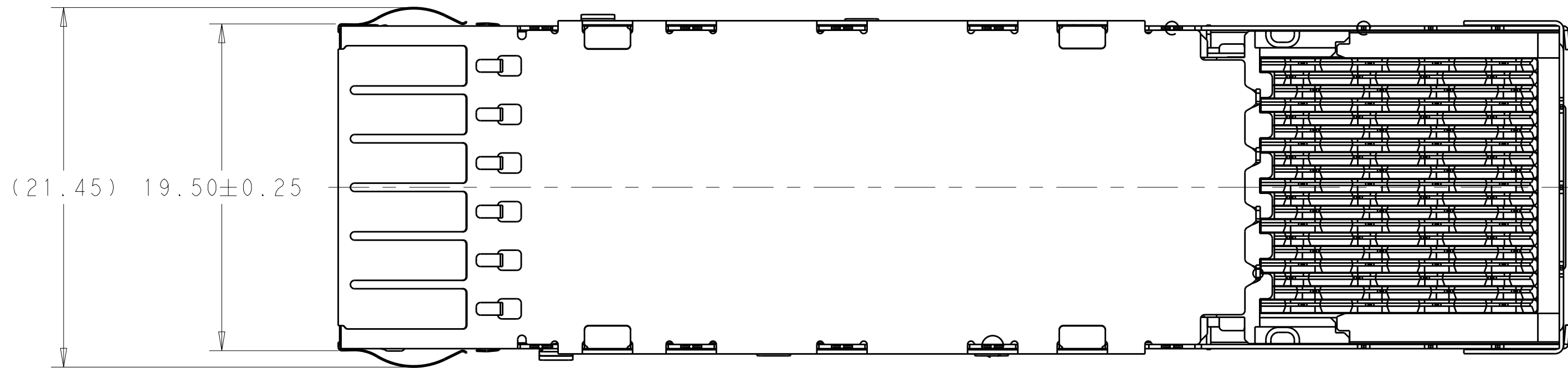
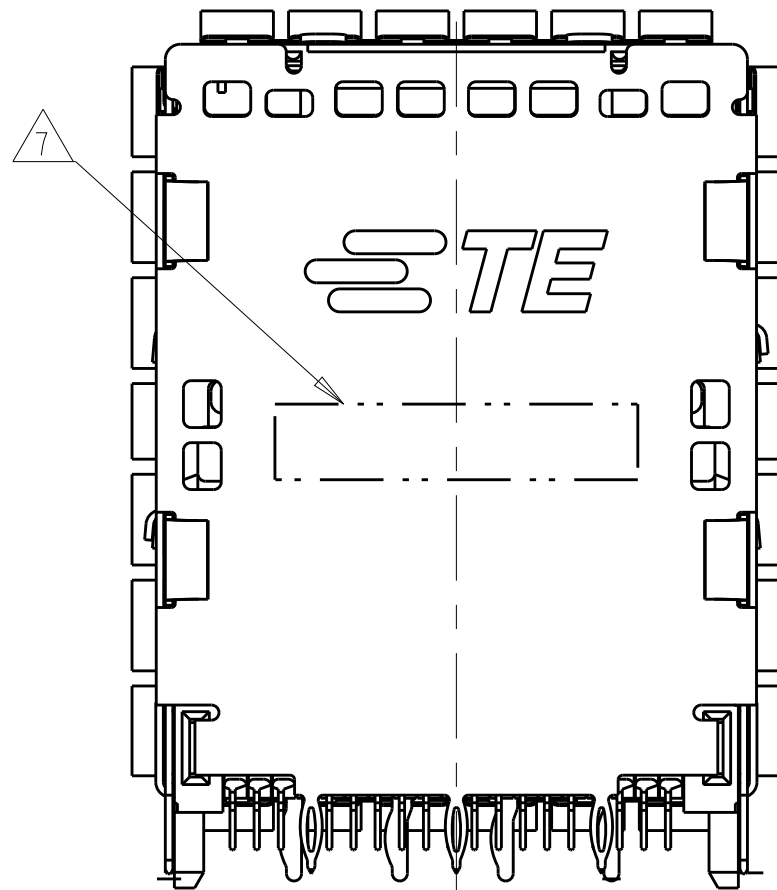
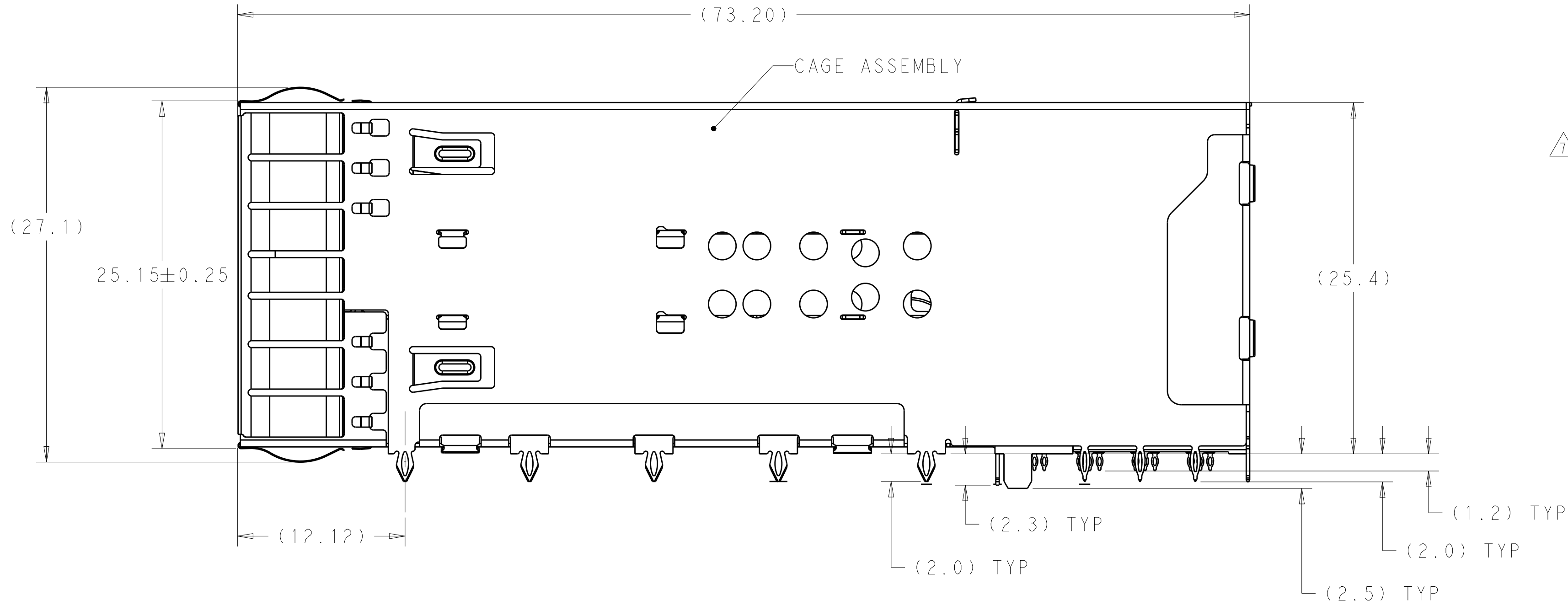
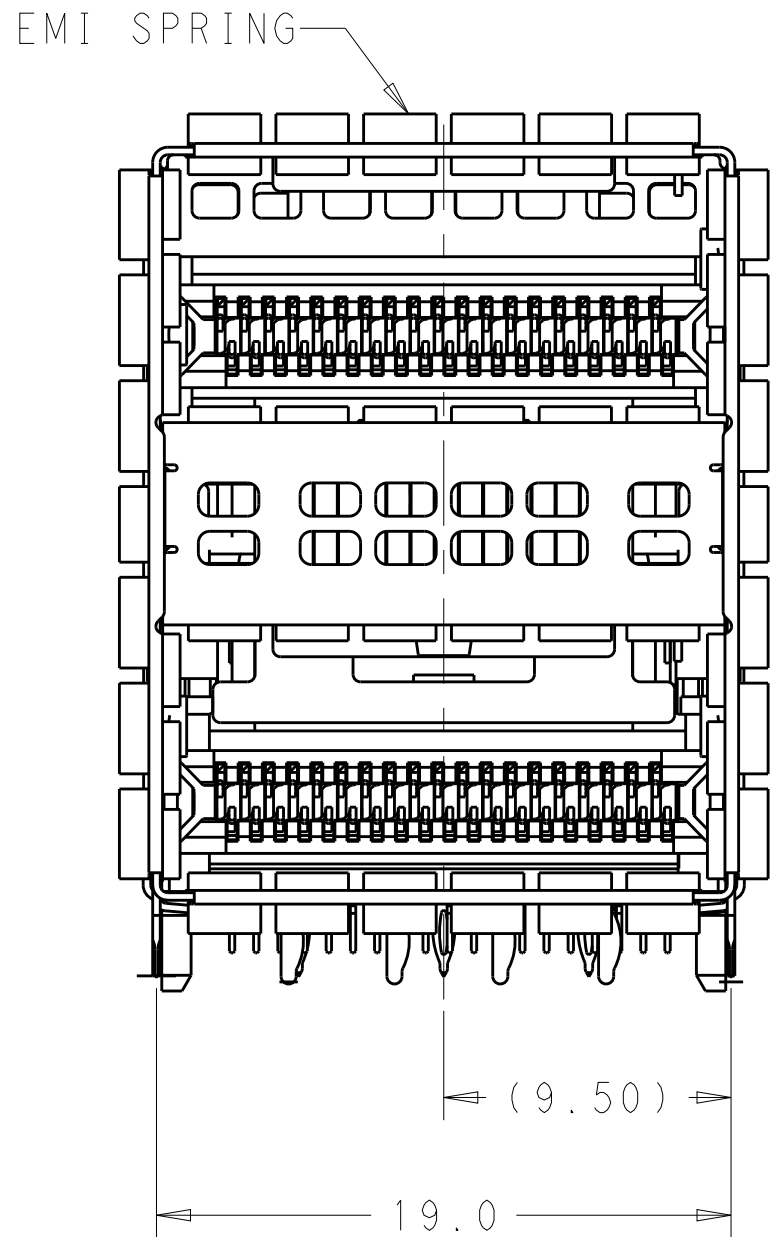


| LOC | DIST | REVISIONS |     |                         |           |     |      |
