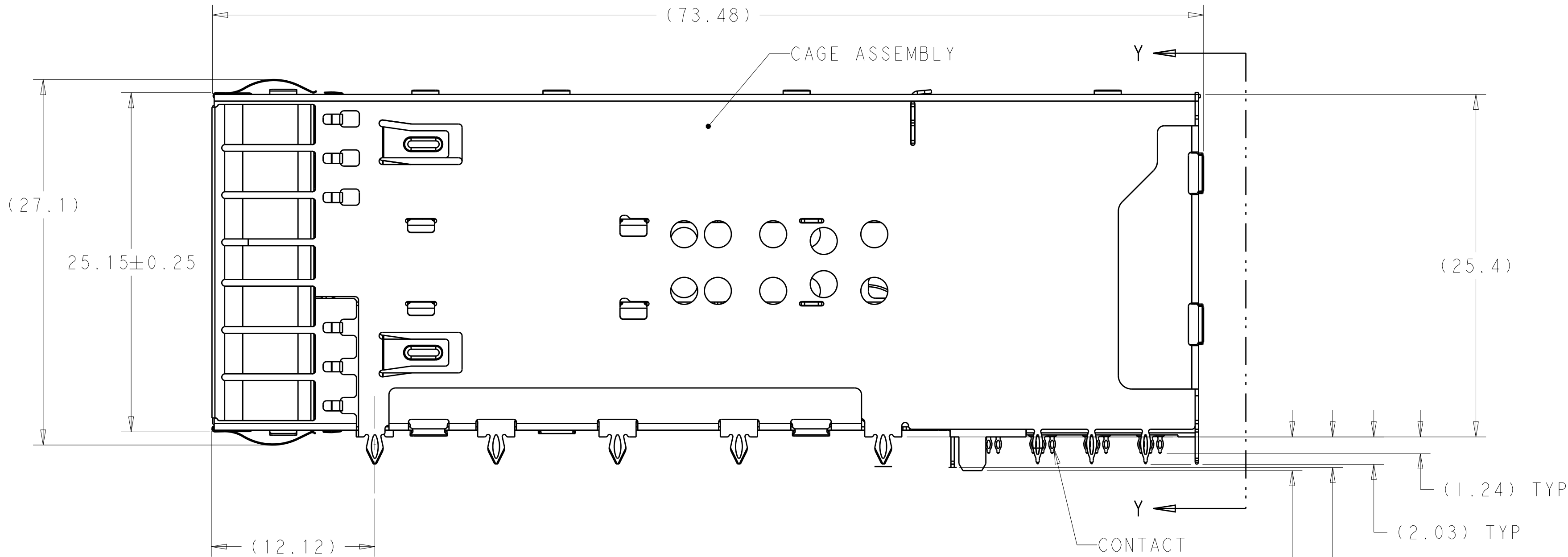
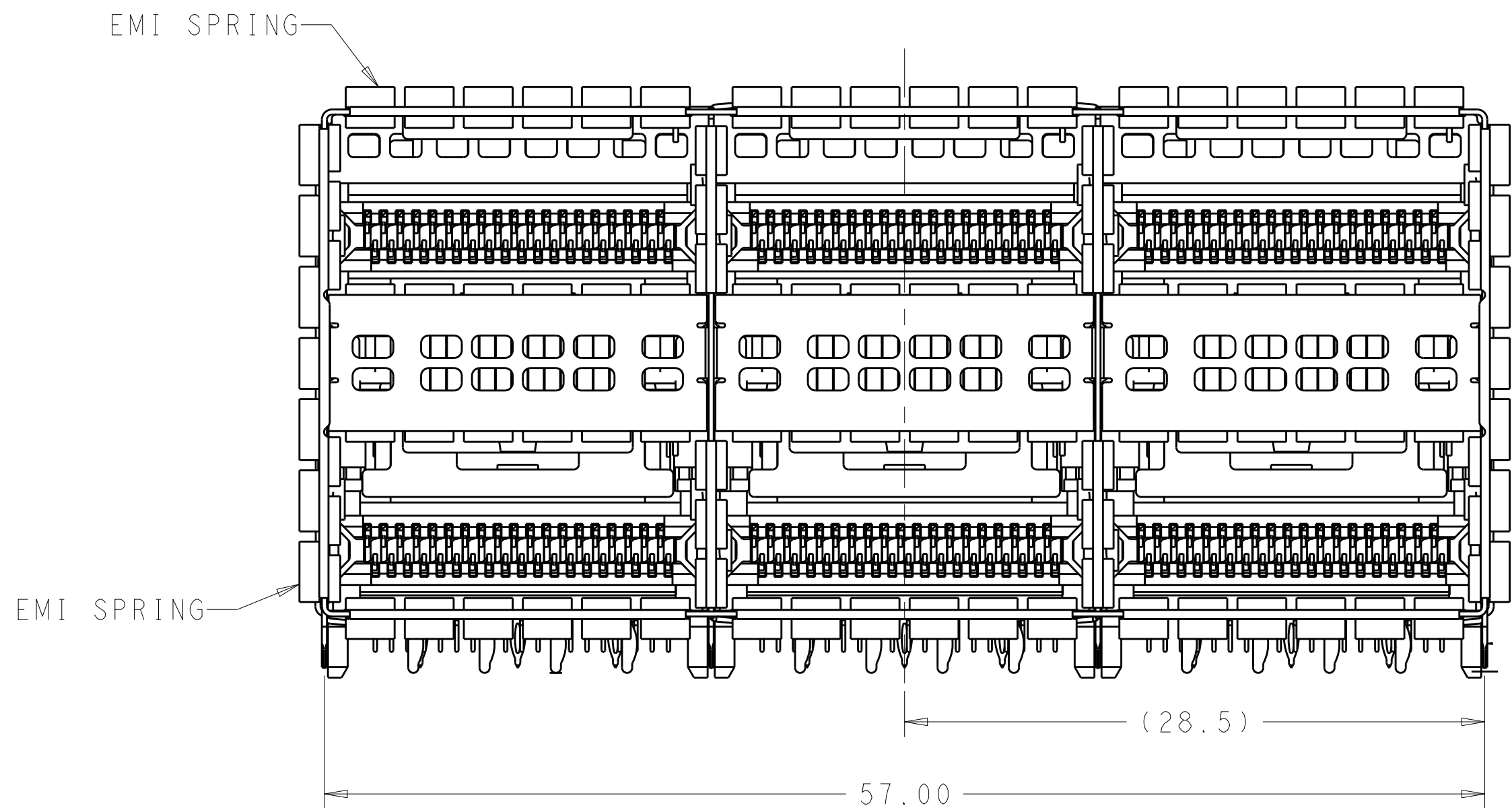


| LOC |     | DIST        |  | REVISIONS |           |     |      |  |
|-----|-----|-------------|--|-----------|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |  |           | DATE      | DWN | APVD |  |
|     |     | A           |  |           | 03MAR2016 | TX  | SH   |  |
|     |     |             |  |           |           |     |      |  |
|     |     |             |  |           |           |     |      |  |



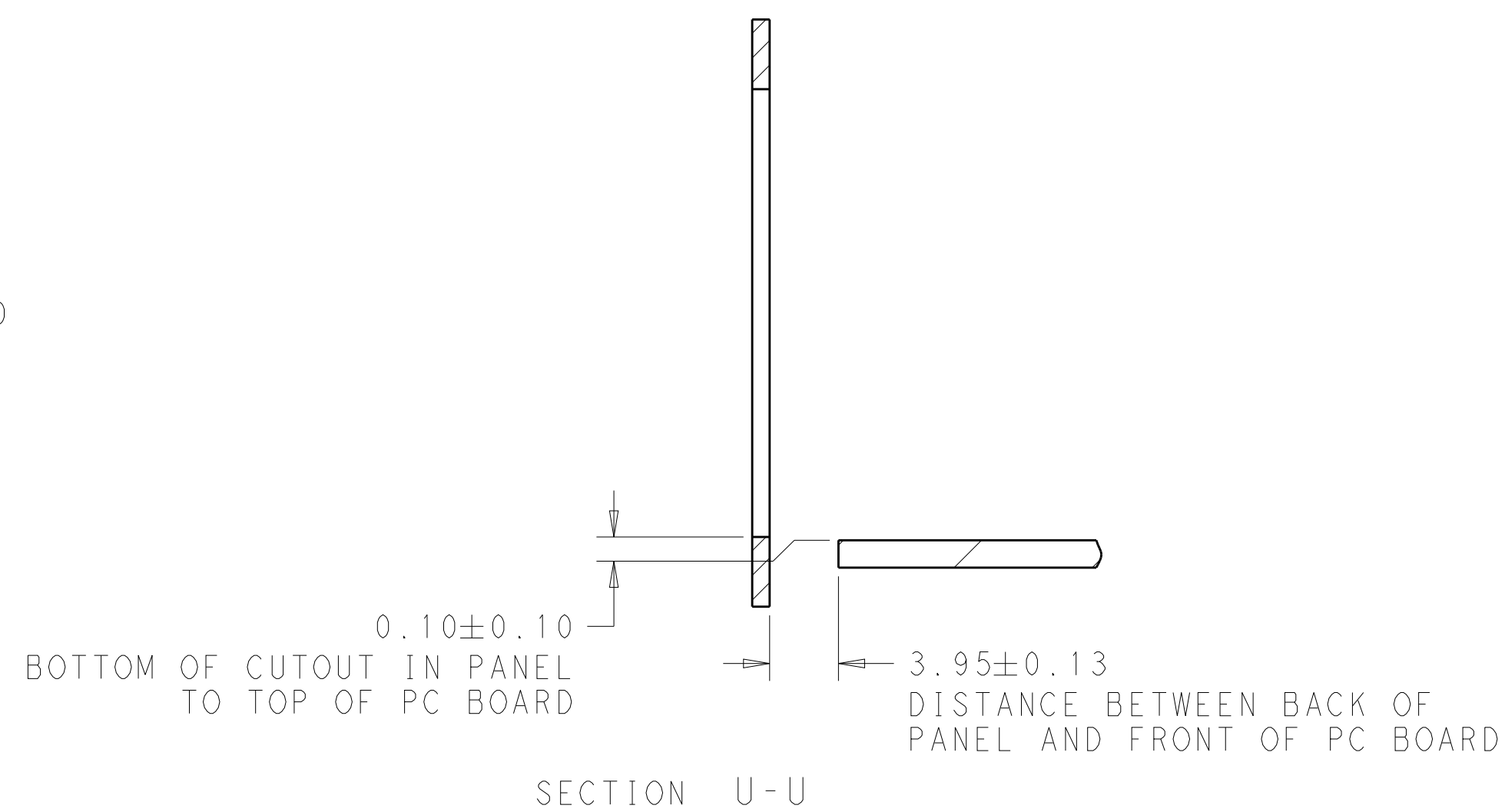
1. MATERIALS:  
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.  
EMI SPRING- COPPER ALLOY, NICKEL PLATED.  
HOUSING- POLYESTER LCP WITH 94 V-0  
CHICKLET- POLYESTER LCP WITH 94 V-0  
CONTACT- COPPER ALLOY.  
LIGHTPIPE- POLYCARBONATE

2. CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

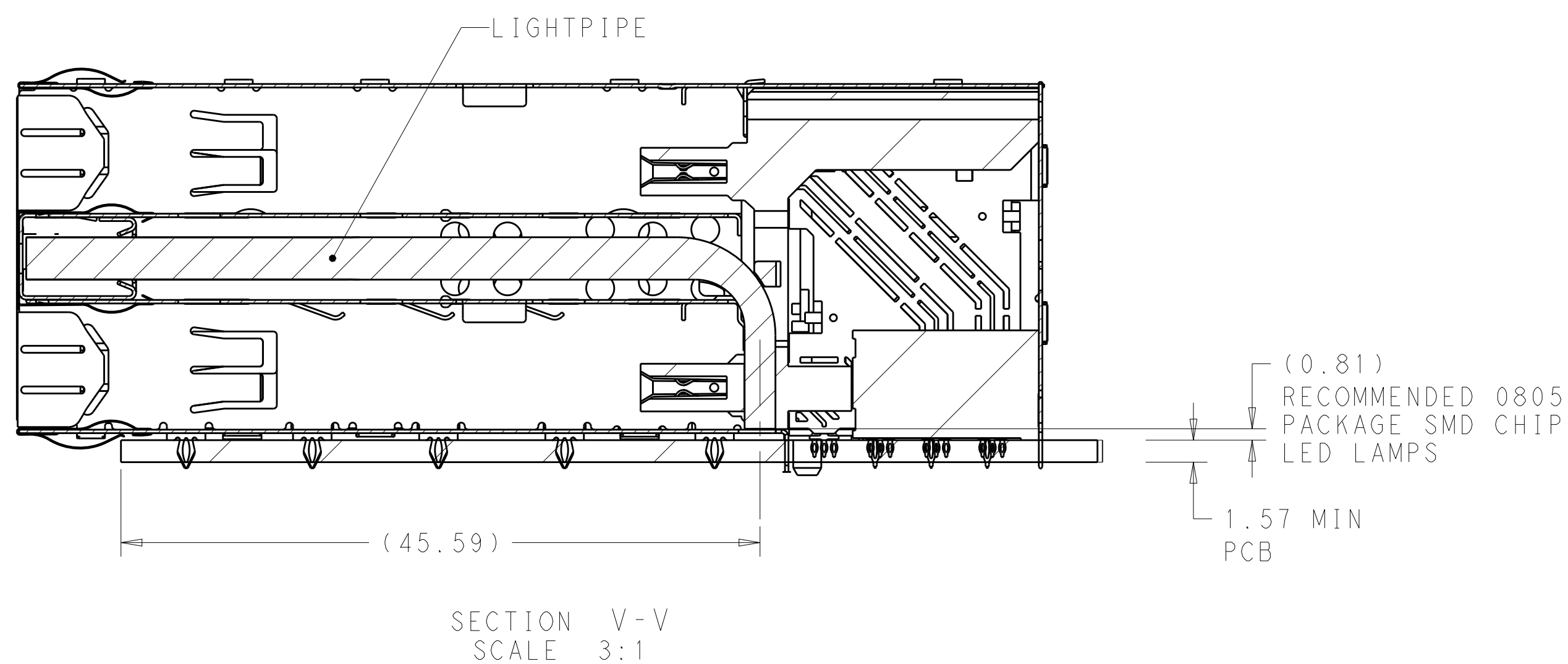
4. MINIMUM PCB THICKNESS OF 1.57.
5. THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.
6. CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
7. PART NUMBER AND DATE CODE MAKED IN APPROXIMATE AREA SHOWN.
8. CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING END, 1.25µm TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.
9. REMOVE THE PCB HOLES FOR 1-2227671-0 FOR BELLY TO BELLY APPLICATION
10. HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE

|                |                              |             |
|----------------|------------------------------|-------------|
| 2              | ALL INDICATOR DOWN, 4 LP     | 1-2227671-2 |
| 2              | DUAL LEFT INDICATOR UP, 4 LP | 1-2227671-1 |
| 2              | LEFT INDICATOR UP, 2 LP      | 1-2227671-0 |
| 2              | LEFT INDICATOR DOWN, 4 LP    | 2227671-9   |
| 2              | LEFT INDICATOR UP, 4 LP      | 2227671-8   |
| 2              | ALL INDICATOR UP, 4 LP       | 2227671-7   |
| 8              | LEFT INDICATOR DOWN          | 2227671-6   |
| 8              | LEFT INDICATOR UP            | 2227671-5   |
| 8              | NO LIGHTPIPE                 | 2227671-4   |
| 2              | LEFT INDICATOR DOWN          | 2227671-3   |
| 2              | LEFT INDICATOR UP            | 2227671-2   |
| 2              | NO LIGHTPIPE                 | 2227671-1   |
| CONTACT FINISH |                              | PART NUMBER |

|                                        |                                                                                     |                                 |                                                                                             |                                    |
|----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                     | DWN<br>M. SHIRK<br>18JAN2013    | TE Connectivity                                                                             |                                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |                                                                                     | CHK<br>D. SZCZESNY<br>18JAN2013 |                                                                                             |                                    |
| DIMENSIONS:                            | mm                                                                                  | PRODUCT SPEC<br>108-60102       | NAME<br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI SPRING, THRU BEZEL, 2X3,<br>ZQSFP+ STACKED |                                    |
|                                        | 0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.15<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± | APPLICATION SPEC<br>114-60015   | SIZE<br>A100779                                                                             | CAGE CODE<br>DRAWING NO<br>2227671 |
|                                        | MATERIAL<br>SEE NOTE 1                                                              | WEIGHT<br>-                     | RESTRICTED TO<br>-                                                                          |                                    |
| SEE NOTE 2                             |                                                                                     | CUSTOMER DRAWING                | SCALE<br>4:1                                                                                | SHEET<br>1 OF 6                    |

