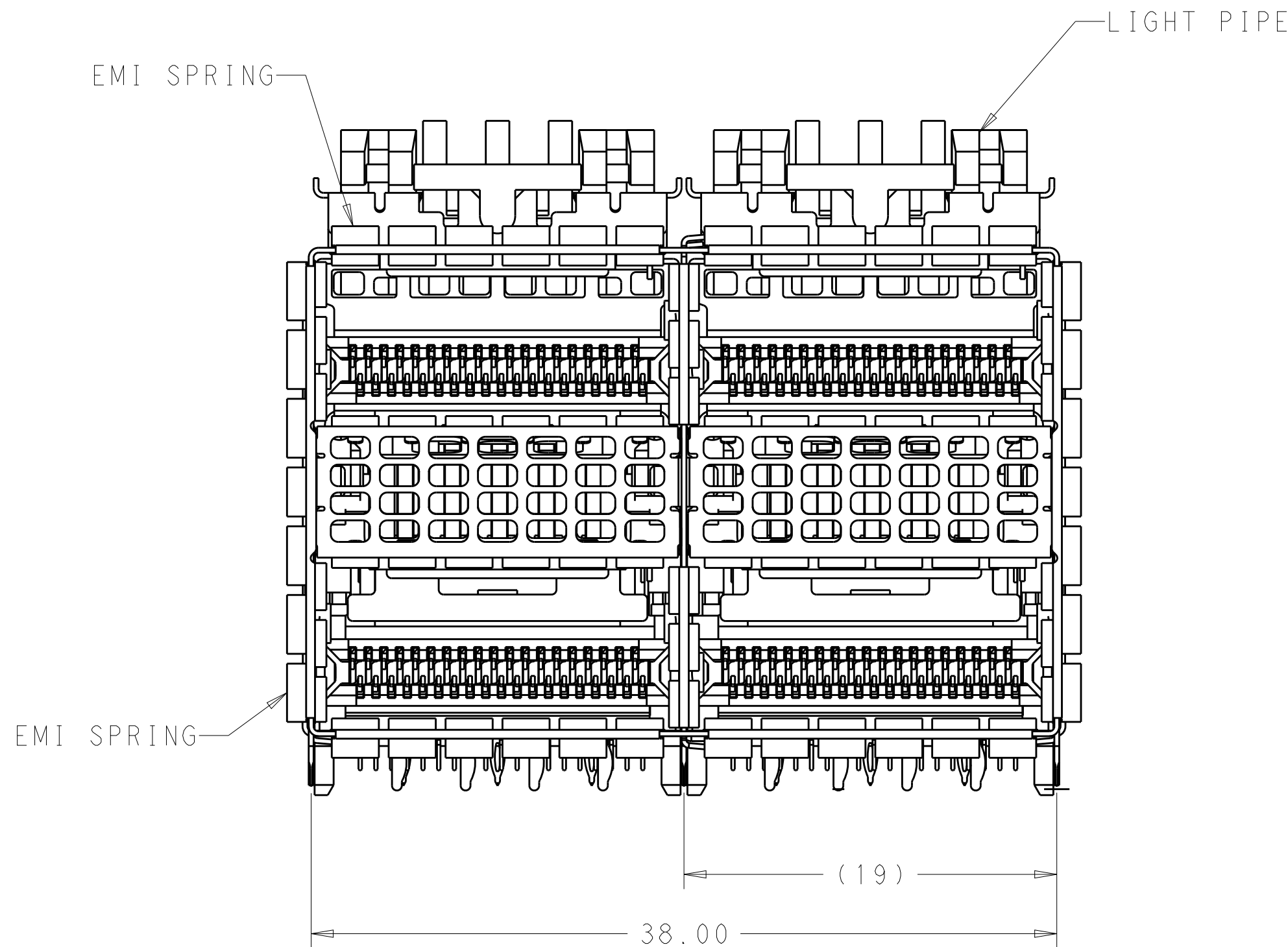
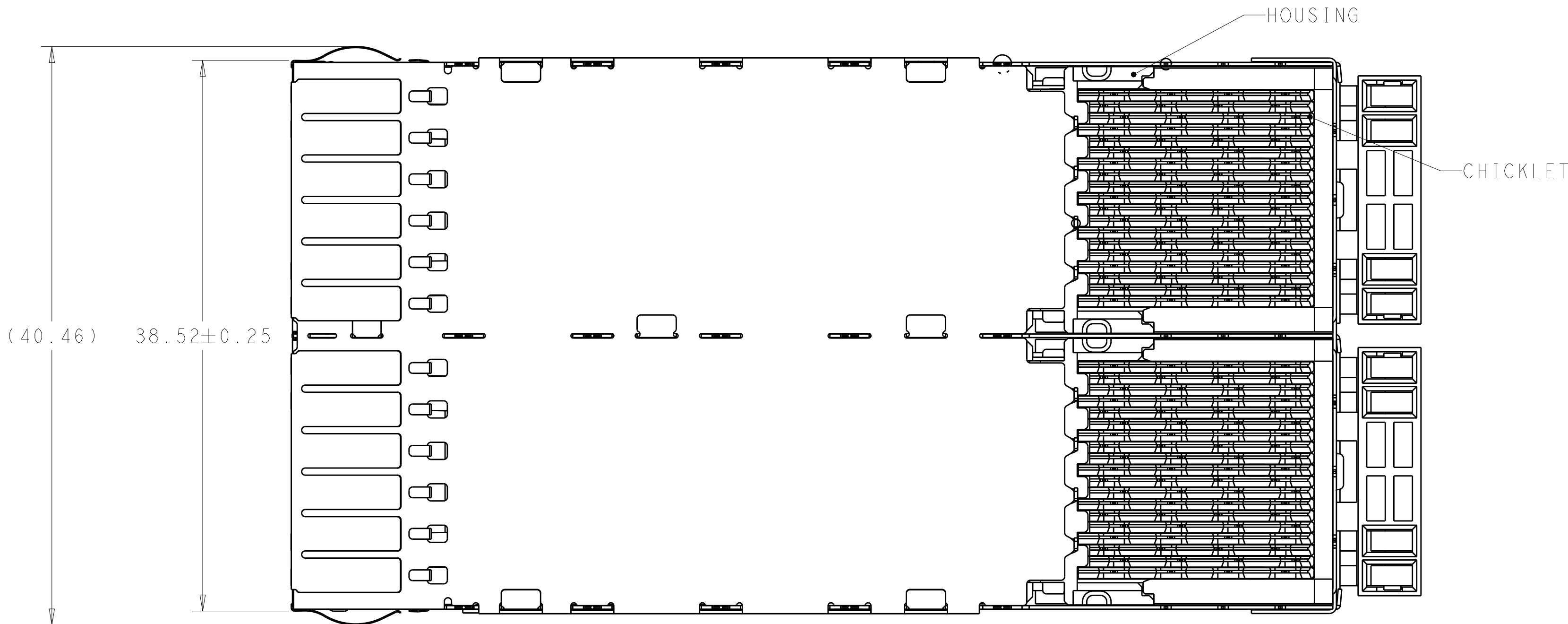
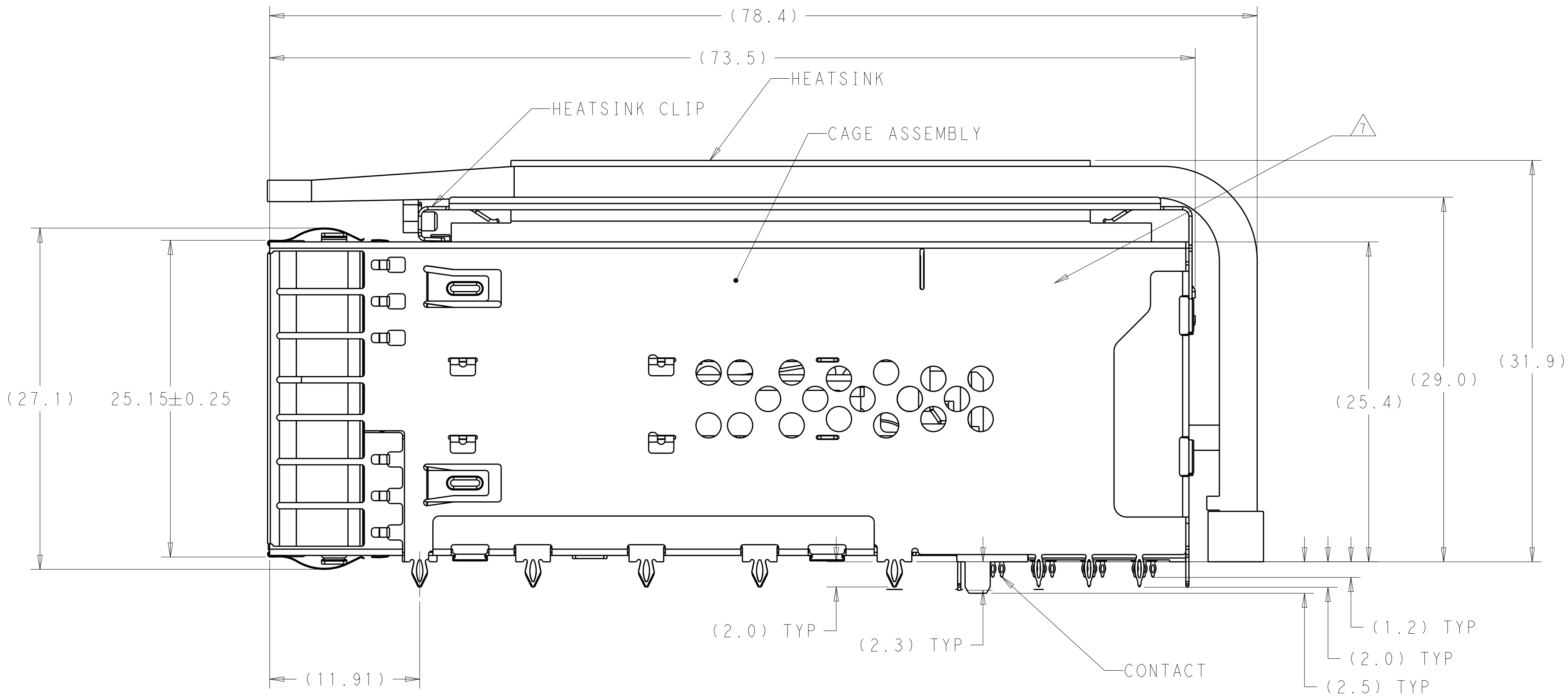


| LOC |  | DIST |  | REVISIONS |     |                           |           |     |      |
|-----|--|------|--|-----------|-----|---------------------------|-----------|-----|------|
| GP  |  | 00   |  | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |  |      |  |           | A   | INITIAL RELEASE           | 13MAR2017 | LL  | SH   |
|     |  |      |  |           | B   | REVISED PER ECO-17-012744 | 31AUG2017 | TX  | SH   |
|     |  |      |  |           |     |                           |           |     |      |
|     |  |      |  |           |     |                           |           |     |      |

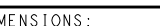


2299870-1

1. MATERIALS:  
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.  
EMI SPRING- COPPER ALLOY, NICKEL PLATED.  
HOUSING- POLYESTER LCP WITH 94V-0.  
CHICKLET- POLYESTER LCP WITH 94V-0.  
CONTACT- COPPER ALLOY.  
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 1.57.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND TRACES.
6. CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
7. PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.
8. HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.
9. CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING AREA, 0.7-1.5µm MATT TIN ON COMPLIANT AREA, ALL OVER 1.27µm NICKEL.

