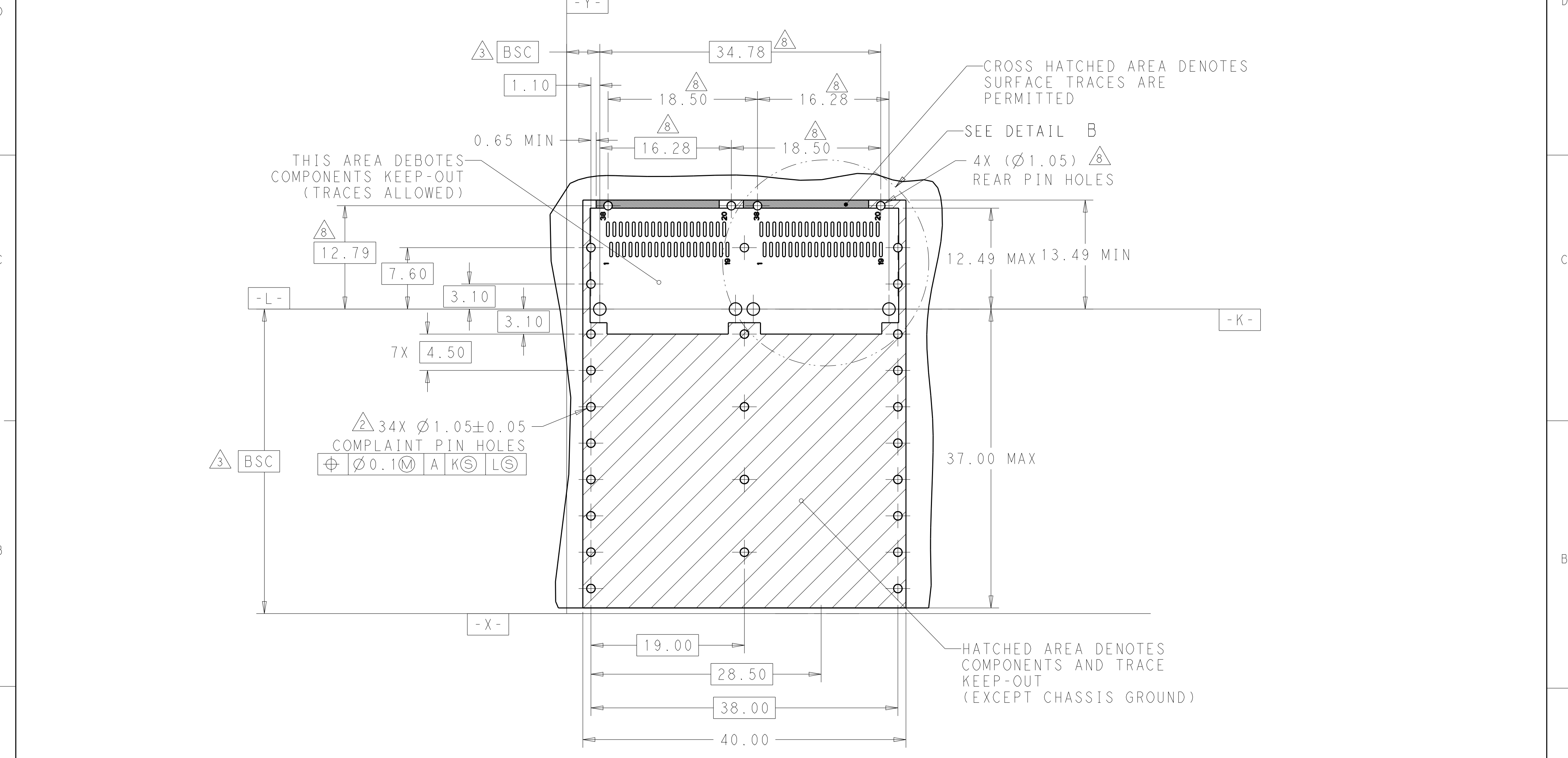
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |
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RECOMMENDED PCB LAYOUT
SINGLE TYPE
PCB TOLERANCE: ± 0.05
SCALE 3:1

| | | | | |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN HANK WU 15SEP2014 CHK JASON YANG 15SEP2014 APVD SEAN HAN 02FEB2016 | TE TE Connectivity | |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC \pm - 1 PLC ± 0.25 2 PLC ± 0.2 3 PLC \pm - 4 PLC \pm - ANGLES \pm - FINISH | PRODUCT SPEC 108-19428 APPLICATION SPEC 114-32023 WEIGHT - | NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X2, QSFP28 | |
| MATERIAL SEE NOTES | SEE NOTES | CUSTOMER DRAWING | SIZE A200779 | CAGE CODE C-2170806 |
| | | SCALE 1:1 | SHEET 3 OF 5 | REV A |