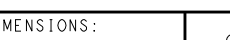


RECOMMENDED PANEL CUTOUT  
AND PC BOARD, PANEL POSITION  
SCALE 3:1

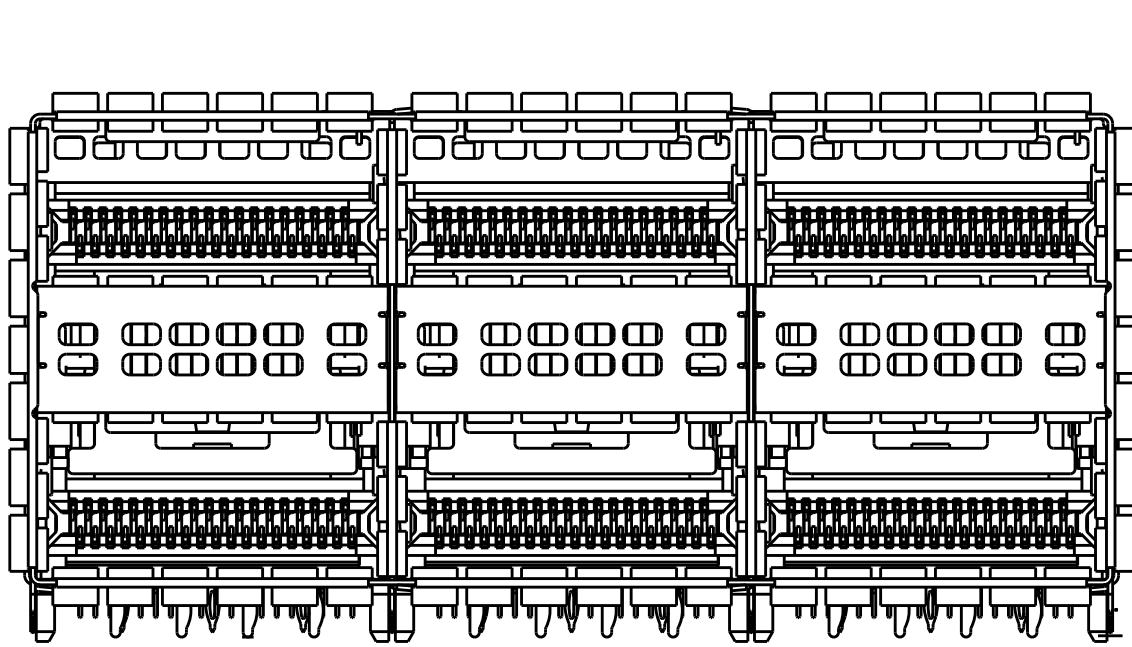


VIEW Y - Y

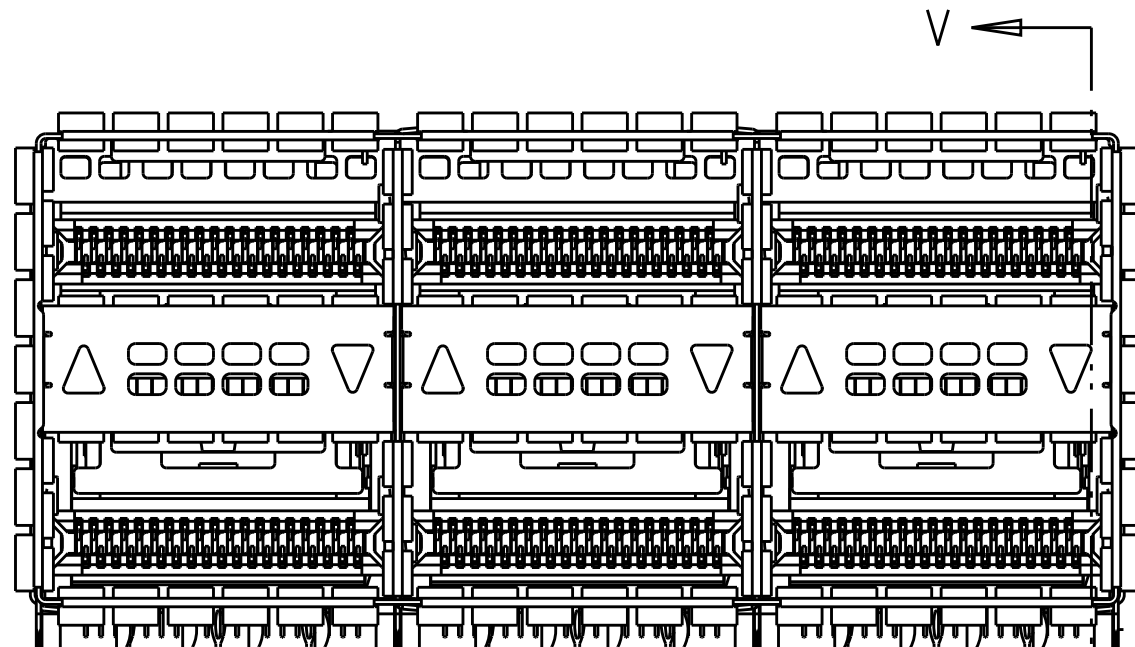
SECTION V-V  
SCALE 3:1

|                                                                                                            |  |                                                                                                                                 |  |                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                     |  | DWN 18JAN2013<br>CHK M.SHIRK<br>D.SZCZESNY 18JAN2013                                                                            |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLIC ±.1<br>1 PLIC ±.25<br>2 PLIC ±.15<br>3 PLIC ±.1<br>4 PLIC ±.1<br>ANGLES FINISH |  | NAME<br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI SPRING, THRU BEZEL, 2X3,<br>ZQSFP+ STACKED           |  |
| MATERIAL<br>SEE NOTE 1                                                                                     |  | WEIGHT<br>SEE NOTE 2                                                                                                            |  | SIZE CAGE CODE DRAWING NO<br>A100779C-2227671                                                         |  |
| CUSTOMER DRAWING                                                                                           |  | SCALE 4:1                                                                                                                       |  | SHEET 1 of 6 REV A                                                                                    |  |

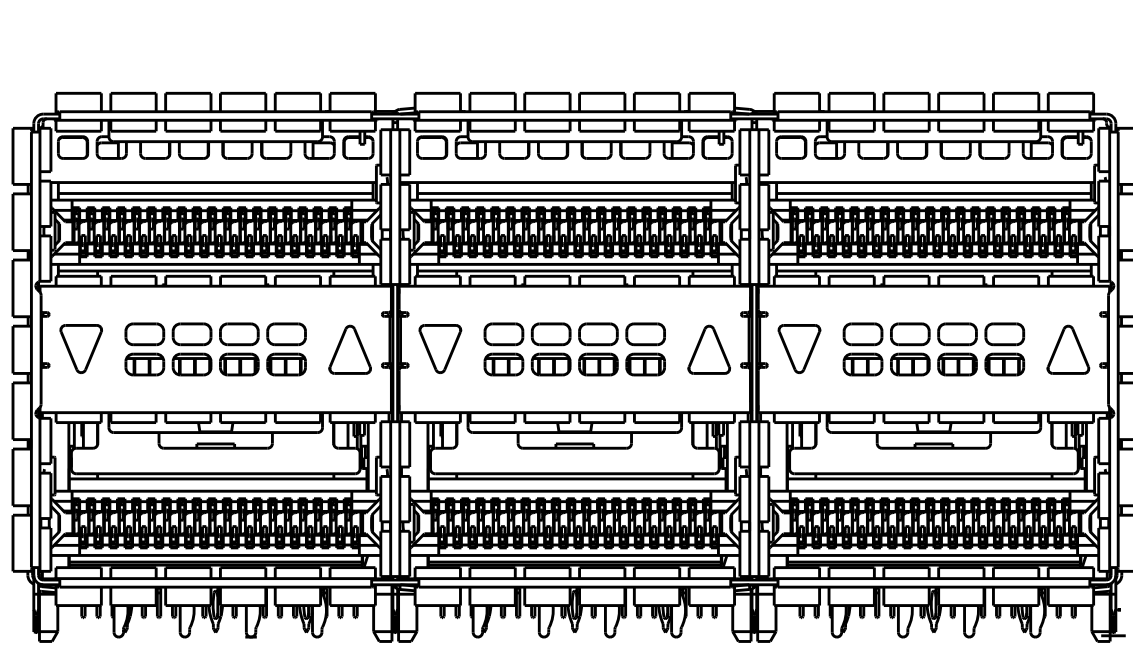
| LOC |  | DIST |  | REVISIONS   |  |      |     |
|-----|--|------|--|-------------|--|------|-----|
| P   |  | LYR  |  | DESCRIPTION |  | DATE | OWN |
| -   |  | -    |  | SEE SHEET 1 |  | -    | -   |
|     |  |      |  |             |  |      |     |
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|     |  |      |  |             |  |      |     |



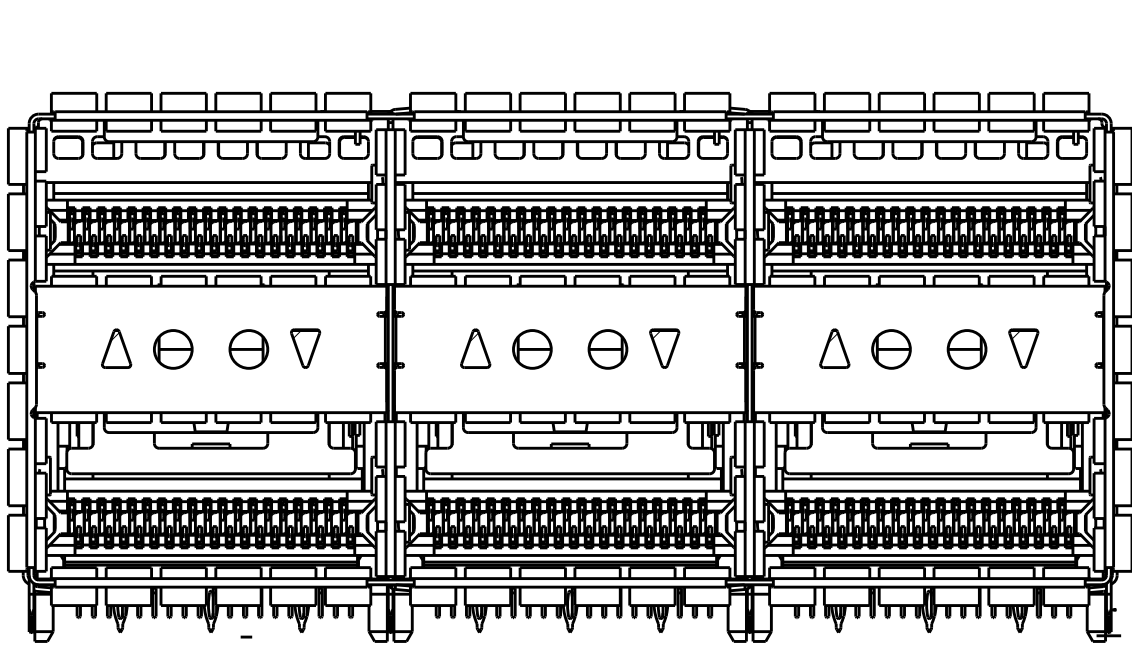
2227671-1/4  
NO LIGHTPIPE IN ASSEMBLY  
SCALE 5:2