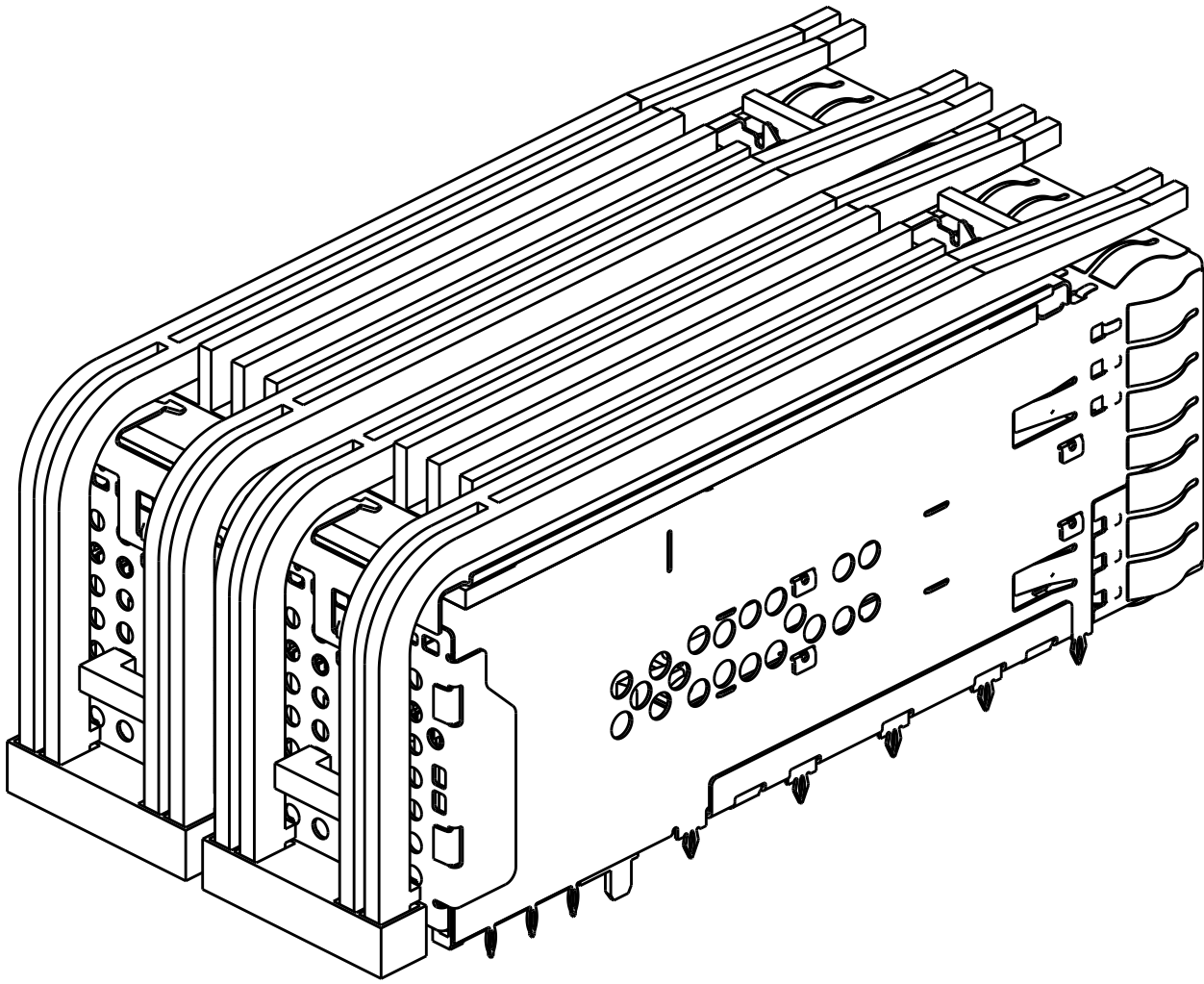


|                |                        |             |
|----------------|------------------------|-------------|
| 2              | WITH HS & WITHOUT LP   | 2299870-6   |
| 2              | WITHOUT UPPER HS OR LP | 2299870-5   |
| 2              | WITHOUT UPPER HS OR LP | 2299870-4   |
| 2              | WITH HS & WITHOUT LP   | 2299870-3   |
| 2              | WITH HS & WITHOUT LP   | 2299870-2   |
| 2              | WITH HS & WITH LP      | 2299870-1   |
| CONTACT FINISH | DESCRIPTION            | PART NUMBER |

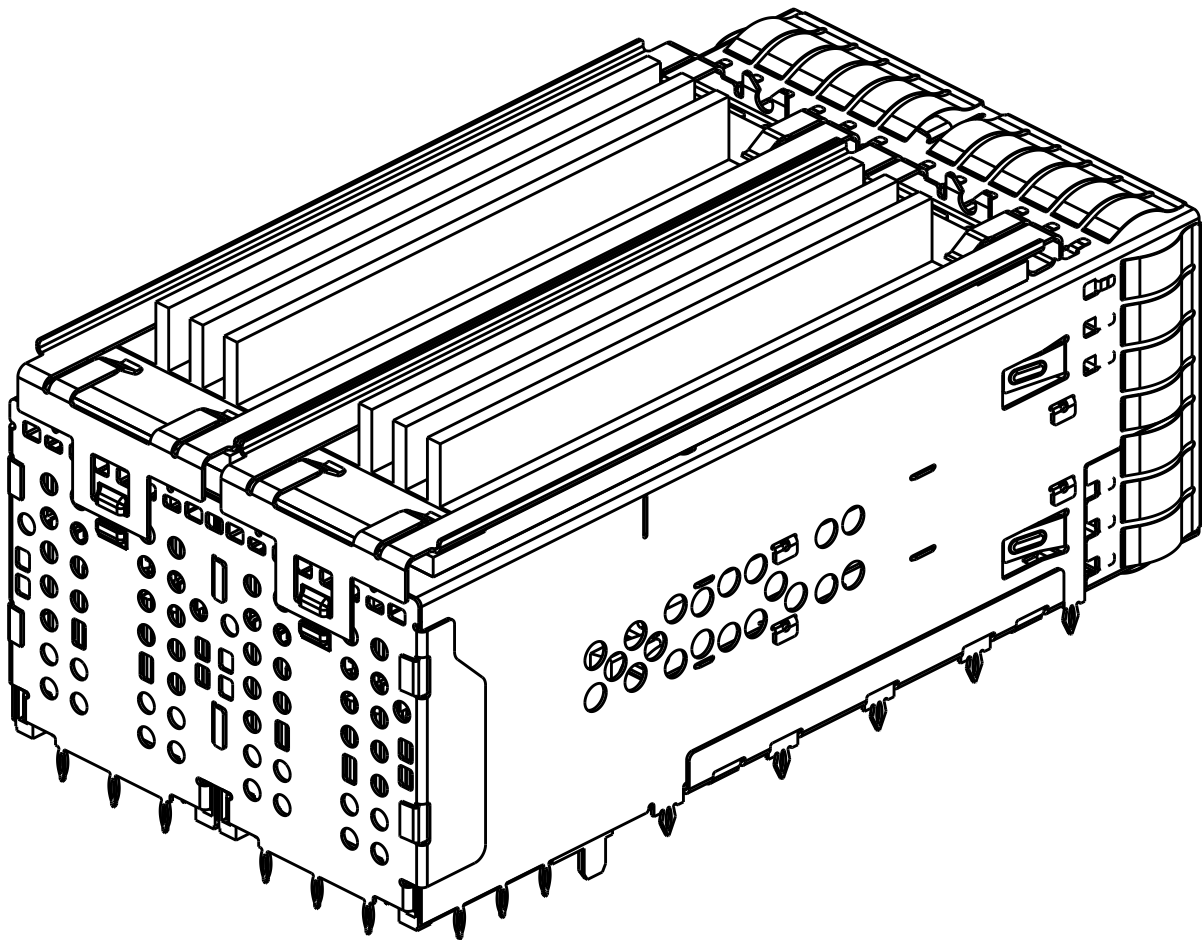
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       |                                                                                                   |  |
|---------------------------------------------------------------------------------------|--|--|--|------------|----------|------------------|-----------|------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |  |  | DWN        | TIM XUE  |                  | 28JAN2016 |                  |  TE Connectivity |                                                                                                   |  |
| DIMENSIONS:                                                                           |  |  |  | CHK        | SEAN HAN |                  | 28JAN2016 |                  |                                                                                                       |                                                                                                   |  |
| mm                                                                                    |  |  |  | APVD       | SEAN HAN |                  | 28JAN2016 |                  | NAME                                                                                                  |                                                                                                   |  |
|  |  |  |  | O P L C    |          | ±                |           | PRODUCT SPEC     |                                                                                                       | CAGE AND CONNECTOR ASSEMBLY WITH<br>EMI SPRING FINGERS, THRU BEZEL,<br>2X2 ZOSFP+ STACKED WITH HS |  |
|                                                                                       |  |  |  | 2 P L C    |          | ±                |           | 108-60102        |                                                                                                       |                                                                                                   |  |
|                                                                                       |  |  |  | 2 P L C    |          | ±                |           | APPLICATION SPEC |                                                                                                       |                                                                                                   |  |
|                                                                                       |  |  |  | 2 P L C    |          | ±                |           | 114-60015        |                                                                                                       |                                                                                                   |  |
| ANGLES                                                                                |  |  |  | ±          |          | FINISH           |           | WEIGHT           |                                                                                                       | SIZE                                                                                              |  |
| SEE NOTE 1                                                                            |  |  |  | SEE NOTE 2 |          | CUSTOMER DRAWING |           | A100779          |                                                                                                       | C=2299870                                                                                         |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | RESTRICTED TO                                                                                     |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | -                                                                                                 |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | SCALE                                                                                             |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | 4:1                                                                                               |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | SHEET                                                                                             |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | 1                                                                                                 |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | OF                                                                                                |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | 8                                                                                                 |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | REV                                                                                               |  |
|                                                                                       |  |  |  |            |          |                  |           |                  |                                                                                                       | B                                                                                                 |  |



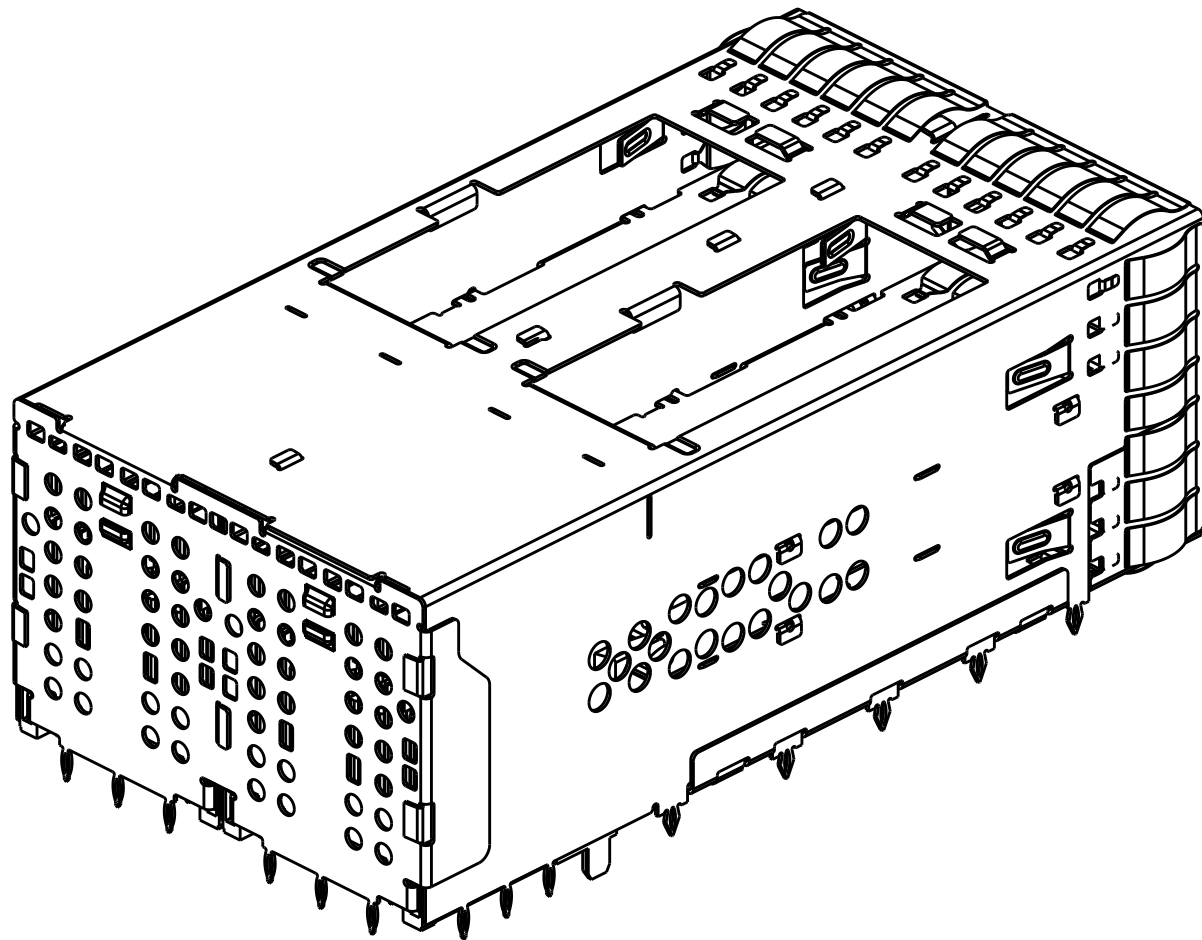
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



