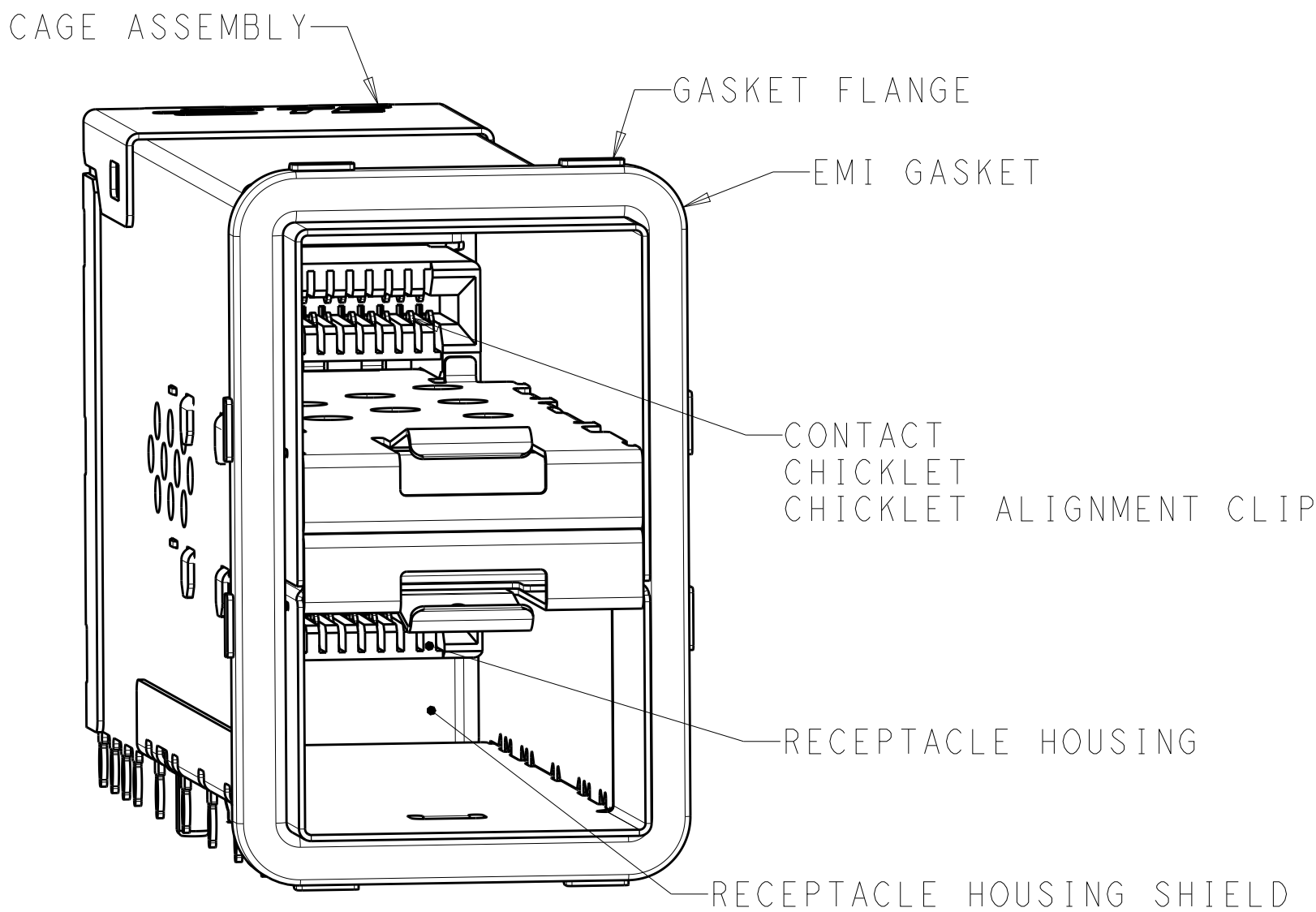
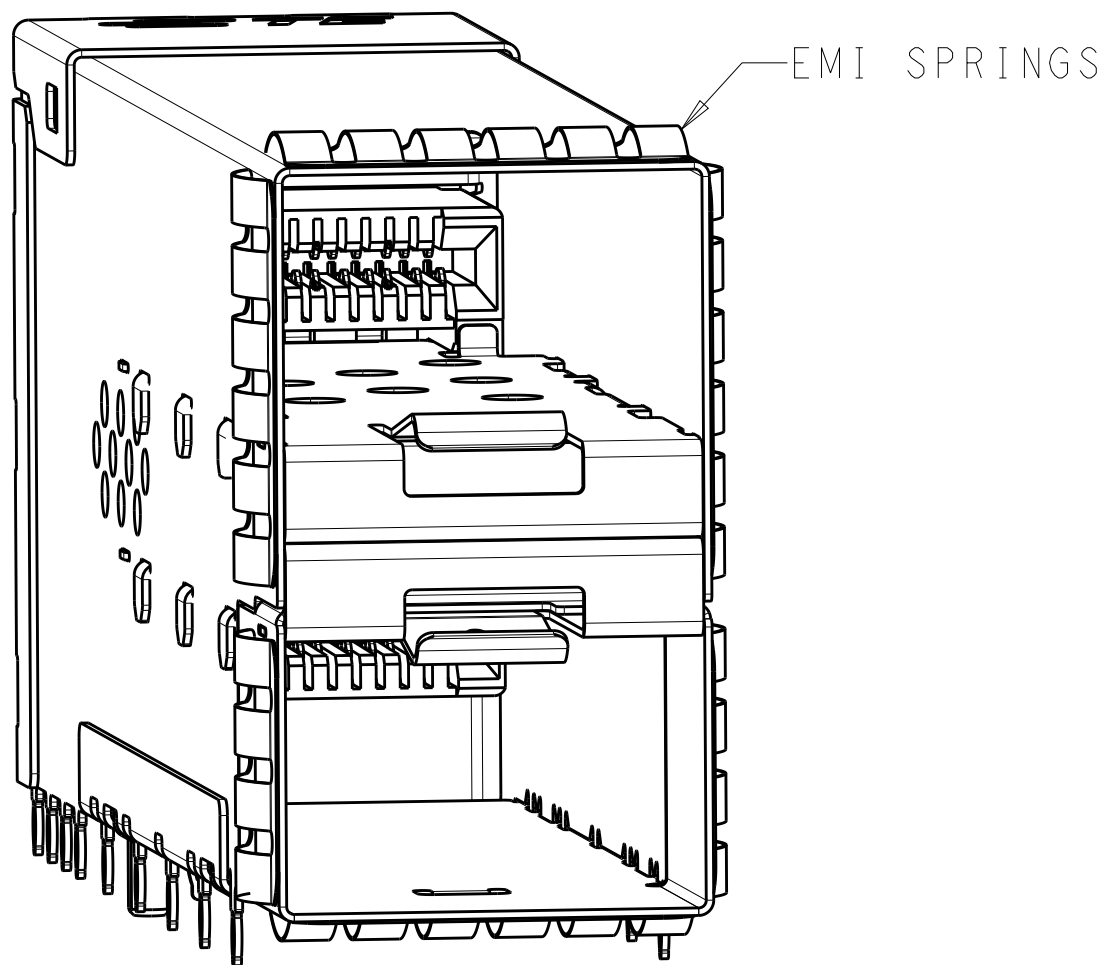


| LOC | DIST | REVISIONS |     |                            |           |     |      |
|-----|------|-----------|-----|----------------------------|-----------|-----|------|
| GP  | 00   | P         | LTR | DESCRIPTION                | DATE      | DWN | APVD |
|     |      |           | A   | RELEASED PER ECO-14-008758 | 13JUN2014 | CJV | PAR  |
|     |      |           | B   | REVISED PER ECO-15-010819  | 10AUG2015 | PP  | SH   |
|     |      |           |     |                            |           |     |      |
|     |      |           |     |                            |           |     |      |