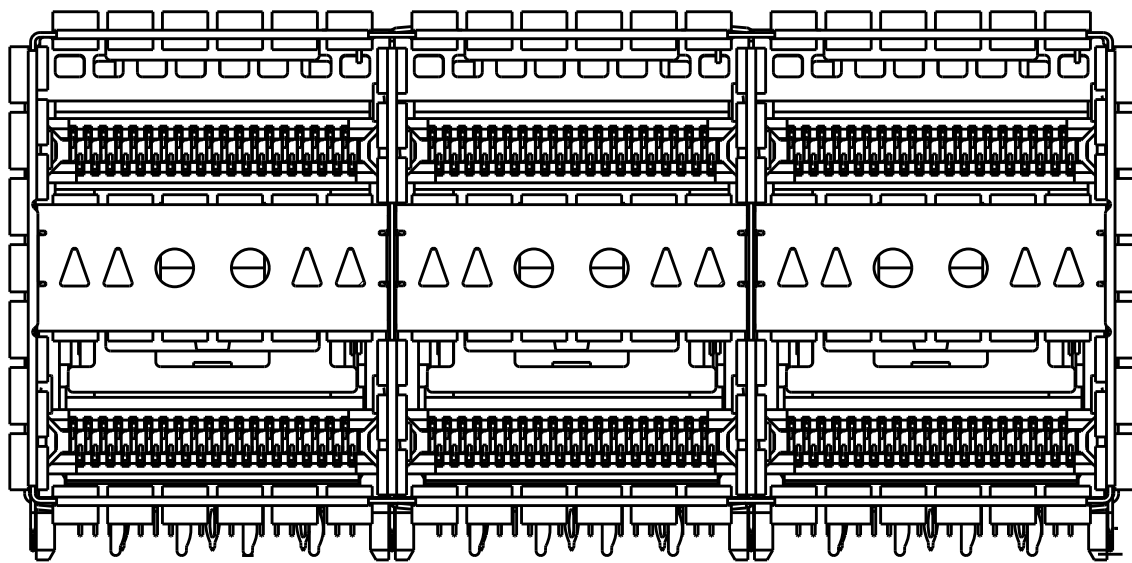
2227671-2/5  
LEFT LIGHTPIPE INDICATOR  
POINTING TO UPPER PORT  
SCALE 5:2



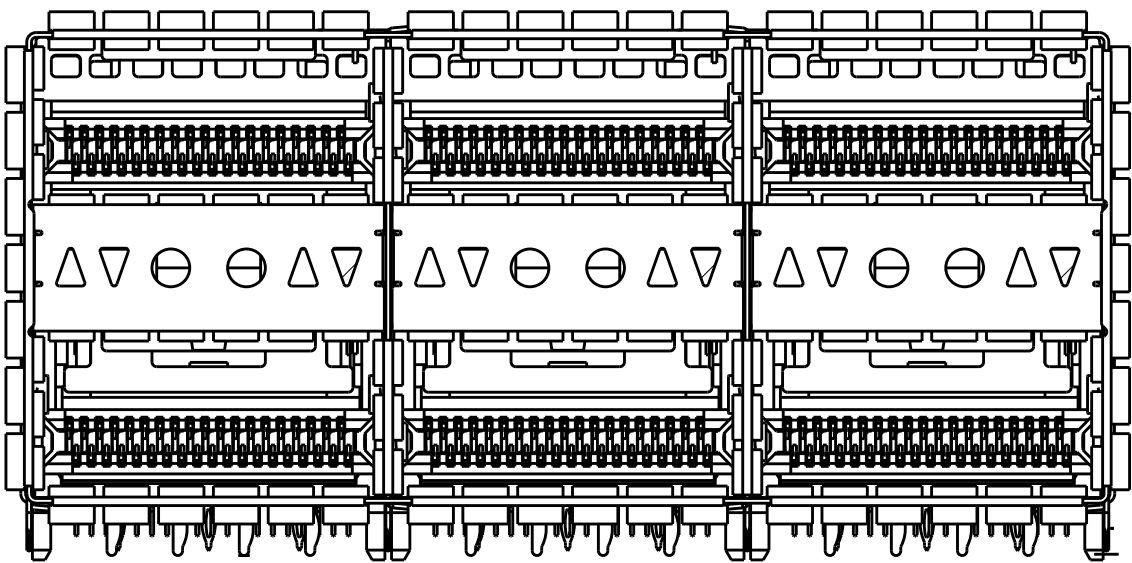
2227671-3/6  
LEFT LIGHTPIPE INDICATOR  
POINTING TO LOWER PORT  
SCALE 5:2



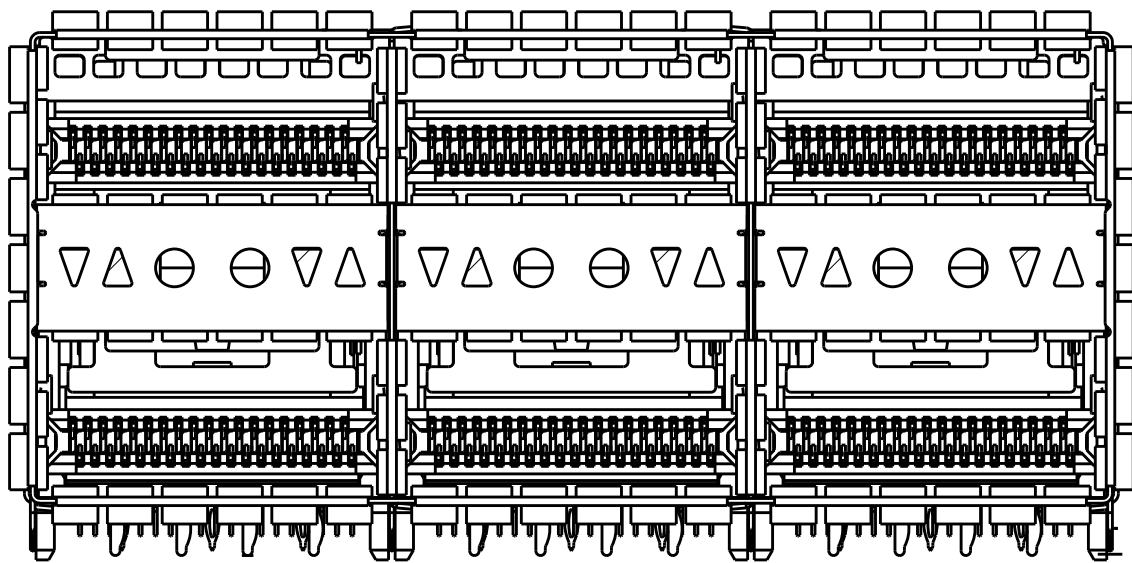
1-2227671-0  
LEFT INDICATOR UP, 2LP  
SCALE 5:2



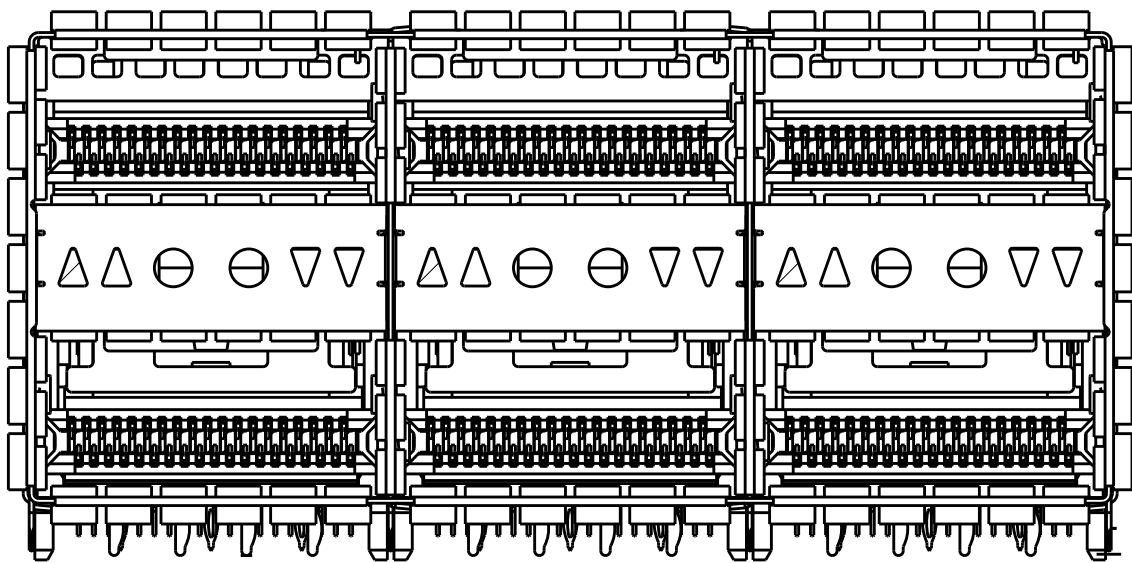
2227671-7  
ALL INDICATOR UP, 4LP  
SCALE 5:2



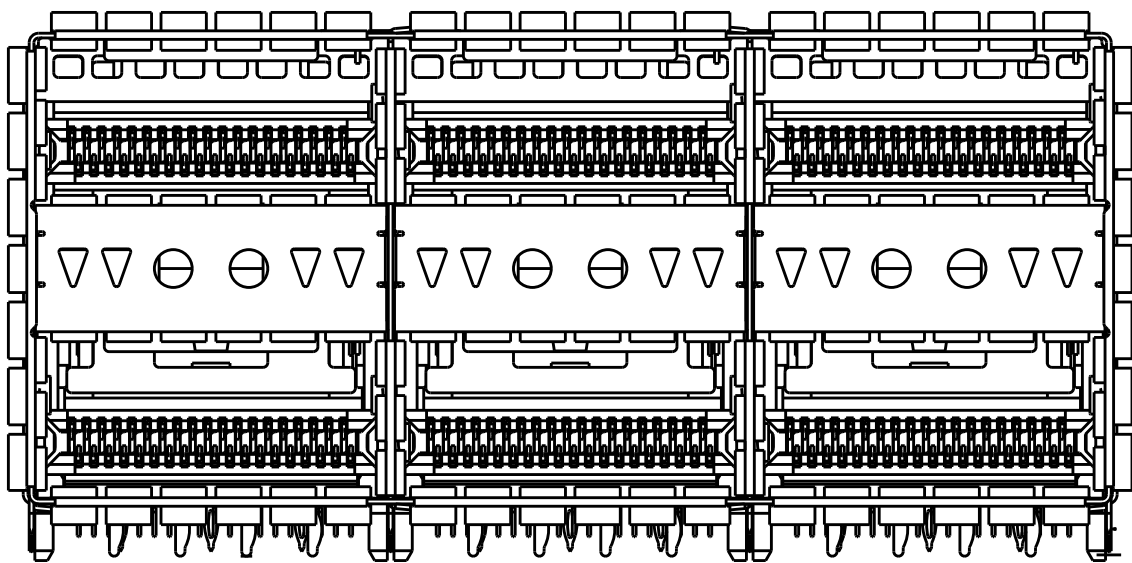
2227671-8  
LEFT INDICATOR UP, 4LP  
SCALE 5:2



