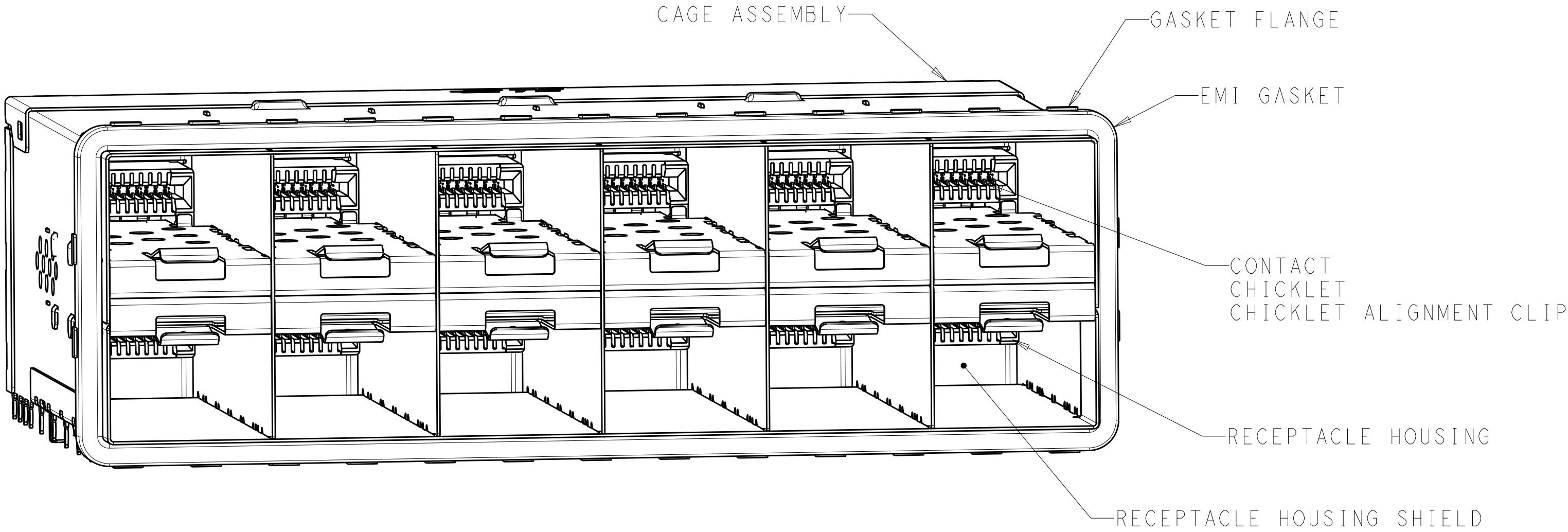
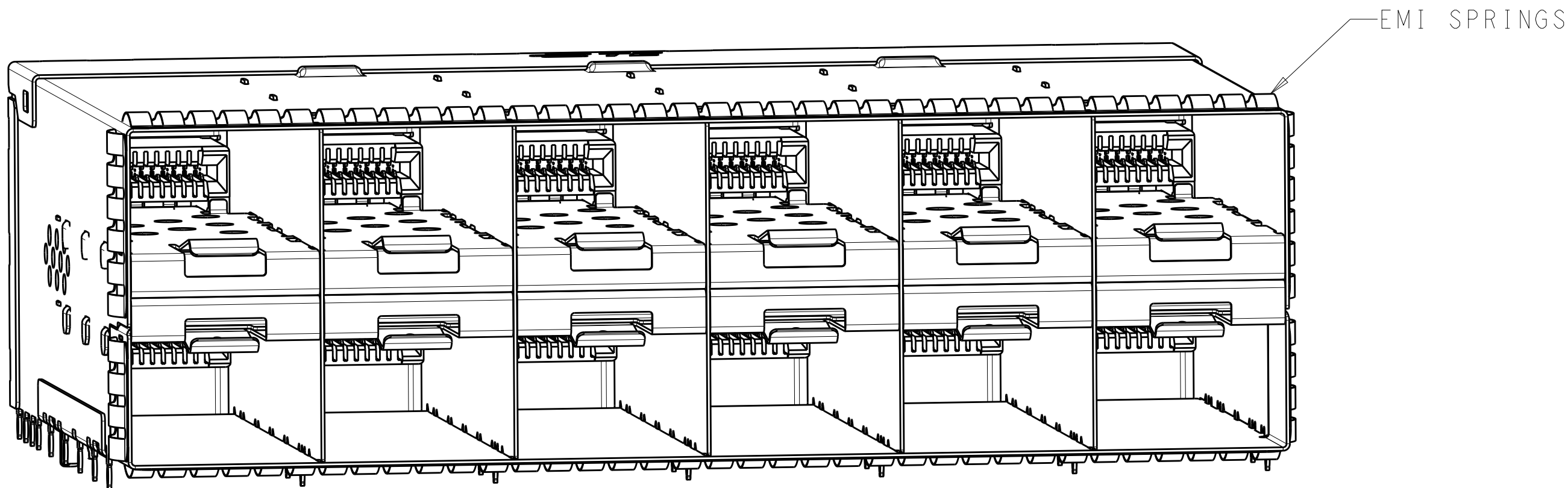