2198318-1  
SCALE 4:1



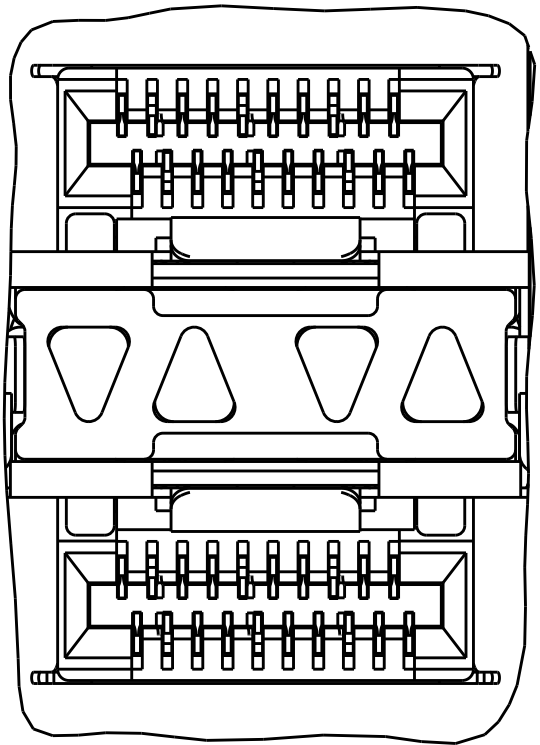
2198318-5  
SCALE 4:1

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

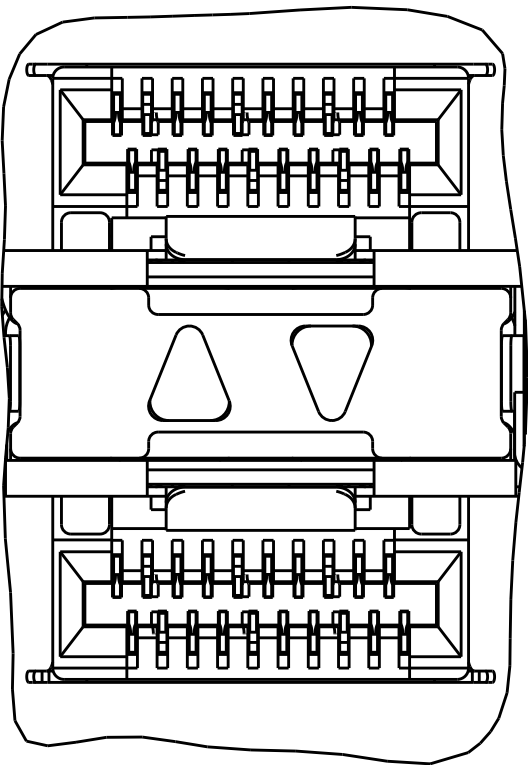
2. CONTACT FINISH:  
CONFORMS TO THE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE

3. PCB MINIMUM THICKNESS = 1.5mm

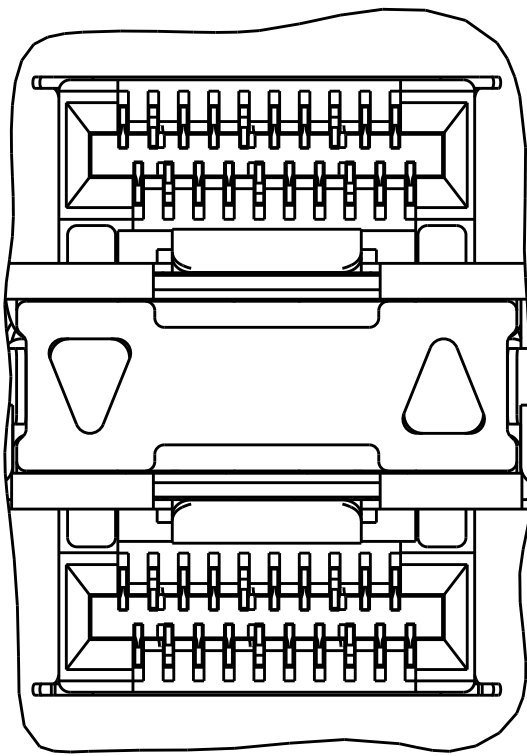
4. FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPECIFICATION 114-13319
5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm
6. DIMENSIONS APPLY FOR EMI SPRINGS ONLY
7. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY, TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN



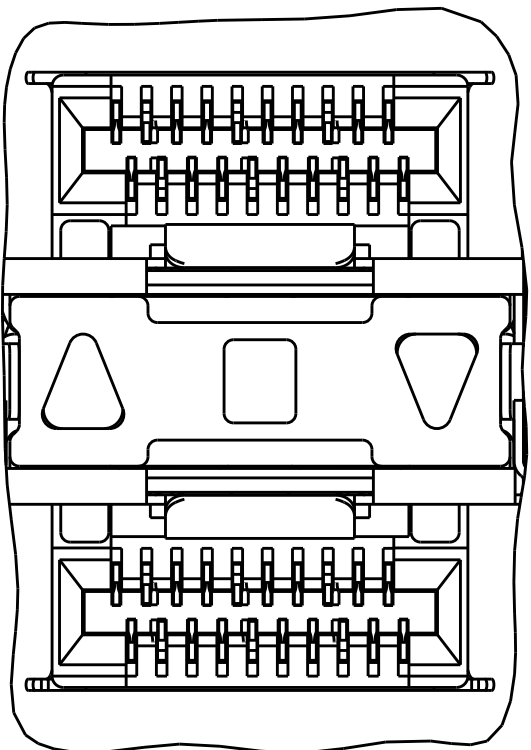
INNER/OUTER LIGHT PIPES  
2198318-2, 2198318-6  
SCALE 5:1



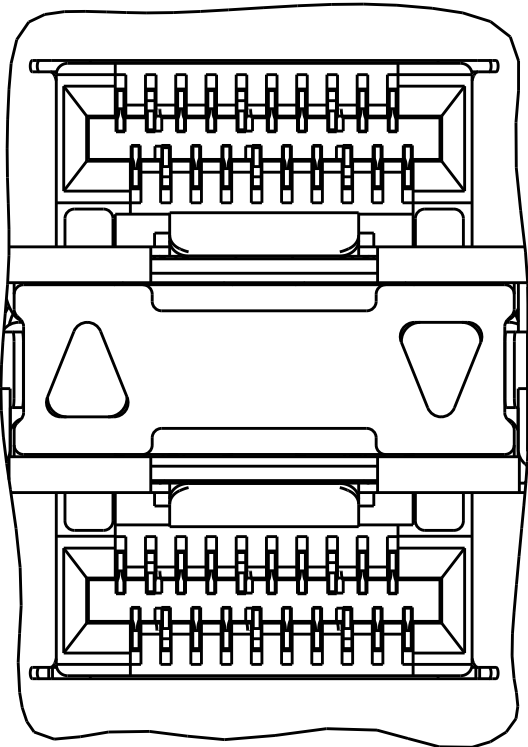
INNER LIGHT PIPES  
2198318-3, 2198318-7  
SCALE 5:1