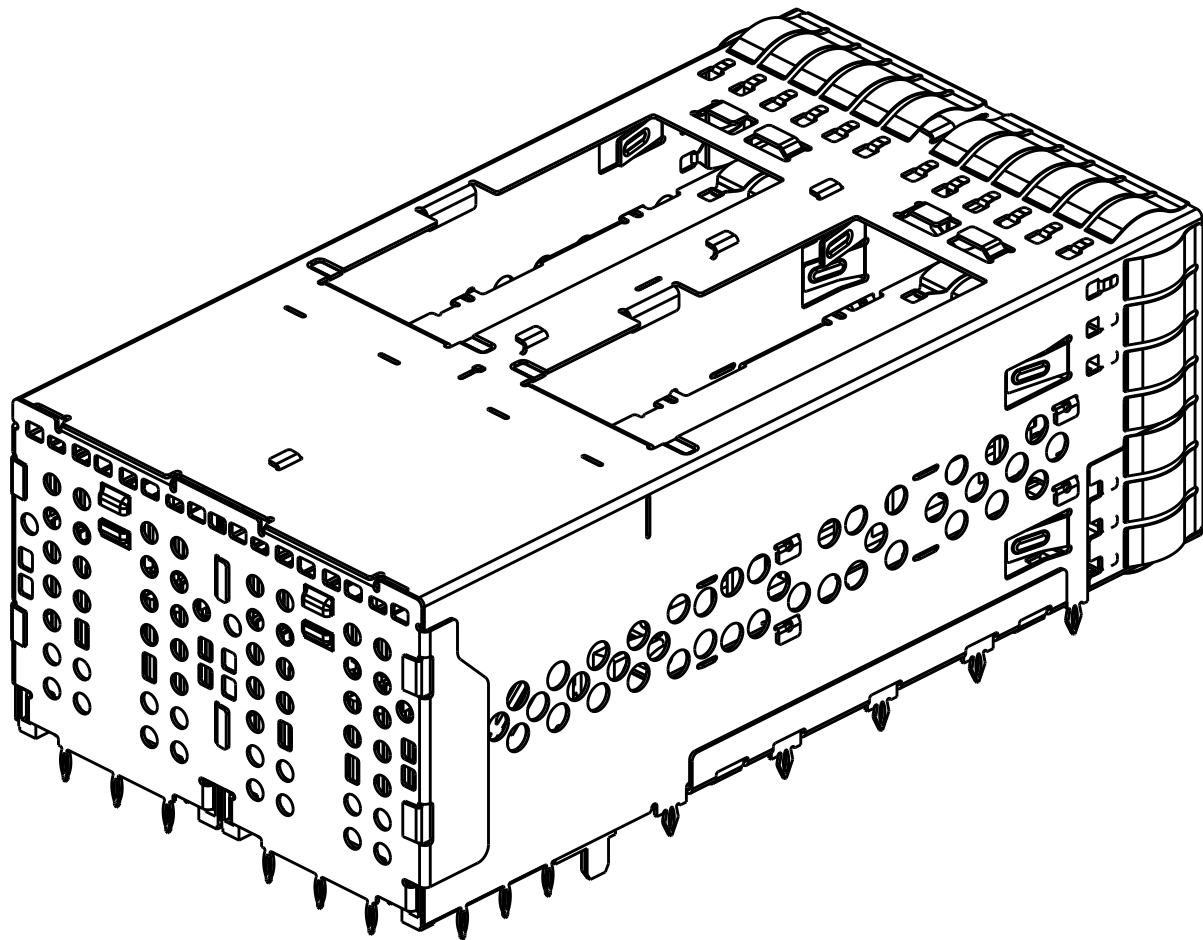
2299870-1 AS SHOWN  
SCALE 2:1



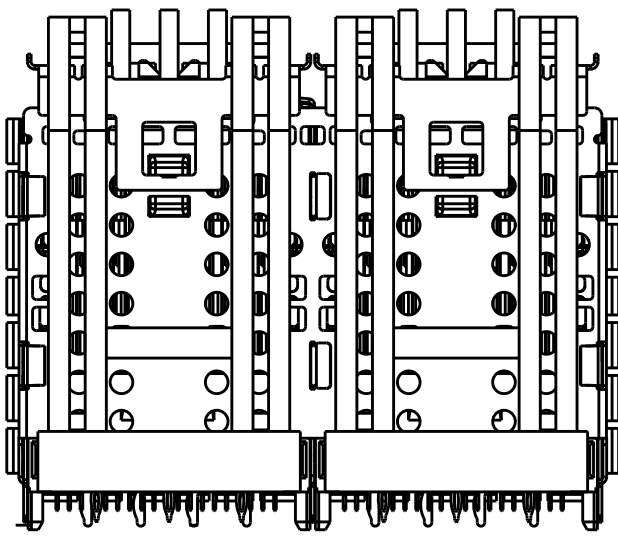
2299870-2 AS SHOWN  
SAME AS 2299870-1 EXCEPT  
W/O LEGHT PIPE AND ORGANIZER  
SCALE 2:1



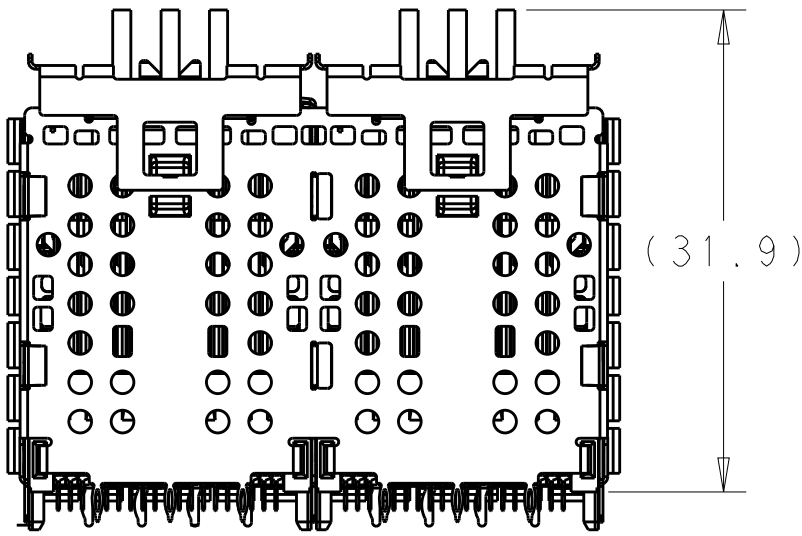
2299870-4 AS SHOWN  
SAME AS 2299870-2 EXCEPT  
W/O EXTERNAL HEAT SINK AND LP  
SCALE 2:1



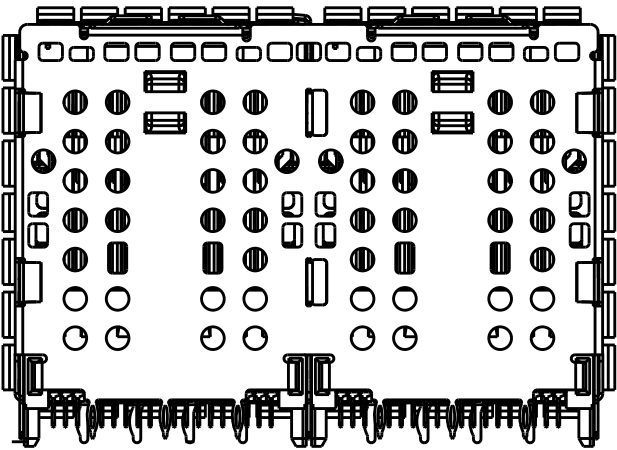
2299870-5  
SCALE 2:1



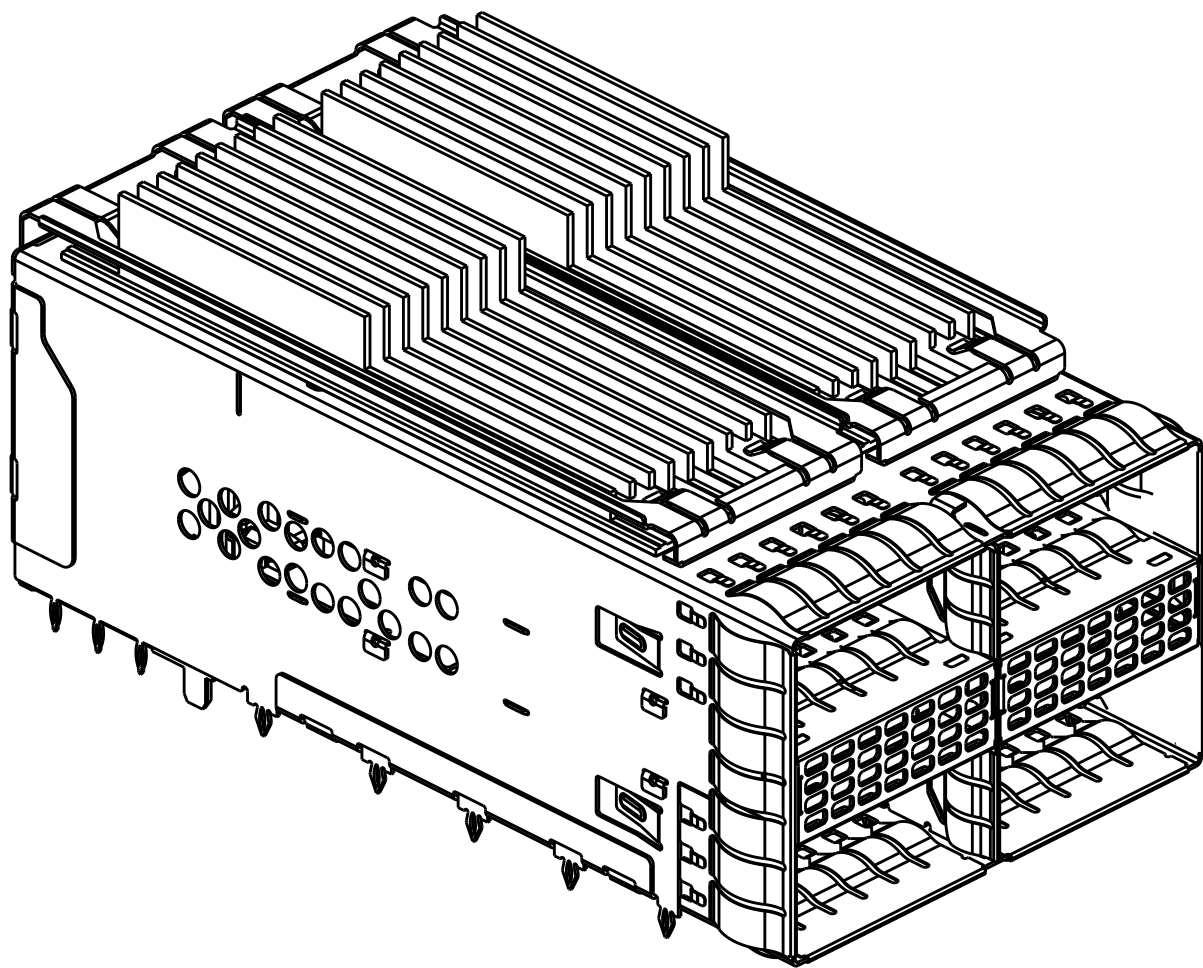
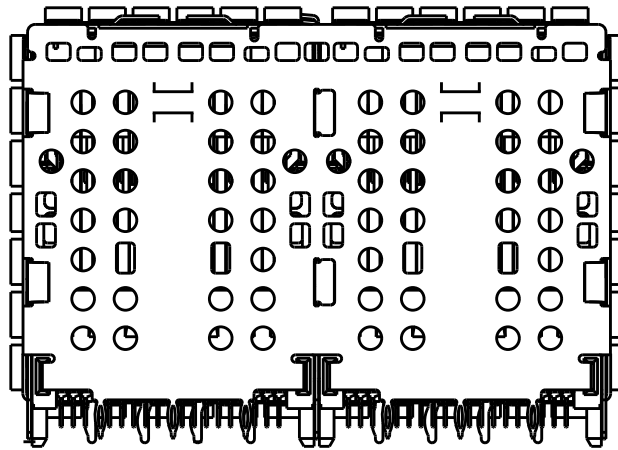
2299870-1  
SCALE 2:1