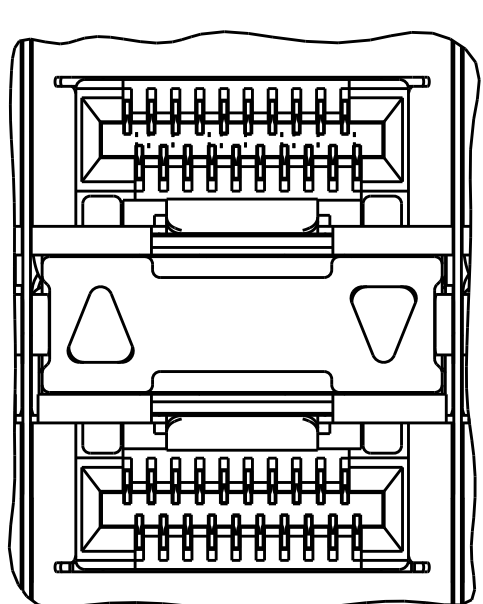
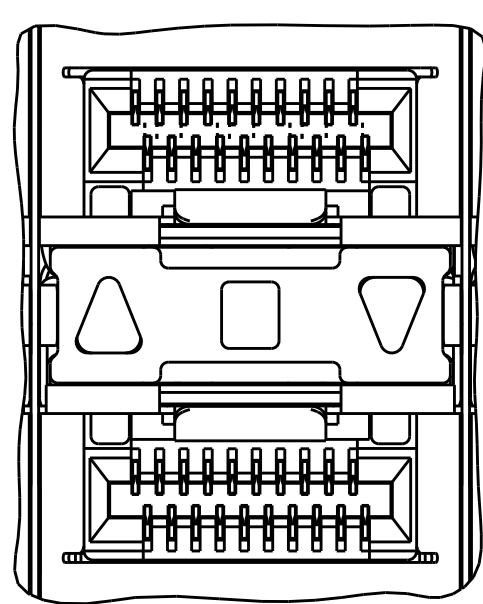
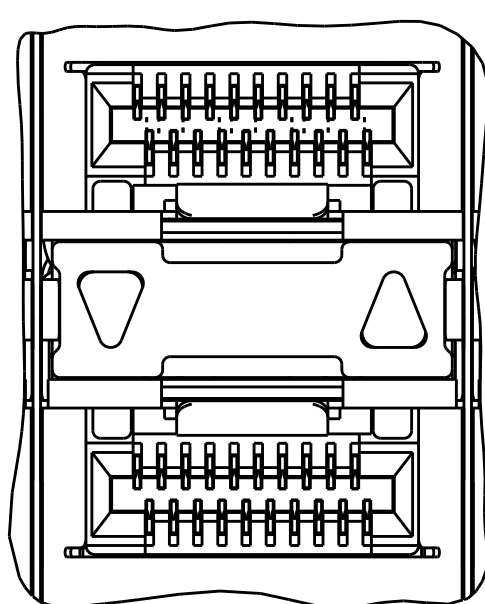
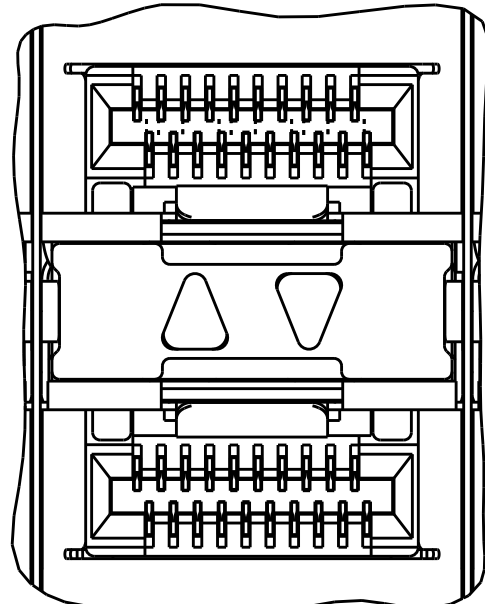
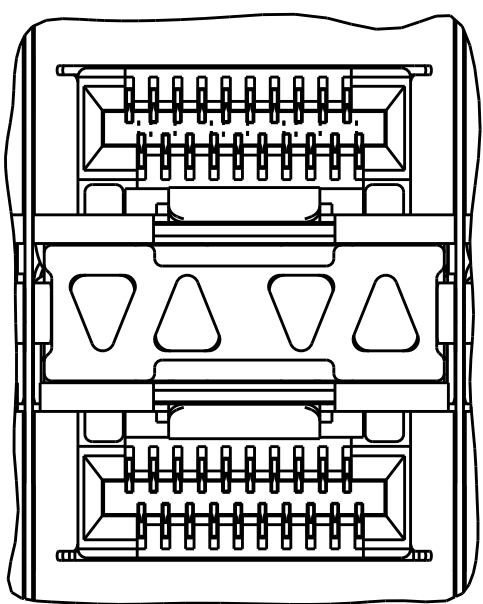
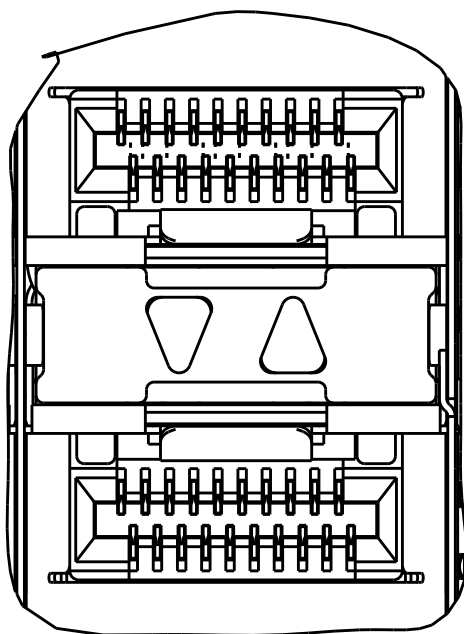
| LOC | DIST | REVISIONS |     |                            |           |     |      |  |
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| GP  | 00   | P         | LTR | DESCRIPTION                | DATE      | DWN | APVD |  |
|     |      | A         |     | RELEASED PER ECO-14-008758 | 16JUN2014 | CJV | PAR  |  |
|     |      | B         |     | REVISED PER ECO-15-010819  | 10AUG2015 | PP  | SH   |  |
|     |      | B1        |     | REVISED PER ECO-16-004263  | 17MAR2016 | KQ  | SH   |  |
|     |      | B2        |     | REVISED PER ECO-16-013988  | 05SEP2016 | PP  | SH   |  |



2198339-1  
SCALE 3:1



2198339-5  
SCALE 3:1



1. MATERIALS:  
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122  
CONNECTOR HOUSING - LCP, BLACK, UL 94V-O RATED  
CONNECTOR HOUSING SHIELD - COPPER ALLOY  
CHICKLET - LCP, BLACK, UL 94V-O RATED  
CHICKLET ALIGNMENT CLIP - PBT  
CONTACT - COPPER ALLOY  
EMI GASKET - ELASTOMERIC  
GASKET FLANGE - STAINLESS STEEL  
EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B 103,  
0.8µm MIN TIN PER ASTM B 545  
LIGHT PIPE - POLYCARBONATE  
LIGHT PIPE HOUSING - ZINC ALLOY

2. CONTACT FINISH:  
CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

3. PCB MINIMUM THICKNESS = 1.5mm

4. FOR HOLE SIZE AND PLATINGS,  
SEE APPLICATION SPECIFICATION 114-13319

5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE  
LED PACKAGE WITH A HEIGHT OF 0.8mm

6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY

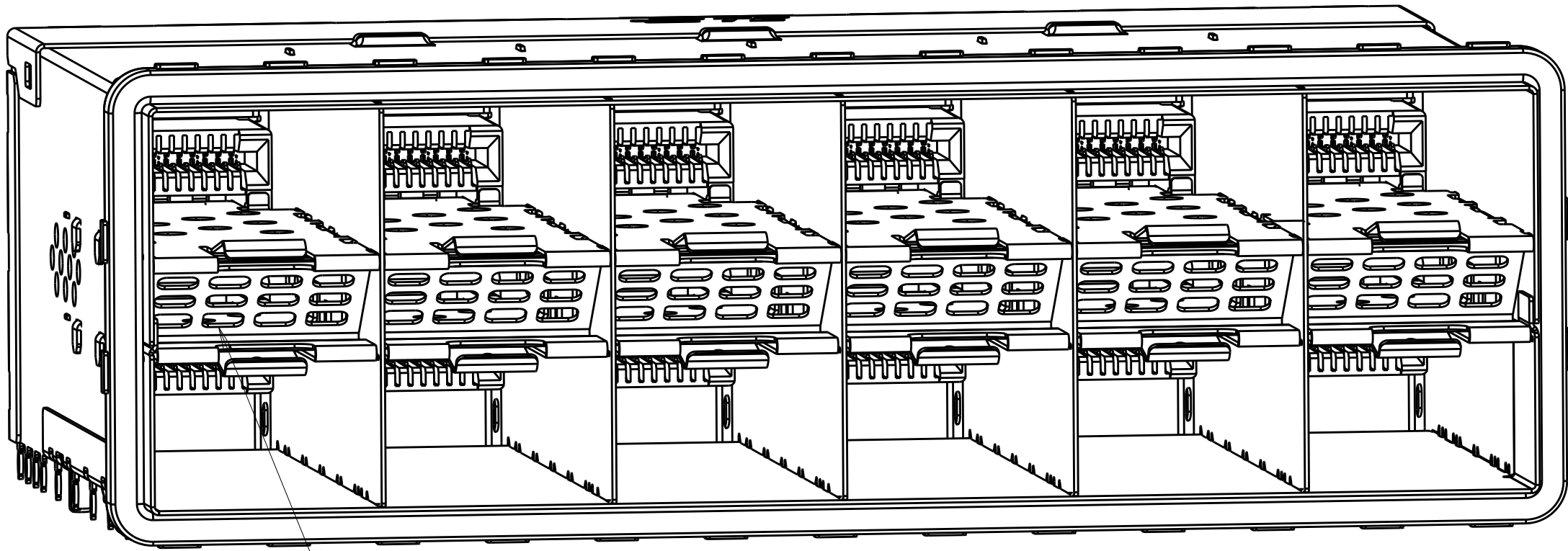
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN

