



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

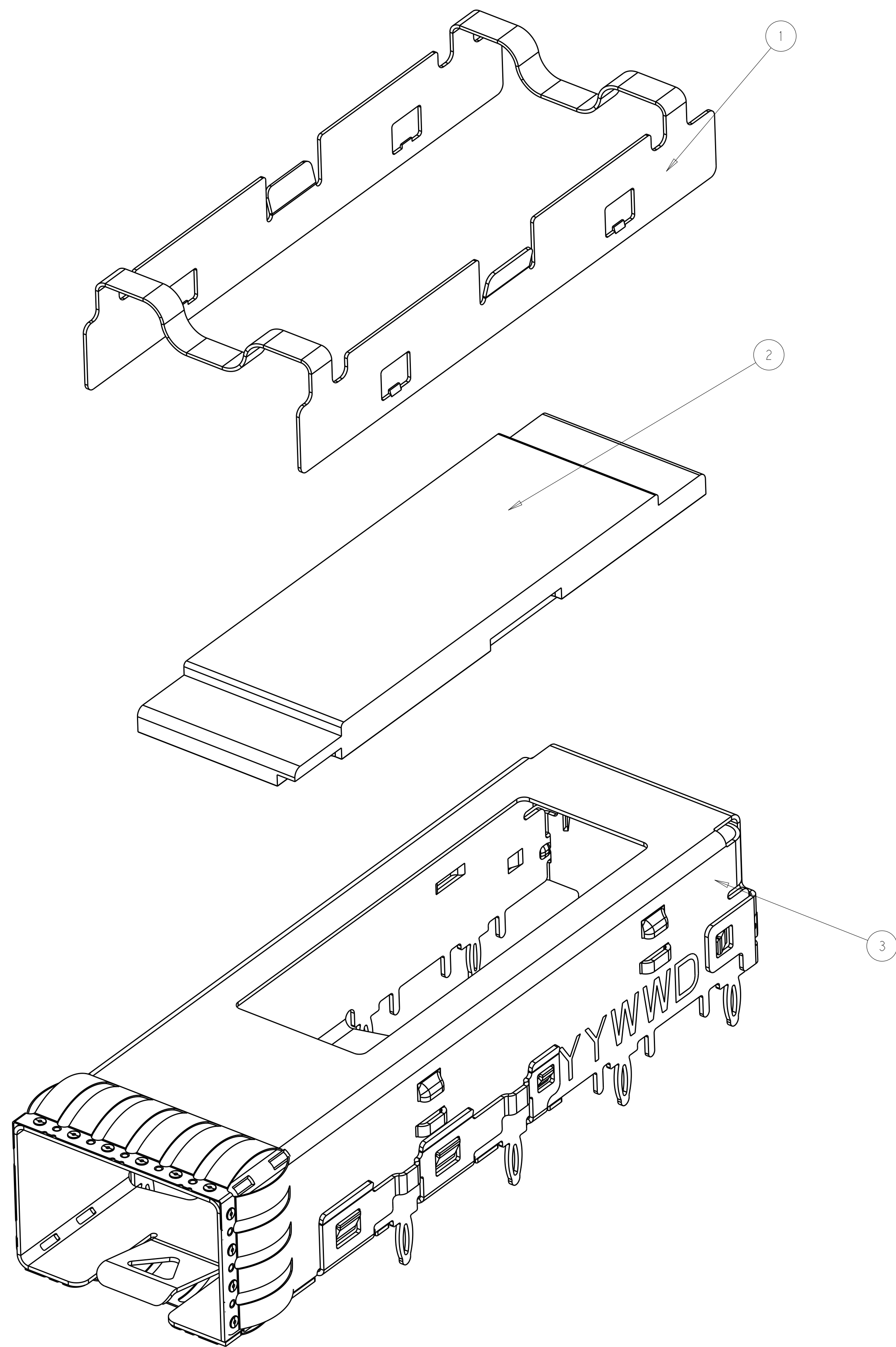
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-----------------|-----------|-----|------|
| GP | 00 | P | LTN | DESCRIPTION | DATE | DWN | APVD |
| | | A | | INITIAL RELEASE | 03NOV2016 | AJ | SH |