OUTER LIGHT PIPES  
2198318-4, 2198318-8  
SCALE 5:1



CENTER/REVERSED OUTER LIGHT PIPES  
1-2198318-7, 1-2198318-9  
SCALE 5:1

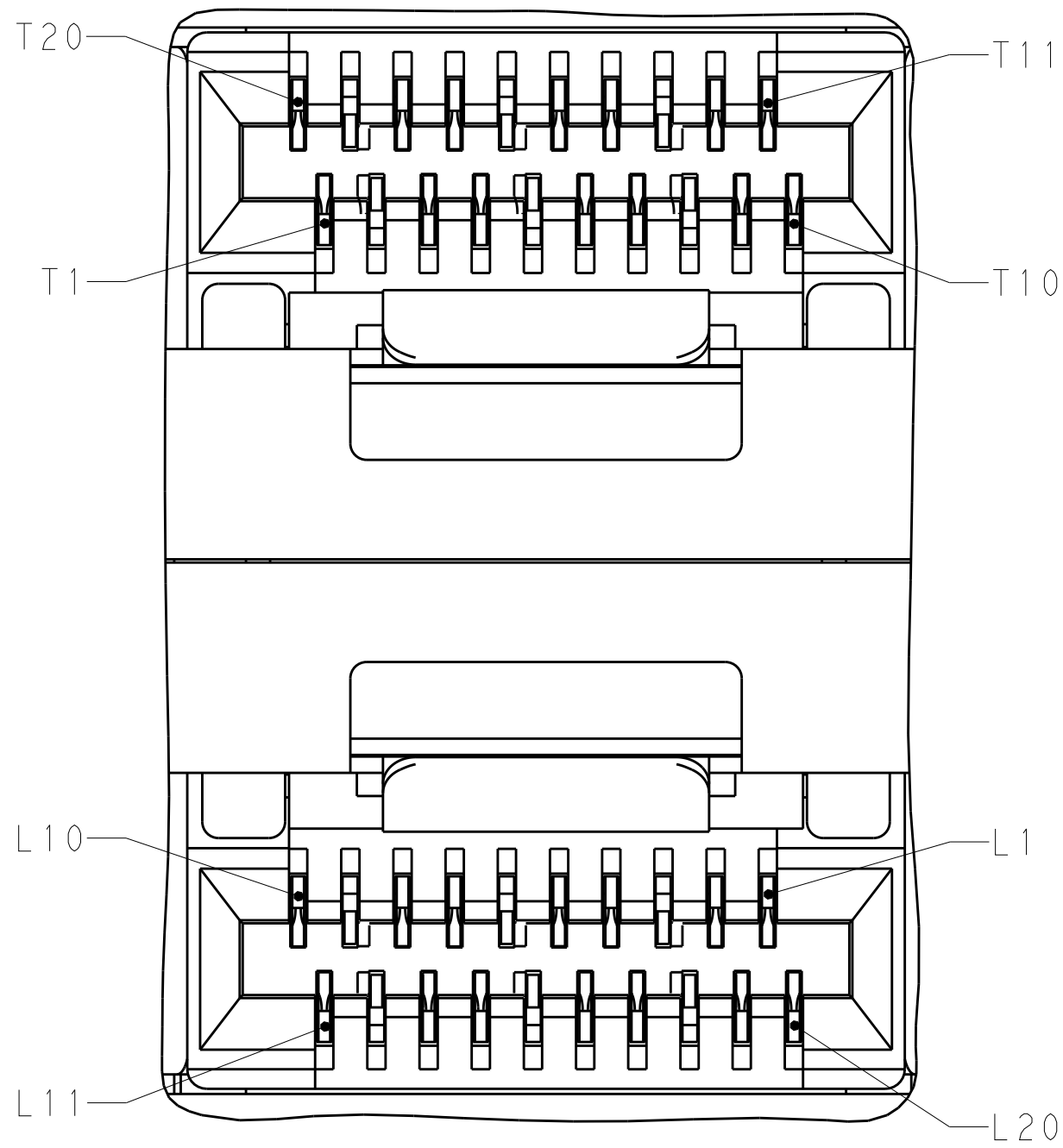
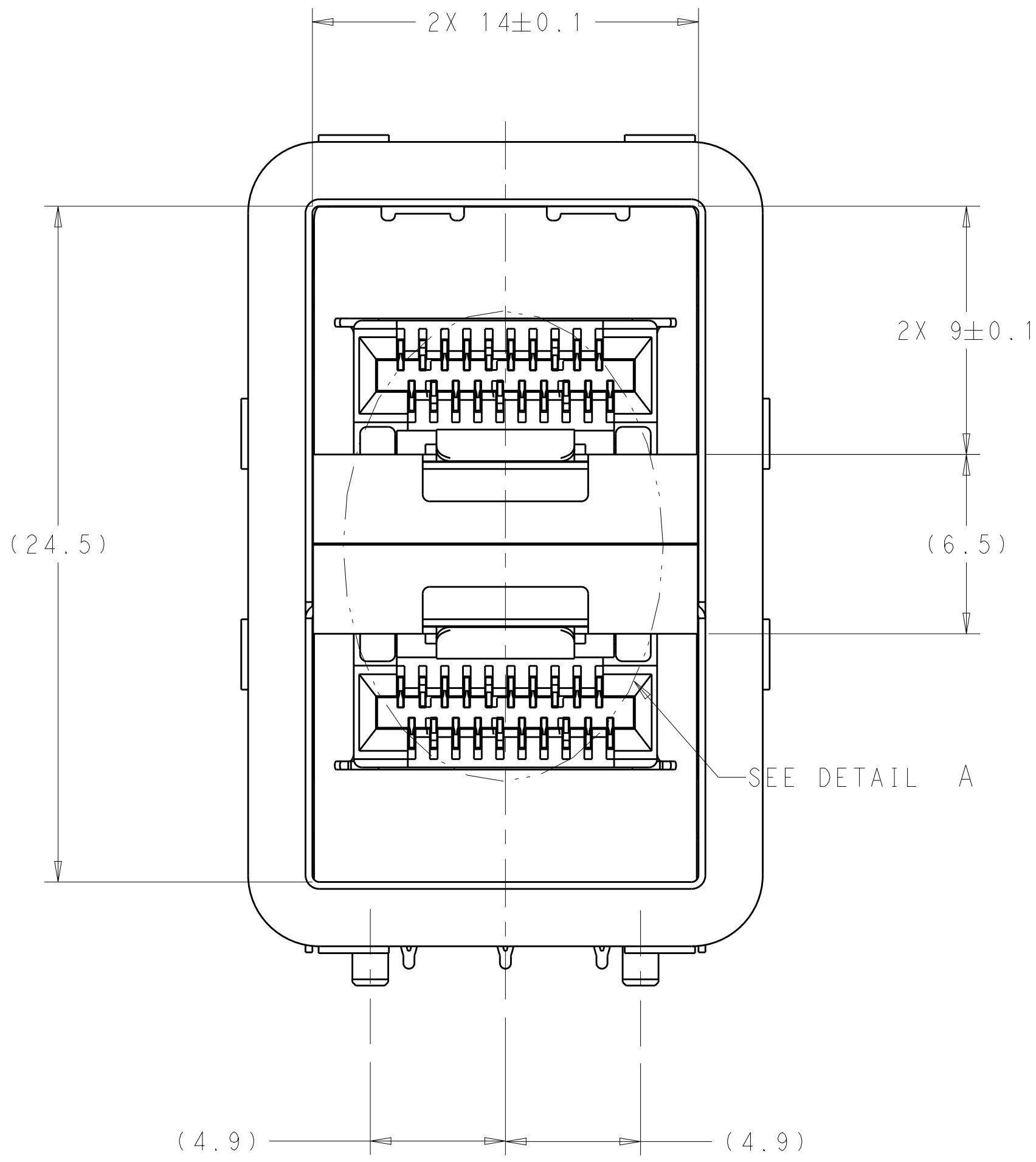