|       |                                 |                          |             |
|-------|---------------------------------|--------------------------|-------------|
| 88    | EMI SPRING AIRFLOW ENHANCE TYPE | NONE                     | 3-2198339-1 |
| 90.75 | EMI GASKET AIRFLOW ENHANCE TYPE | NONE                     | 3-2198339-0 |
| 88    | EMI SPRINGS                     | REVERSED INNER           | 2-2198339-1 |
|       |                                 | REVERSED OUTER           | 2-2198339-0 |
|       |                                 | CENTER/REVERSED OUTER    | 1-2198339-9 |
| 90.75 | EMI GASKET                      | REVERSED OUTER           | 1-2198339-8 |
|       |                                 | CENTER/REVERSED OUTER    | 1-2198339-7 |
| 88    | EMI SPRINGS                     | OUTER                    | 2198339-8   |
|       |                                 | INNER                    | 2198339-7   |
|       |                                 | INNER/OUTER              | 2198339-6   |
|       |                                 | NONE                     | 2198339-5   |
| 90.75 | EMI GASKET                      | OUTER                    | 2198339-4   |
|       |                                 | INNER                    | 2198339-3   |
|       |                                 | INNER/OUTER              | 2198339-2   |
|       |                                 | NONE                     | 2198339-1   |
| (E)   | CAGE TYPE                       | LIGHT PIPE CONFIGURATION | PART NUMBER |

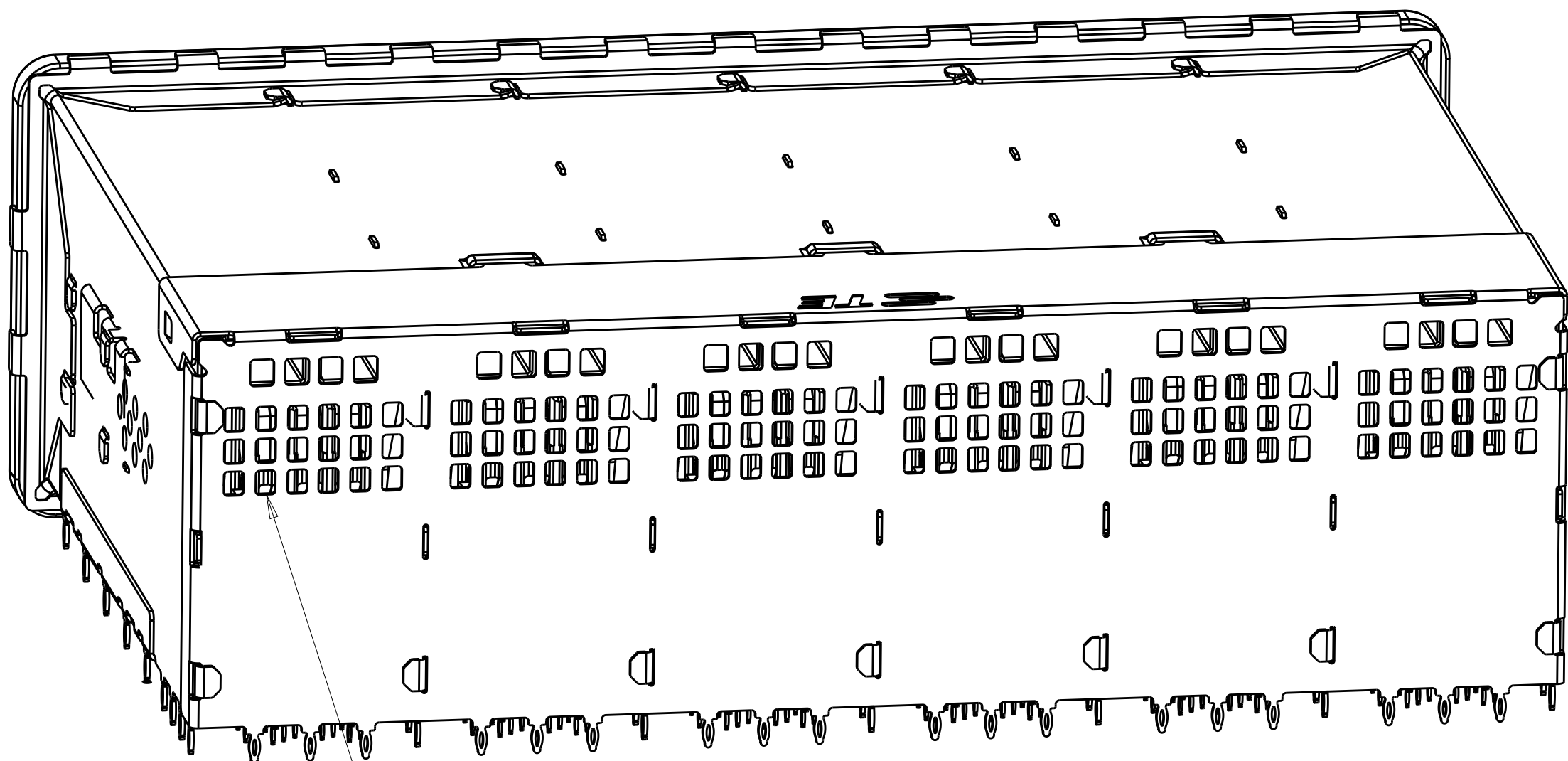
|                                        |                                        |                                    |                                                |                  |
|----------------------------------------|----------------------------------------|------------------------------------|------------------------------------------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M.E. CONWHER<br>07DEC2011   | TE Connectivity                                |                  |
| DIMENSIONS:                            |                                        | CHK<br>M.D. MORRISON<br>13DEC2011  |                                                |                  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M.D. MORRISON<br>13DEC2011 | NAME<br>RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+ |                  |
|                                        | 0 PLC                                  | ±                                  | PRODUCT SPEC                                   | SIZE             |
|                                        | 1 PLC                                  | ±0.20                              | 108-2481                                       | CAGE CODE        |
|                                        | 2 PLC                                  | ±0.15                              | APPLICATION SPEC                               | DRAWING NO       |
|                                        | 3 PLC                                  | ±0.10                              | 114-13319                                      | RESTRICTED TO    |
|                                        | 4 PLC                                  | ±                                  | WEIGHT                                         | A100779C=2198339 |
| MATERIAL                               | FINISH                                 | ±°                                 | CUSTOMER DRAWING                               | SCALE 1:1        |
| SEE NOTES                              | SEE NOTES                              |                                    |                                                | SHEET 1 OF 6     |
|                                        |                                        |                                    |                                                | REV B2           |