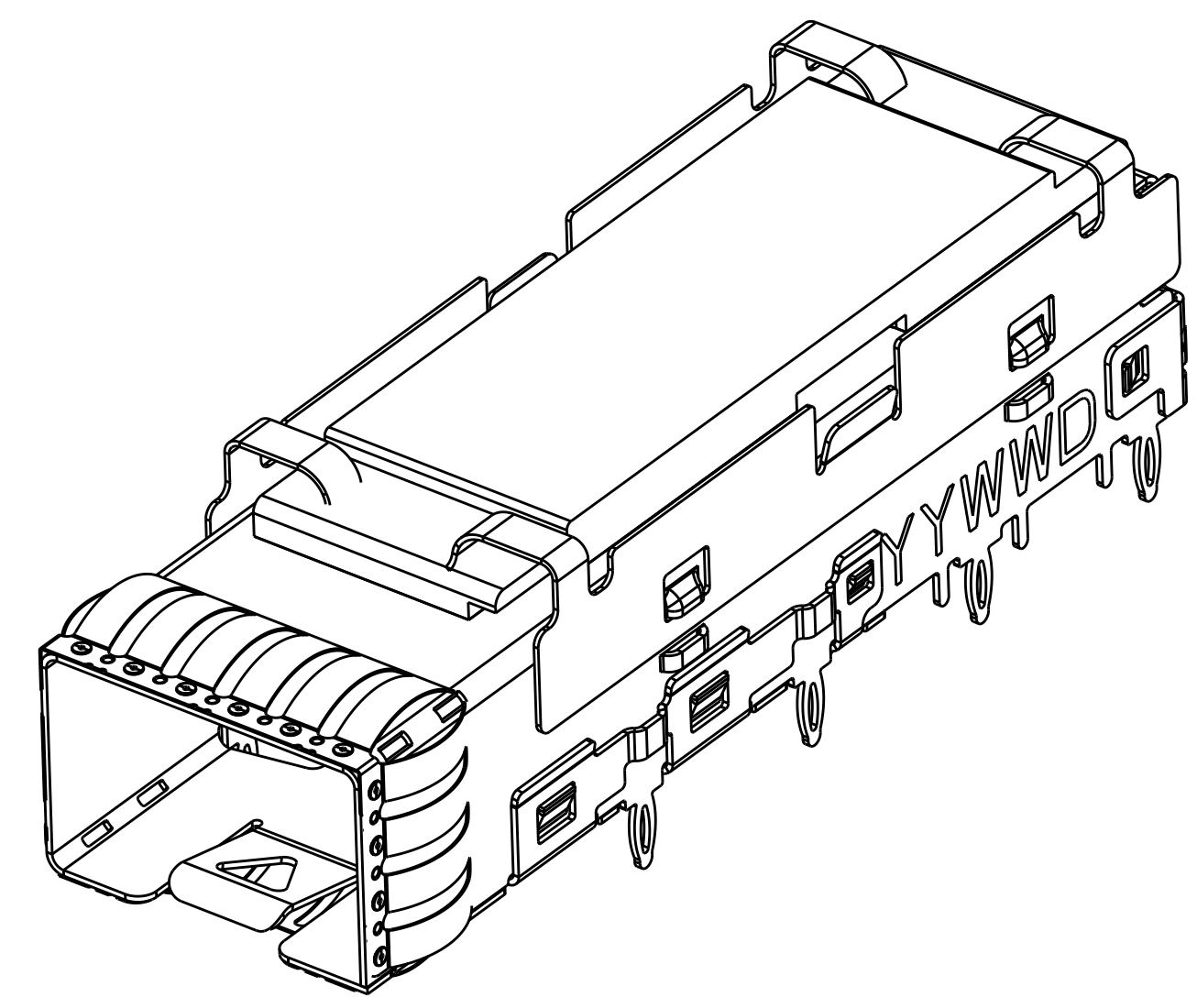
- 1 MATERIAL:
 CAGE ASSEMBLY: 0.25mm THICK NICKEL SILVER ALLOY.
 EMI SPRINGS: COPPER ALLOY.
 CLIP: STAINLESS STEEL 0.20mm THICK.
 HEAT SINK: ALUMINUM.
- 2 FINISH
 EMI SPRINGS: 0.8um MIN NICKEL, NON-PLATED EDGES PERMISSIBLE.
 HEAT SINK: ELECTROLESS NICKEL.
- 3. MATES WITH SFP MSA COMPLIANT TRANSCEIVERS.
- 4 PADS AND VIAS CHASSIS GROUND.
- 5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- 6 MINIMUM PC BOARD THICKNESS:
 SINGLE SIDED = 1.50 mm
 DOUBLE SIDED = 3.00 mm
- 7 REFERENCE APPLICATION SPEC. 114-13120, HOLE A, FOR
 RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 8 REFERENCE APPLICATION SPEC. 114-13120, HOLE C, FOR
 RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS.
- 9. CAGE ASSEMBLY, HEAT SINK AND CLIP SHOULD BE SHIPPED ASSEMBLED.