REVERSED OUTER LIGHT PIPES  
1-2198318-8, 2-2198318-0  
SCALE 5:1

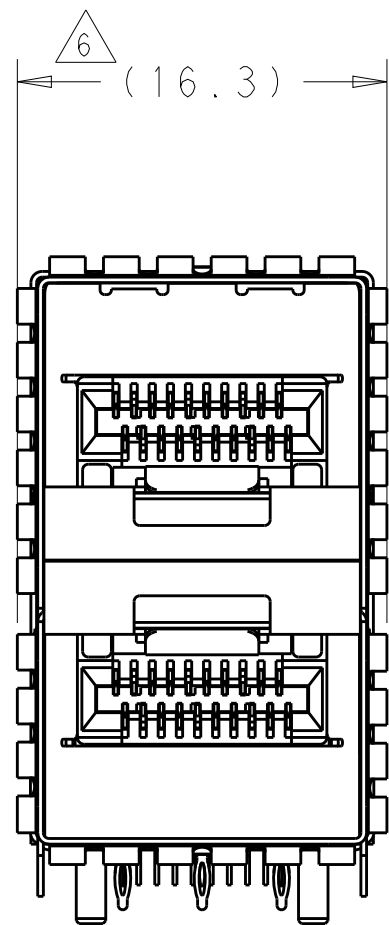
|       |             |                          |             |
|-------|-------------|--------------------------|-------------|
| 16.75 | EMI SPRINGS | REVERSED OUTER           | 2-2198318-0 |
|       |             | CENTER/REVERSED OUTER    | 1-2198318-9 |
| 19.5  | EMI GASKET  | REVERSED OUTER           | 1-2198318-8 |
|       |             | CENTER/REVERSED OUTER    | 1-2198318-7 |
| 16.75 | EMI SPRINGS | OUTER                    | 2198318-8   |
|       |             | INNER                    | 2198318-7   |
|       |             | INNER/OUTER              | 2198318-6   |
|       |             | NONE                     | 2198318-5   |
| 19.5  | EMI GASKET  | OUTER                    | 2198318-4   |
|       |             | INNER                    | 2198318-3   |
|       |             | INNER/OUTER              | 2198318-2   |
|       |             | NONE                     | 2198318-1   |
| (E)   | CAGE TYPE   | LIGHT PIPE CONFIGURATION | PART NUMBER |

|                                                                                       |                                                                 |                                    |                                                                                                       |       |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                 | DWN<br>M.E. CONWHER<br>17OCT2011   |  TE Connectivity |       |
| DIMENSIONS:                                                                           |                                                                 | CHK<br>M.D. MORRISON<br>18OCT2011  |                                                                                                       |       |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED:                          | APVD<br>M.D. MORRISON<br>18OCT2011 | NAME<br>RECEPTACLE ASSEMBLY, 2X1,<br>STACKED, zSFP+                                                   |       |
|                                                                                       |                                                                 | PRODUCT SPEC                       |                                                                                                       |       |
|  | 0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± | 108-2481                           | SIZE<br>CAGE CODE<br>DRAWING NO                                                                       |       |
|                                                                                       |                                                                 | APPLICATION SPEC                   |                                                                                                       |       |
| MATERIAL<br>SEE NOTES                                                                 | FINISH<br>SEE NOTES                                             | 114-13319                          | A100779C=2198318                                                                                      |       |
|                                                                                       |                                                                 | WEIGHT                             |                                                                                                       |       |
| Customer Drawing                                                                      |                                                                 | SCALE 4:1                          | SHEET 1 OF 4                                                                                          | REV B |