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

AIRFOLW ENHANCE TYPE

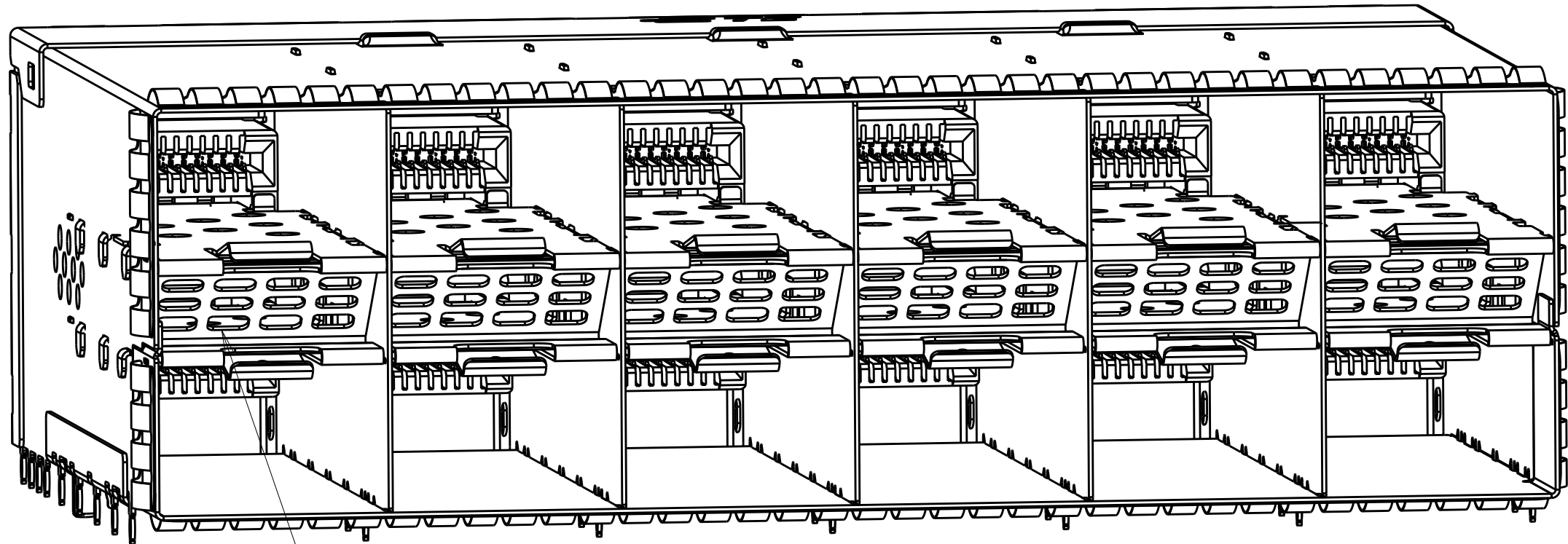


AIR VENTS

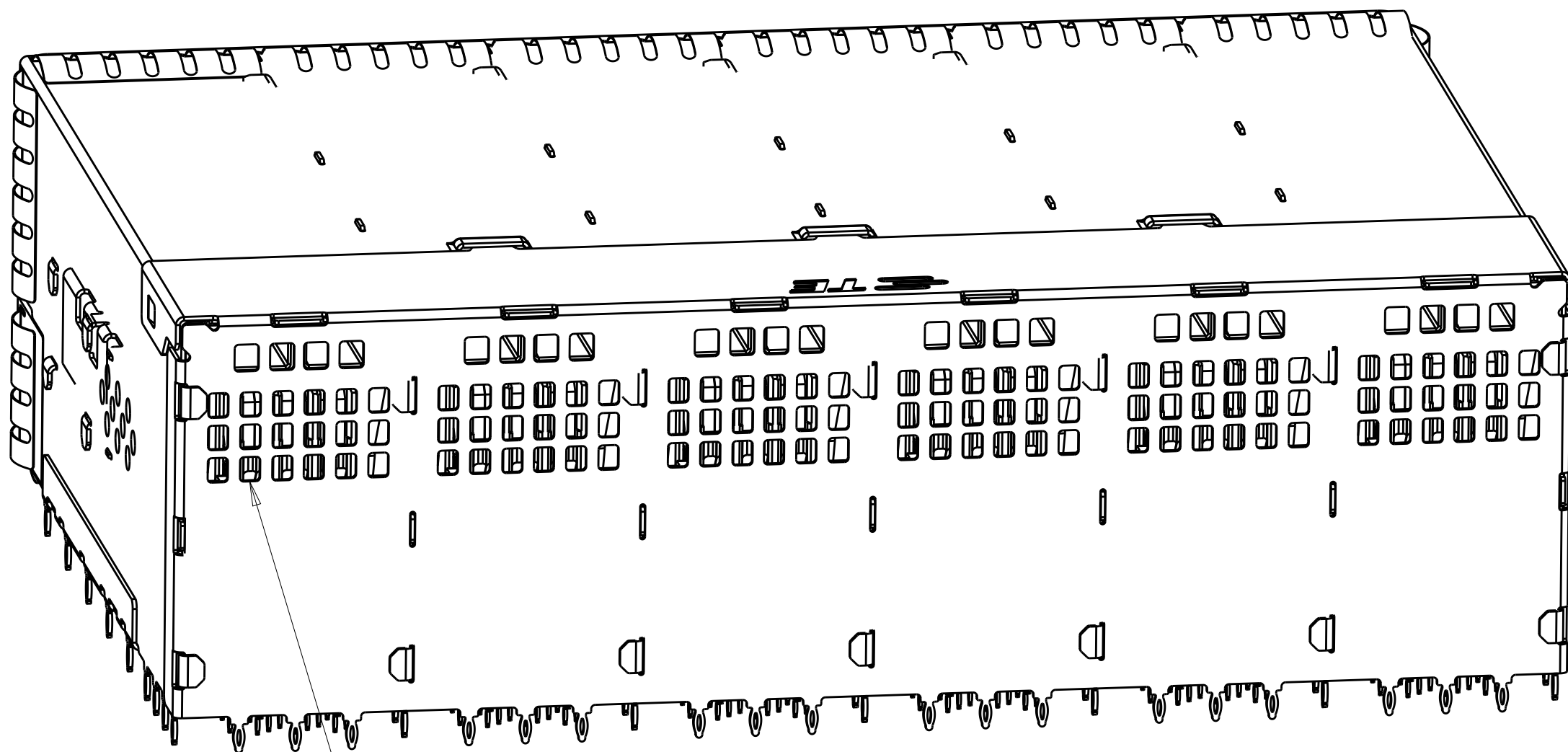


AIR VENTS

3-2198339-0  
EMI GASKET TYPE

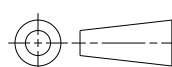


AIR VENTS

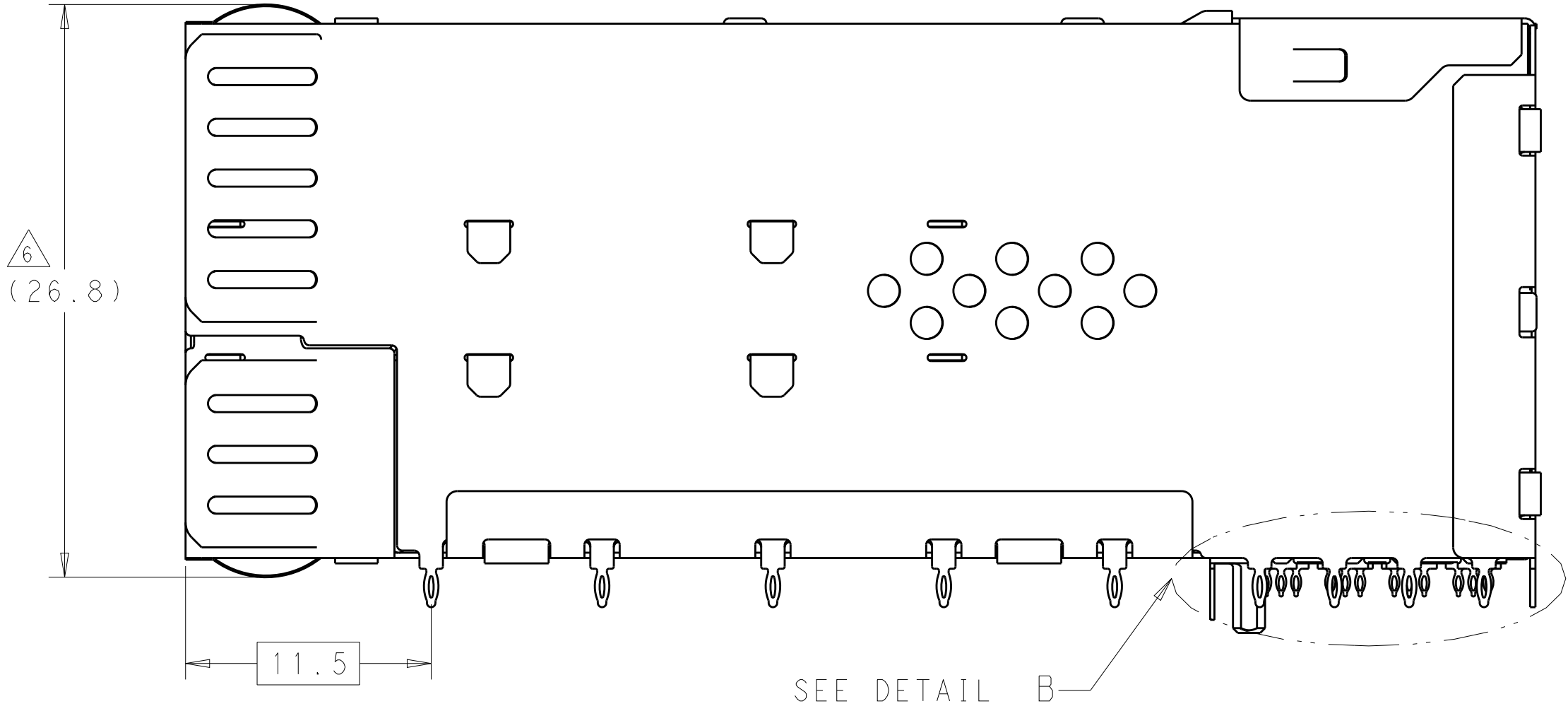
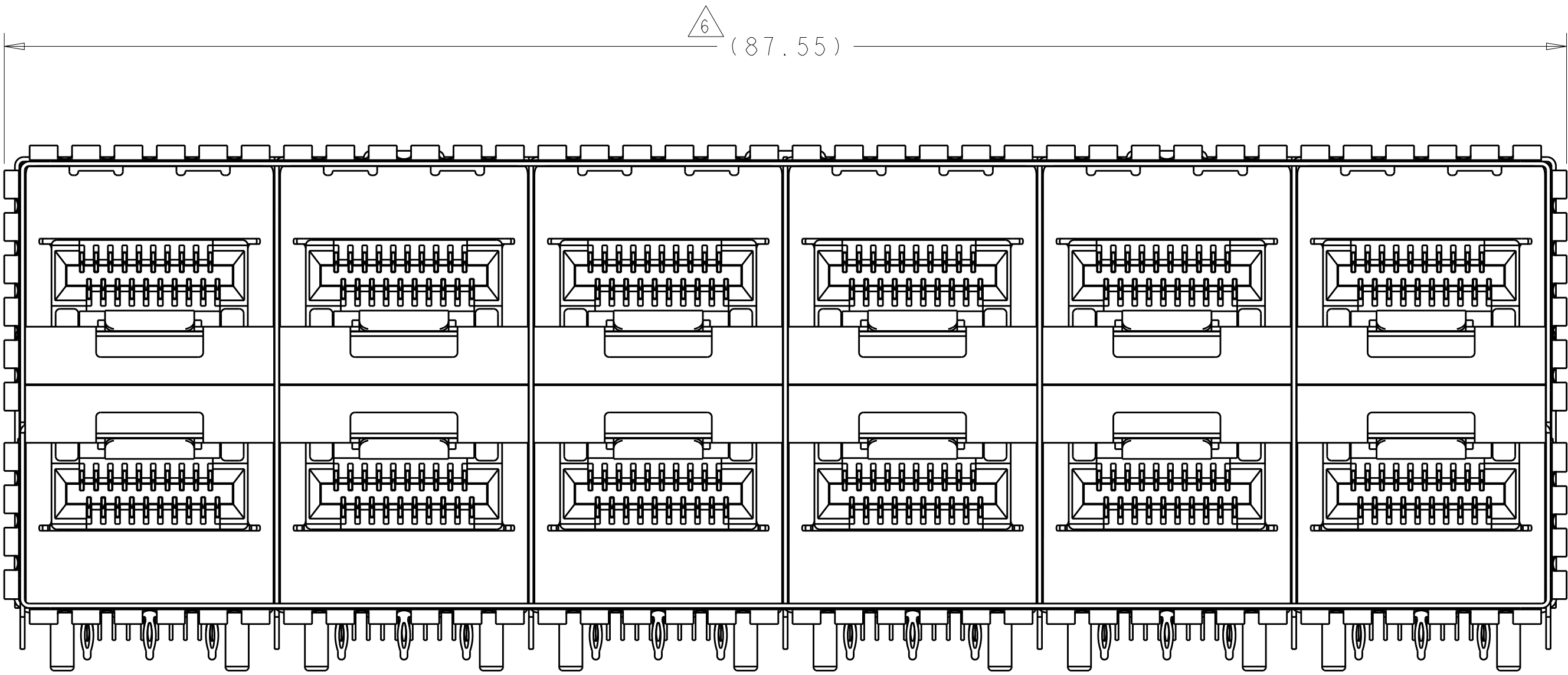