| 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. | | DWN HANK WU 15SEP2014 | TE Connectivity | | |
| DIMENSIONS: mm | | CHK JASON YANG 15SEP2014 | | | |
| | | APVD SEAN HAN 02FEB2016 | NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS THRU BEZEL, 1X2, QSFP28 | | |
| | | PRODUCT SPEC 108-19428 | SIZE CAGE CODE DRAWING NO RESTRICTED TO | | |
| MATERIAL SEE NOTES | | APPLICATION SPEC 114-32023 | A200779C-2170806 | | |
| FINISH SEE NOTES | | WEIGHT - | SCALE 1:1 SHEET 4 OF 5 REV A | | |
| | | CUSTOMER DRAWING | | | |

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

D

D

C

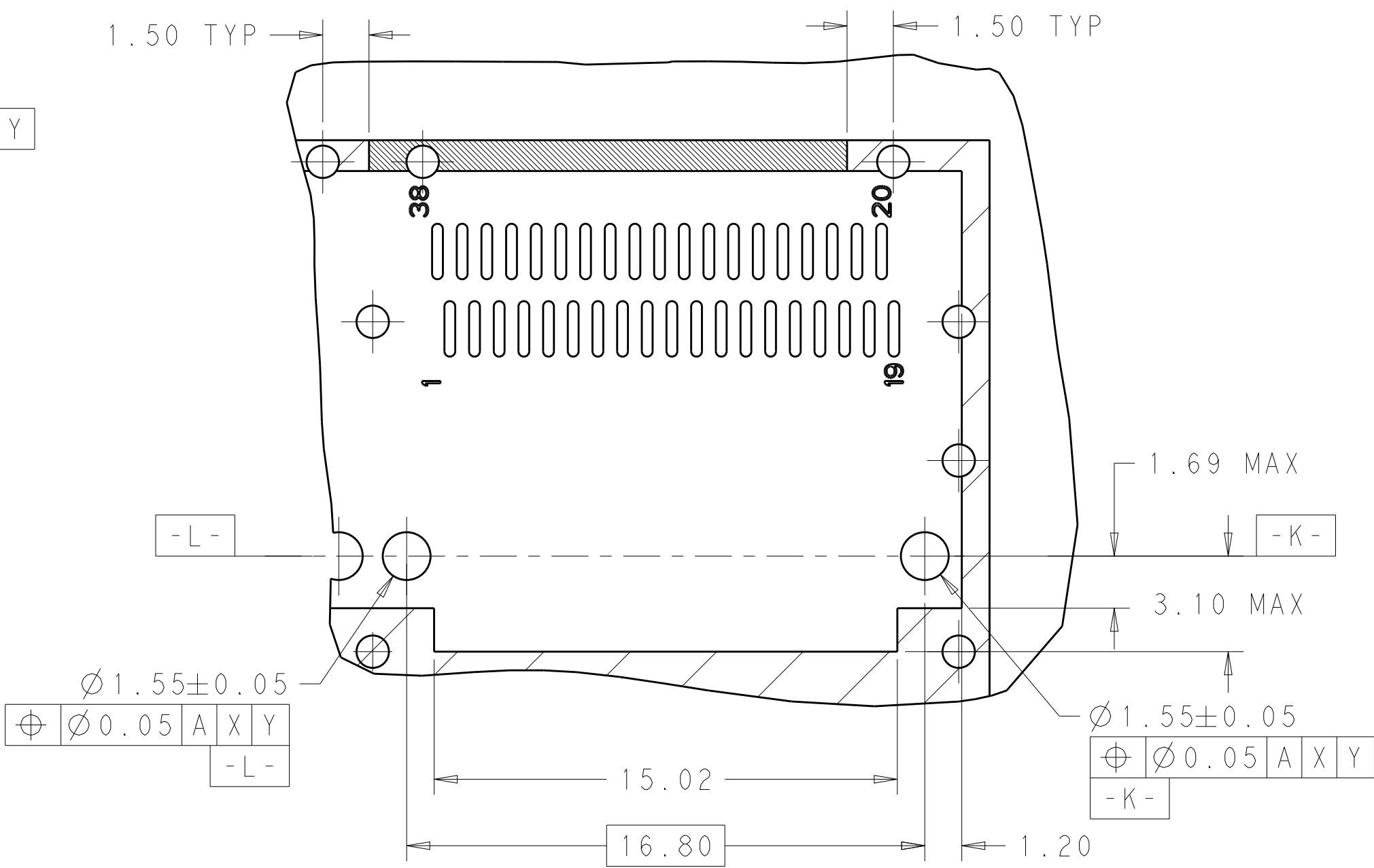
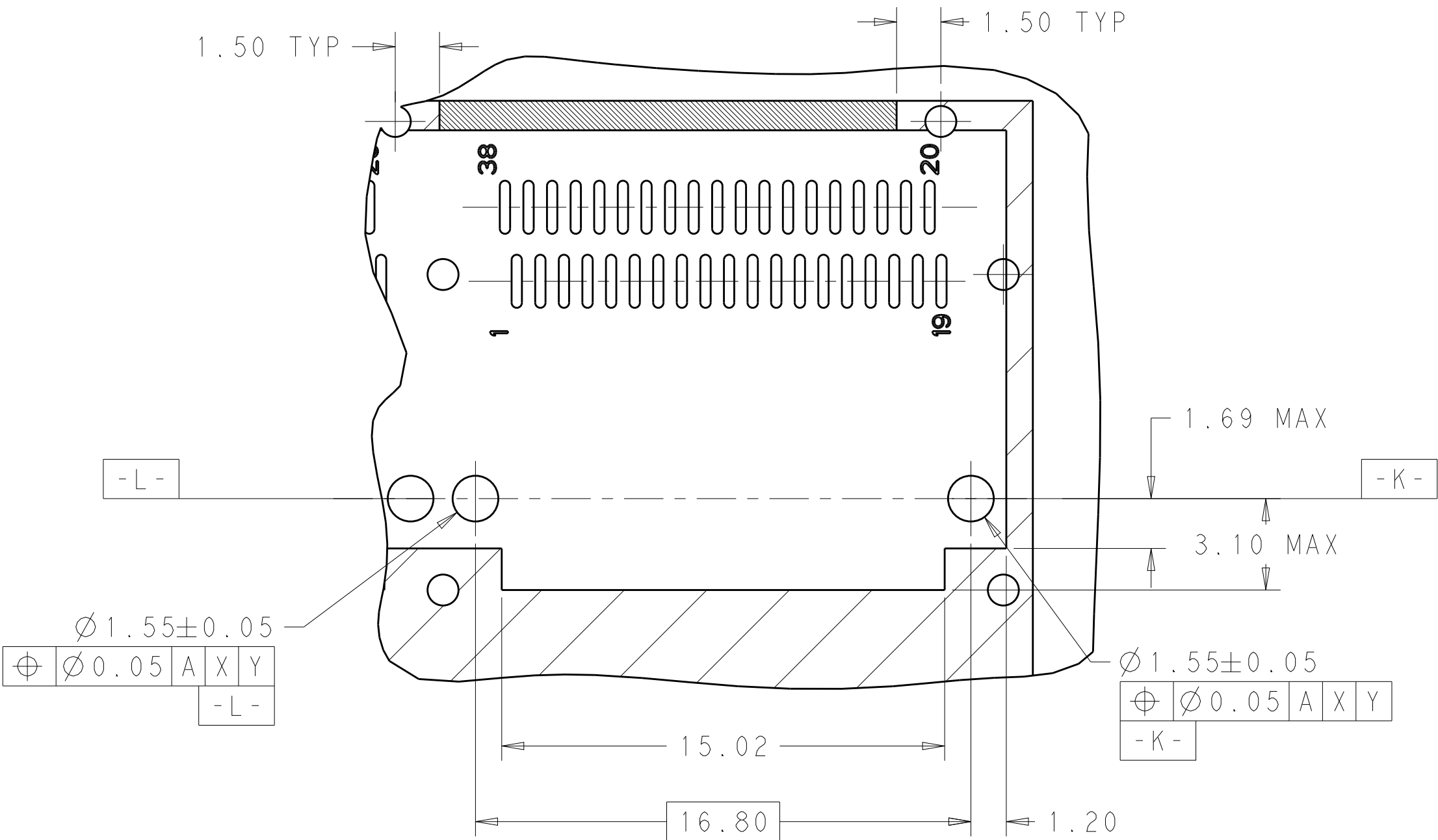
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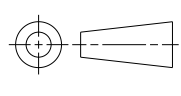
B

B

A

A



| | | | | | |
|---------------------------------------------------------------------------------------|--|--------------------------------|-------------------------------------------------------------------------------------------------------|--------------|-----------------|
| 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 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APPLICATION SPEC 114-32023 | CAGE CODE C-2170806 | | |
| MATERIAL SEE NOTES | | WEIGHT - | DRAWING NO - | | |
| FINISH SEE NOTES | | CUSTOMER DRAWING | | SCALE 1:1 | SHEET 5 OF 5 |
| | | | | REV A | |