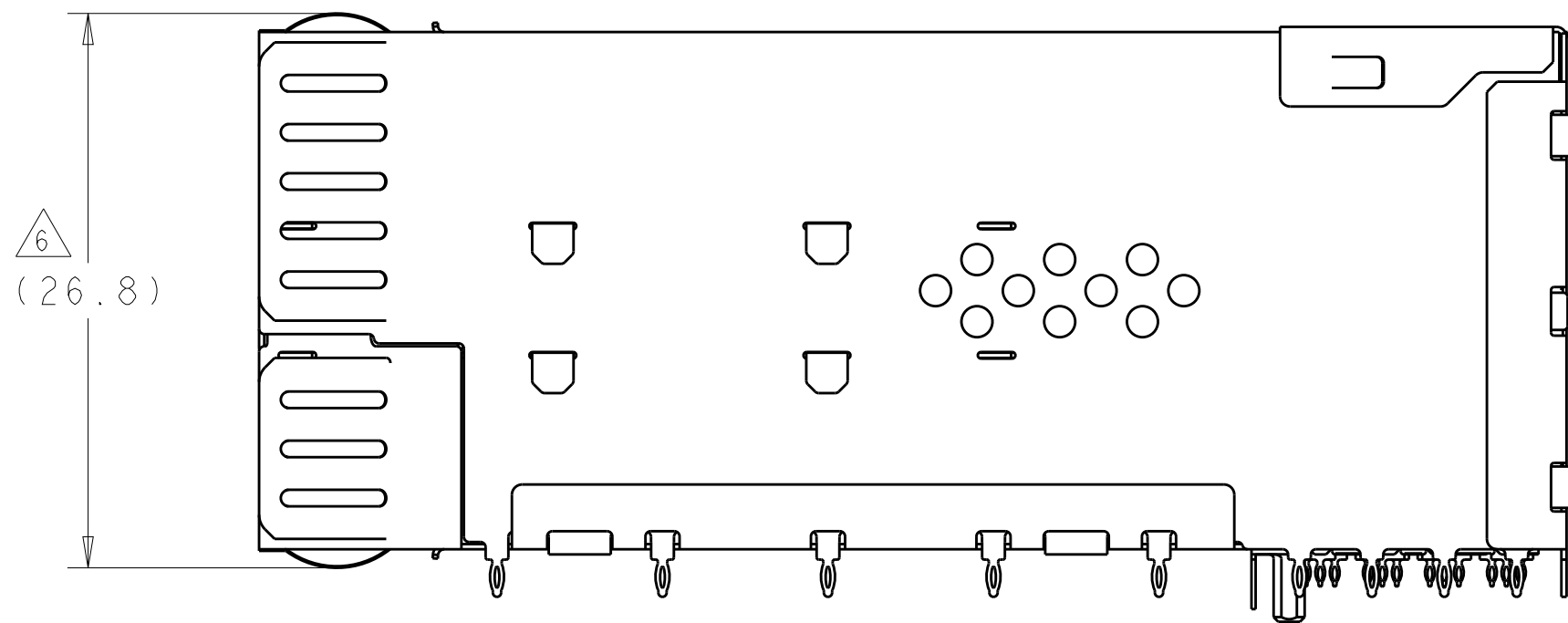
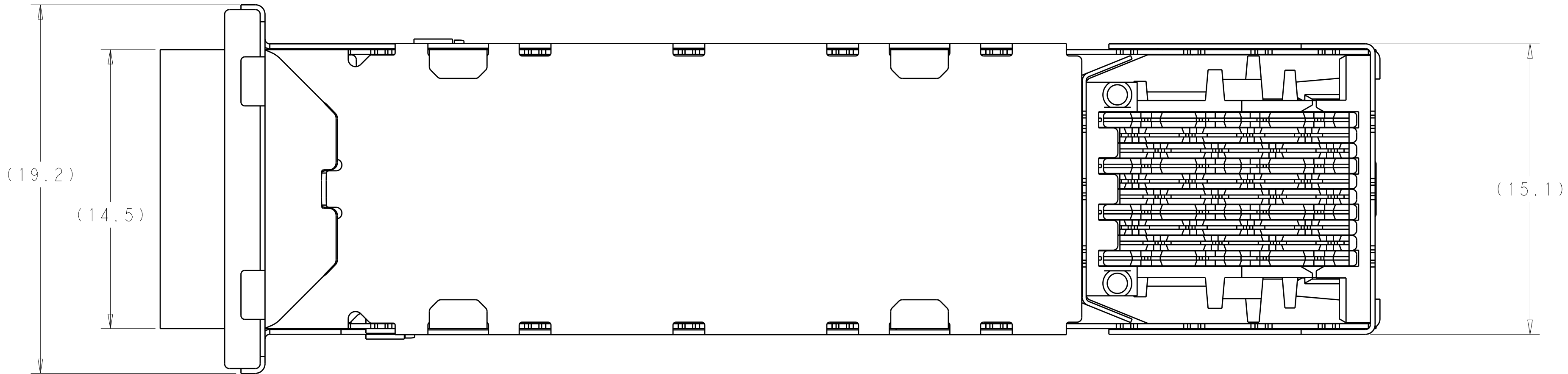
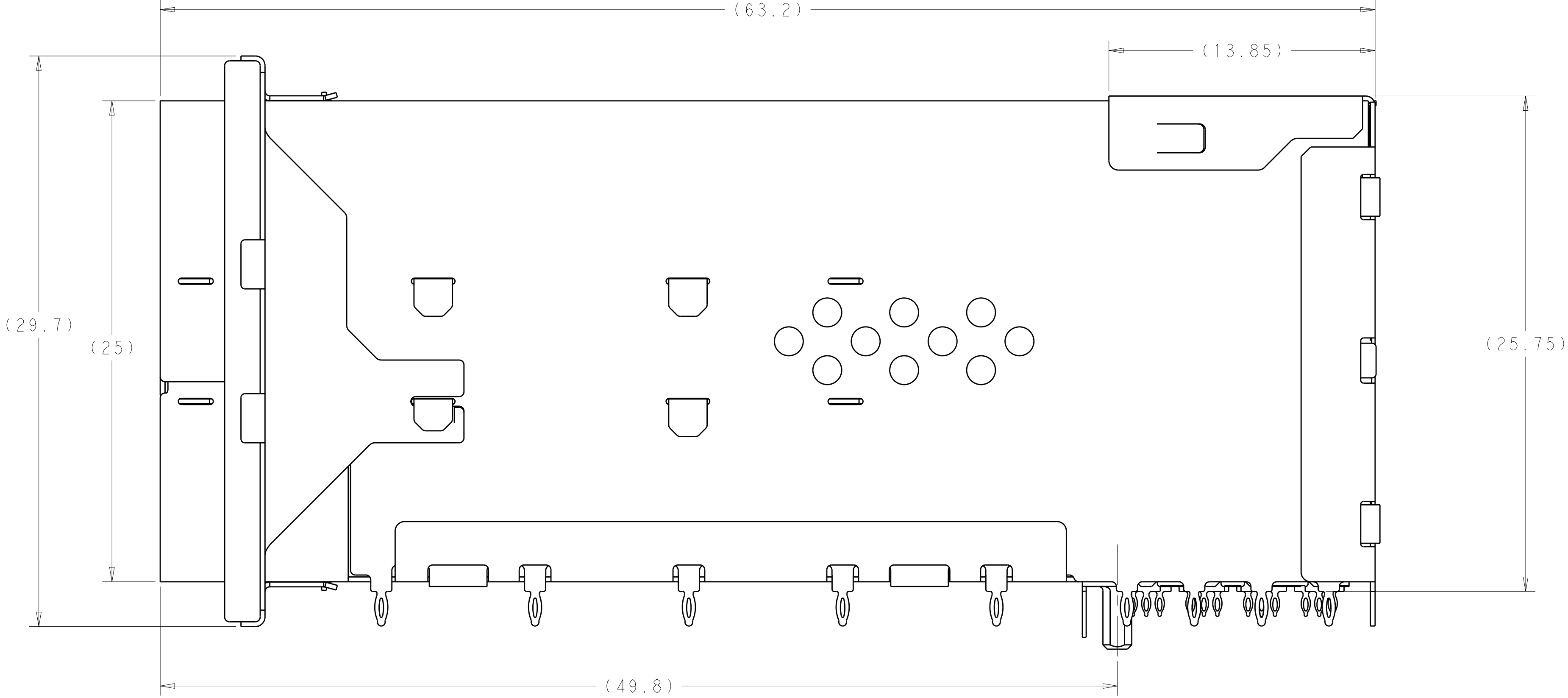
| LOC | DIST | REVISIONS |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |      |           |     |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