2299056-1
 EXPLODING VIEW
 SCALE 6:1

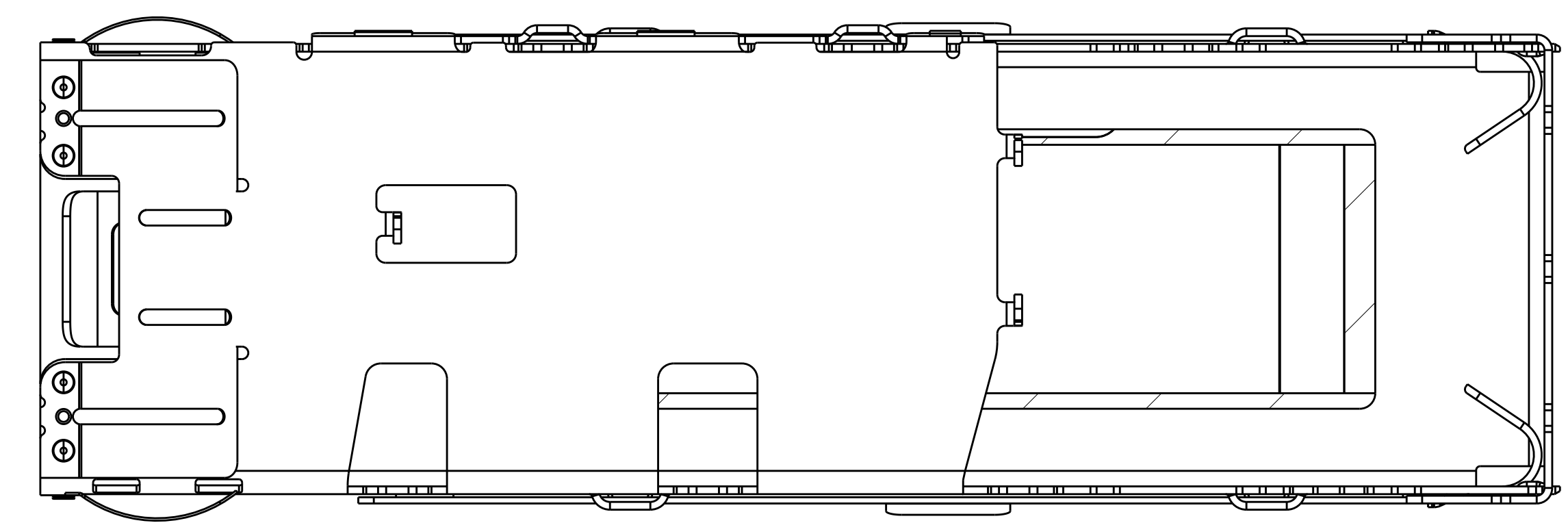
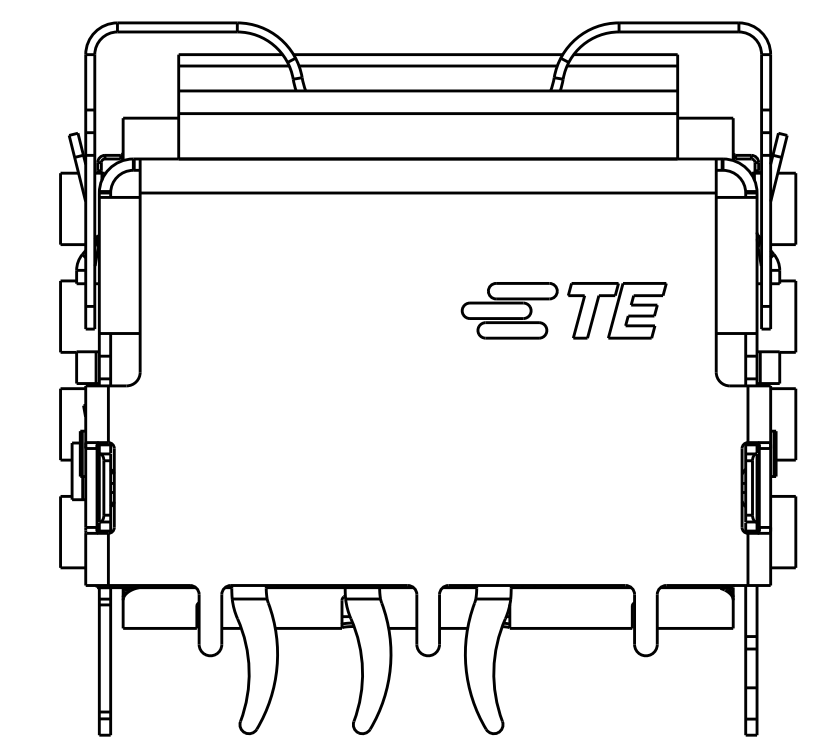
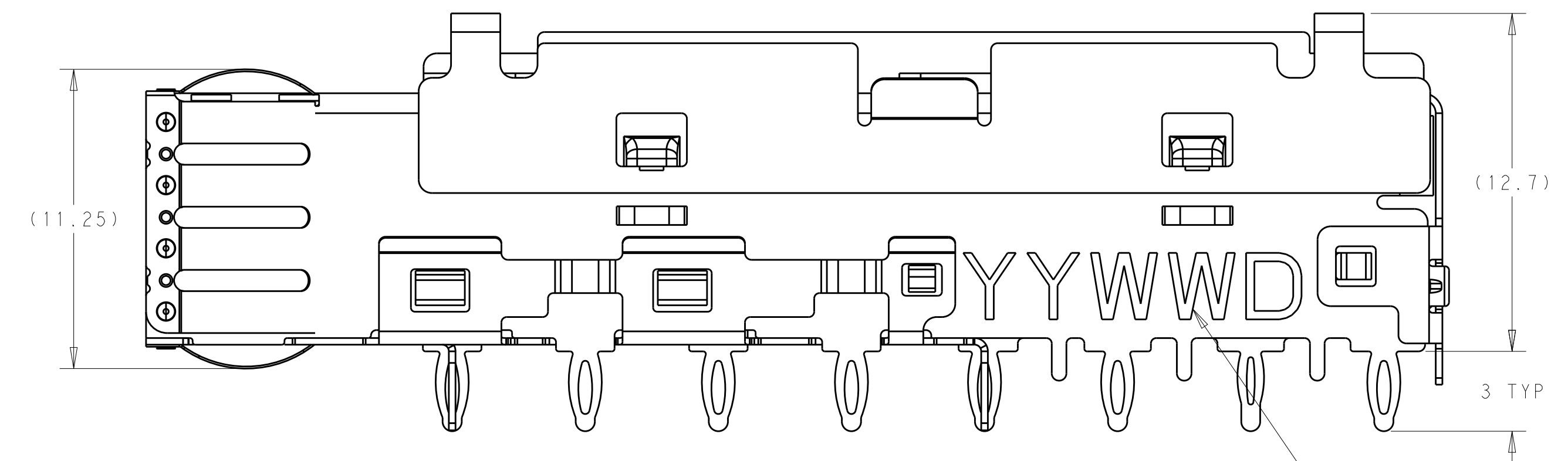
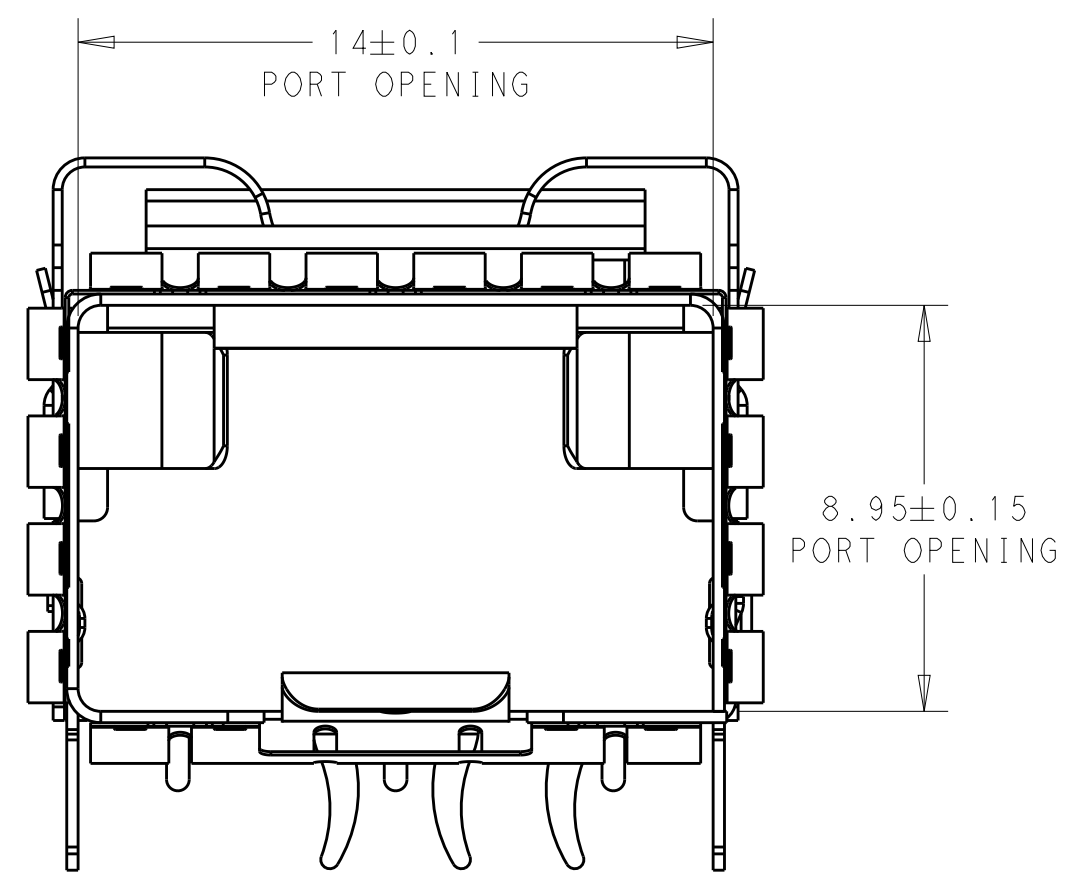
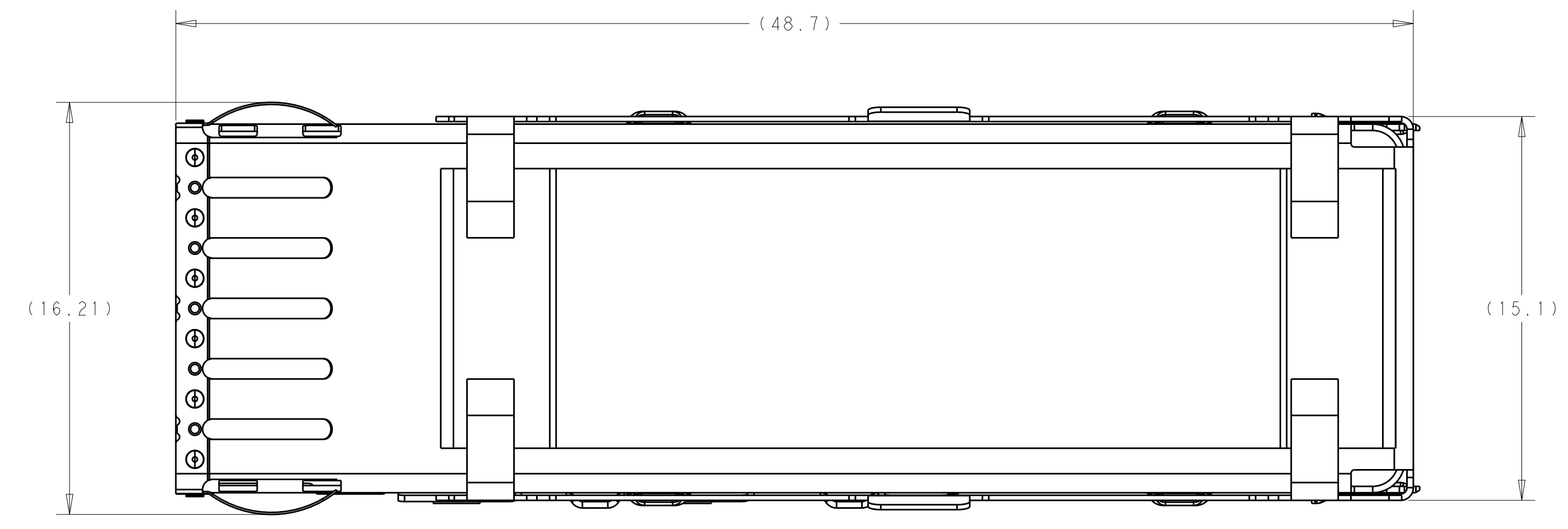
| | | | |
|-----|-------------|----------------|----------|
| 1 | 2170680-2 | CAGE ASSEMBLY | 3 |
| 1 | 2170575-1 | HEAT SINK | 2 |
| 1 | 2292792-1 | HEAT SINK CLIP | 1 |
| - 1 | PART NUMBER | DESCRIPTION | ITEM NO. |

