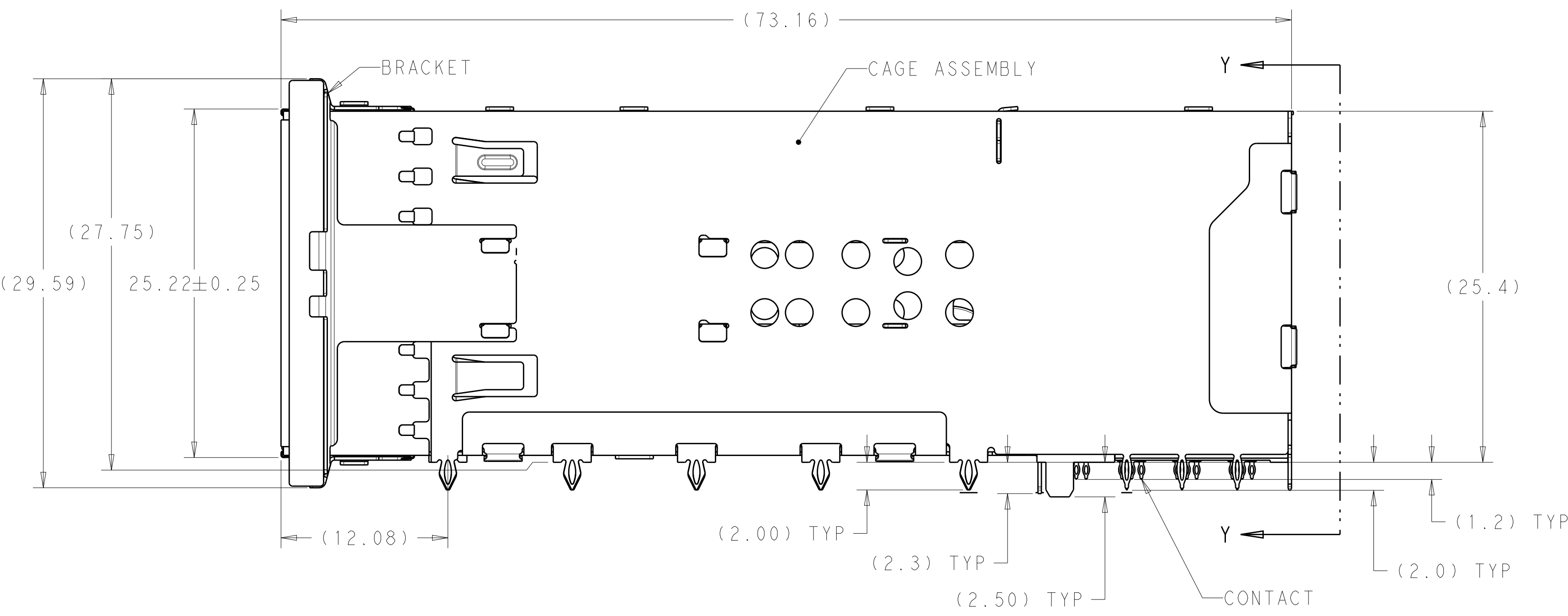
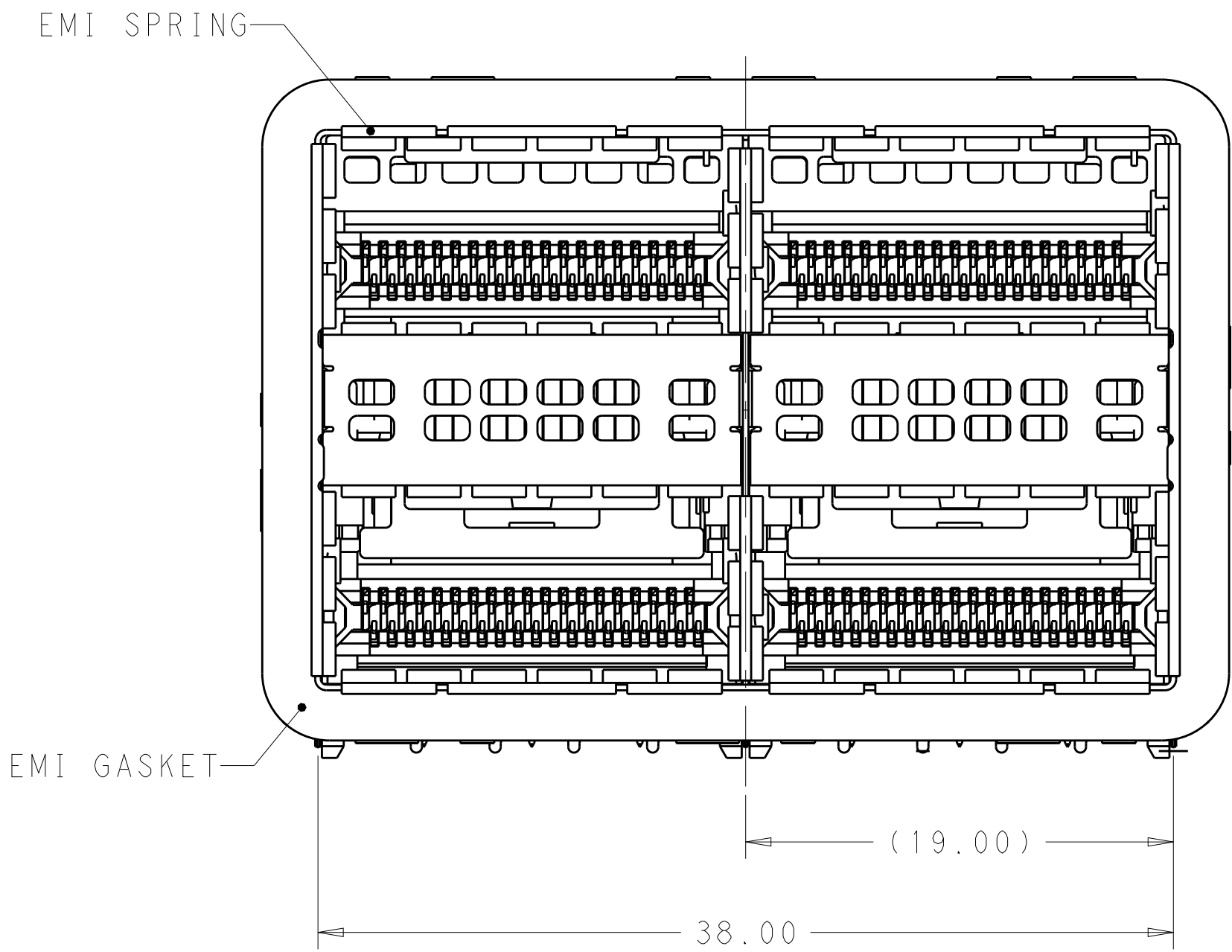
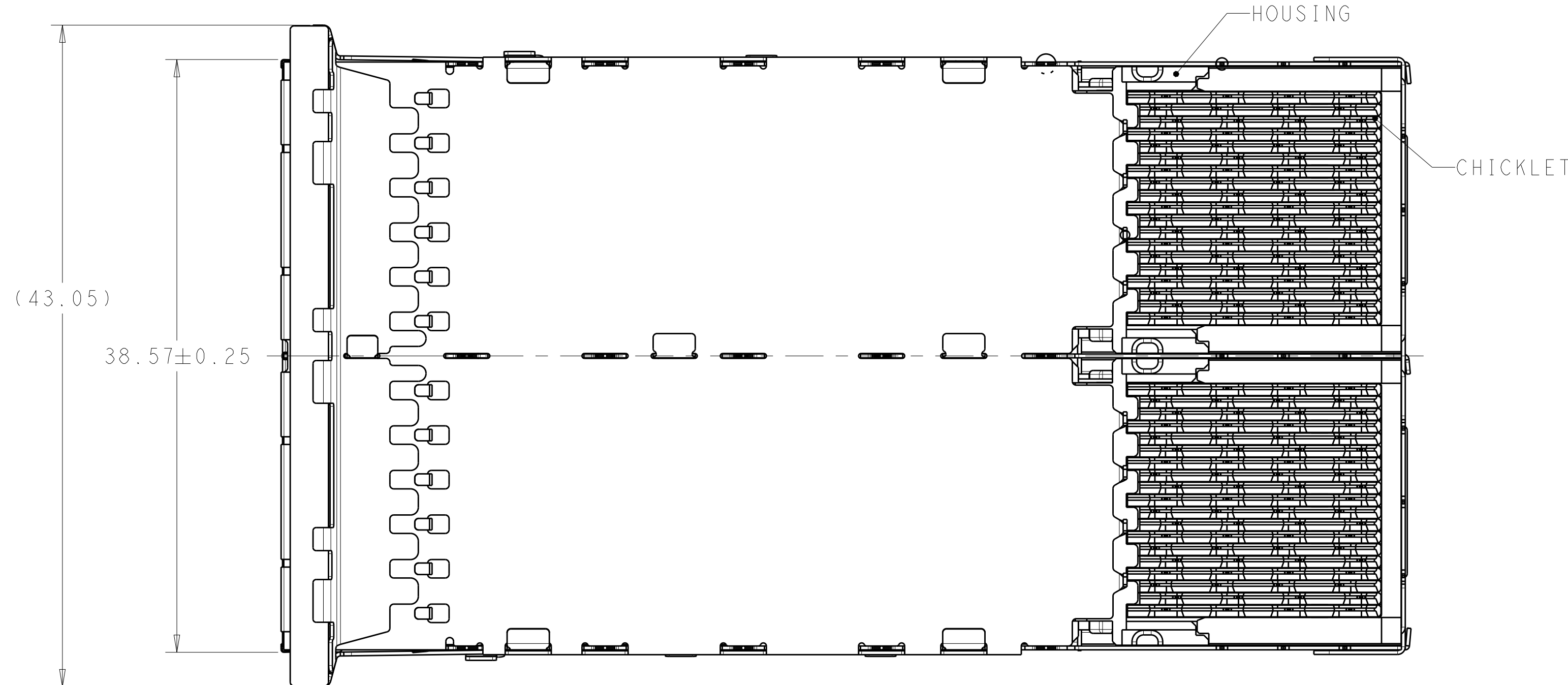