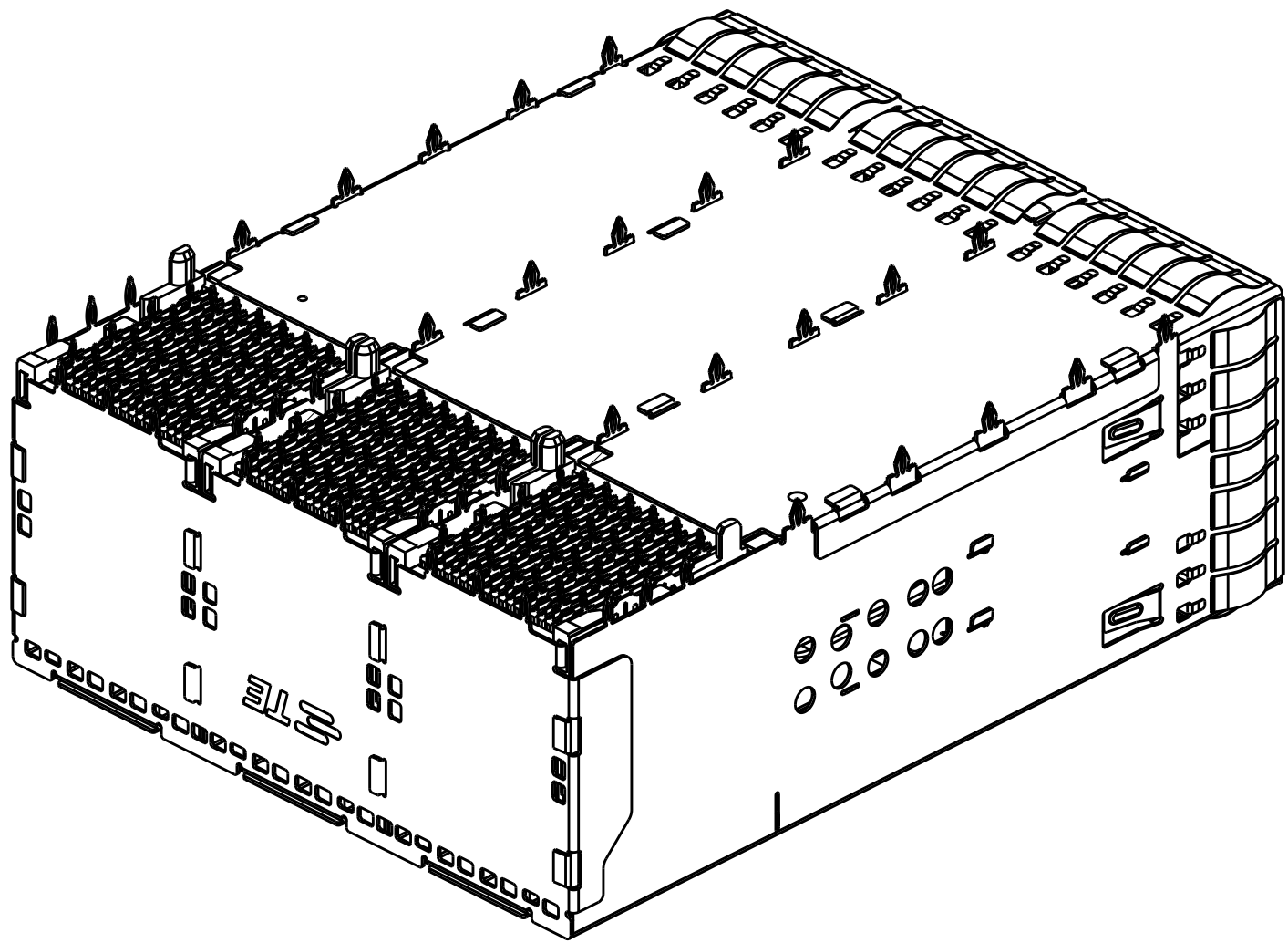
2227671-9  
LEFT INDICATOR DOWN, 4LP  
SCALE 5:2



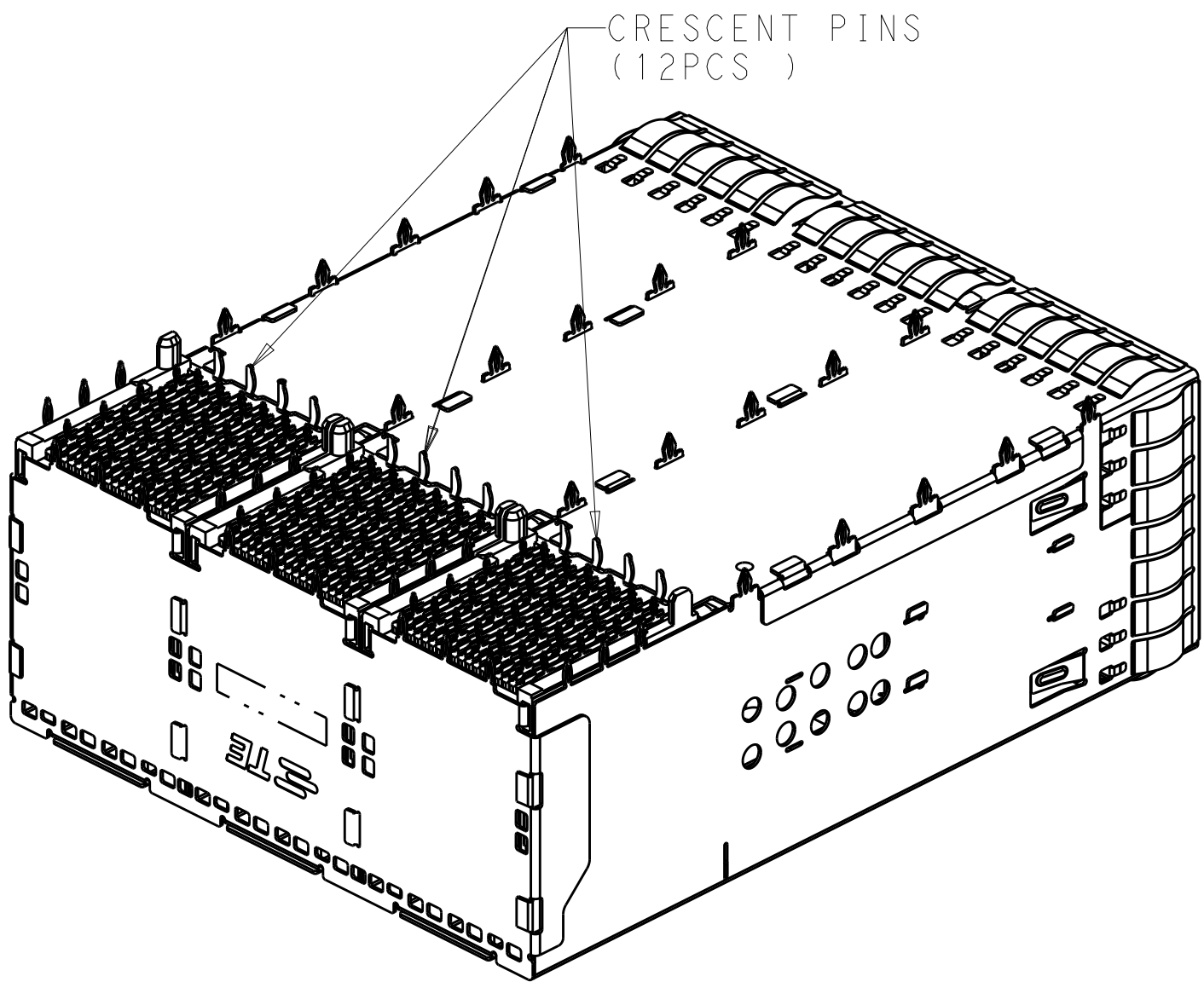
1-2227671-1  
DUAL LEFT INDICATOR UP, 4 LP  
SCALE 5:2



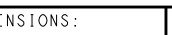
1-2227671-2  
ALL INDICATOR DOWN, 4 LP  
SCALE 5:2