| | | | | |
|--|--|-----------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: ARTHUR JIN 21DEC2015 | | |
| DIMENSIONS: mm | | CHK: SEAN HAN 21DEC2015 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: SEAN HAN 21DEC2015 | NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK | |
| 0 PLC ±0.1 | | PRODUCT SPEC: 108-2364 | SIZE: A1 | |
| 1 PLC ±0.1 | | APPLICATION SPEC: 114-13120 | CAGE CODE: 00779 | |
| 2 PLC ±0.1 | | WEIGHT: - | DRAWING NO: 2299056 | |
| 3 PLC ±0.05 | | CUSTOMER DRAWING | SCALE: 2:1 | |
| 4 PLC ±0.05 | | | SHEET 1 OF 4 | |
| ANGLES ±0.05 | | | REV A | |
| FINISH | | | | |

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| | | P. | LYR | DESCRIPTION | DATE | OWN | APVD |
| GP | 00 | - | - | SEE SHEET 1 | - | - | - |

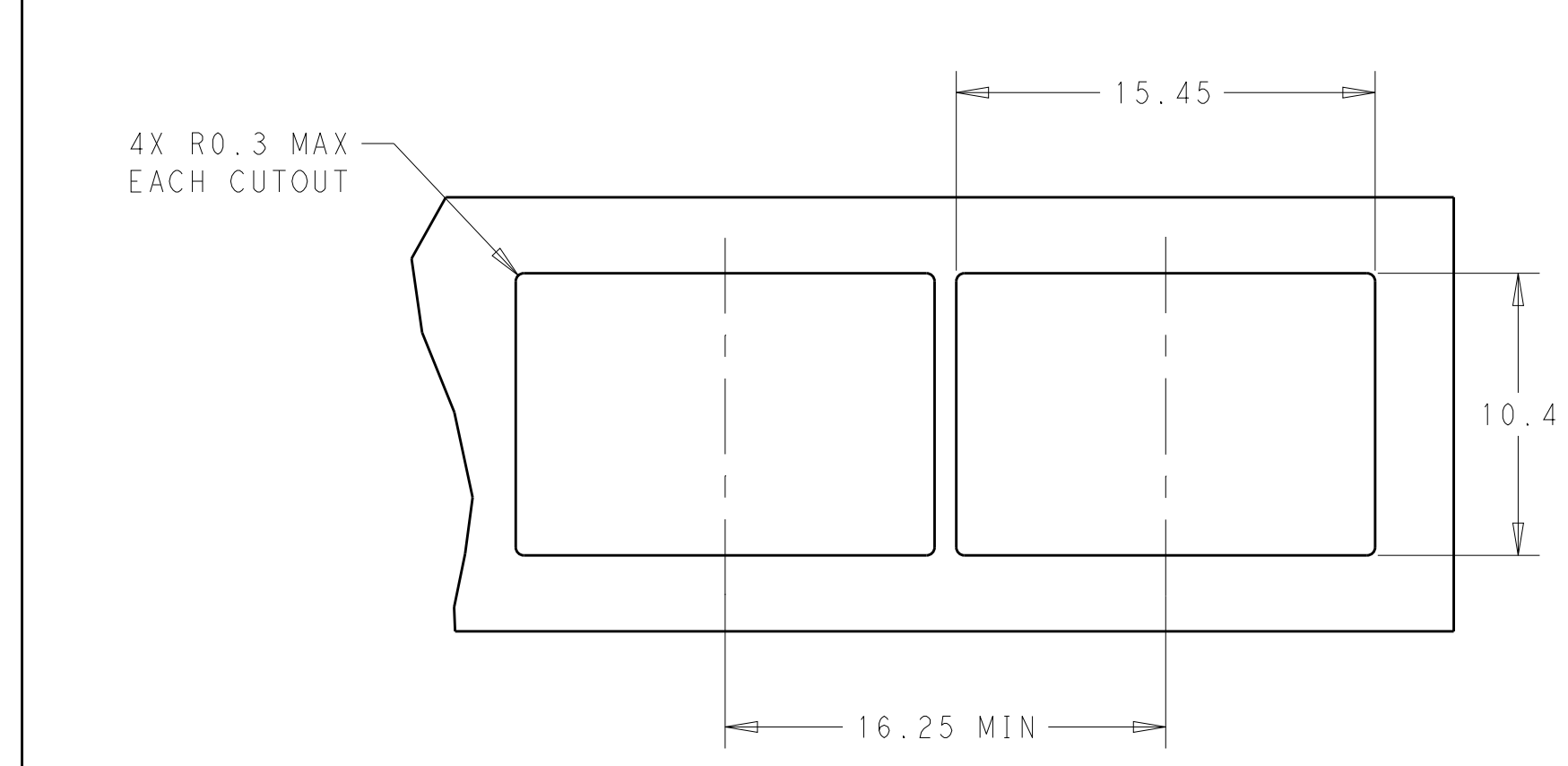


SCALE 4:1

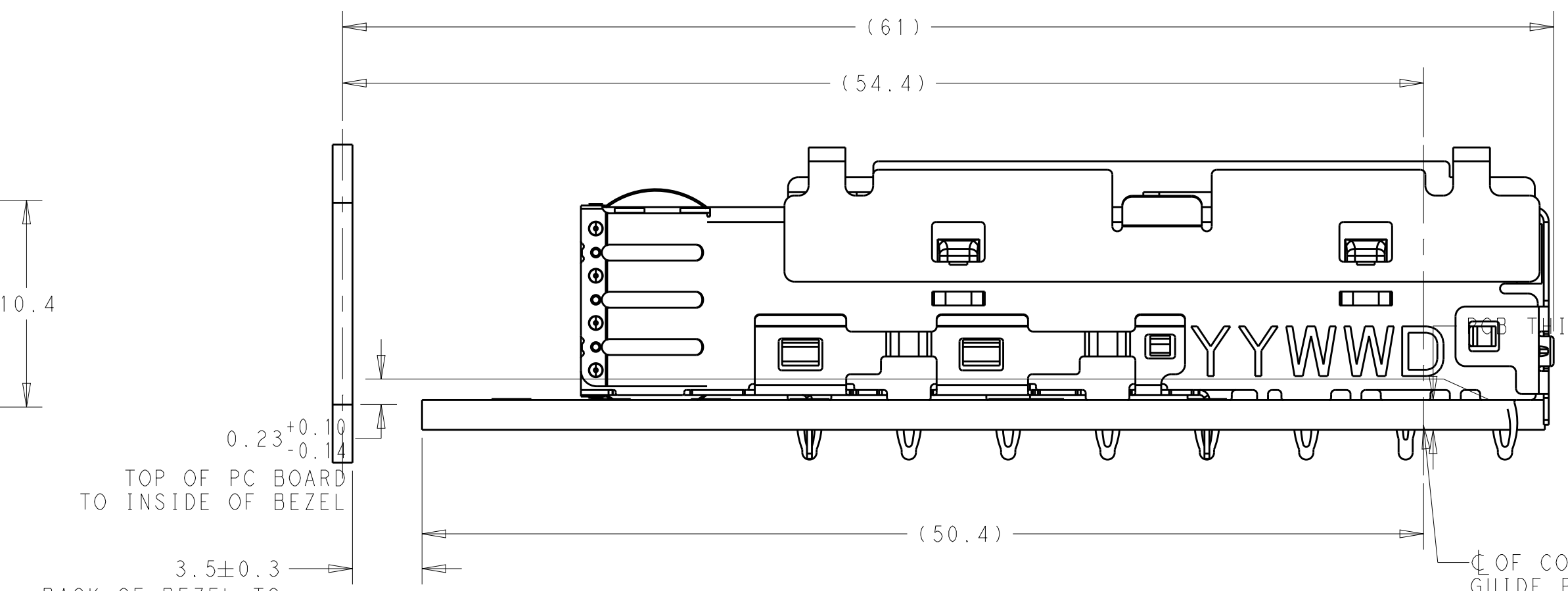


| | | | |
|--|--|-----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: ARTHUR JIN 21DEC2015 | TE Connectivity |
| DIMENSIONS: mm | | CHK: SEAN HAN 21DEC2015 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: SEAN HAN 21DEC2015 | NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK |
| 0 PLC ±0.1 | | PRODUCT SPEC: 108-2364 | |
| 1 PLC ±0.1 | | APPLICATION SPEC: 114-13120 | SIZE: A1 |
| 2 PLC ±0.1 | | WEIGHT: - | CAGE CODE: 2299056 |
| 3 PLC ±0.05 | | FINISH: - | RESTRICTED TO: - |
| 4 PLC ±0.05 | | MATERIAL: - | SCALE: 6:1 |
| ANGLES ±0.05 | | CUSTOMER DRAWING | SHEET 2 OF 4 |
| FINISH: - | | | REV A |