AIR VENTS

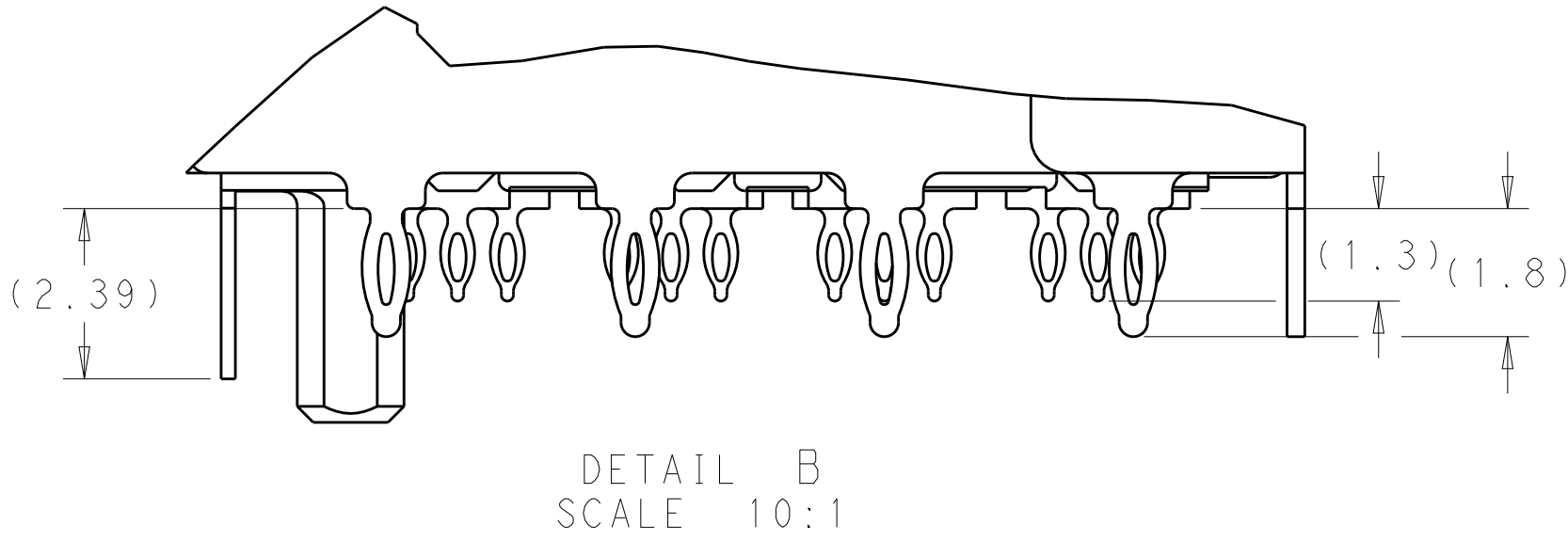
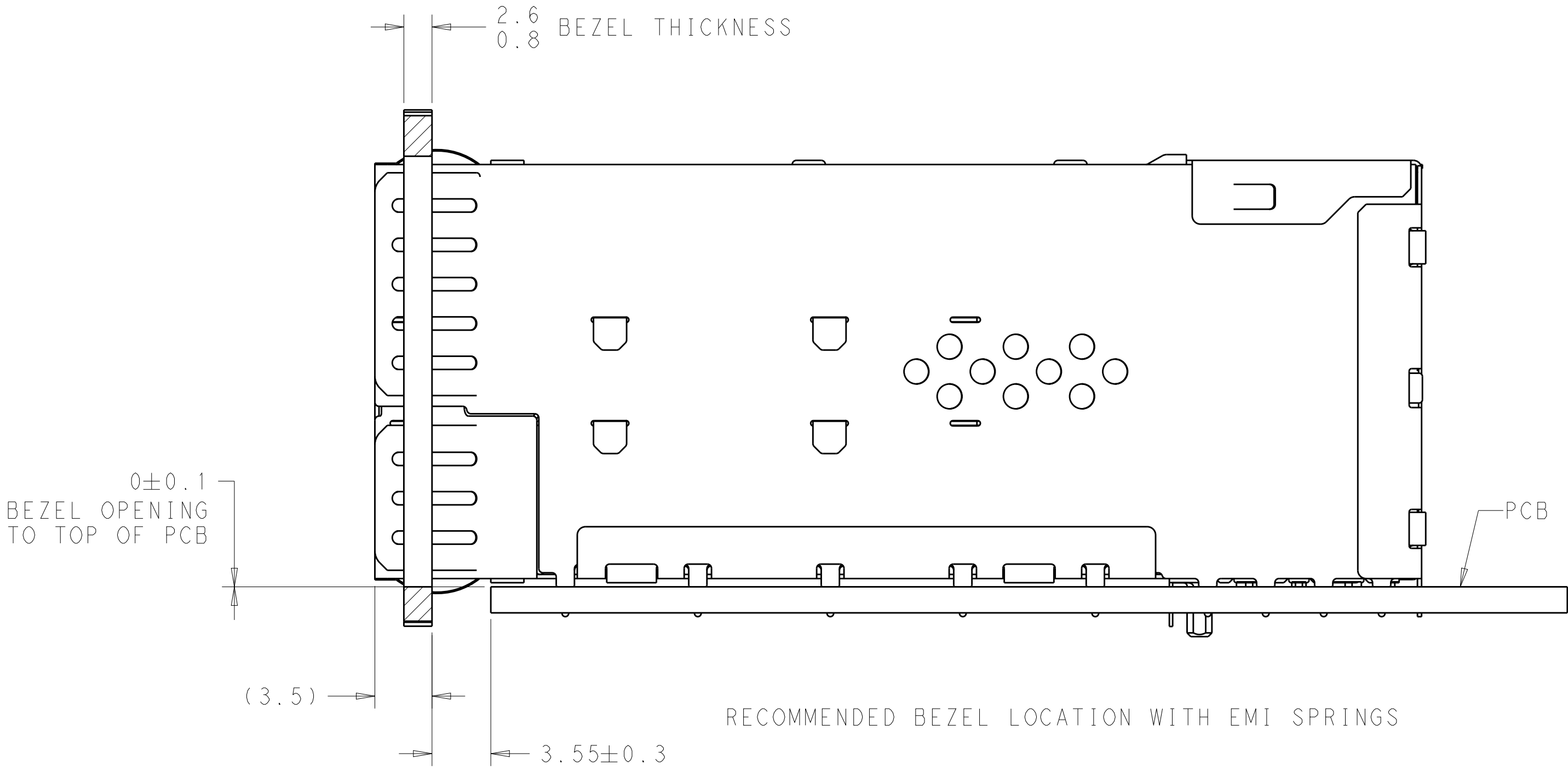
3-2198339-1  
EMI SPRING TYPE

|                                                                                       |                                        |                                    |                                                                                                       |               |
|---------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>M.E. CONNER<br>07DEC2011    |  TE Connectivity |               |
| DIMENSIONS:                                                                           |                                        | CHK<br>M.D. MORRISON<br>13DEC2011  |                                                                                                       |               |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M.D. MORRISON<br>13DEC2011 | NAME<br>RECEPTACLE ASSEMBLY ,2X6<br>STACKED,zSFP+                                                     |               |
|  | 0 PLC                                  | ±"                                 | PRODUCT SPEC                                                                                          | SIZE          |
|                                                                                       | 1 PLC                                  | ±0.20                              | 108-2481                                                                                              | CAGE CODE     |
|                                                                                       | 2 PLC                                  | ±0.15                              | APPLICATION SPEC                                                                                      | DRAWING NO    |
|                                                                                       | 3 PLC                                  | ±0.10                              | 114-13319                                                                                             | RESTRICTED TO |
| MATERIAL                                                                              |                                        | WEIGHT                             | A100779C=2198339                                                                                      |               |
| SEE NOTES                                                                             |                                        | SEE NOTES                          | Customer Drawing                                                                                      |               |
|                                                                                       |                                        |                                    | SCALE                                                                                                 | 1:1           |
|                                                                                       |                                        |                                    | SHEET                                                                                                 | 2             |
|                                                                                       |                                        |                                    | OF                                                                                                    | 6             |
|                                                                                       |                                        |                                    | REV                                                                                                   | B2            |