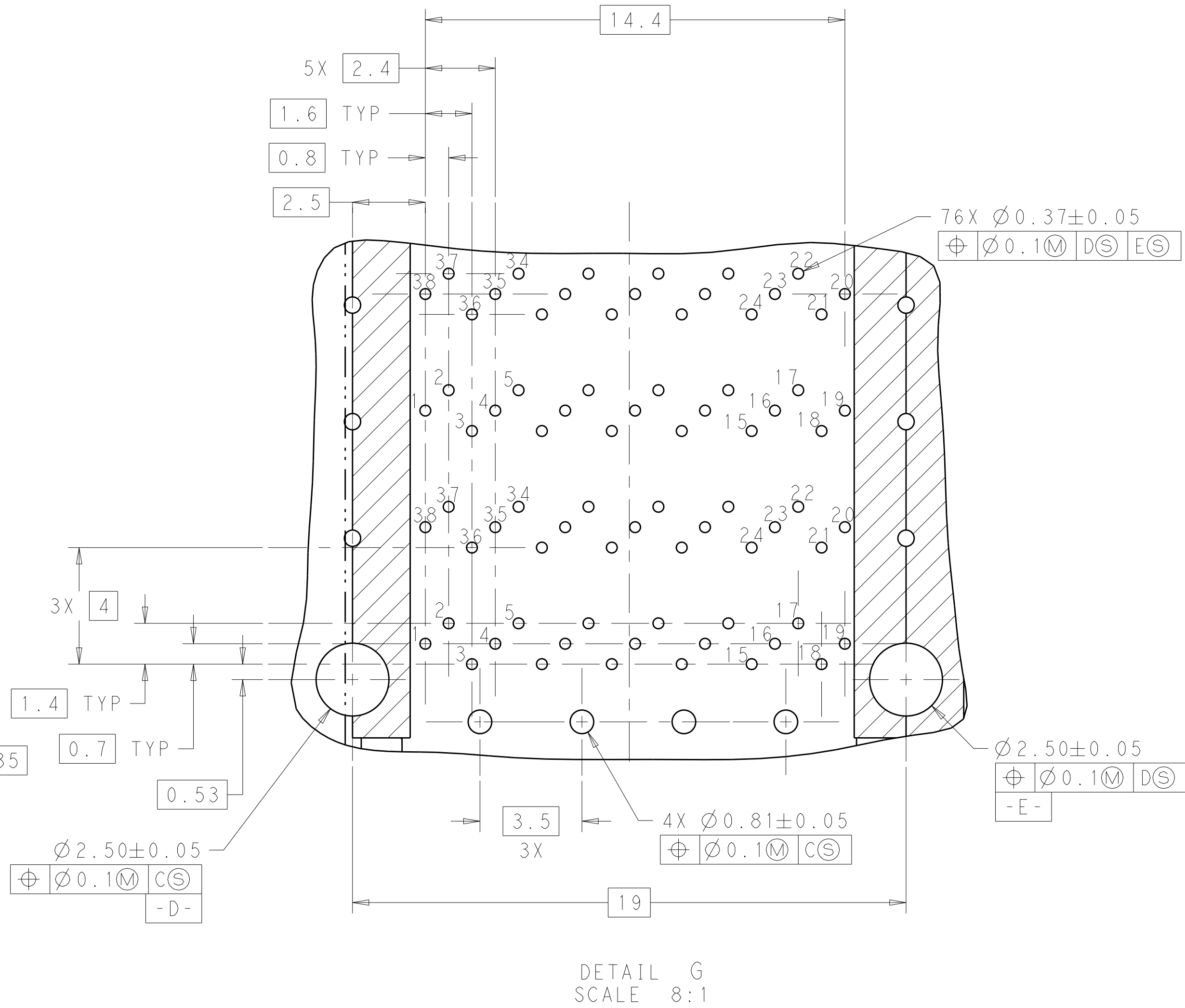
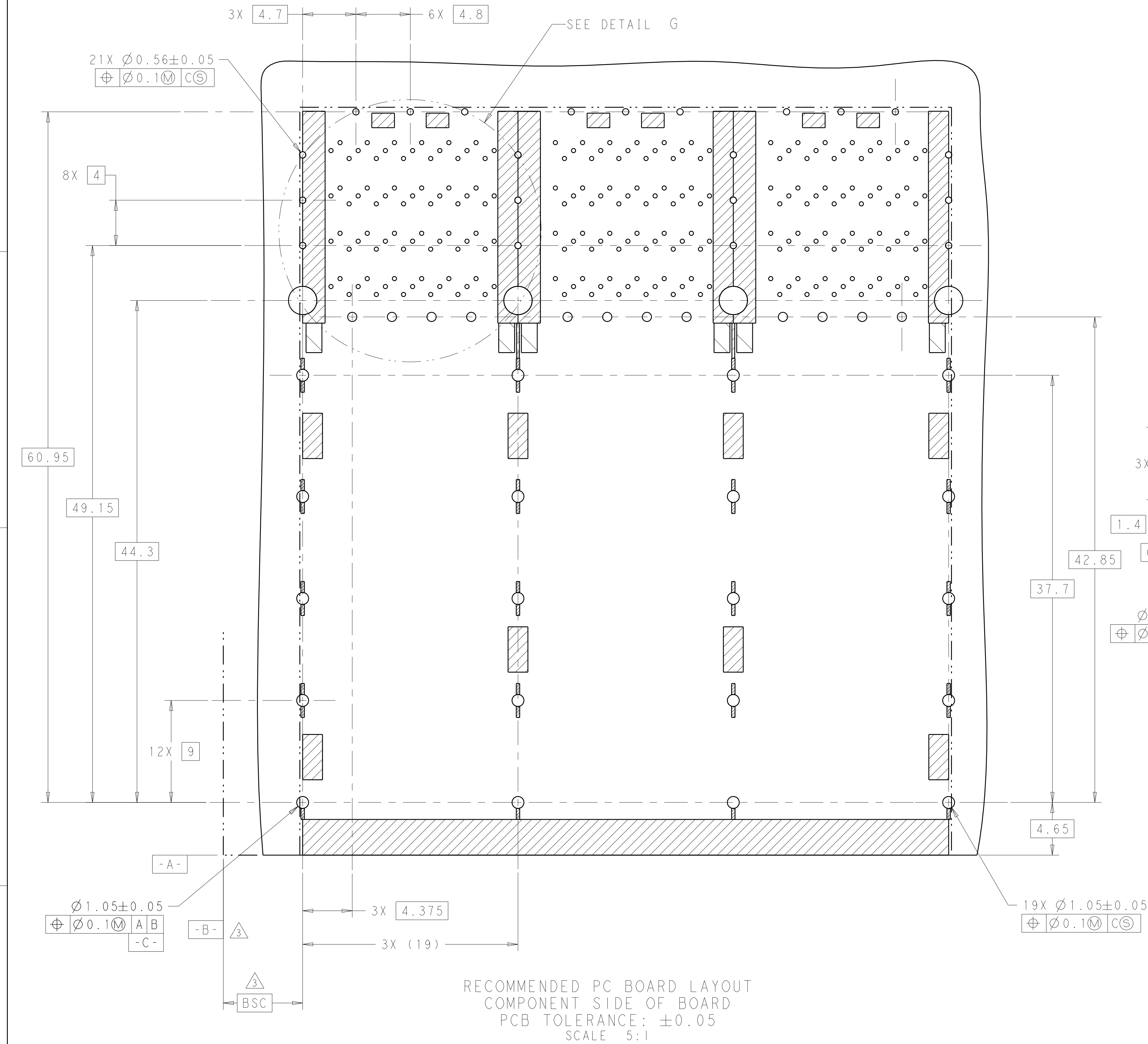
ONLY 1-2227671-0 AS SHOWN WITHOUT CRESCENT PINS  
SCALE 2:1



2227671-1 TO 2227671-9, 1-2227671-1  
AND 1-2227671-2 AS SHOWN WITH CRESCENT PINS  
SCALE 2:1

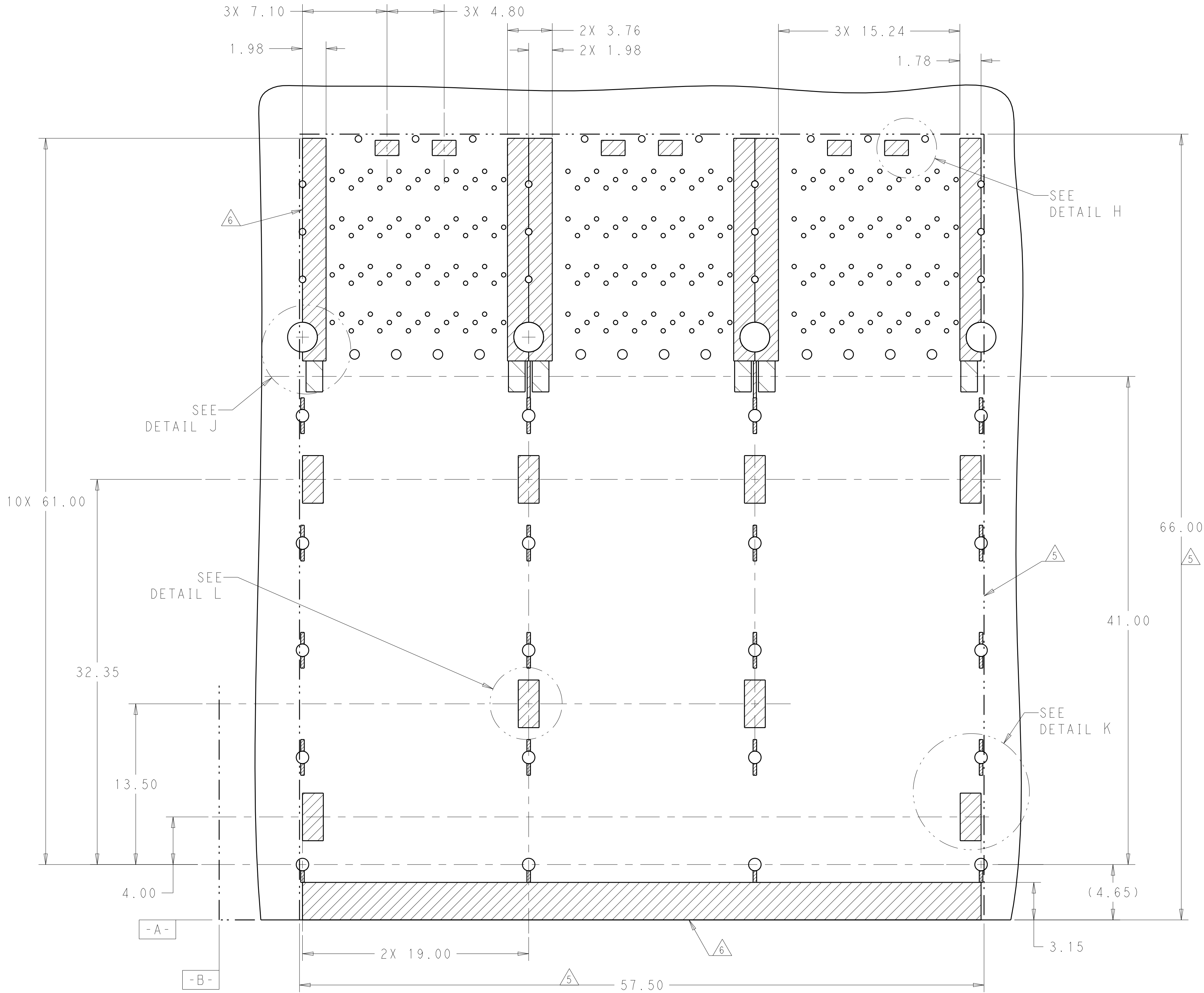
|                                                                                       |  |                                        |  |              |             |                  |                                                                                       |                                                                                     |                 |            |               |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|--------------|-------------|------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        |  | OWN          | M. SHIRK    | 18JAN2013        |  |                                                                                     | TE Connectivity |            |               |
|                                                                                       |  |                                        |  | CHK          | D. SZCZESNY | 18JAN2013        |                                                                                       |                                                                                     |                 |            |               |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD         | -           | -                | NAME                                                                                  | CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI SPRING, THRU BEZEL, 2X3,<br>ZQSFP+ STACKED |                 |            |               |
| mm                                                                                    |  |                                        |  | PRODUCT SPEC |             | APPLICATION SPEC |                                                                                       |                                                                                     |                 |            |               |
|  |  | 0 PLC ±                                |  | 108-60102    |             | SIZE             |                                                                                       | CAGE CODE                                                                           |                 | DRAWING NO | RESTRICTED TO |
|                                                                                       |  | 1 PLC ±0.25                            |  | 114-60015    |             | A1               |                                                                                       | 00779C=                                                                             |                 | 2227671    |               |
|                                                                                       |  | 2 PLC ±0.15                            |  |              |             | WEIGHT           |                                                                                       | SCALE                                                                               |                 | 4:1        | SHEET         |
|                                                                                       |  | 3 PLC ±                                |  |              |             |                  |                                                                                       |                                                                                     |                 | 1          |               |
|                                                                                       |  | 4 PLC ±                                |  |              |             |                  |                                                                                       |                                                                                     |                 | 6          | REV           |
| MATERIAL                                                                              |  | FINISH                                 |  |              |             | CUSTOMER DRAWING |                                                                                       |                                                                                     |                 |            |               |
| SEE NOTE 1                                                                            |  | SEE NOTE 2                             |  |              |             |                  |                                                                                       |                                                                                     |                 |            |               |
|                                                                                       |  |                                        |  |              |             |                  |                                                                                       |                                                                                     |                 |            |               |
|                                                                                       |  |                                        |  |              |             |                  |                                                                                       |                                                                                     |                 |            |               |
|                                                                                       |  |                                        |  |              |             |                  |                                                                                       |                                                                                     |                 |            |               |