|-----|------|-----------|-----|-------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION             | DATE      | DWN | APVD |
| GP  | 00   |           | A   | RELEASED FOR PRODUCTION | 02MAR2016 | TX  | SH   |
|     |      |           |     |                         |           |     |      |
|     |      |           |     |                         |           |     |      |
|     |      |           |     |                         |           |     |      |

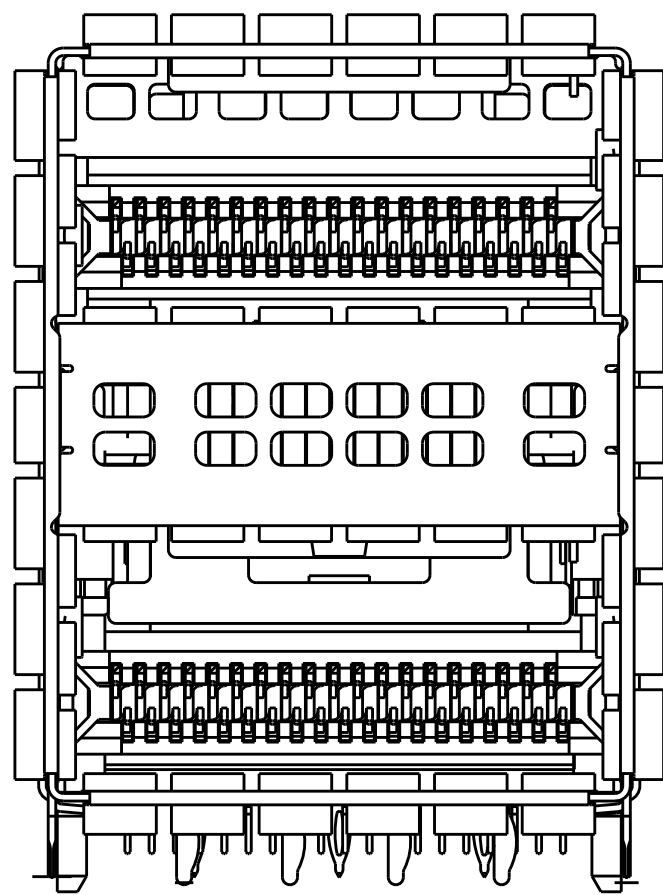


1. MATERIALS:  
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.  