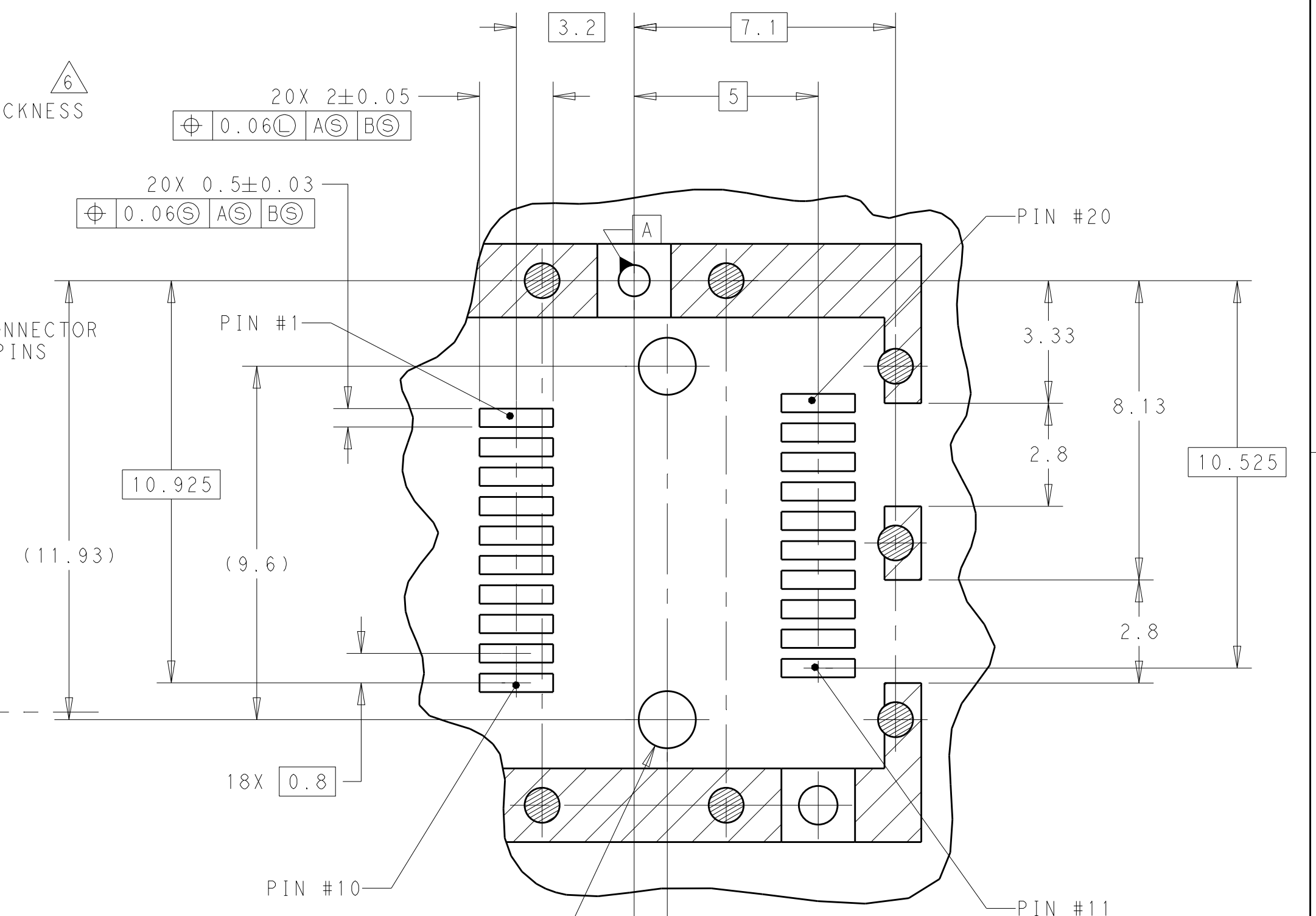
| LOC | | DIST | | REVISONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| GP | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | - | - | SEE SHEET 1 | - | - | - |