| LOC |     | DIST        |  | REVISIONS |           |     |      |  |
|-----|-----|-------------|--|-----------|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |  |           | DATE      | DWN | APVD |  |
|     |     | A           |  |           | 29FEB2016 | TX  | SH   |  |
|     |     |             |  |           |           |     |      |  |
|     |     |             |  |           |           |     |      |  |



1. MATERIALS:  
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.  
BRACKET- NICKEL SILVER ALLOY PER ASTM B 122.  
EMI SPRING- COPPER ALLOY, NICKEL PLATED.  
EMI GASKET- PLATED FILLED SILICONE WITH 94V-0.  
HOUSING- POLYESTER LCP WITH 94V-0.  
CHICKLET- POLYESTER LCP WITH 94V-0.  
CONTACT- COPPER ALLOY.  
LIGHTPIPE- POLYCARBONATE WITH 94V-0.

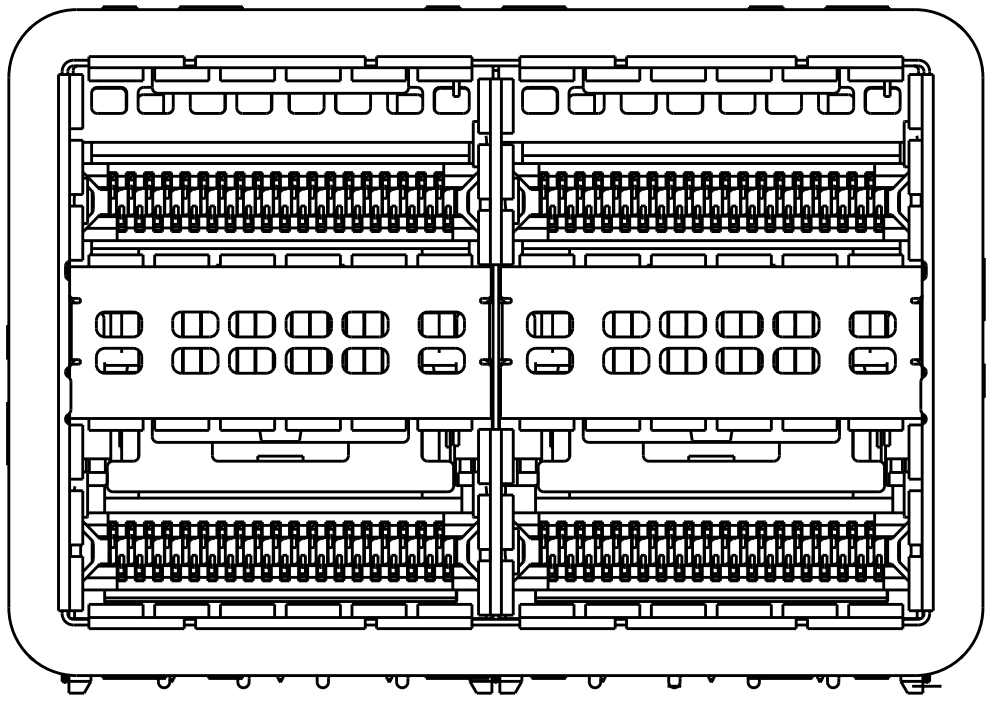
2. CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
4. MINIMUM PCB THICKNESS OF 1.57.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.
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 END, 1.25µm MATT TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.