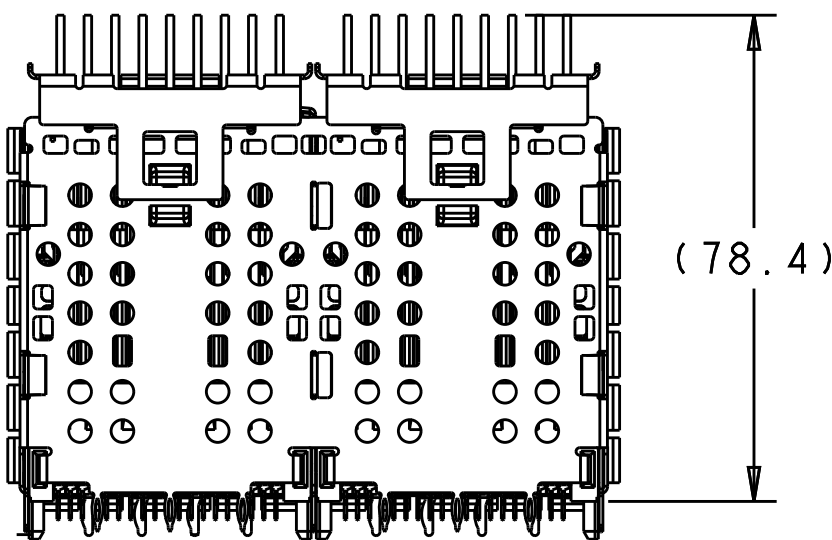
2299870-2  
SCALE 2:1



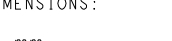
2299870-4  
SCALE 2:1



2299870-6  
SCALE 2:1



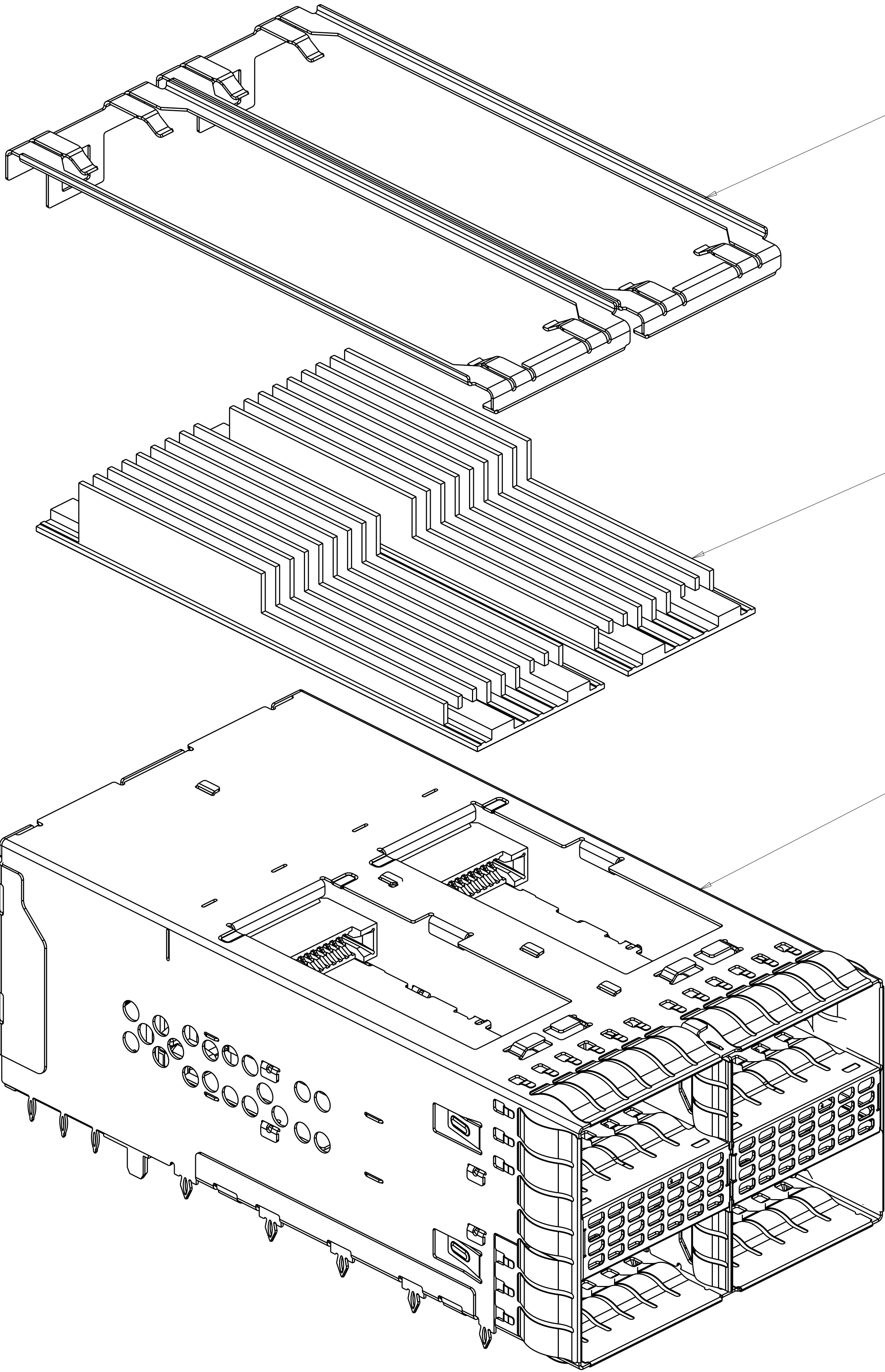
2299870-6  
SCALE 2:1

|                                                                                       |  |        |  |                                        |          |              |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|---------------------------------------------------------------------------------------|--|--------|--|----------------------------------------|----------|--------------|-----------|------------------|-------------------------------------------------------------------------------------------------------|------------------|--|-------|---------------------------------------------------------------------------------------------------|----------|--|-------|-----------|---|------|-----------|------------|---------------|--|-----|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |        |  | OWN                                    | TIM XUE  |              | 28JAN2016 |                  |  TE Connectivity |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  |        |  | CHK                                    | SEAN HAN |              | 28JAN2016 |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
| DIMENSIONS:                                                                           |  | mm     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |          | APVD         |           | SEAN HAN         |                                                                                                       | 28JAN2016        |  | NAME  | CAGE AND CONNECTOR ASSEMBLY WITH<br>EMI SPRING FINGERS, THRU BEZEL,<br>2X2 ZQSFP+ STACKED WITH HS |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  |        |  |                                        |          | PRODUCT SPEC |           | 108-60102        |                                                                                                       | APPLICATION SPEC |  |       |                                                                                                   |          |  |       | 114-60015 |   | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |  |     |  |   |  |
|  |  | 0 P/LC |  | ±                                      |          | ±0.25        |           |                  |                                                                                                       |                  |  | A1    | 00779                                                                                             | C-229870 |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  | 2 P/LC |  | ±                                      |          | ±0.15        |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  | 4 P/LC |  | ±                                      |          |              |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  | 4 P/LC |  | ±                                      |          |              |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
| MATERIAL                                                                              |  | ANGLES |  | ±                                      |          |              |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
|                                                                                       |  | FINISH |  |                                        |          |              |           |                  |                                                                                                       |                  |  |       |                                                                                                   |          |  |       |           |   |      |           |            |               |  |     |  |   |  |
| SEE NOTE 1                                                                            |  |        |  | SEE NOTE 2                             |          |              |           | CUSTOMER DRAWING |                                                                                                       |                  |  | SCALE |                                                                                                   | 4:1      |  | SHEET |           | 2 |      | OF        |            | 8             |  | REV |  | B |  |



| LOC |  | DIST |  | REVISIONS |     |             |  |      |
|-----|--|------|--|-----------|-----|-------------|--|------|
| GP  |  | 00   |  | P         | LTR | DESCRIPTION |  | DATE |
|     |  |      |  | -         |     | SEE SHEET 1 |  | -    |
|     |  |      |  |           |     |             |  |      |
|     |  |      |  |           |     |             |  |      |
|     |  |      |  |           |     |             |  |      |

2299870-3 AS SHOWN, KIT PACKAGE



HEAT SINK CLIP  
PN: 1-2300832-7

HEAT SINK  
PN: 1-2304280-3

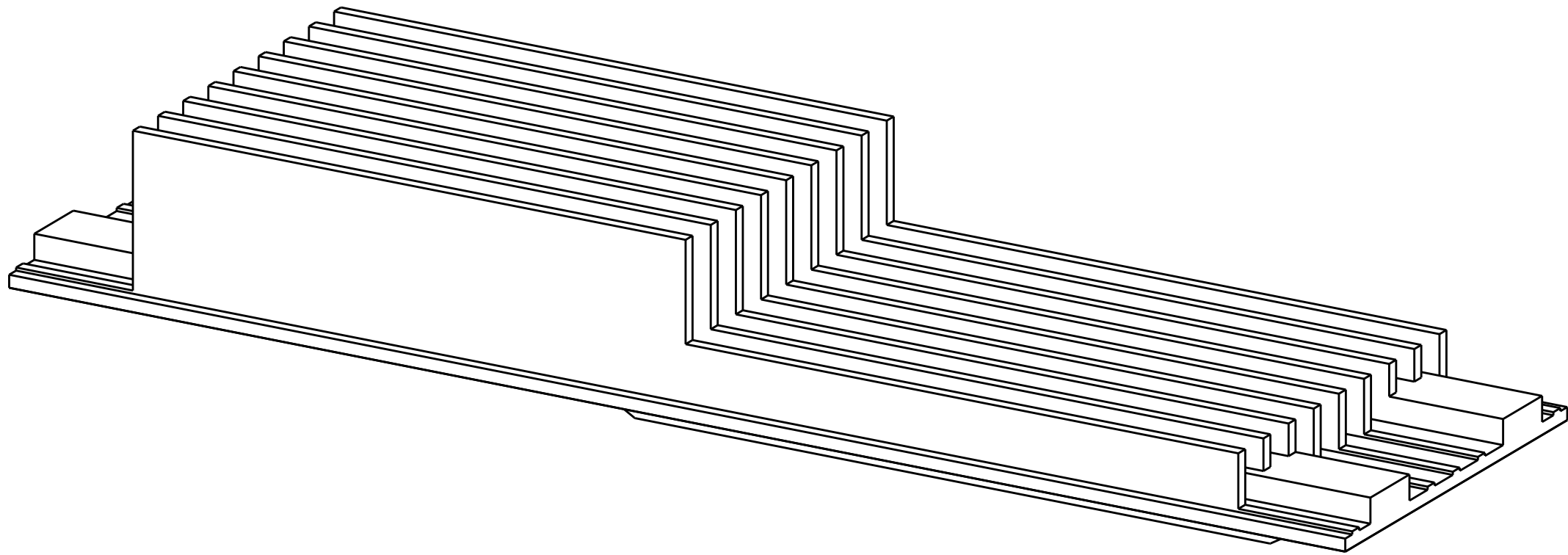
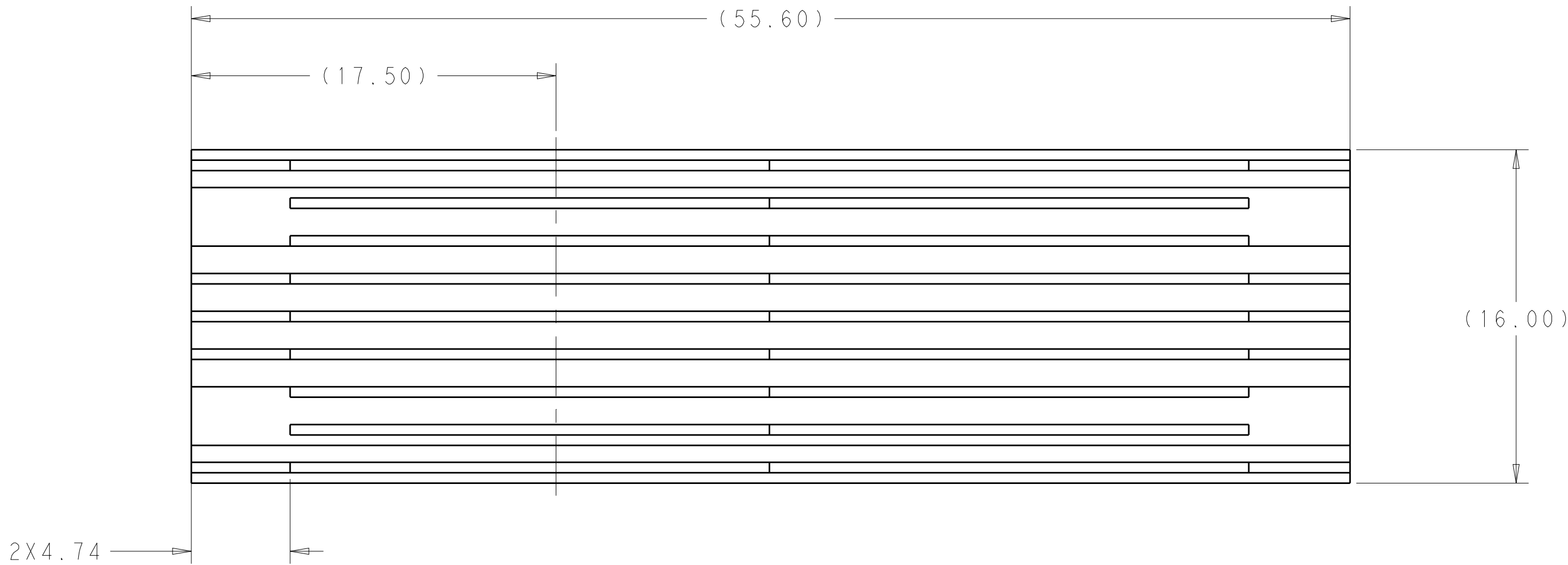
CAGE AND CONNECTOR ASSEMBLY  
PN: 2299870-4