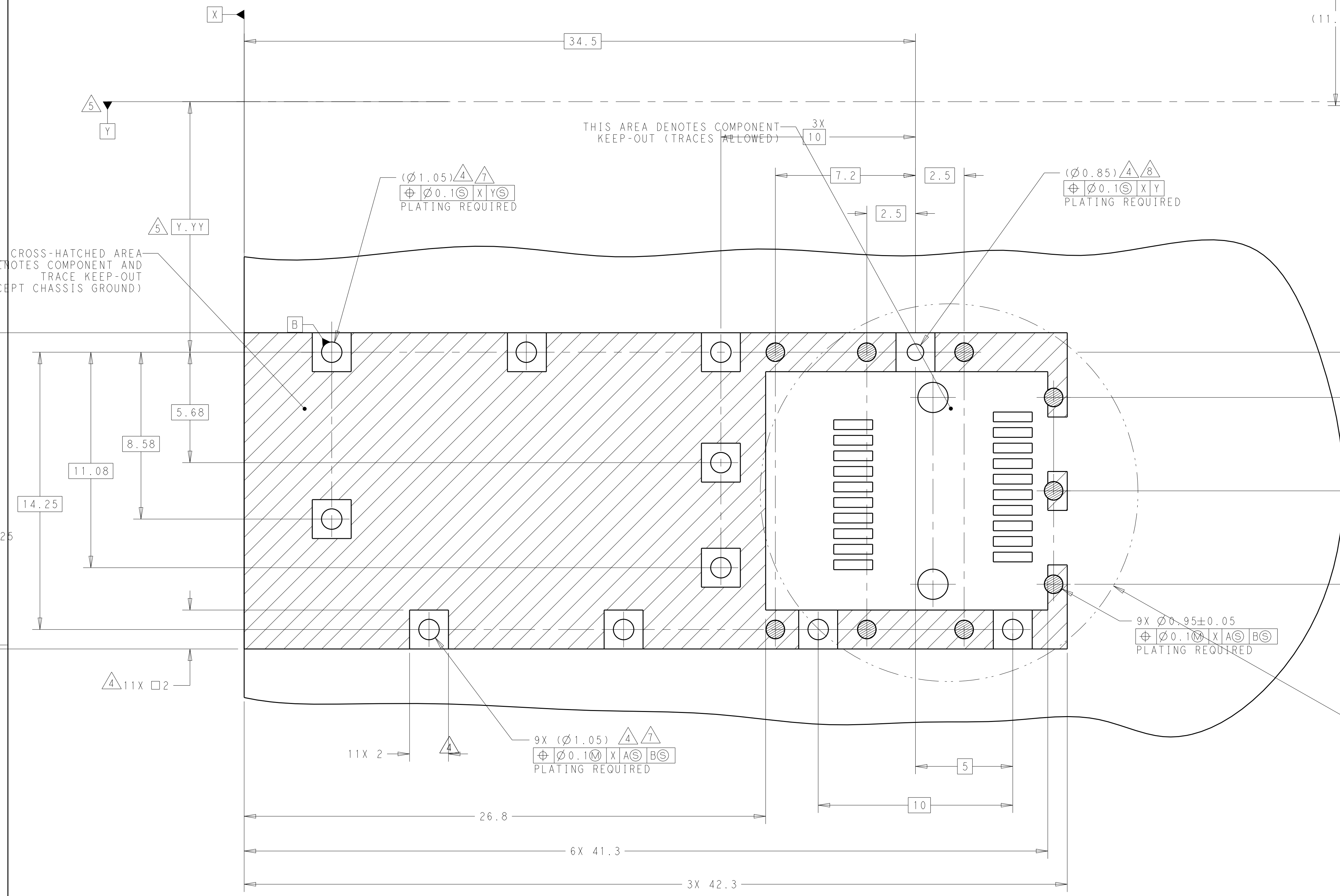
RECOMMENDED BEZEL CUTOUT
SCALE 4:1



RECOMMENDED BEZEL AND
PC BOARD ORIENTATION
SCALE 4:1