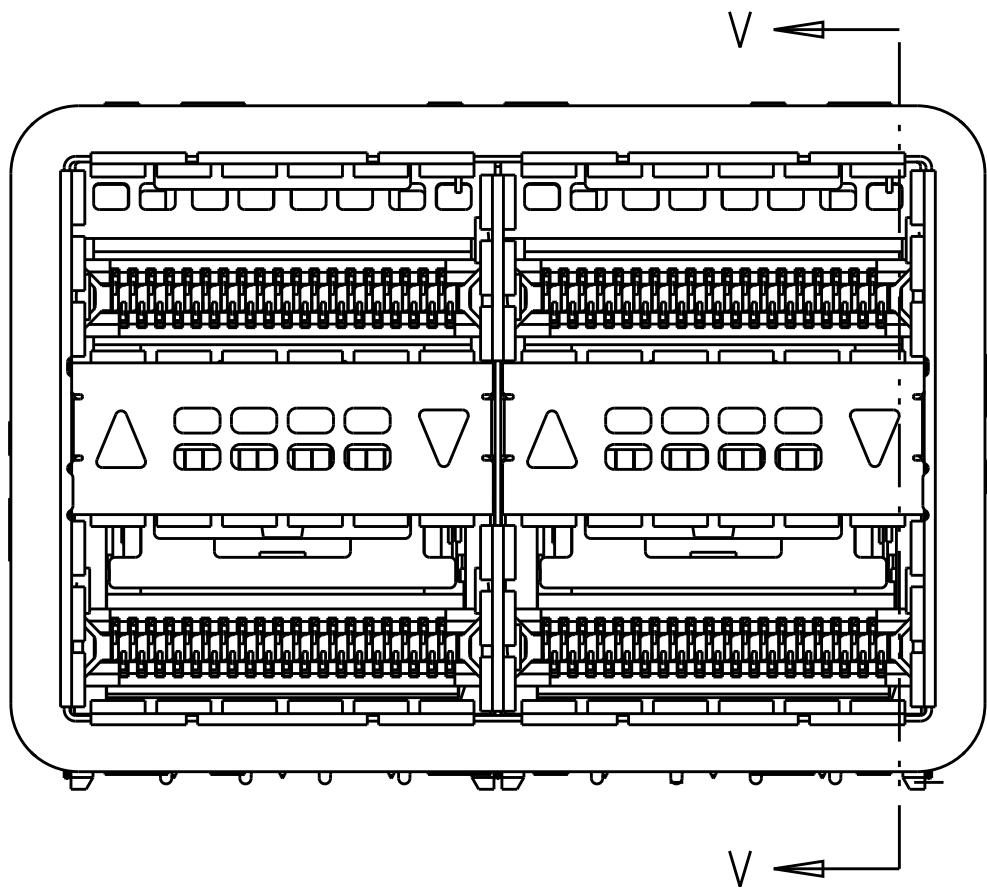
|                |                     |             |
|----------------|---------------------|-------------|
| 9              | LEFT INDICATOR DOWN | 2214593-6   |
| 9              | LEFT INDICATOR UP   | 2214593-5   |
| 9              | NO LIGHTPIPE        | 2214593-4   |
| 2              | LEFT INDICATOR DOWN | 2214593-3   |
| 2              | LEFT INDICATOR UP   | 2214593-2   |
| 2              | NO LIGHTPIPE        | 2214593-1   |
| CONTACT FINISH | DESCRIPTION         | PART NUMBER |

|                                                                                           |                                                                                     |                                              |              |                                                                   |                  |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------|--------------|-------------------------------------------------------------------|------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009. |                                                                                     | DWN: M. SHIRK<br>CHK: D. SZCZESNY<br>APVD: - | 24FEB2012    | TE Connectivity                                                   |                  |
| DIMENSIONS: mm                                                                            | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                              | PRODUCT SPEC                                 | NAME         | CAGE AND CONNECTOR ASSEMBLY, WITH EMI GASKET, 2X2, ZQSFP+ STACKED |                  |
|                                                                                           | 0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.15<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± | 108-60102<br>APPLICATION SPEC                | SIZE         |                                                                   |                  |
| MATERIAL: SEE NOTE 1                                                                      | SEE NOTE 2                                                                          | 114-60015<br>WEIGHT                          | A100779      | C=2214593                                                         | RESTRICTED TO: - |
| CUSTOMER DRAWING                                                                          |                                                                                     | SCALE: 4:1                                   | SHEET 1 OF 4 | REV: A                                                            |                  |

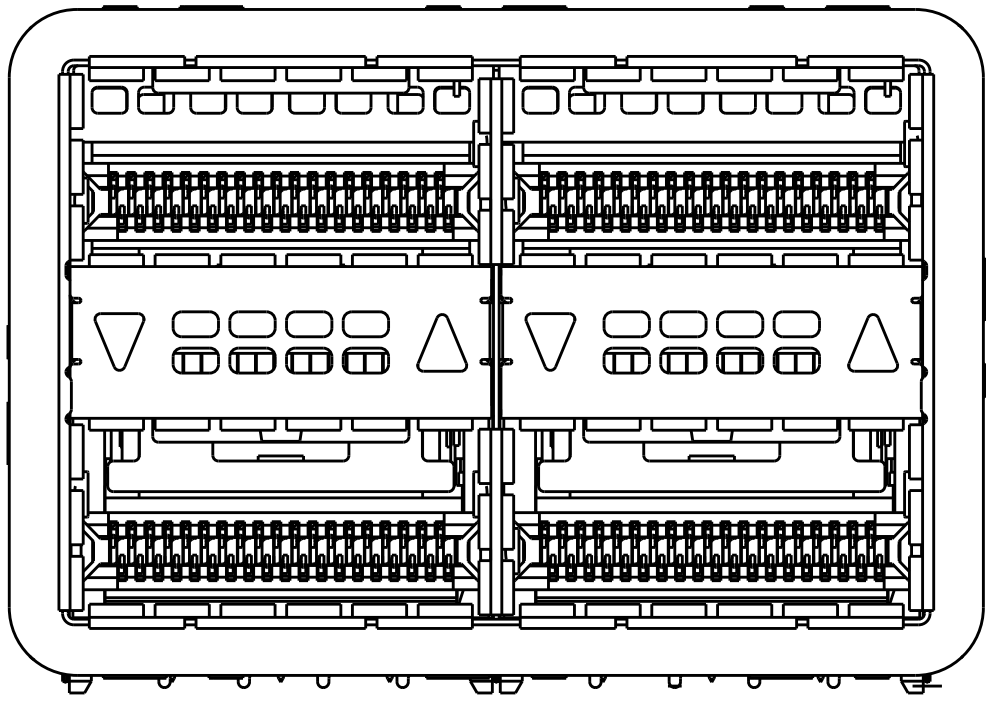
| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
|     |      | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|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