SCALE 4:1

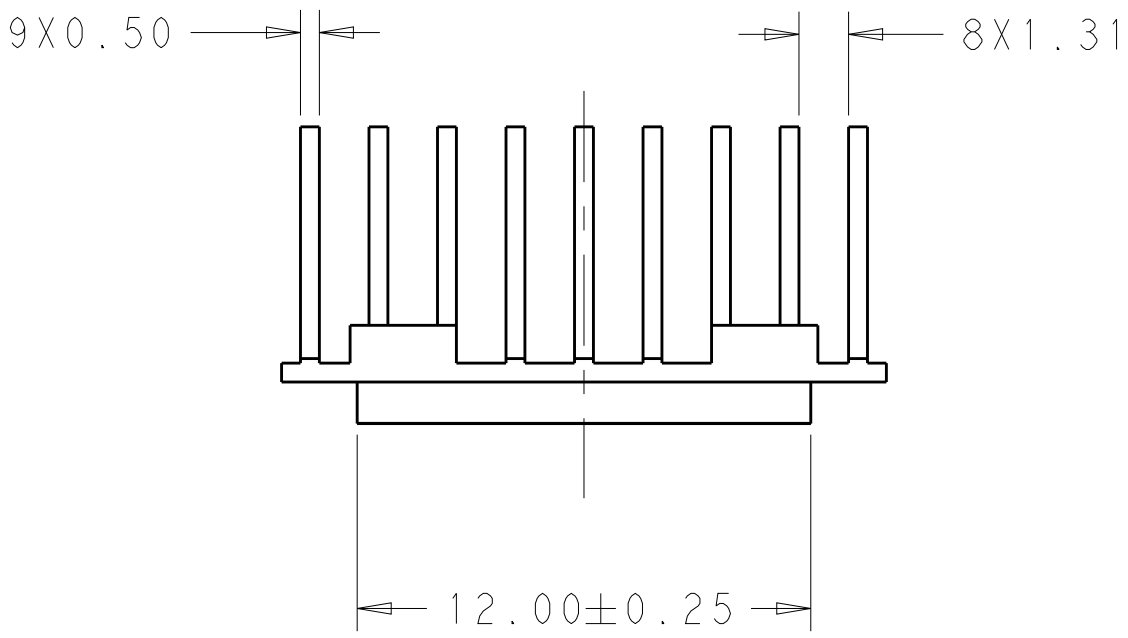
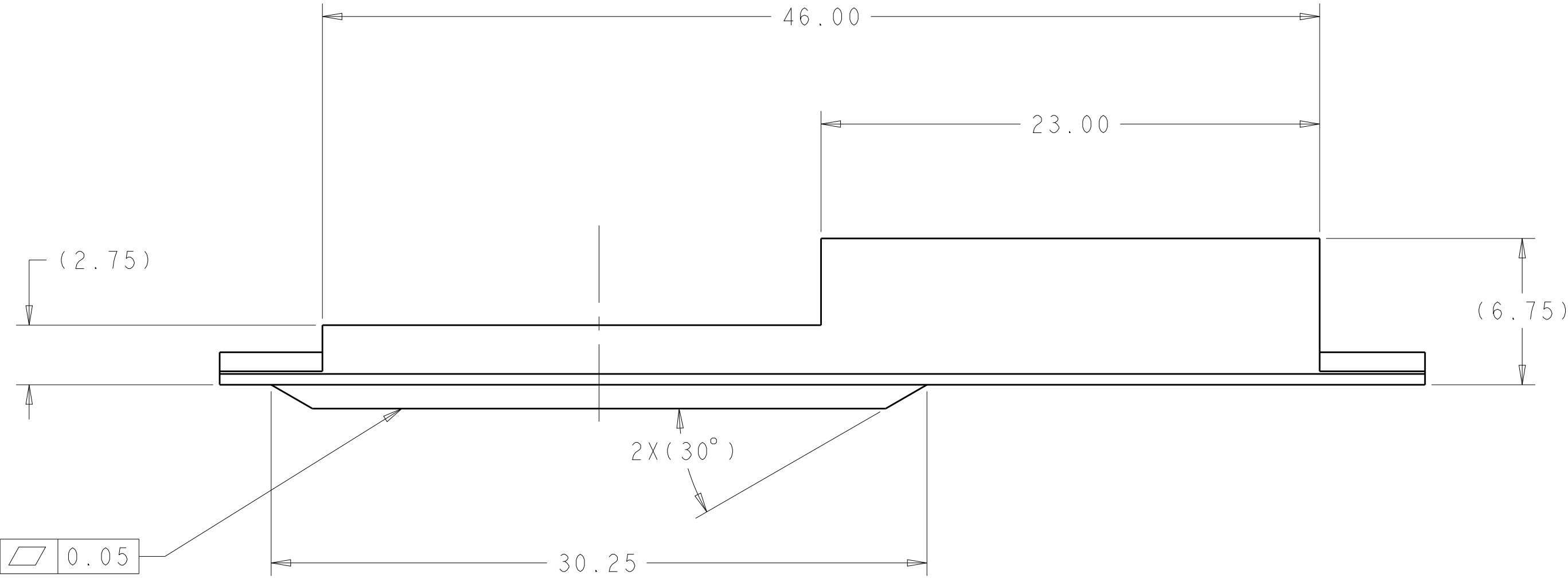
|                                                                                       |  |                                        |  |                                                                                                   |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|---------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| 2                                                                                     |  | 1-2300832-7                            |  | HEAT SINK CLIP                                                                                    |  | 3                                                                                                     |  |
| 2                                                                                     |  | 1-2304280-3                            |  | HEAT SINK                                                                                         |  | 2                                                                                                     |  |
| 1                                                                                     |  | 2299870-4                              |  | CAGE AND CONNECTOR ASSEMBLY                                                                       |  | 1                                                                                                     |  |
| 2299870-3                                                                             |  | PART NUMBER                            |  | DESCRIPTION                                                                                       |  | ITEM                                                                                                  |  |
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        |  | DWN: M XUE 28JAN2016                                                                              |  |  TE Connectivity |  |
|                                                                                       |  |                                        |  | CHK: SEAN HAN 28JAN2016                                                                           |  |                                                                                                       |  |
|                                                                                       |  |                                        |  | APVD: SEAN HAN 28JAN2016                                                                          |  |                                                                                                       |  |
|                                                                                       |  |                                        |  | NAME: CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS |  |                                                                                                       |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC                                                                                      |  |                                                                                                       |  |
| mm                                                                                    |  |                                        |  | 108-60102                                                                                         |  |                                                                                                       |  |
|  |  | 0 PLC ±.1                              |  | APPLICATION SPEC                                                                                  |  |                                                                                                       |  |
|                                                                                       |  | 1 PLC ±0.25                            |  | 114-60015                                                                                         |  |                                                                                                       |  |
|                                                                                       |  | 2 PLC ±0.15                            |  |                                                                                                   |  |                                                                                                       |  |
|                                                                                       |  | 3 PLC ±.1                              |  |                                                                                                   |  |                                                                                                       |  |
| 4 PLC ±.1                                                                             |  | ANGLES ±.1                             |  |                                                                                                   |  |                                                                                                       |  |
| MATERIAL                                                                              |  | FINISH                                 |  | WEIGHT                                                                                            |  | RESTRICTED TO                                                                                         |  |
| SEE NOTE 1                                                                            |  | SEE NOTE 2                             |  | -                                                                                                 |  | -                                                                                                     |  |
| CUSTOMER DRAWING                                                                      |  |                                        |  | SIZE                                                                                              |  | CAGE CODE                                                                                             |  |
|                                                                                       |  |                                        |  | A1                                                                                                |  | DRAWING NO                                                                                            |  |
|                                                                                       |  |                                        |  | 00779                                                                                             |  | C=2299870                                                                                             |  |
|                                                                                       |  |                                        |  | SCALE                                                                                             |  | 4:1                                                                                                   |  |
|                                                                                       |  |                                        |  | SHEET                                                                                             |  | 3 OF 8                                                                                                |  |
|                                                                                       |  |                                        |  | REV                                                                                               |  | B                                                                                                     |  |



| LOC |    | DIST |     | REVISIONS   |      |     |      |  |  |
|-----|----|------|-----|-------------|------|-----|------|--|--|
| GP  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |  |
|     |    |      |     |             |      |     |      |  |  |
|     |    |      |     |             |      |     |      |  |  |
|     |    |      |     |             |      |     |      |  |  |