DETAIL A  
2 PLACES  
SCALE 10:1

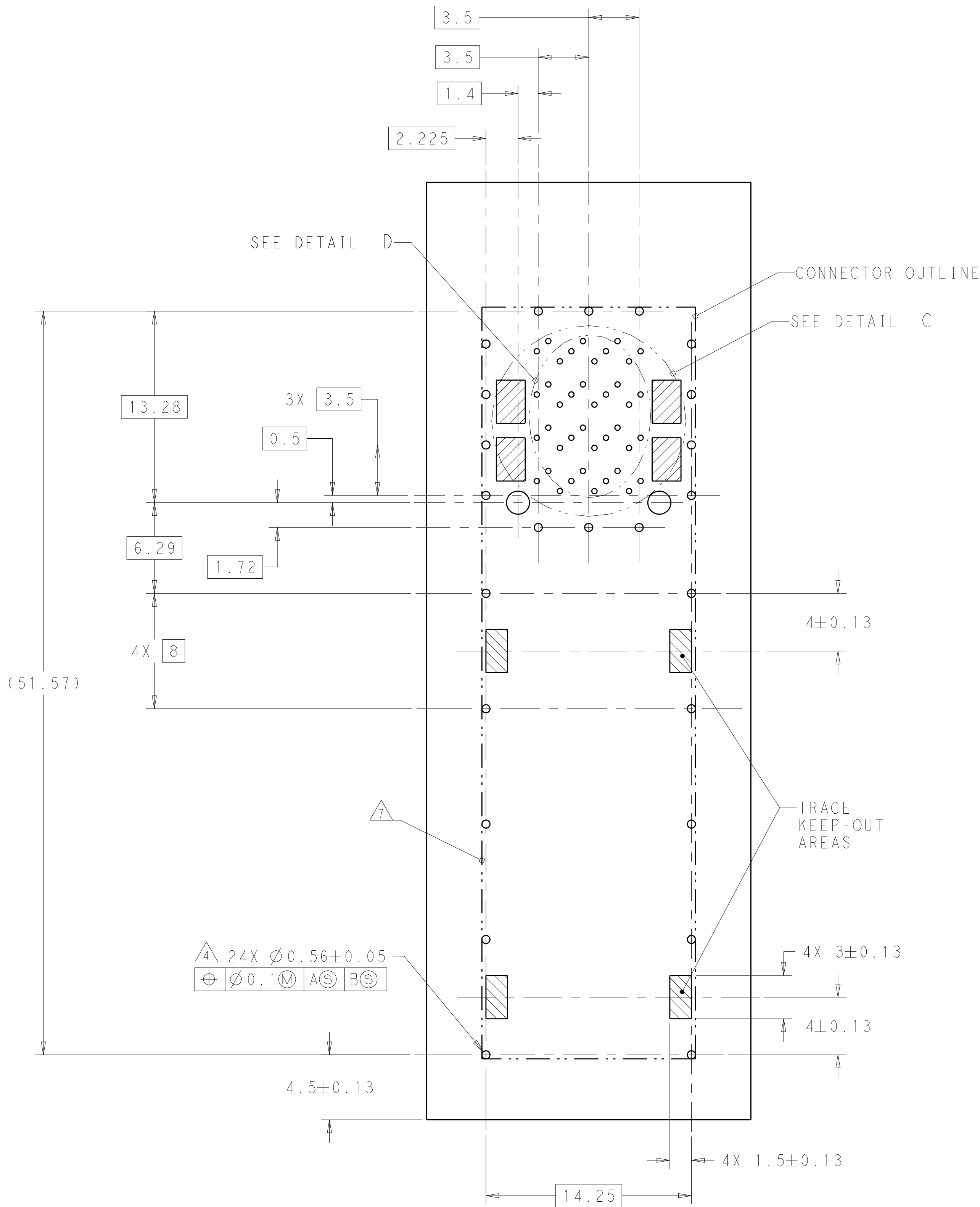


2198318-5 THRU 2198318-8, 1-2198318-9, 2-2198318-0  
EMI SPRINGS ONLY  
SCALE 3:1

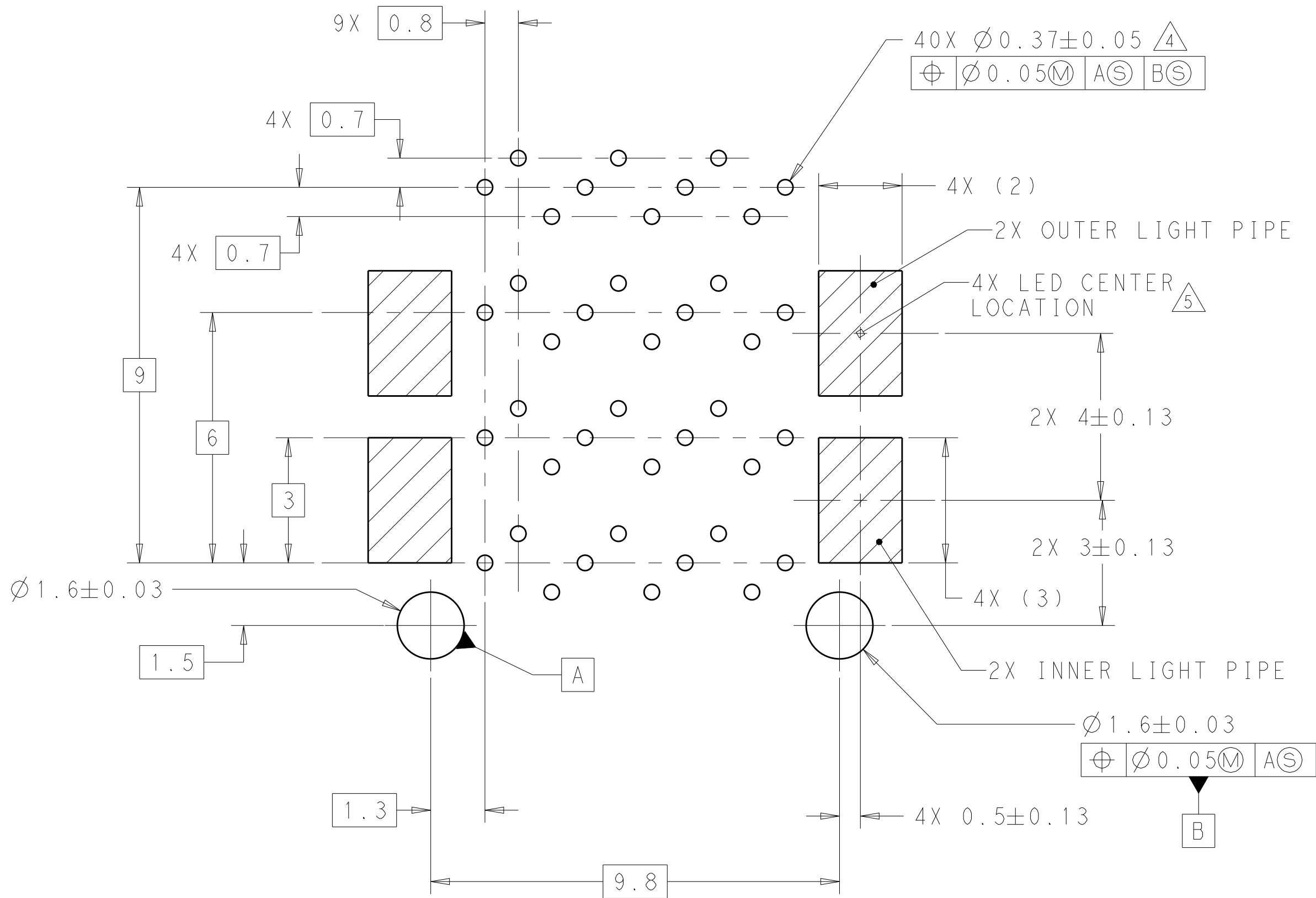


|                                        |  |                                        |               |           |                                          |           |            |
|----------------------------------------|--|----------------------------------------|---------------|-----------|------------------------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN                                    | M.E. CONNER   | 17OCT2011 | TE Connectivity                          |           |            |
| DIMENSIONS:                            |  | CHK                                    | M.D. MORRISON | 18OCT2011 |                                          |           |            |
| mm                                     |  | APVD                                   | M.D. MORRISON | 18OCT2011 | NAME                                     |           |            |
|                                        |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |               |           | RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+ |           |            |
|                                        |  | 0 PLC                                  |               |           | SIZE                                     | CAGE CODE | DRAWING NO |
|                                        |  | 1 PLC                                  |               |           | 108-2481                                 |           |            |
|                                        |  | 2 PLC                                  |               |           | APPLICATION SPEC                         |           |            |
| MATERIAL                               |  | 3 PLC                                  |               |           | 114-13319                                |           |            |
| SEE NOTES                              |  | 4 PLC                                  |               |           | WEIGHT                                   |           |            |
|                                        |  | ANGLES                                 |               |           | Customer Drawing                         | SCALE     | 6:1        |
|                                        |  | FINISH                                 |               |           | A100779                                  | SHEET     | 2 OF 4     |
|                                        |  |                                        |               |           | ©=2198318                                | REV       | B          |

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



RECOMMENDED PCB LAYOUT  
SCALE 5:1



DETAIL C  
RECOMMENDED PIN AND LIGHT PIPE LAYOUT  
SCALE 10:1

|                                        |                                        |                       |                  |                                                  |  |
|----------------------------------------|----------------------------------------|-----------------------|------------------|--------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M.E. CONNER    | 17OCT2011        | TE Connectivity                                  |  |
| DIMENSIONS:                            |                                        | CHK<br>M.D. MORRISON  | 18OCT2011        |                                                  |  |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>M.D. MORRISON | 18OCT2011        | NAME<br>RECEPTACLE ASSEMBLY, 2X1, STACKED, zSFP+ |  |
|                                        | 0 PLC                                  | ±                     | PRODUCT SPEC     | SIZE<br>A100779                                  |  |
|                                        | 1 PLC                                  | ±                     | 108-2481         | CAGE CODE<br>C=2198318                           |  |
|                                        | 2 PLC                                  | ±                     | APPLICATION SPEC | RESTRICTED TO                                    |  |
|                                        | 3 PLC                                  | ±                     | 114-13319        | SHEET 3 OF 4                                     |  |
| MATERIAL<br>SEE NOTES                  | FINISH<br>SEE NOTES                    | WEIGHT                | -                | REV B                                            |  |
| Customer Drawing                       |                                        | SCALE 4:1             |                  |                                                  |  |