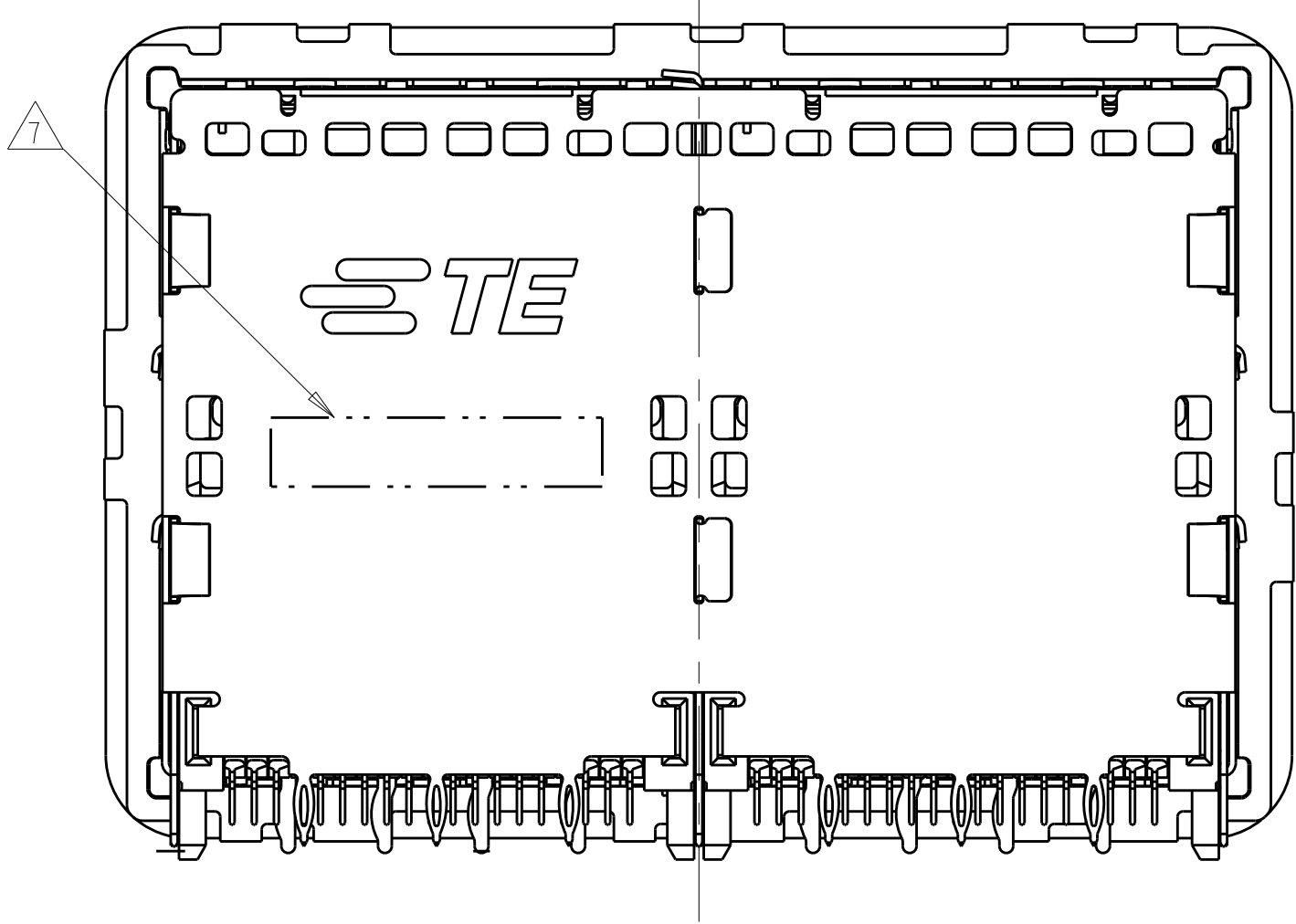
2214593-1 / 2214593-4  
NO LIGHTPIPE IN ASSEMBLY  
SCALE 3:1



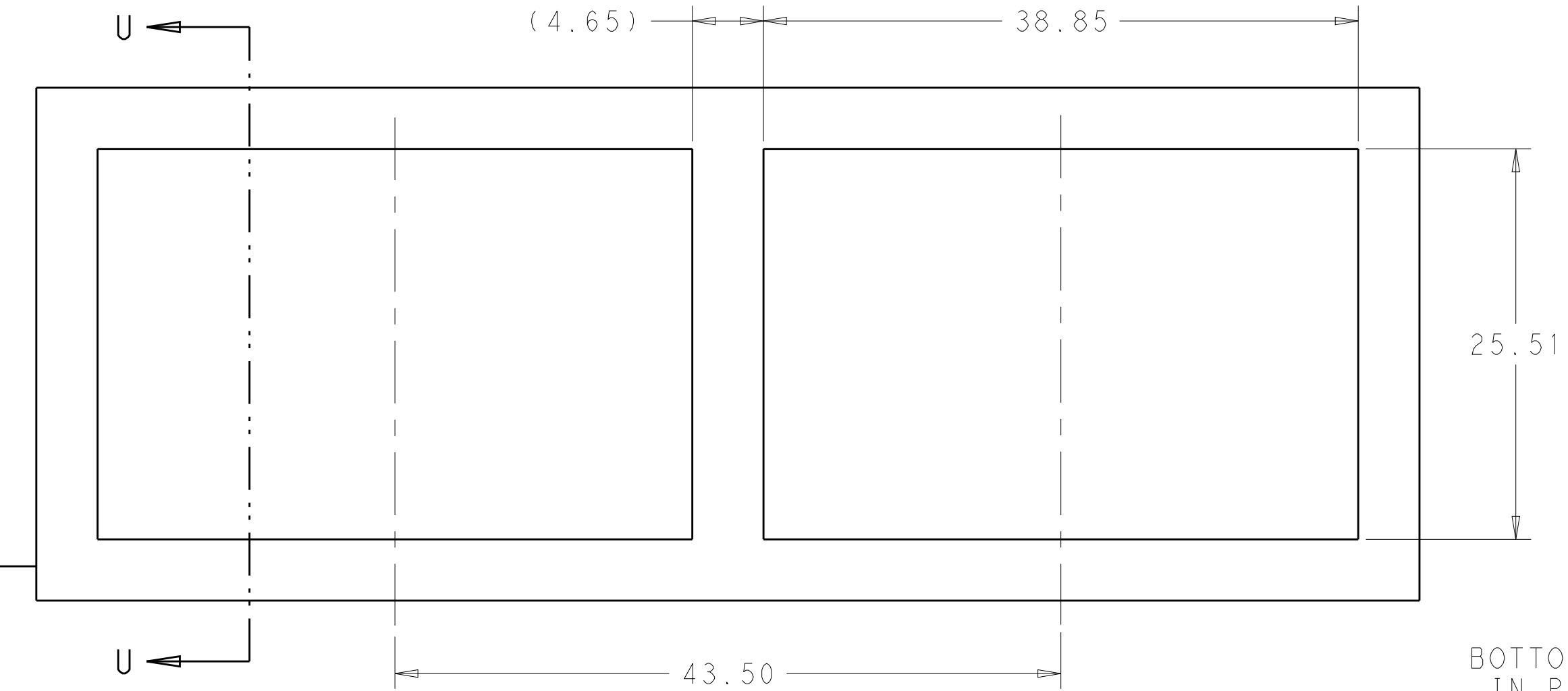
2214593-2 / 2214593-5  
LEFT LIGHTPIPE INDICATOR  
POINTING TO UPPER PORT  
SCALE 3:1