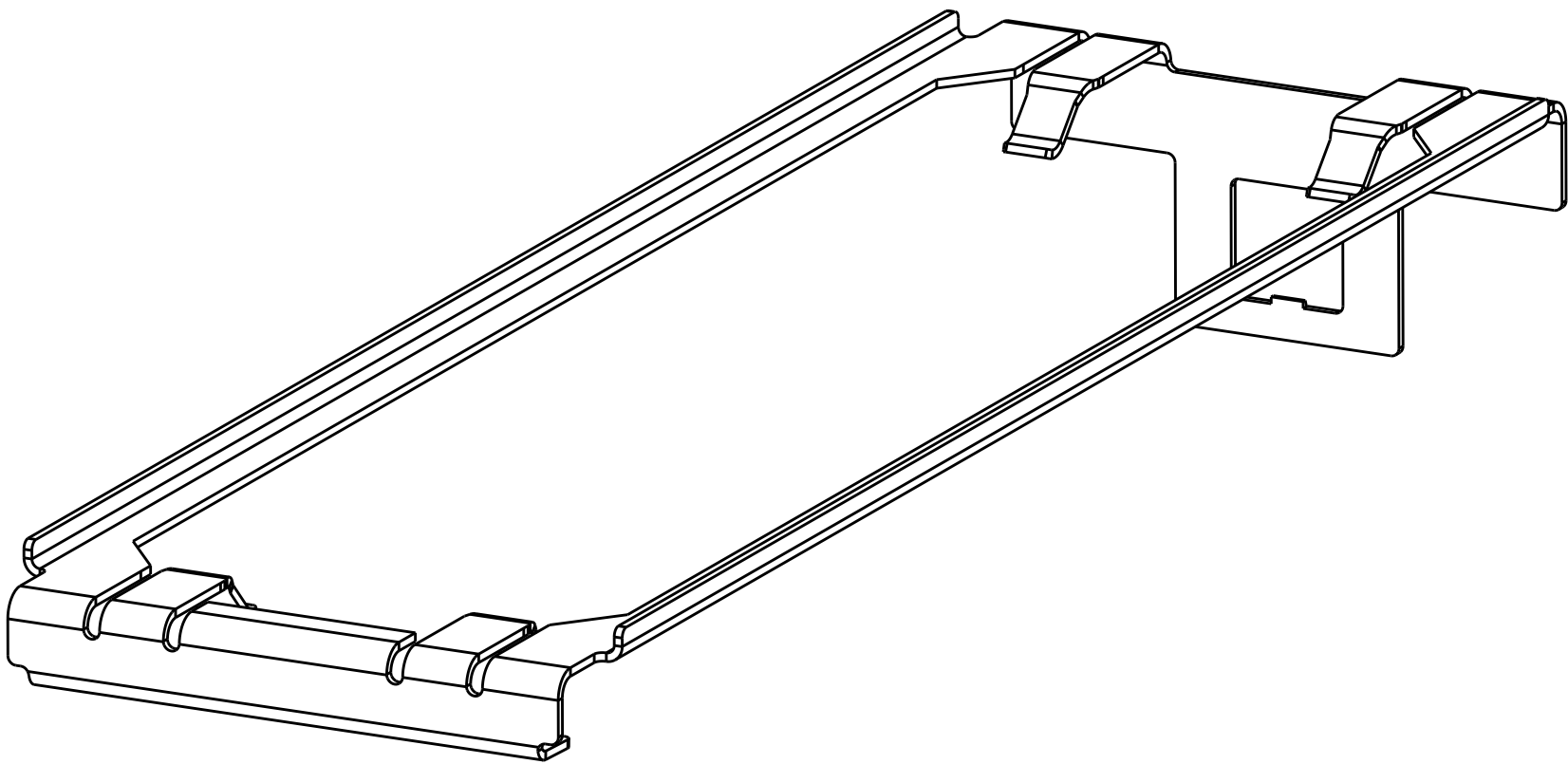
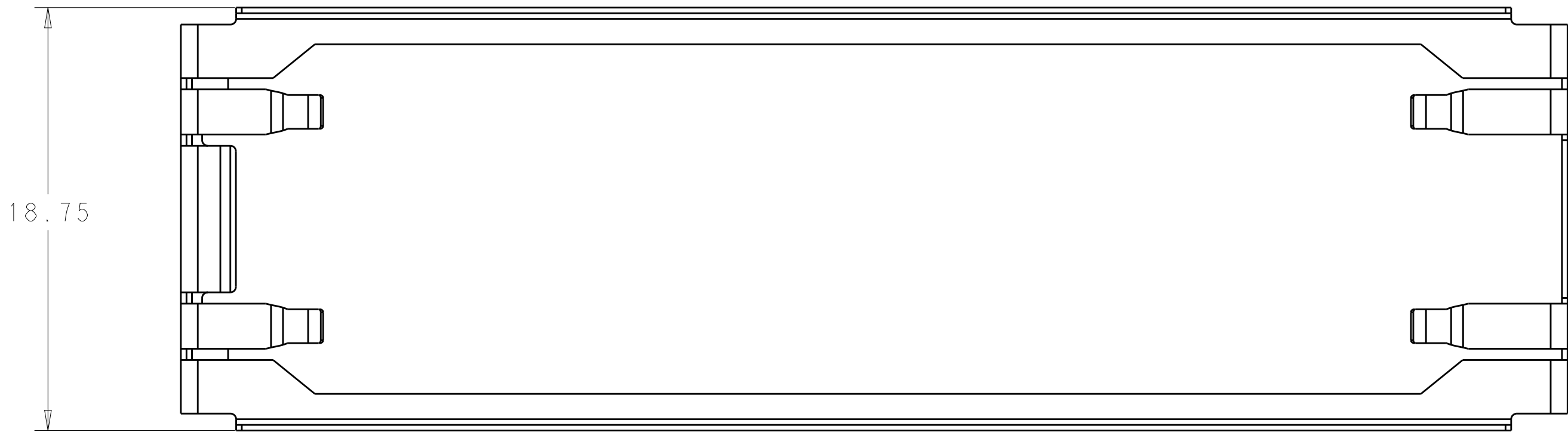
1-2304280-3 HEAT SINK SHOWN  
SCALE 5:1



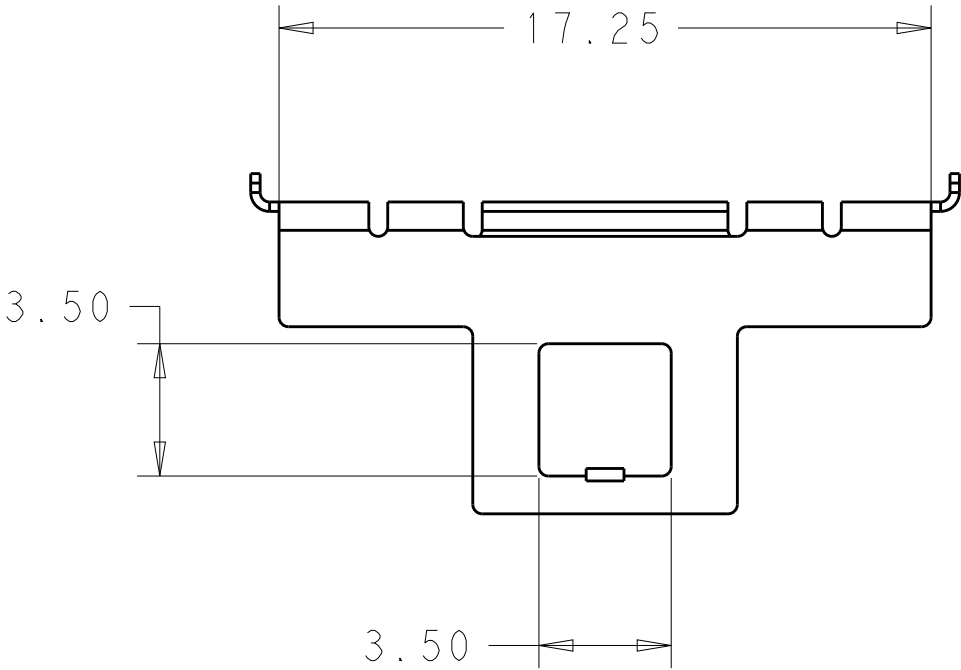
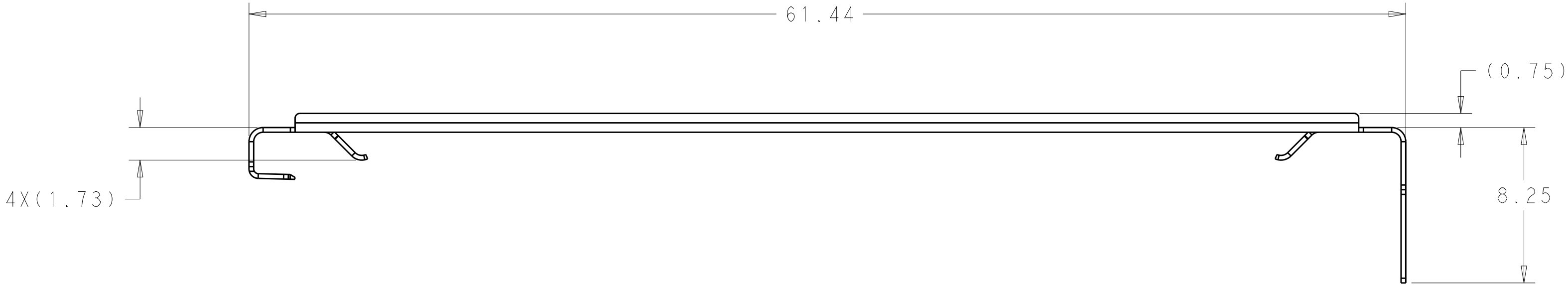
|                                        |  |                                        |  |                  |           |                  |                 |              |
|----------------------------------------|--|----------------------------------------|--|------------------|-----------|------------------|-----------------|--------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |                                        |  | DWN              | TIM XUE   | 28JAN2016        | TE Connectivity |              |
|                                        |  |                                        |  | CHK              | SEAN HAN  | 28JAN2016        |                 |              |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD             | SEAN HAN  | 28JAN2016        | NAME            |              |
|                                        |  |                                        |  | PRODUCT SPEC     | 108-60102 | APPLICATION SPEC |                 |              |
|                                        |  |                                        |  | ANGLES           | 114-60015 | FINISH           |                 |              |
| MATERIAL                               |  |                                        |  | WEIGHT           | -         | SIZE             |                 |              |
| SEE NOTE 1                             |  | SEE NOTE 2                             |  | CUSTOMER DRAWING |           | A100779C=2299870 |                 |              |
|                                        |  |                                        |  |                  |           | SCALE            | 4:1             | SHEET 4 OF 8 |
|                                        |  |                                        |  |                  |           |                  |                 | REV B        |



| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



1-2300832-7, HEAT SINK CLIP  
SCALE 5:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
TIM XUE  
28JAN2016

CHK  
SEAN HAN  
28JAN2016

APVD  
SEAN HAN  
28JAN2016

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.015  
1 PLC ±.025  
2 PLC ±.015  
3 PLC ±.015  
4 PLC ±.015  
ANGLES ±.015  
FINISH ±.015