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

T19○ T16○ T13○  
T20○ T17○ T14○ T11○  
T18○ T15○ T12○

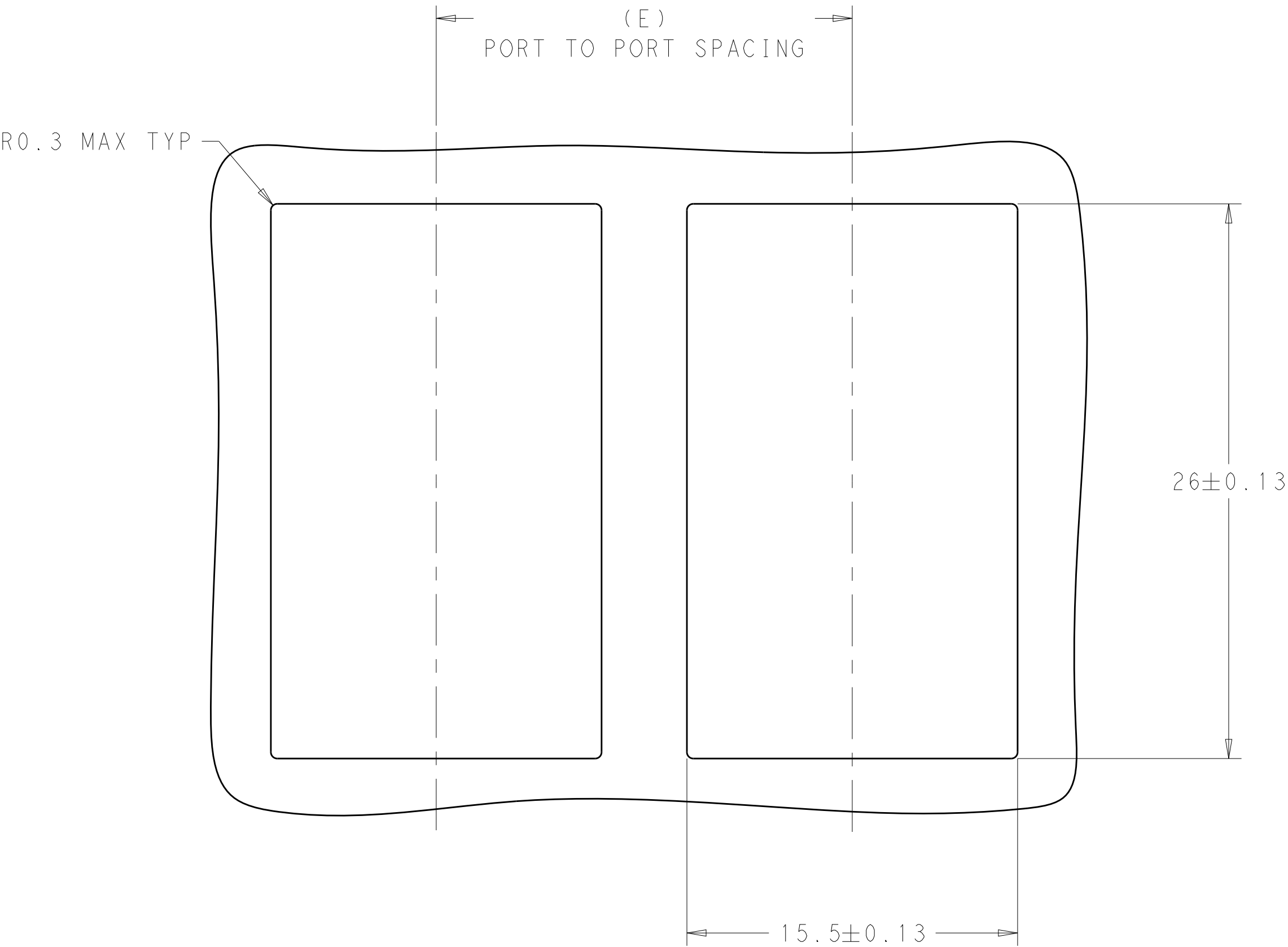
T2○ T5○ T8○  
T1○ T4○ T7○ T10○  
T3○ T6○ T9○