2214593-3 / 2214593-6  
LEFT LIGHTPIPE INDICATOR  
POINTING TO LOWER PORT  
SCALE 3:1



VIEW Y-Y

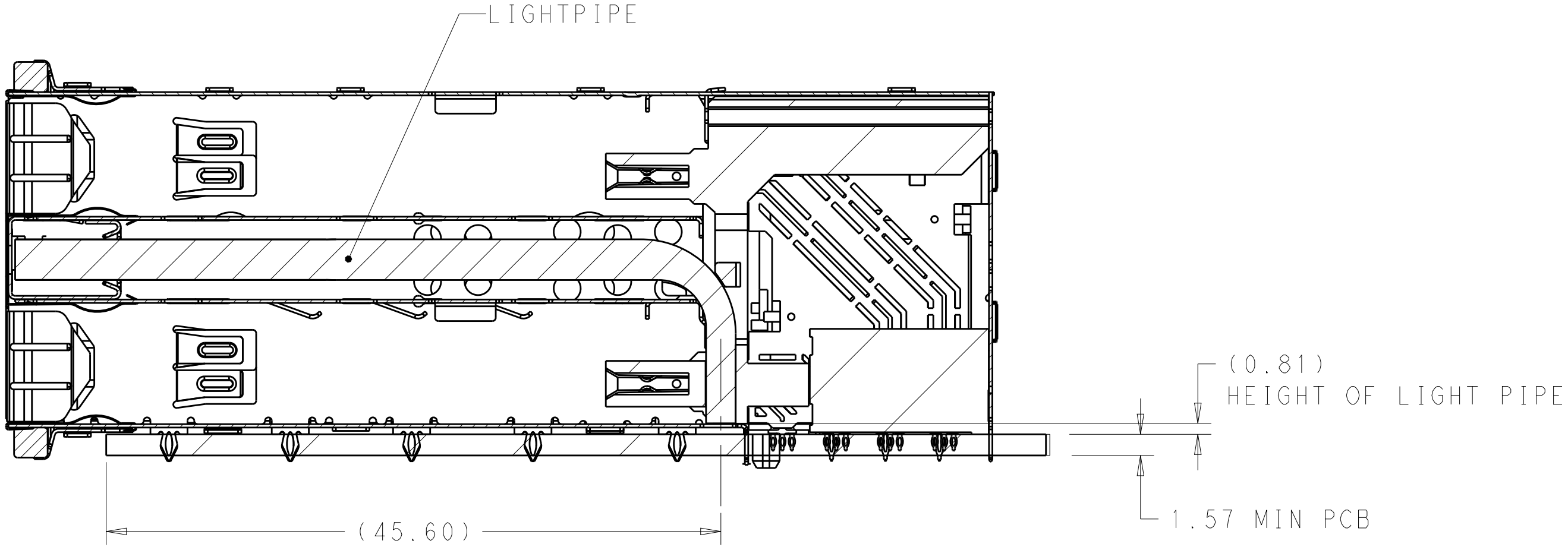


RECOMMENDED PANEL CUTOUT  
AND PC BOARD, PANEL POSITION  
SCALE 3:1

0.19  
BOTTOM OF CUTOUT  
IN PANEL TO TOP  
OF PC BOARD

6.00±0.30  
DISTANCE BETWEEN BACK  
OF PANEL AND FRONT OF  
PC BOARD

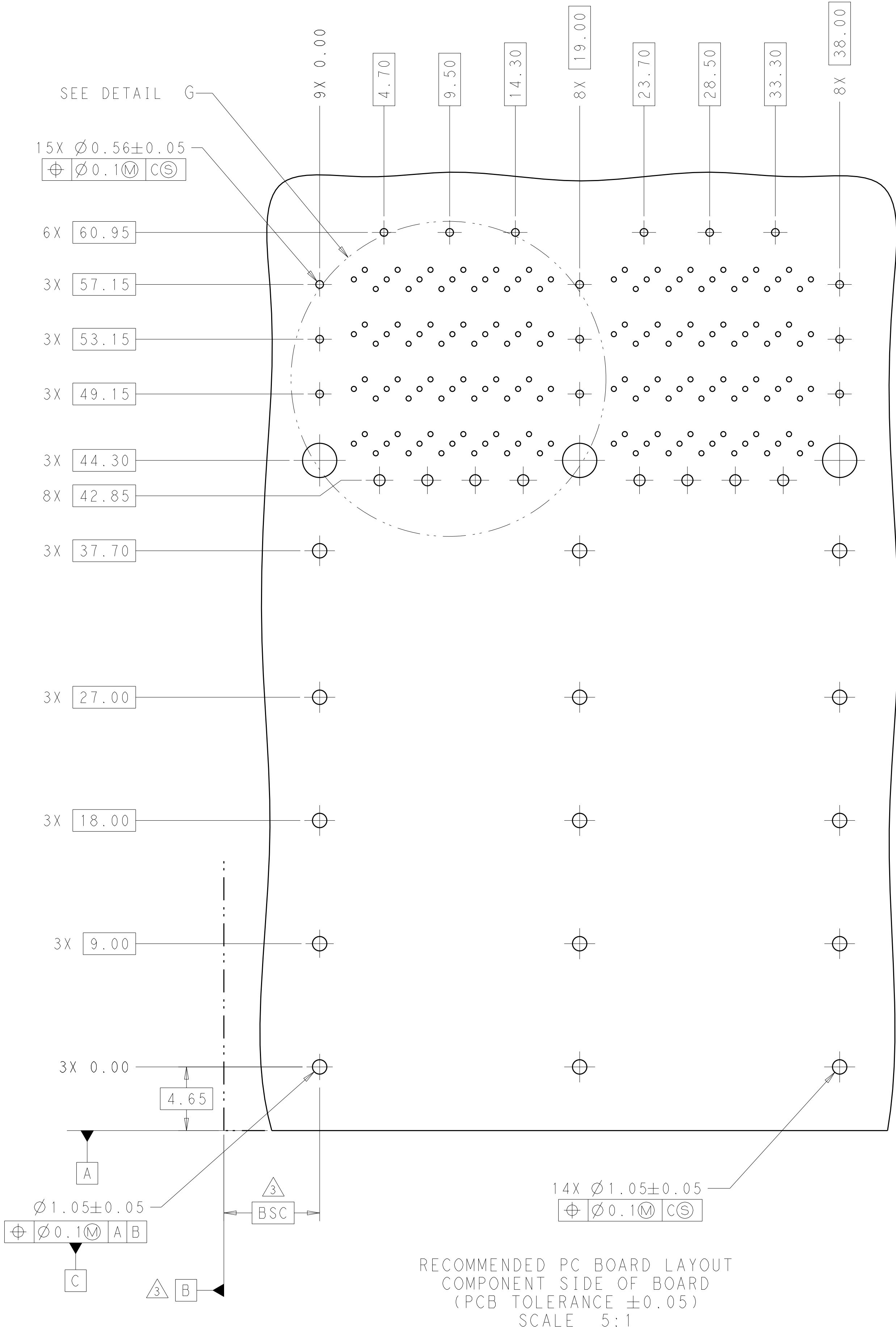
SECTION U-U



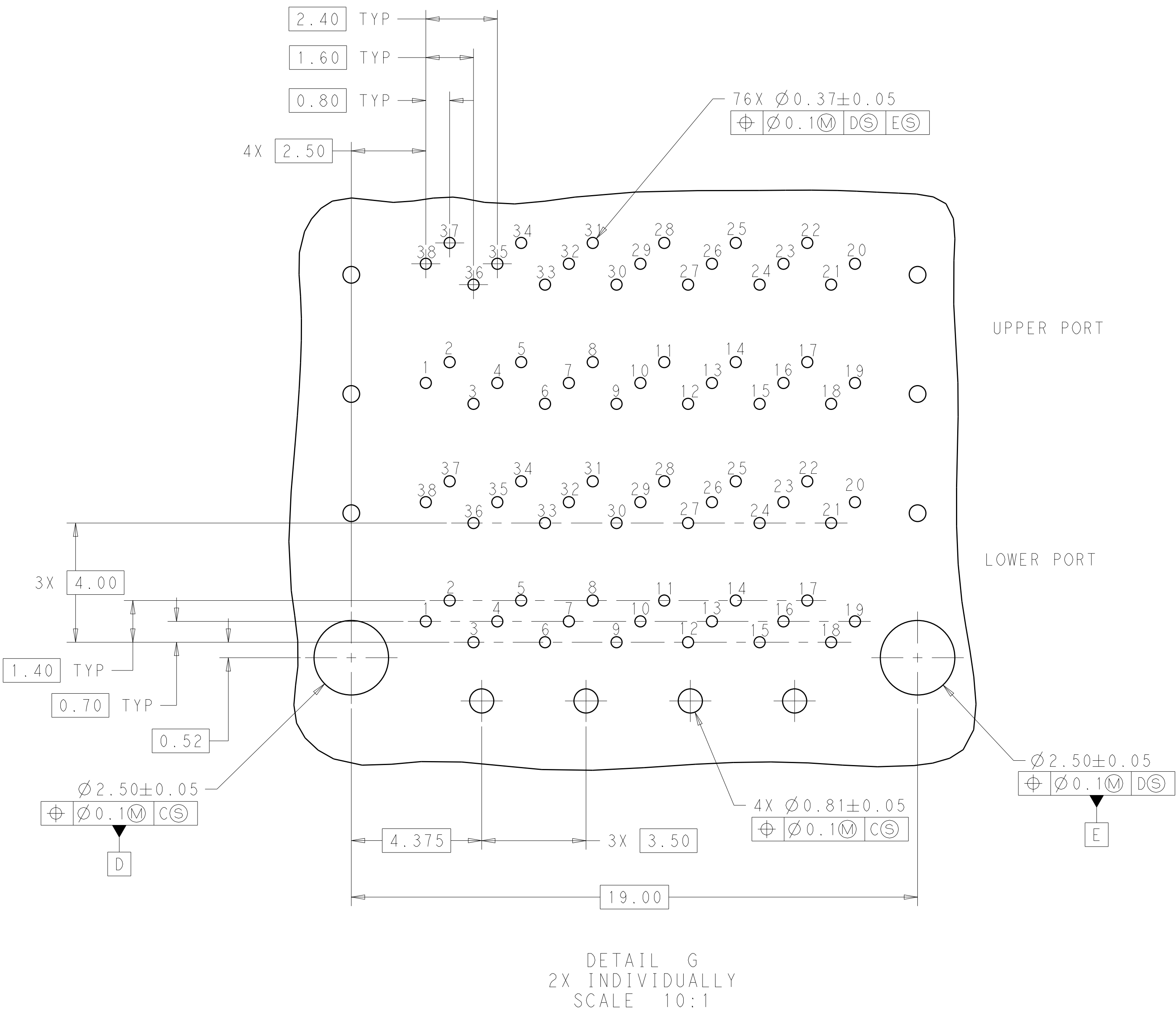
SECTION V-V  
SCALE 3:1

|                                                                                               |  |                                 |  |                                                                                                       |  |
|-----------------------------------------------------------------------------------------------|--|---------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>M. SHIRK<br>24FEB2012    |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                             |  | CHK<br>D. SZCZESNY<br>24FEB2012 |  |                                                                                                       |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                     |  | APVD                            |  | NAME<br><br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI GASKET, 2X2,<br>ZQSFP+ STACKED                   |  |
| 0 PLC ±                                                                                       |  | PRODUCT SPEC                    |  |                                                                                                       |  |
| 1 PLC ±0.25                                                                                   |  | 108-60102                       |  |                                                                                                       |  |
| 2 PLC ±0.15                                                                                   |  | APPLICATION SPEC                |  |                                                                                                       |  |
| 3 PLC ±                                                                                       |  | 114-60015                       |  |                                                                                                       |  |
| 4 PLC ±                                                                                       |  | WEIGHT                          |  |                                                                                                       |  |
| ANGLES ±                                                                                      |  | -                               |  |                                                                                                       |  |
| FINISH                                                                                        |  | CUSTOMER DRAWING                |  |                                                                                                       |  |
| SEE NOTE 1                                                                                    |  | SEE NOTE 2                      |  |                                                                                                       |  |