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

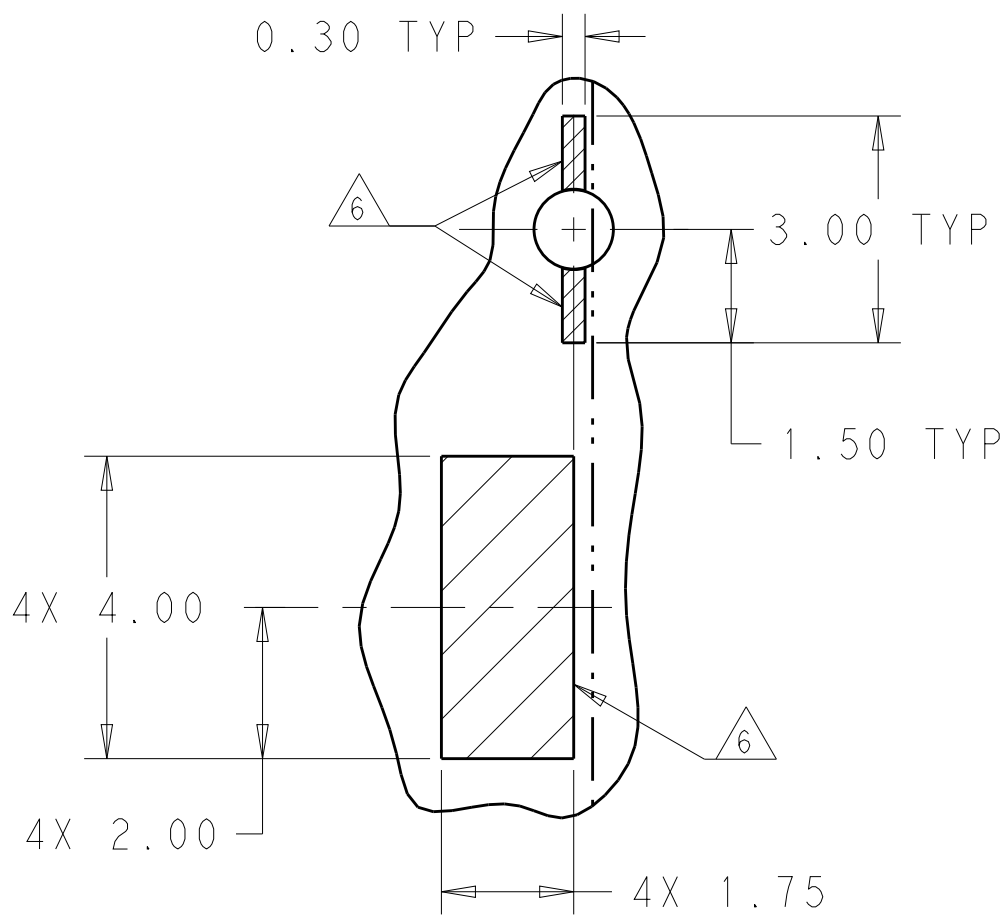
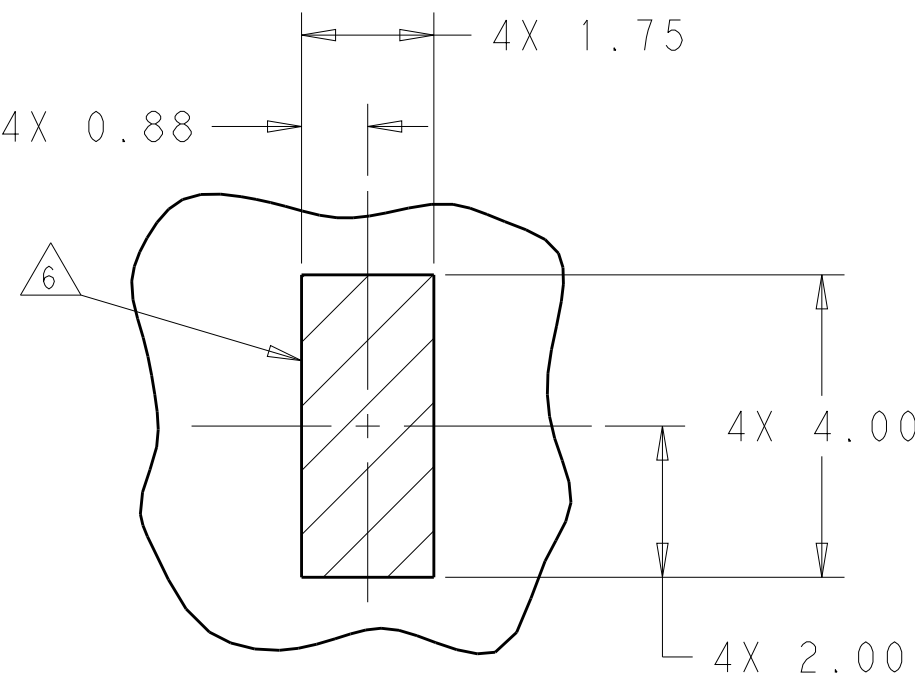
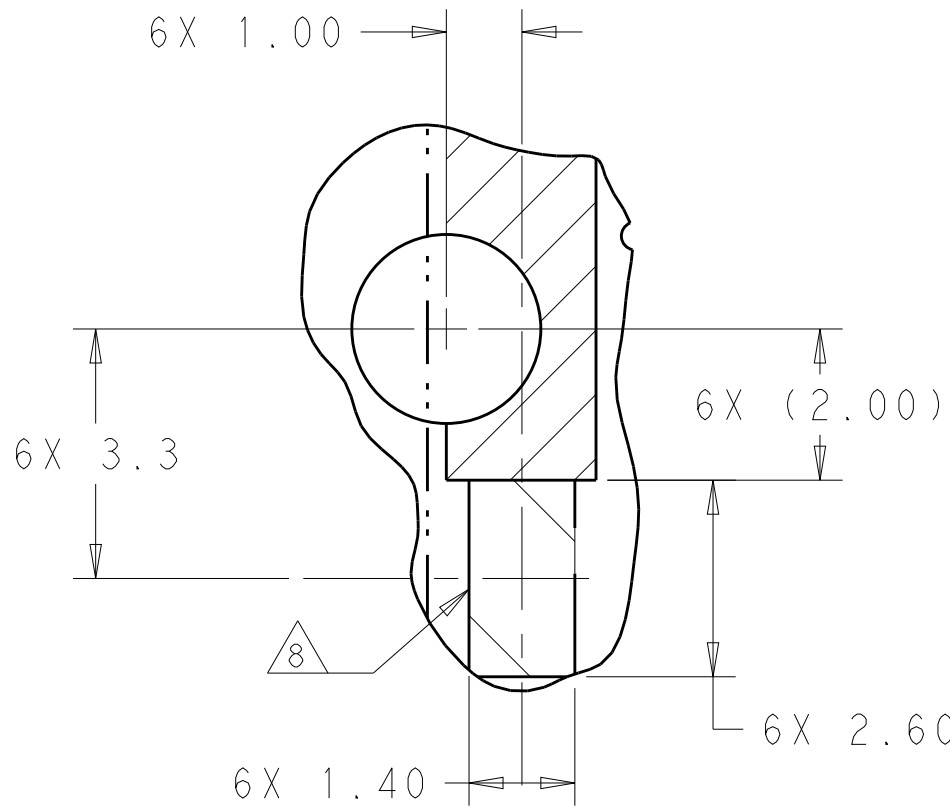
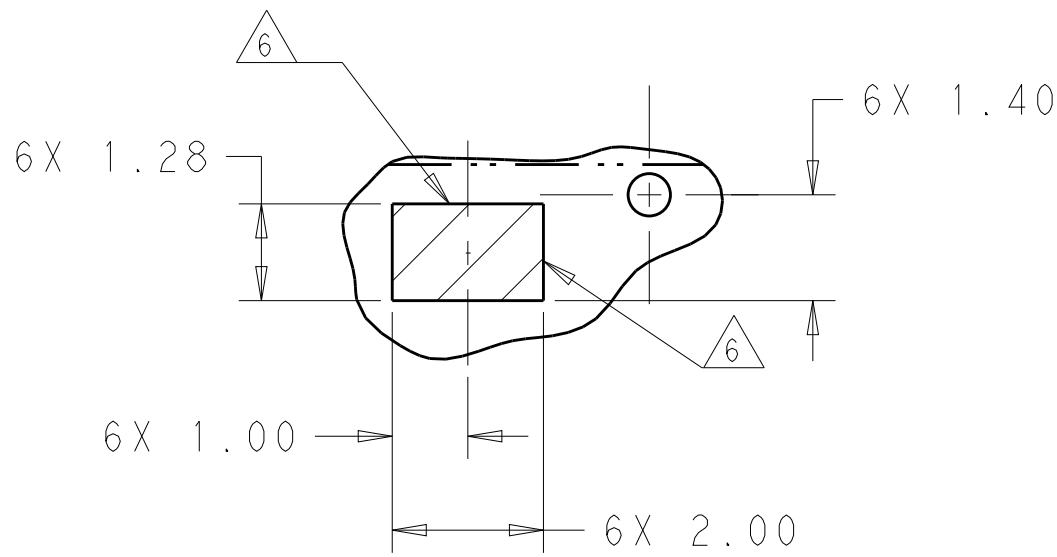