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

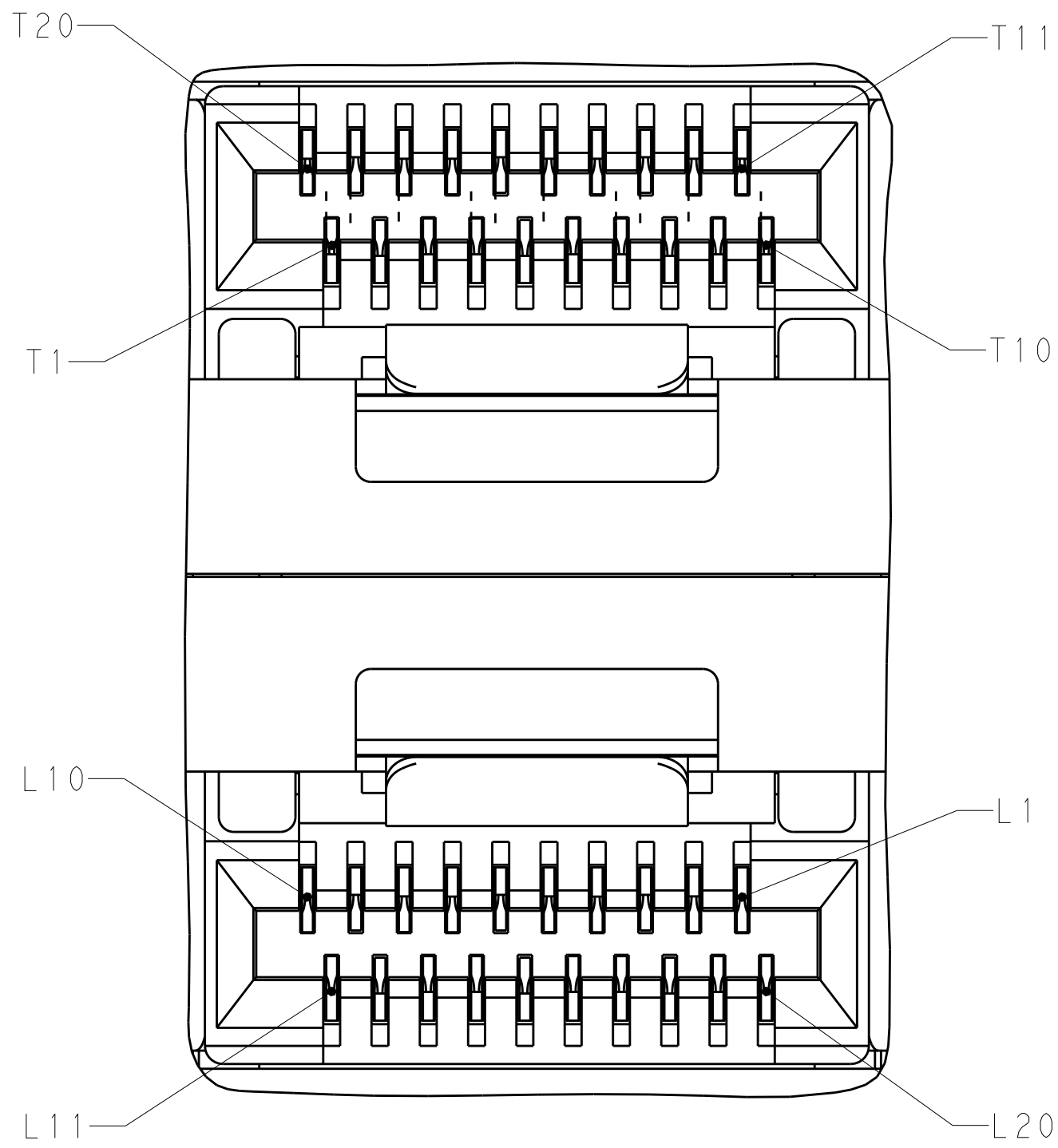