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

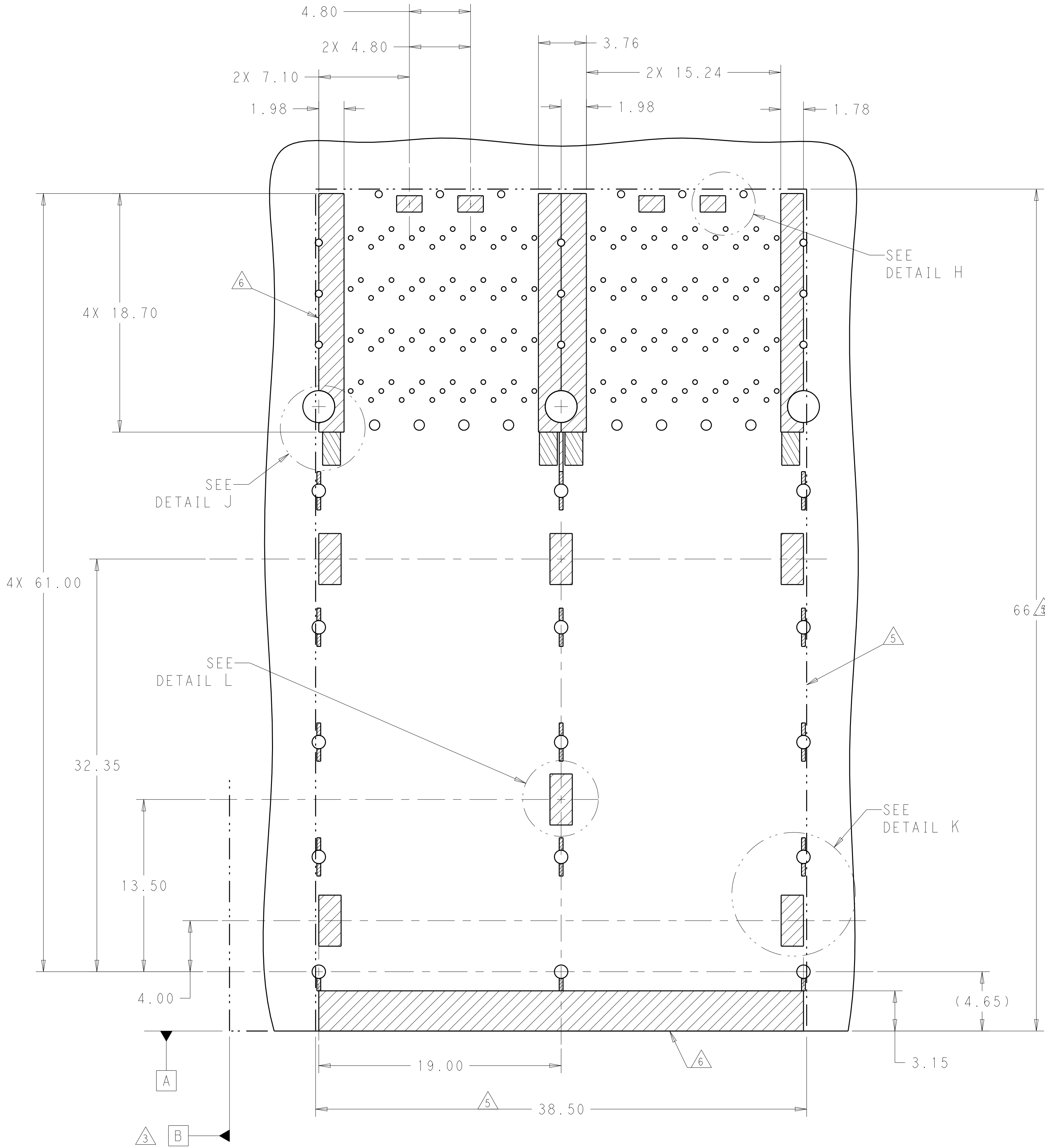


RECOMMENDED PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
(PCB TOLERANCE  $\pm 0.05$ )  
SCALE 5:1

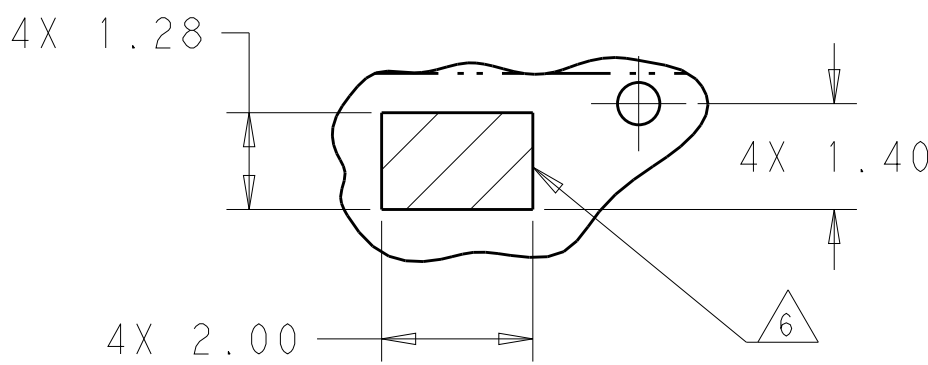


|                                                                                                |                                                                                                             |                                                                              |                                                                                 |                 |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |                                                                                                             | DWN<br>M. SHIRK<br>24FEB2012<br>CHK<br>D. SZCZESNY<br>24FEB2012<br>APVD<br>- | NAME<br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI GASKET, 2X2,<br>ZQSFP+ STACKED |                 |
| DIMENSIONS:<br>mm                                                                              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                   | PRODUCT SPEC<br>108-60102                                                    | SIZE<br>114-60015                                                               | RESTRICTED TO   |
|                                                                                                | 0 PLC $\pm$<br>1 PLC $\pm 0.25$<br>2 PLC $\pm 0.15$<br>3 PLC $\pm$<br>4 PLC $\pm$<br>ANGLES $\pm$<br>FINISH | APPLICATION SPEC<br>114-60015                                                | WEIGHT<br>-                                                                     |                 |
| MATERIAL<br>-                                                                                  | SEE NOTE 1                                                                                                  | CUSTOMER DRAWING                                                             | SCALE<br>4:1                                                                    | SHEET<br>3 OF 4 |
|                                                                                                | SEE NOTE 2                                                                                                  |                                                                              | REV<br>A                                                                        |                 |

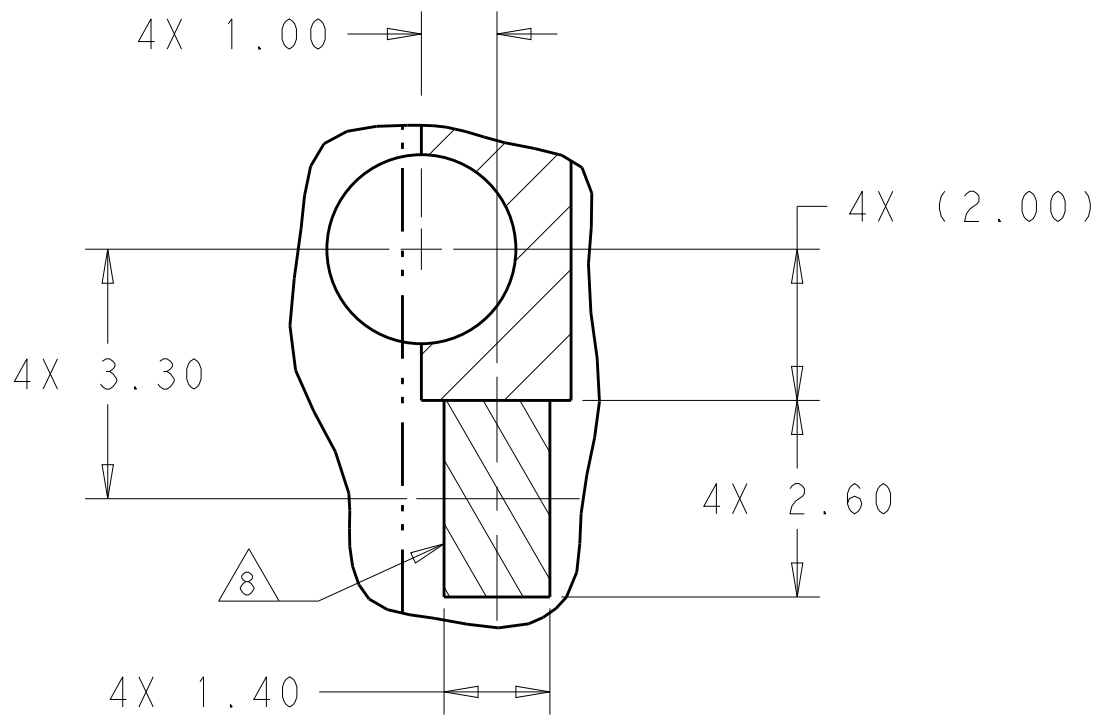
| LOC | DIST | REVISIONS |     |             |      |     |      |   |
|-----|------|-----------|-----|-------------|------|-----|------|---|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN | APVD |   |
|     |      |           | -   | SEE SHEET 1 |      | -   | -    | - |
|     |      |  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