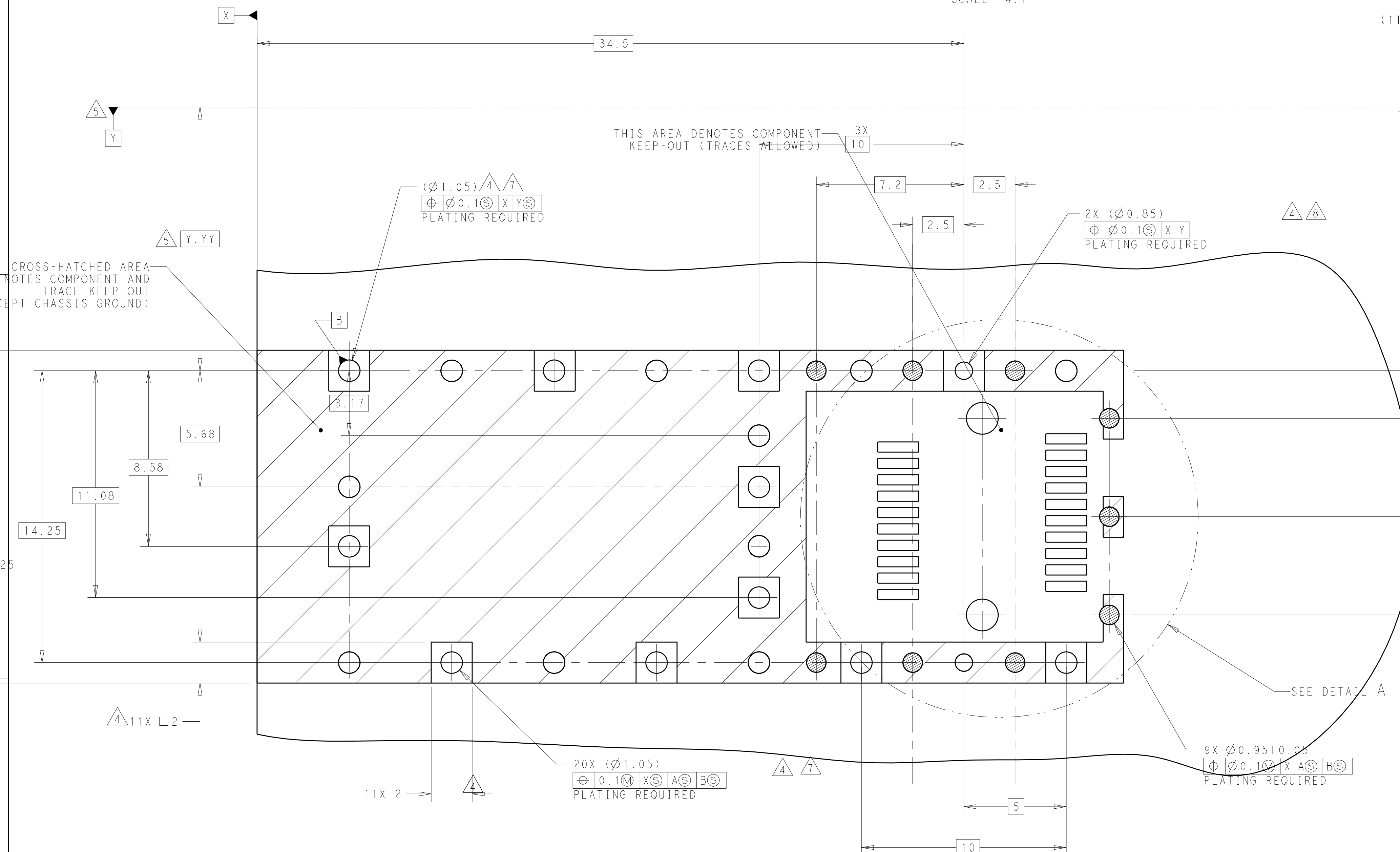
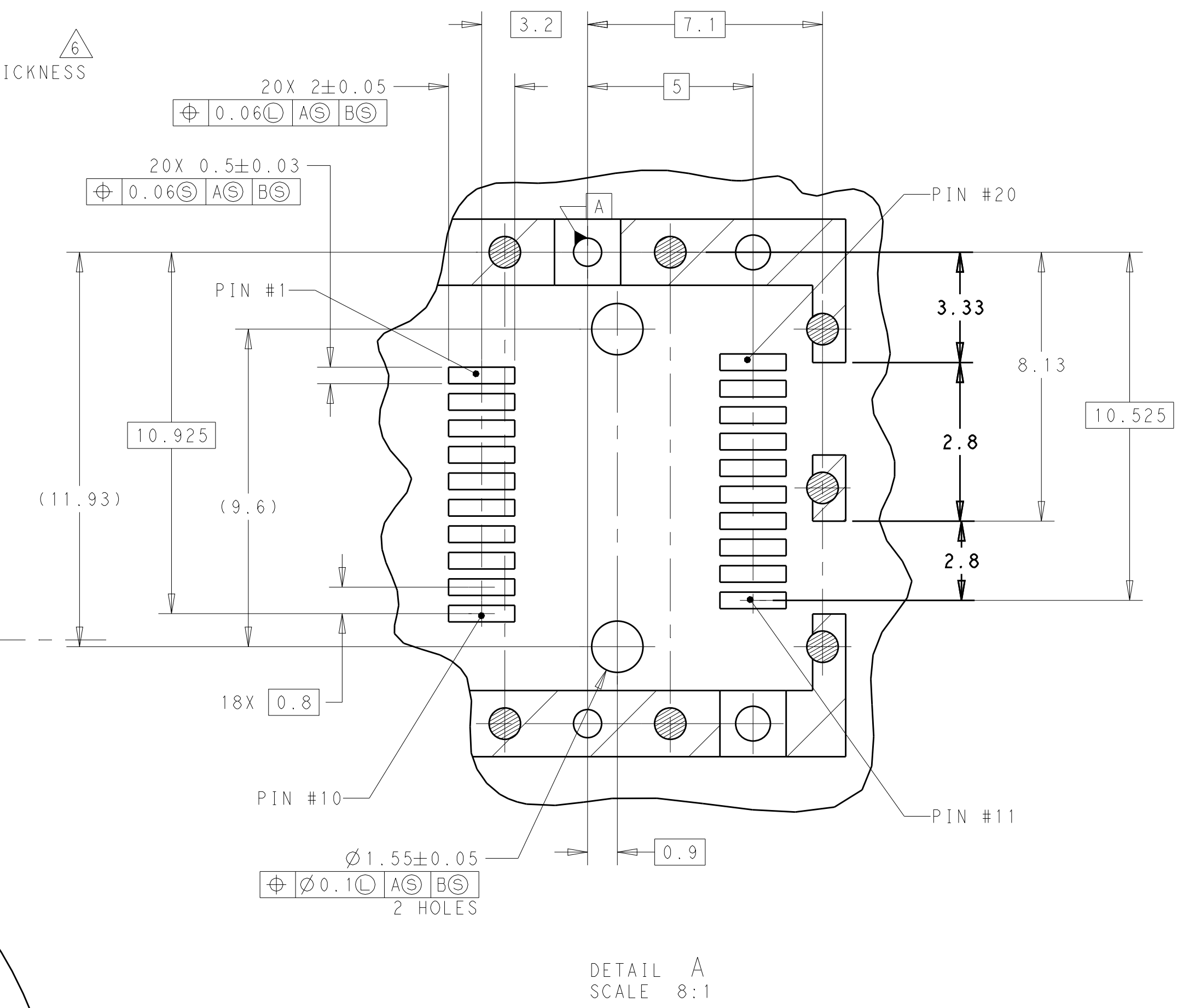
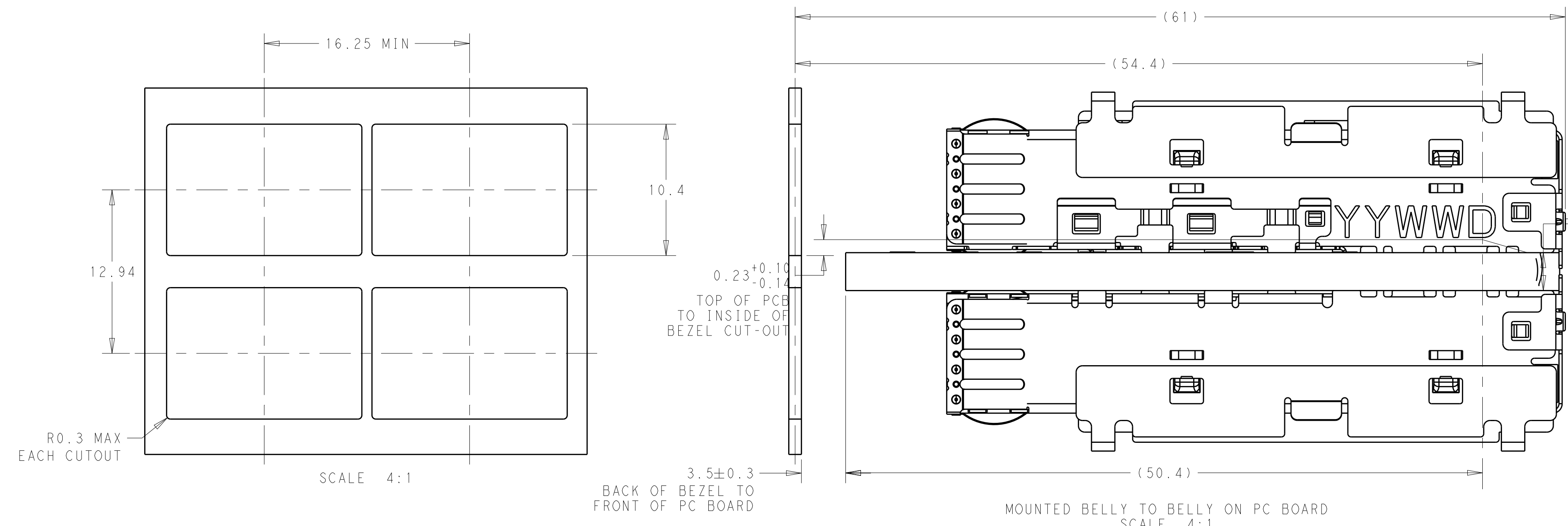
DETAIL A
SCALE 8:1