|                                                                                       |              |                                            |                                                                                                       |                                                                                                 |            |               |       |   |    |   |     |   |
|---------------------------------------------------------------------------------------|--------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------|---------------|-------|---|----|---|-----|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |              | DWN<br>M. SHIRK<br>18JAN2013               |  TE Connectivity |                                                                                                 |            |               |       |   |    |   |     |   |
|                                                                                       |              | CHK<br>D. SZCZESNY<br>18JAN2013            |                                                                                                       |                                                                                                 |            |               |       |   |    |   |     |   |
| DIMENSIONS:<br>mm                                                                     |              | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED: |                                                                                                       | NAME<br><br>CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI SPACING, THRU BEZEL, 2X3,<br>ZOSFP+ STAKED |            |               |       |   |    |   |     |   |
|  | APVD         |                                            | PRODUCT SPEC                                                                                          |                                                                                                 |            |               |       |   |    |   |     |   |
|                                                                                       | 0 P/LC ±0.25 |                                            | 108-60102                                                                                             |                                                                                                 |            |               |       |   |    |   |     |   |
|                                                                                       | 2 P/LC ±0.15 |                                            | APPLICATION SPEC                                                                                      |                                                                                                 |            |               |       |   |    |   |     |   |
|                                                                                       | 3 P/LC ±     |                                            | 114-60015                                                                                             |                                                                                                 |            |               |       |   |    |   |     |   |
|                                                                                       | 4 P/LC ±     |                                            | WEIGHT                                                                                                |                                                                                                 |            |               |       |   |    |   |     |   |
| MATERIAL                                                                              | FINISH       | SIZE                                       |                                                                                                       | CAGE CODE                                                                                       | DRAWING NO | RESTRICTED TO |       |   |    |   |     |   |
| SEE NOTE 1                                                                            | SEE NOTE 2   | A100779                                    |                                                                                                       | C=2227671                                                                                       | -          |               |       |   |    |   |     |   |
|                                                                                       |              | CUSTOMER DRAWING                           |                                                                                                       | SCALE                                                                                           |            | 4:1           | SHEET | 1 | OF | 6 | REV | A |

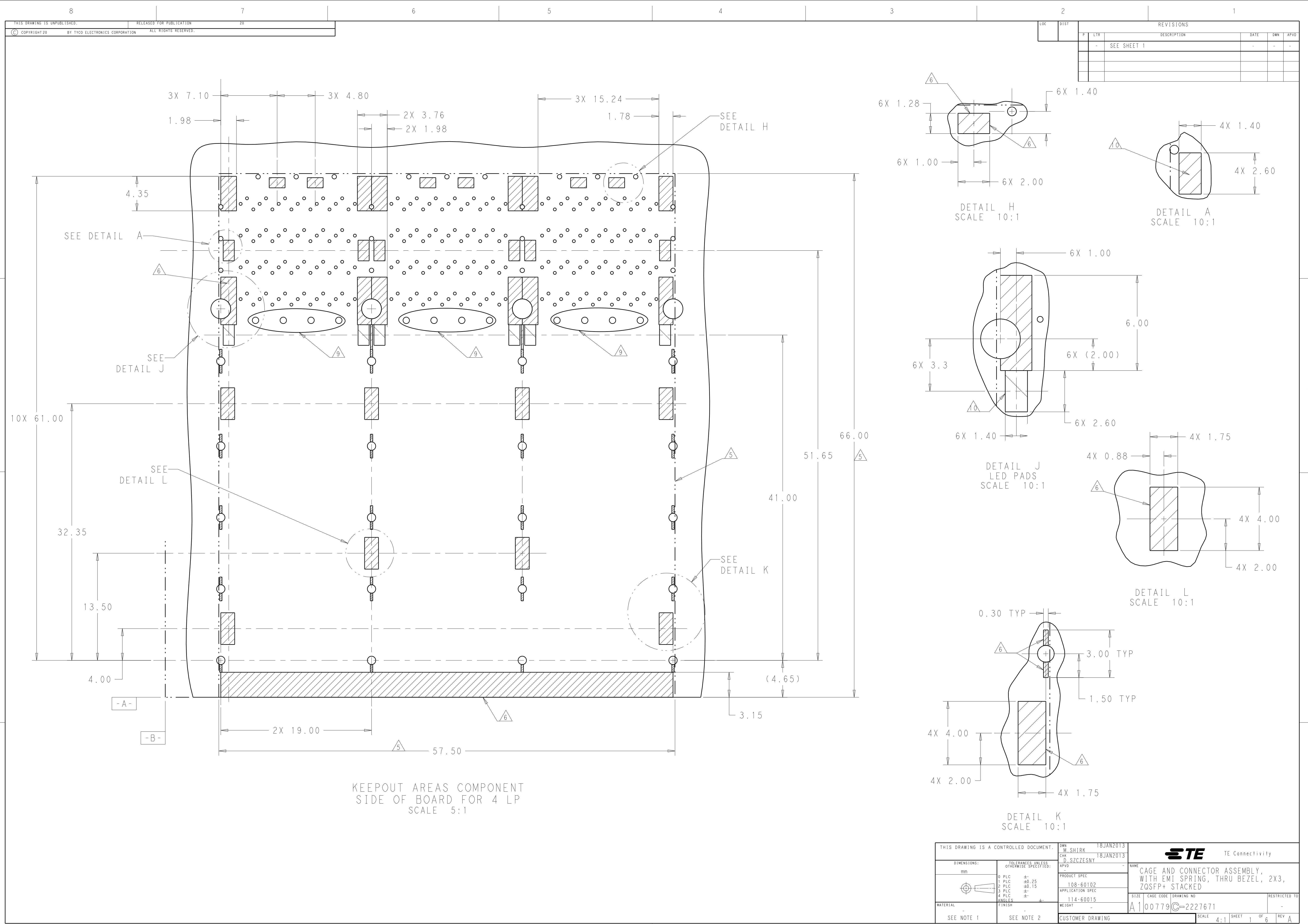
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|-----|-----|-------------|--|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |  | DATE      | DWN | APVD |  |
| -   | -   | SEE SHEET 1 |  | -         | -   | -    |  |
|     |     |             |  |           |     |      |  |
|     |     |             |  |           |     |      |  |
|     |     |             |  |           |     |      |  |



KEEPOUT AREAS COMPONENT  
SIDE OF BOARD FOR 2 LP  
SCALE 5:1



|                                        |                                        |                                 |                                                                                     |                              |
|----------------------------------------|----------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M. SHIRK<br>18JAN2013    | TE Connectivity                                                                     |                              |
| DIMENSIONS:                            |                                        | CHK<br>D. SZCZESNY<br>18JAN2013 |                                                                                     |                              |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD                            | NAME                                                                                |                              |
| 0 PLC ±                                | 1 PLC ±0.25                            | PRODUCT SPEC                    | CAGE AND CONNECTOR ASSEMBLY,<br>WITH EMI SPRING, THRU BEZEL, 2X3,<br>ZQSFP+ STACKED |                              |
| 2 PLC ±0.15                            | 3 PLC ±                                | 108-60102                       |                                                                                     |                              |
| 4 PLC ±                                | ANGLES ±                               | APPLICATION SPEC                | SIZE                                                                                | RESTRICTED TO                |
| MATERIAL                               | FINISH                                 | 114-60015                       | A100779C=2227671                                                                    |                              |
| SEE NOTE 1                             | SEE NOTE 2                             | WEIGHT                          | CUSTOMER DRAWING                                                                    | SCALE 4:1 SHEET 1 OF 6 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

### Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

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moschip.ru\_9