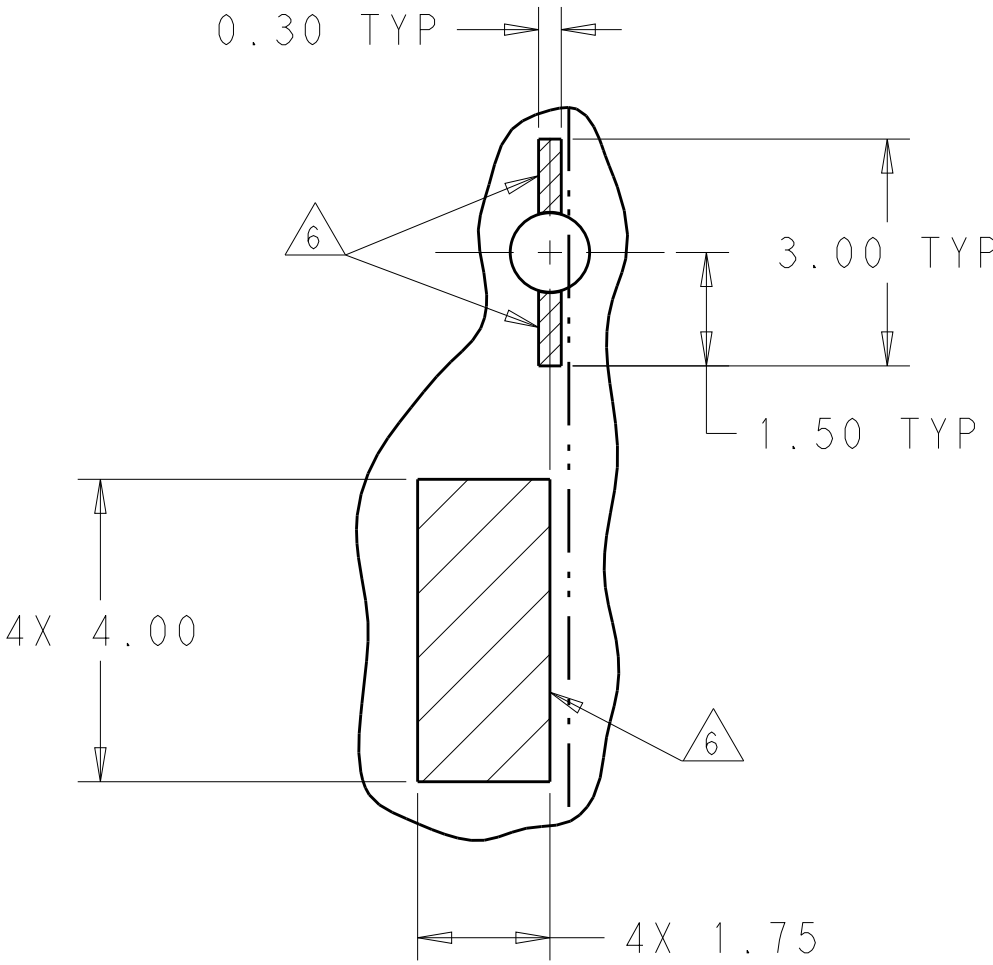
KEEPOUT AREAS  
COMPONENT SIDE OF BOARD  
SCALE 5:1



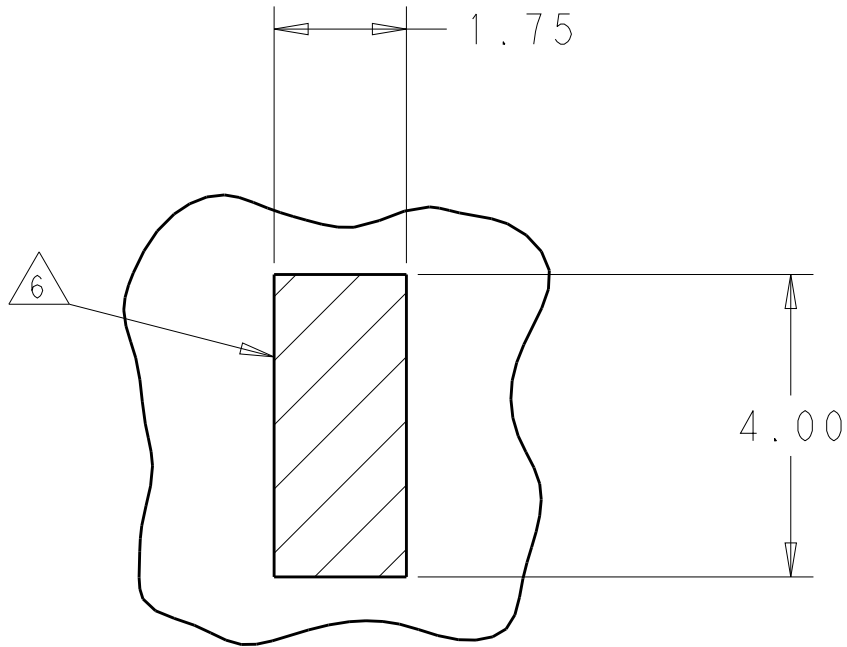
DETAIL H  
SCALE 10:1



DETAIL J  
LED PADS  
SCALE 10:1



DETAIL K  
SCALE 10:1



DETAIL L  
SCALE 10:1

|                                                                                                |                                                                                                                                |                                                                         |                                                                                 |                              |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |                                                                                                                                | DWN<br>M. SHIRK<br>24FEB2012<br>CHK<br>D. SZCZESNY<br>24FEB2012<br>APVD | NAME<br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI GASKET, 2X2,<br>ZQSFP+ STACKED |                              |
| DIMENSIONS:<br>mm<br>                                                                          | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.15<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH | PRODUCT SPEC<br>108-60102<br>APPLICATION SPEC<br>114-60015<br>WEIGHT    | SIZE<br>A100779C=2214593                                                        | RESTRICTED TO<br>-           |
| MATERIAL<br>SEE NOTE 1                                                                         | SEE NOTE 2                                                                                                                     | CUSTOMER DRAWING                                                        |                                                                                 | SCALE 4:1 SHEET 4 OF 4 REV A |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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