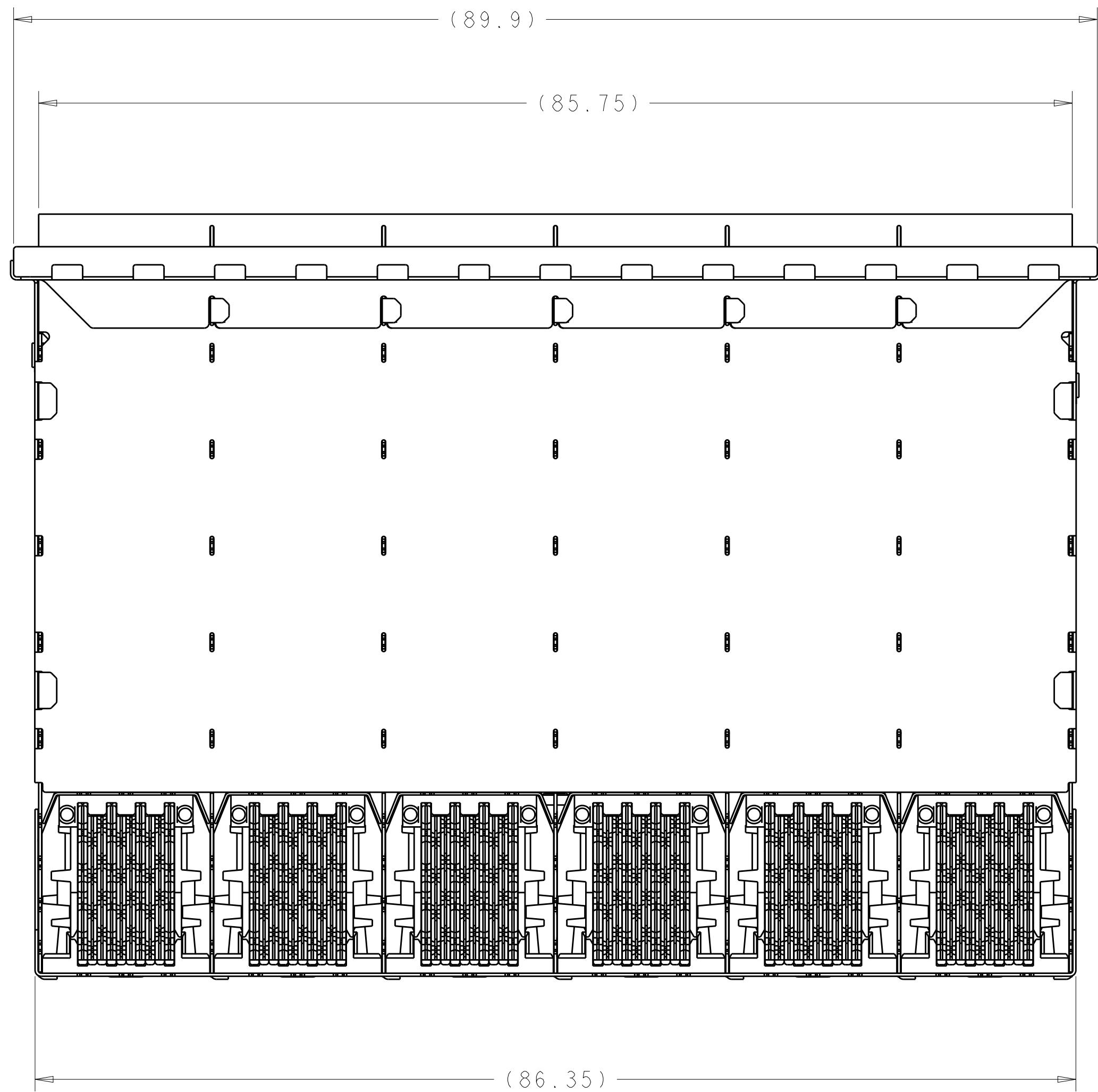
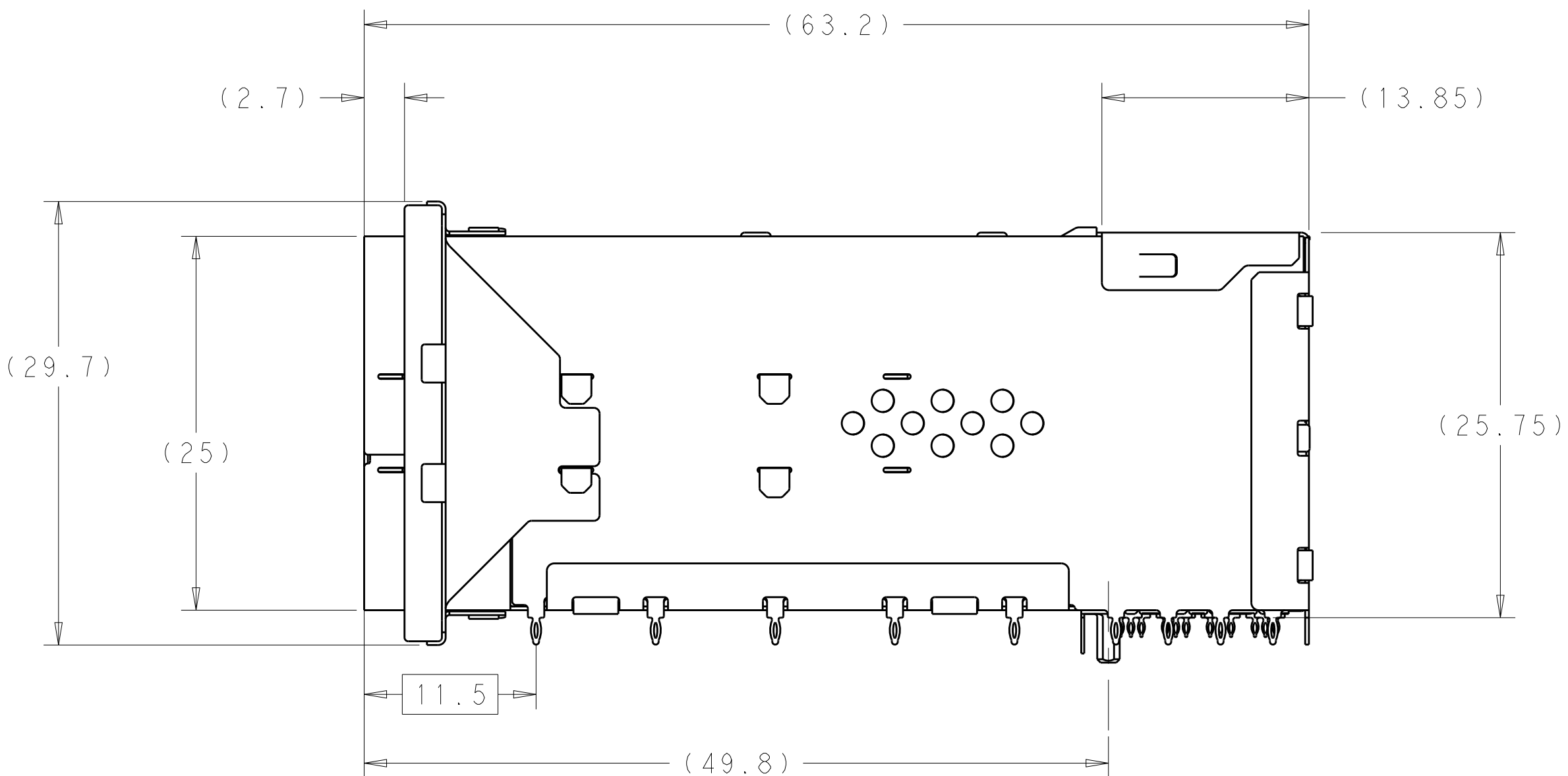
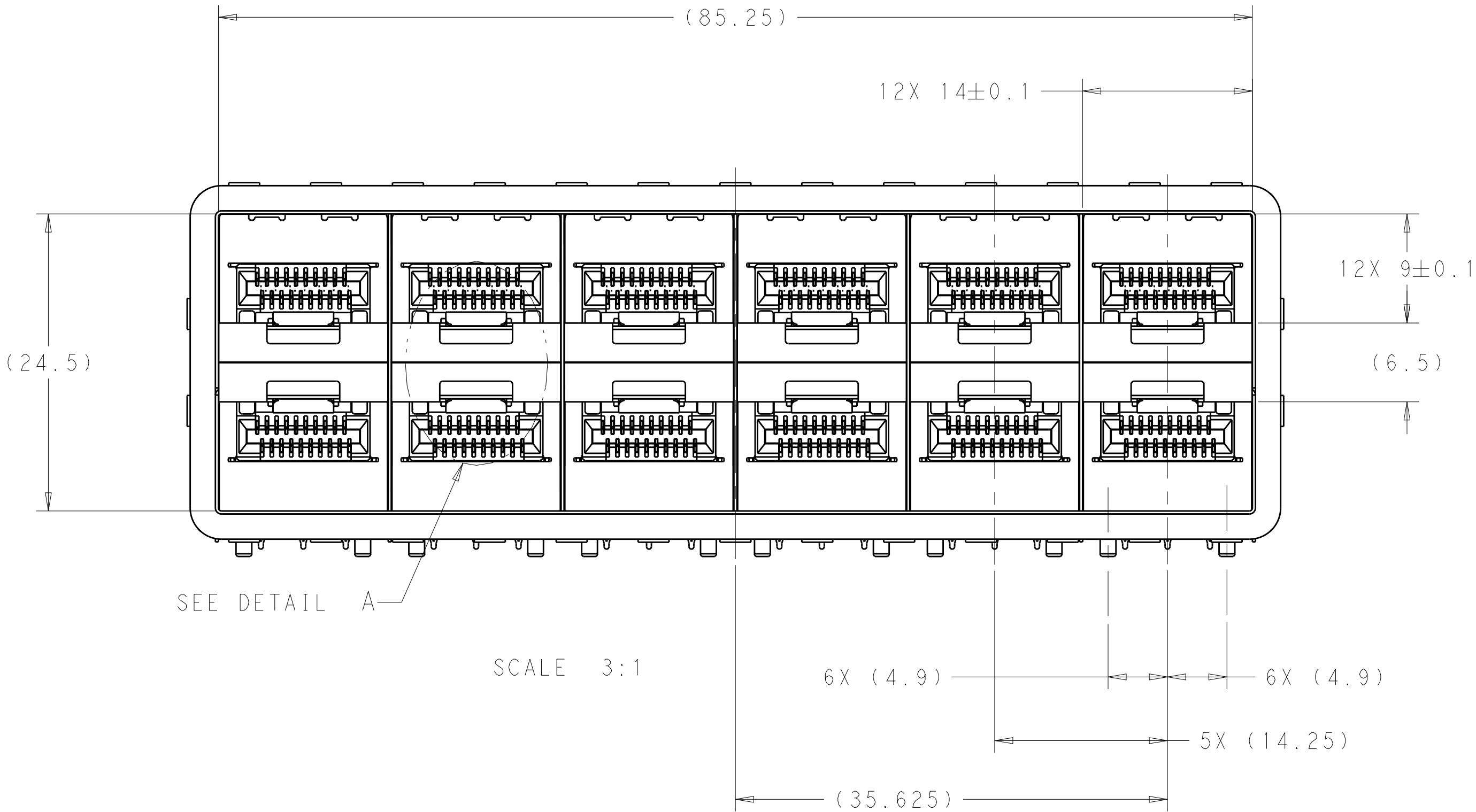