RECOMMENDED PCB LAYOUT
SCALE 8:1

| | | | |
|--|--|--|-------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: ARTHUR JLN 21DEC2015 | TE Connectivity |
| DIMENSIONS: mm | | CHK: SEAN HAN 21DEC2015 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: SEAN HAN 21DEC2015 | |
| 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±0.05 | | NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK | |
| MATERIAL: FINISH: | | PRODUCT SPEC: 108-2364 | RESTRICTED TO: |
| | | APPLICATION SPEC: 114-13120 | SIZE: A100779 |
| | | WEIGHT: | CAGE CODE: C=2299056 |
| | | CUSTOMER DRAWING | SCALE: 6:1 SHEET 3 OF 4 REV A |

| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| GP | 00 | P | LTN | DESCRIPTION | DATE | DMN | APVD |
| | | | | SEE SHEET 1 | | | |



| | | | |
|--|--|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: ARTHUR JIN 21DEC2015 | TE Connectivity |
| DIMENSIONS: mm | | CHK: SEAN HAN 21DEC2015 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: SEAN HAN 21DEC2015 | NAME: SFP+ 1X1 CAGE ASSY AND CONNECTOR PRESS-FIT, EMI SPRINGS WITH HEAT SINK PRODUCT SPEC: 108-2364 APPLICATION SPEC: 114-13120 |
| 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±0.05 ANGLES ±0.05 | | SIZE: A100779 CAGE CODE: C=2299056 DRAWING NO: 114-13120 WEIGHT: - CUSTOMER DRAWING | |
| MATERIAL: FINISH: | | RESTRICTED TO: | SCALE: 6:1 SHEET 4 OF 4 REV A |