MATERIAL

SEE NOTE 1

SEE NOTE 2

CUSTOMER DRAWING

NAME

CAGE AND CONNECTOR ASSEMBLY WITH EMI SPRING FINGERS, THRU BEZEL, 2X2 ZQSFP+ STACKED WITH HS

SIZE

A1

CAGE CODE

00779

DRAWING NO

2299870

RESTRICTED TO

-

SCALE

4:1

SHEET

5

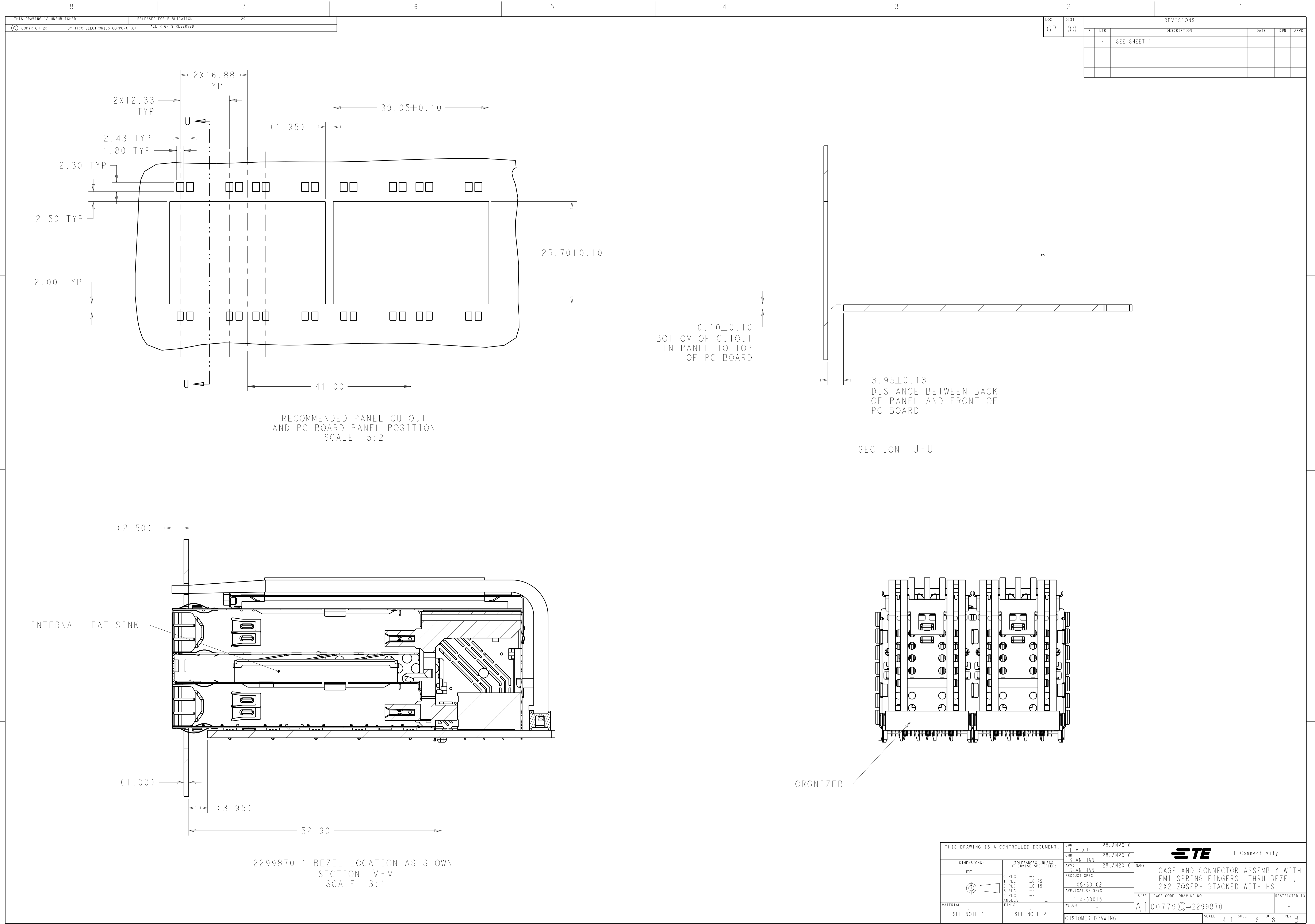
OF

8

REV

B

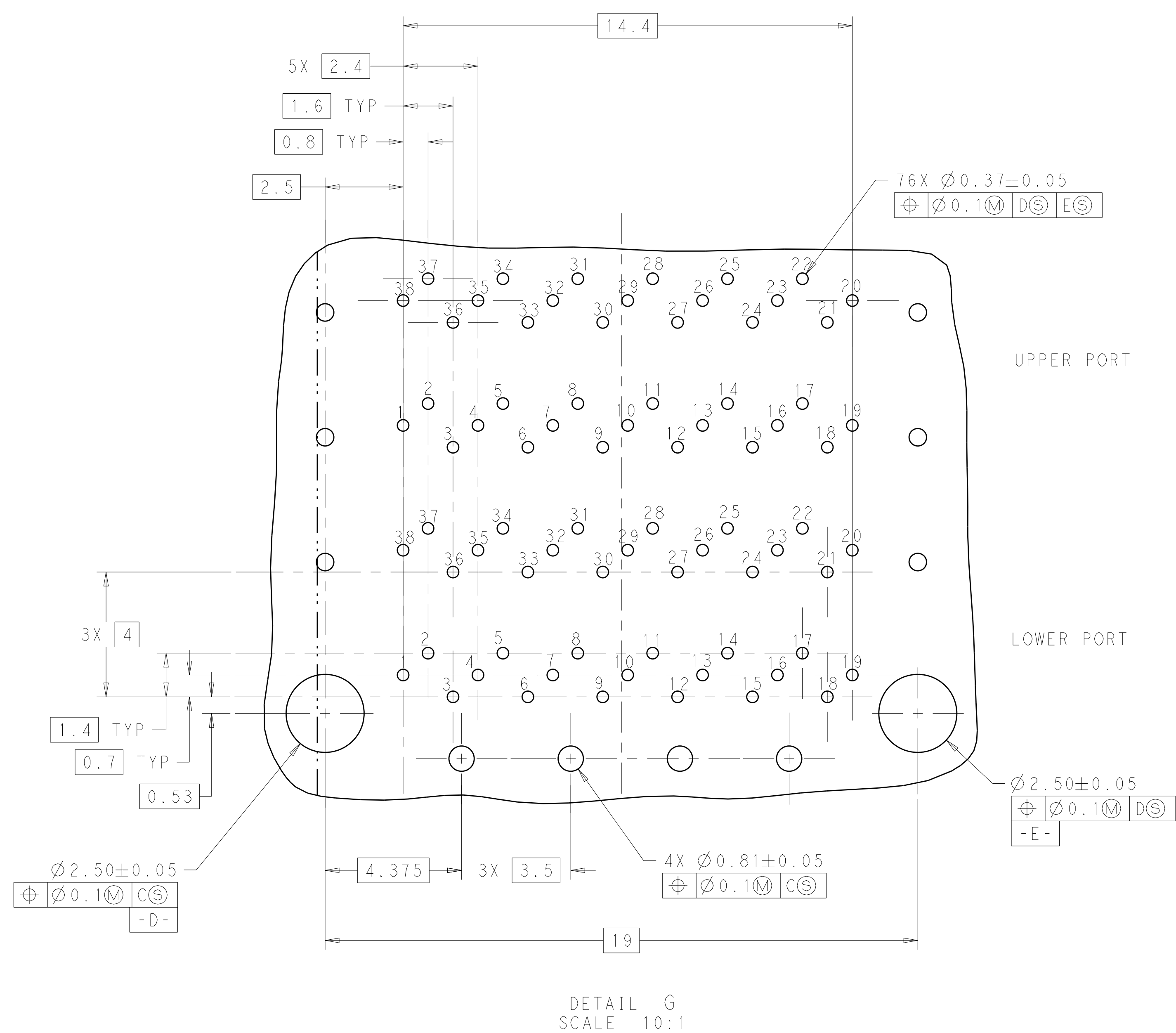




| LOC |    | DIST |     | REVISIONS   |      |     |      |  |
|-----|----|------|-----|-------------|------|-----|------|--|
| GP  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |
|     |    |      |     |             |      |     |      |  |
|     |    |      |     |             |      |     |      |  |

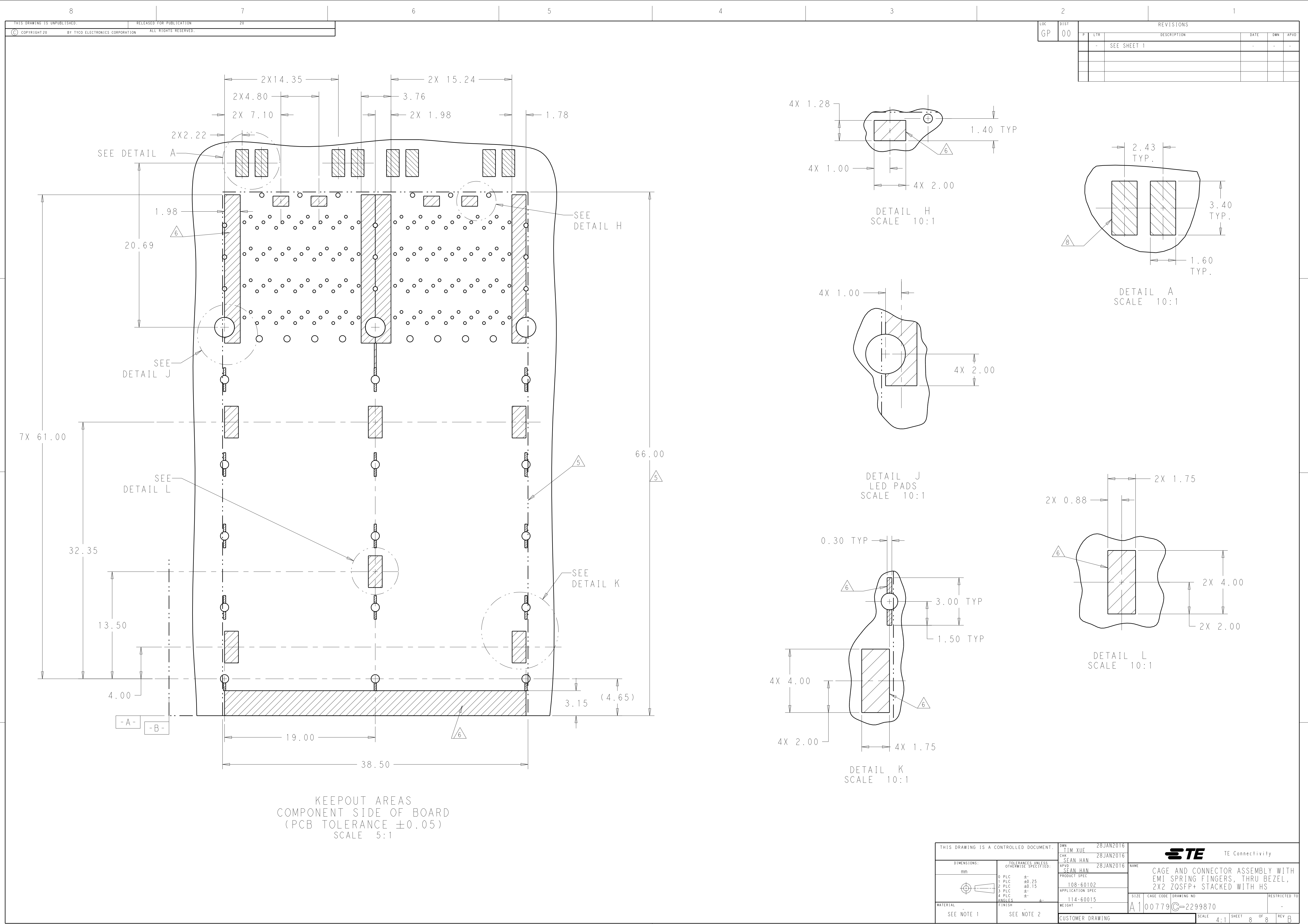
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|---------------------------------------------------------------------------------------|--|--|--|----------------------------------------|----------|--|-----------|--------------|-------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |  |  | DWN                                    | TIM XUE  |  | 28JAN2016 |              |  TE Connectivity |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  | CHK                                    | SEAN HAN |  | 28JAN2016 |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
| DIMENSIONS:                                                                           |  |  |  | APVD                                   | SEAN HAN |  | 28JAN2016 |              | NAME                                                                                                  |           | CAGE AND CONNECTOR ASSEMBLY WITH<br>EMI SPRING FINGERS, THRU BEZEL,<br>2X2 ZOSFP+ STACKED WITH HS |            |  |               |  |
| mm                                                                                    |  |  |  |                                        |          |  |           | PRODUCT SPEC |                                                                                                       |           |                                                                                                   |            |  |               |  |
|  |  |  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |          |  |           | 108-60102    |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  | 0 PLC ±                                |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  | 1 PLC ±0.25                            |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  | 2 PLC ±0.15                            |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  | 3 PLC ±                                |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
| 4 PLC ±                                                                               |  |  |  | APPLICATION SPEC                       |          |  |           | SIZE         |                                                                                                       | CAGE CODE |                                                                                                   | DRAWING NO |  | RESTRICTED TO |  |
| ANGLES ±                                                                              |  |  |  | 114-60015                              |          |  |           | A1           |                                                                                                       | 100779    |                                                                                                   | C=2299870  |  | -             |  |
| FINISH                                                                                |  |  |  | WEIGHT                                 |          |  |           | -            |                                                                                                       |           |                                                                                                   |            |  |               |  |
| MATERIAL                                                                              |  |  |  | CUSTOMER DRAWING                       |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
| SEE NOTE 1                                                                            |  |  |  | SEE NOTE 2                             |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  |               |  |
|                                                                                       |  |  |  |                                        |          |  |           |              |                                                                                                       |           |                                                                                                   |            |  | </            |  |



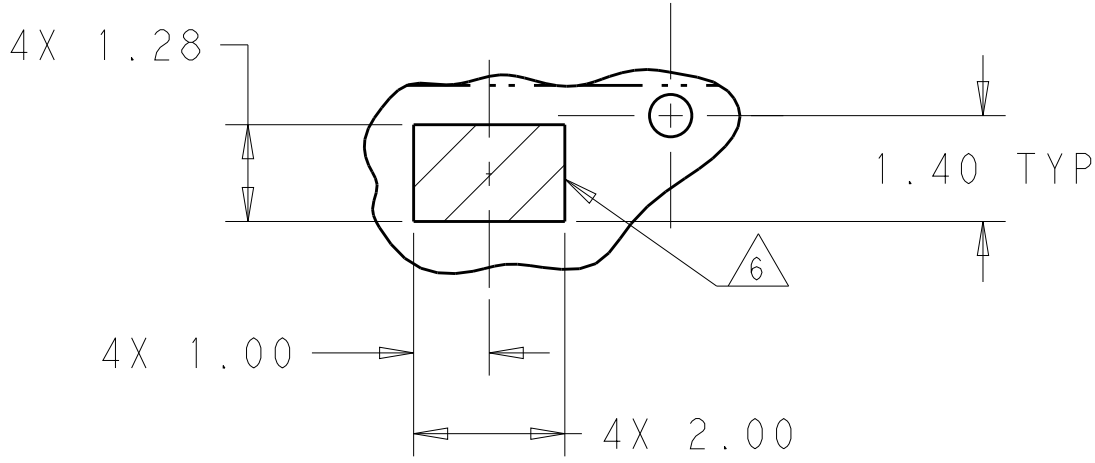


|                                                                                                         |  |                                                                                                                           |  |                                                                                                         |  |
|---------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                  |  | DWN: 28JAN2016<br>TIM XUE<br>CHK: 28JAN2016<br>SEAN HAN<br>APP'D: 28JAN2016                                               |  |  TE Connectivity   |  |
| DIMENSIONS: mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.1<br>1 PLC ±.25<br>2 PLC ±.015<br>3 PLC ±.1<br>4 PLC ±.1<br>ANGLES ±.1° |  | NAME: CAGE AND CONNECTOR ASSEMBLY WITH<br>EMI SPRING FINGERS, THRU BEZEL,<br>2X2 ZQSFP+ STACKED WITH HS |  |
| MATERIAL: SEE NOTE 1                                                                                    |  | FINISH: SEE NOTE 2                                                                                                        |  | PRODUCT SPEC: 108-60102<br>APPLICATION SPEC: 114-60015<br>WEIGHT: -                                     |  |
|                                                                                                         |  | CUSTOMER DRAWING                                                                                                          |  | SIZE: CAGE CODE: DRAWING NO: A100779 © 2299870<br>SCALE: 4:1 SHEET 7 OF 8 REV B                         |  |