L9○ L6○ L3○  
L10○ L7○ L4○ L1○  
L8○ L5○ L2○

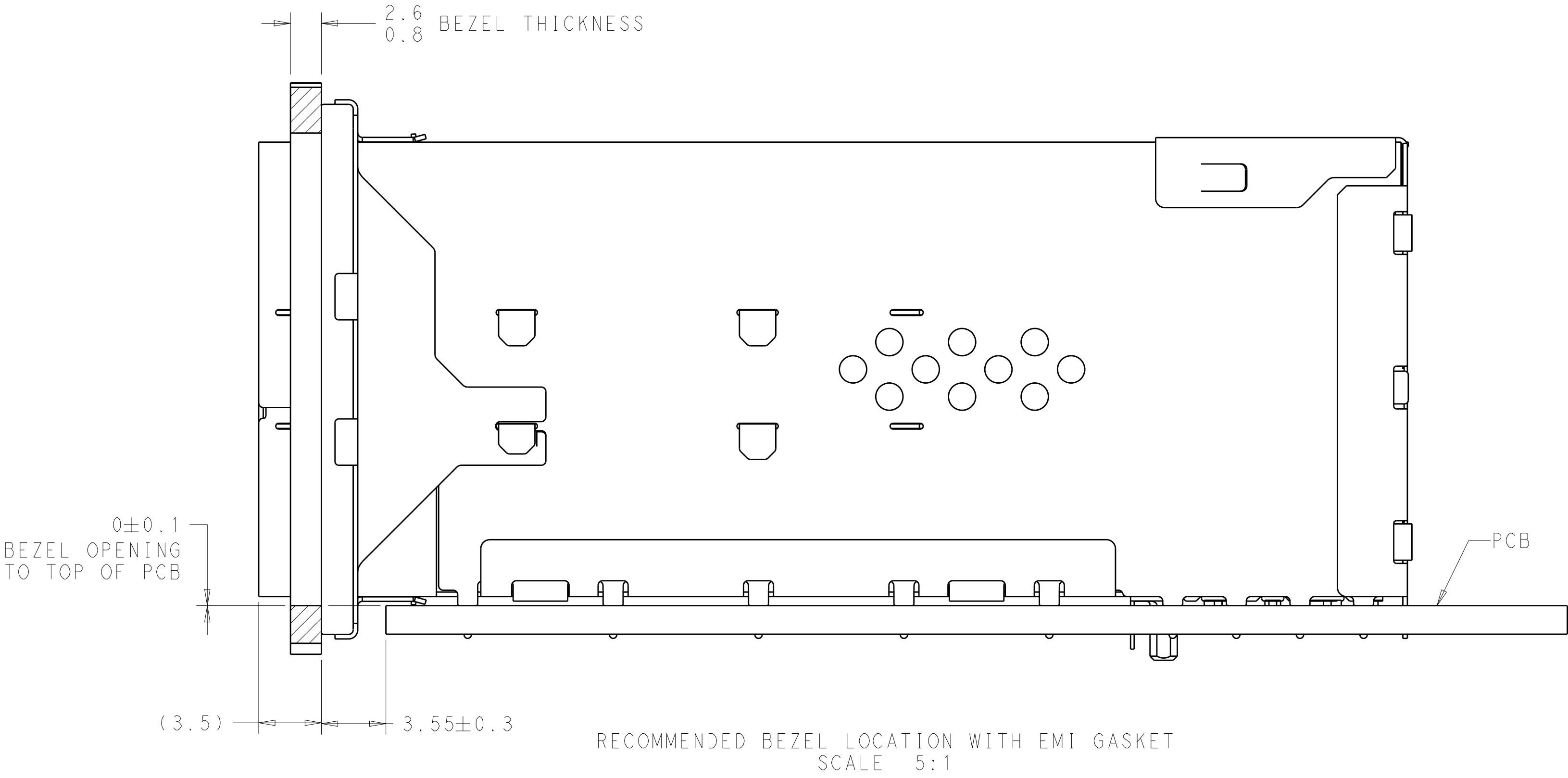
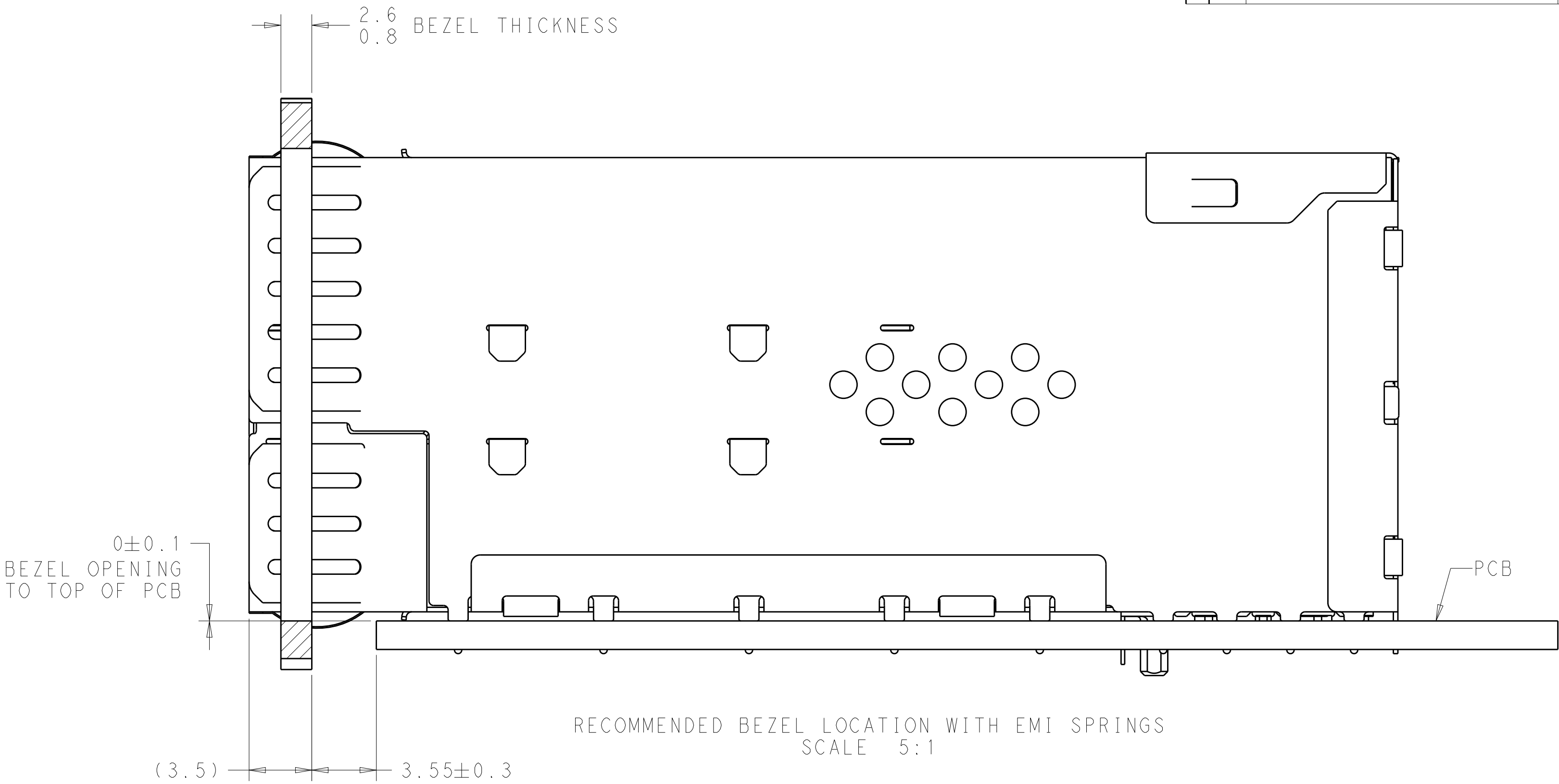
L12○ L15○ L18○  
L11○ L14○ L17○ L20○  
L13○ L16○ L19○

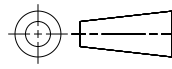
DETAIL D  
PIN MAP  
SCALE 15:1

| PIN MAP LEGEND |            |
|----------------|------------|
| PIN NUMBER     | FUNCTION   |
| L1/T1          | VEET       |
| L2/T2          | TX-FAULT   |
| L3/T3          | TX-DISABLE |
| L4/T4          | SDA        |
| L5/T5          | SCL        |
| L6/T6          | MOD_ABS    |
| L7/T7          | RSO        |
| L8/T8          | RX_LOS     |
| L9/T9          | RS1        |
| L10/T10        | VEER       |
| L11/T11        | VEER       |
| L12/T12        | RD-        |
| L13/T13        | RD+        |
| L14/T14        | VEER       |
| L15/T15        | VCCR       |
| L16/T16        | VCCT       |
| L17/T17        | VEET       |
| L18/T18        | TD+        |
| L19/T19        | TD-        |
| L20/T20        | VEET       |



RECOMMENDED BEZEL CUT-OUT DETAIL  
SCALE 5:1



|                                                                                       |  |                                        |           |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|-----------|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M.E. CONNER                     | 17OCT2011 |  TE Connectivity |  |
| DIMENSIONS:                                                                           |  | CHK<br>M.D. MORRISON                   | 18OCT2011 |                                                                                                       |  |
| mm                                                                                    |  | APVD<br>M.D. MORRISON                  | 18OCT2011 | NAME<br>RECEPTACLE ASSEMBLY, 2X1,<br>STACKED, zSFP+                                                   |  |
|  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |           | PRODUCT SPEC                                                                                          |  |
|                                                                                       |  | 0 PLC ±"                               |           | 108-2481                                                                                              |  |
|                                                                                       |  | 1 PLC ±"                               |           | APPLICATION SPEC                                                                                      |  |
|                                                                                       |  | 2 PLC ±"                               |           | 114-13319                                                                                             |  |
| MATERIAL<br>SEE NOTES                                                                 |  | FINISH<br>SEE NOTES                    |           | WEIGHT<br>-                                                                                           |  |
|                                                                                       |  |                                        |           | Customer Drawing                                                                                      |  |
|                                                                                       |  |                                        |           | SCALE 4:1 SHEET 4 OF 4 REV B                                                                          |  |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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