2198339-5 THRU 2198339-8, 1-2198339-9, 2-2198339-0, 2-2198339-1  
EMI SPRINGS ONLY  
SCALE 4:1



|                                        |                                                                                       |                                                                     |                                        |                 |                  |
|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------|-----------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                       | DWN<br>M.E. CONNER<br>CHK<br>M.D. MORRISON<br>APVD<br>M.D. MORRISON | 07DEC2011<br>13DEC2011<br>13DEC2011    | TE Connectivity |                  |
| DIMENSIONS:                            | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                | PRODUCT SPEC                                                        | NAME                                   |                 |                  |
| mm                                     | 0 PLC ±0.20<br>1 PLC ±0.15<br>2 PLC ±0.10<br>3 PLC ±0.10<br>4 PLC ±0.10<br>ANGLES ±4° | 108-2481                                                            | RECEPTACLE ASSEMBLY ,2X6 STACKED,zSFP+ | SIZE            | CAGE CODE        |
|                                        | FINISH                                                                                | 114-13319                                                           | -                                      | DRAWING NO      | RESTRICTED TO    |
| MATERIAL                               | SEE NOTES                                                                             | WEIGHT                                                              | -                                      | A100779         | Customer Drawing |
| SCALE                                  | 1:1                                                                                   | SHEET                                                               | 3                                      | OF              | 6                |
| REV                                    | B2                                                                                    |                                                                     |                                        |                 |                  |

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



DETAIL A  
6X INDIVIDUALLY  
SCALE 10:1

|                                        |                                                                                                |                                                                     |                                           |                 |               |
|----------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|-----------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                | DWN<br>M.E. CONNER<br>CHK<br>M.D. MORRISON<br>APVD<br>M.D. MORRISON | 07DEC2011<br>13DEC2011<br>13DEC2011       | TE Connectivity |               |
| DIMENSIONS:                            | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                         | PRODUCT SPEC                                                        | NAME                                      |                 |               |
| mm                                     | 0 PLC ±.20<br>1 PLC ±0.20<br>2 PLC ±0.15<br>3 PLC ±0.10<br>4 PLC ±.10<br>ANGLES ±.5°<br>FINISH | 108-2481                                                            | RECEPTACLE ASSEMBLY ,2X6<br>STACKED,zSFP+ | SIZE            | CAGE CODE     |
| MATERIAL                               | SEE NOTES                                                                                      | 114-13319                                                           | A100779                                   | DRAWING NO      | RESTRICTED TO |
| SEE NOTES                              | SEE NOTES                                                                                      | WEIGHT                                                              | Customer Drawing                          | SCALE           | 1:1           |
|                                        |                                                                                                |                                                                     |                                           | SHEET           | 4 OF 6        |
|                                        |                                                                                                |                                                                     |                                           | REV             | B2            |