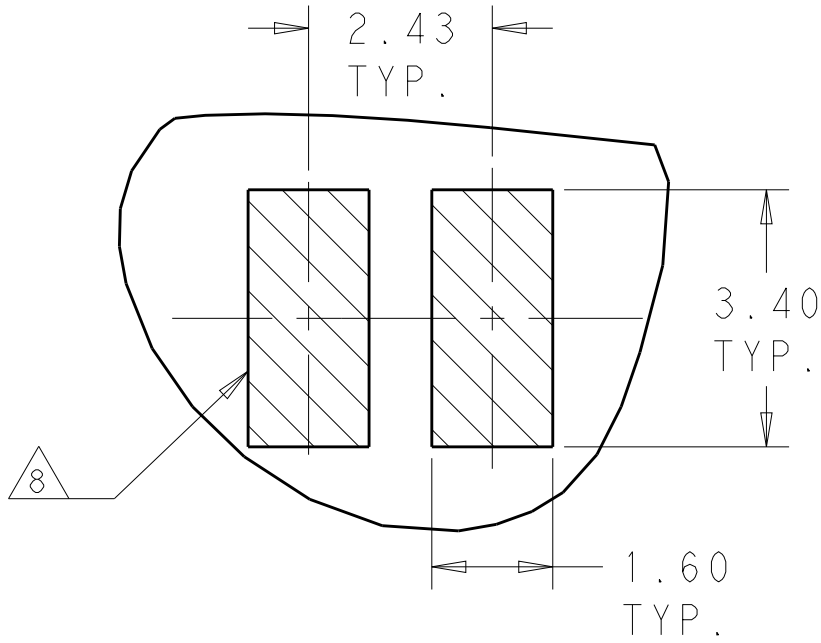




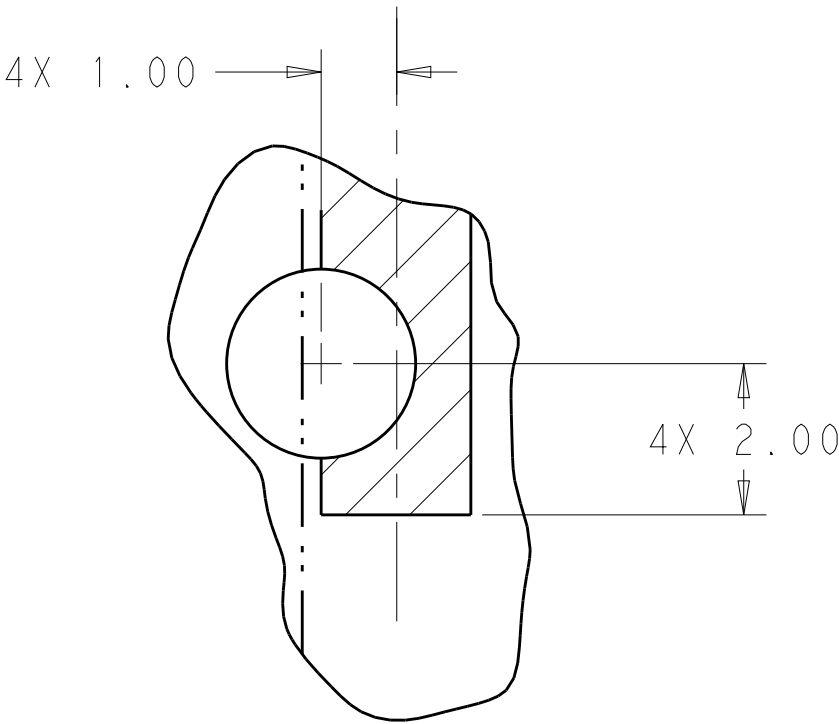
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |
|     |      |           |     |             |      |     |      |



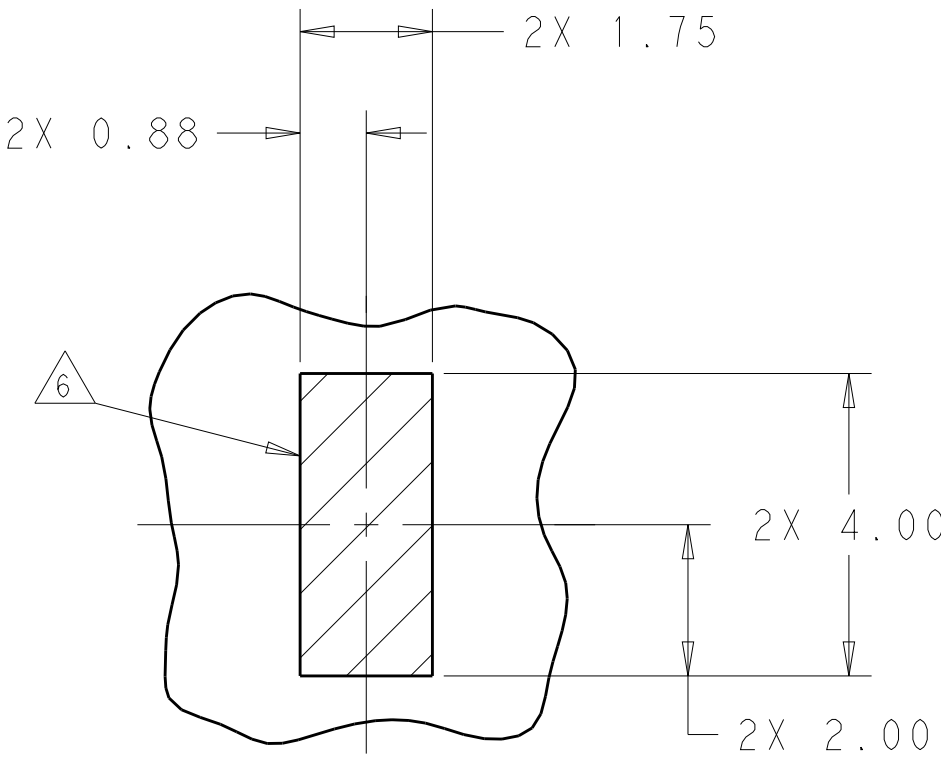
DETAIL H  
SCALE 10:1



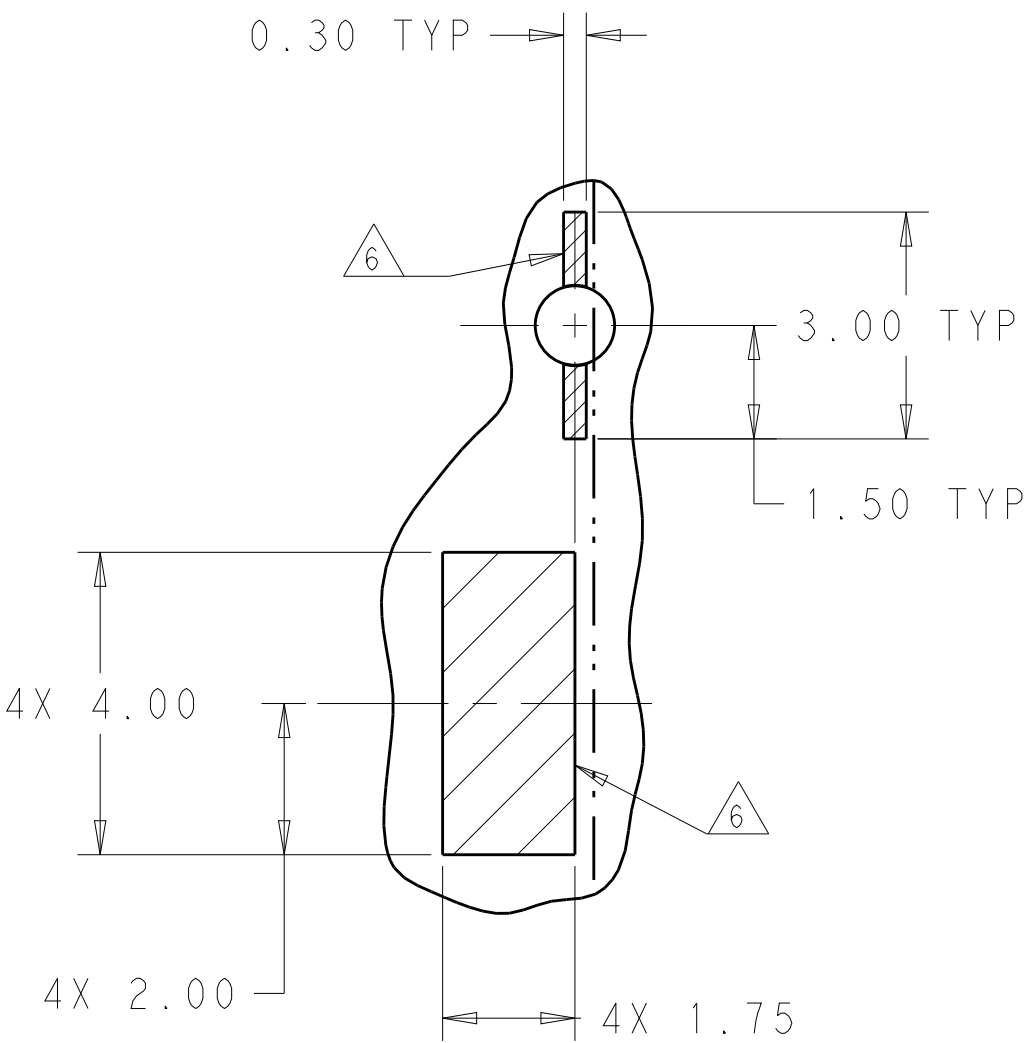
DETAIL A  
SCALE 10:1



DETAIL J  
LED PADS  
SCALE 10:1

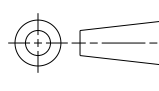


DETAIL L  
SCALE 10:1



DETAIL K  
SCALE 10:1

KEEPOUT AREAS  
COMPONENT SIDE OF BOARD  
(PCB TOLERANCE  $\pm 0.05$ )  
SCALE 5:1

|                                                                                       |                                        |                               |                                                                                                       |  |
|---------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>TIM XUE<br>28JAN2016   |  TE Connectivity |  |
| DIMENSIONS:                                                                           |                                        | CHK<br>SEAN HAN<br>28JAN2016  |                                                                                                       |  |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>SEAN HAN<br>28JAN2016 | NAME                                                                                                  |  |
|  | 0 PLC                                  | ±                             | PRODUCT SPEC                                                                                          |  |
|                                                                                       | 1 PLC                                  | ±0.25                         | 108-60102                                                                                             |  |
|                                                                                       | 2 PLC                                  | ±0.15                         | APPLICATION SPEC                                                                                      |  |
|                                                                                       | 3 PLC                                  | ±                             | 114-60015                                                                                             |  |
| MATERIAL                                                                              | FINISH                                 | WEIGHT                        | SIZE                                                                                                  |  |
| SEE NOTE 1                                                                            | SEE NOTE 2                             | -                             | A100779C=2299870                                                                                      |  |
| CUSTOMER DRAWING                                                                      |                                        | SCALE                         | SHEET                                                                                                 |  |
|                                                                                       |                                        | 4:1                           | 8 OF 8                                                                                                |  |
|                                                                                       |                                        |                               | REV B                                                                                                 |  |