EMI SPRING- COPPER ALLOY, NICKEL PLATED.  
HOUSING- POLYESTER LCP WITH 94V-0.  
CHICKLET- POLYESTER LCP WITH 94V-0.  
CONTACT- COPPER ALLOY.  
LIGHTPIPE- POLYCARBONATE WITH 94V-0.
2. CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm 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. 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. HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE.

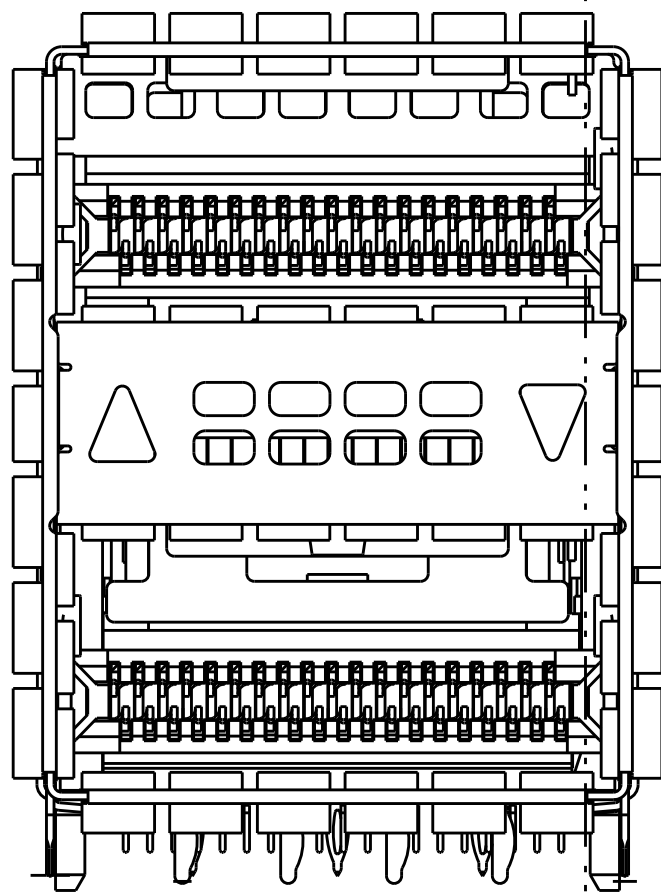
|                |                          |             |
|----------------|--------------------------|-------------|
| 2              | ROUND INDICATOR, 4LP     | 1-2227669-1 |
| 2              | ALL INDICATOR DOWN, 4LP  | 1-2227669-0 |
| 2              | LEFT INDICATOR DOWN, 4LP | 2227669-9   |
| 2              | LEFT INDICATOR UP, 4LP   | 2227669-8   |
| 2              | ALL INDICATOR UP, 4LP    | 2227669-7   |
| 8              | LEFT INDICATOR DOWN      | 2227669-6   |
| 8              | LEFT INDICATOR UP        | 2227669-5   |
| 8              | NO LIGHT PIPE            | 2227669-4   |
| 2              | LEFT INDICATOR DOWN      | 2227669-3   |
| 2              | LEFT INDICATOR UP        | 2227669-2   |
| 2              | NO LIGHTPIPE             | 2227669-1   |
| CONTACT FINISH | DESCRIPTION              | PART NUMBER |

|                                        |                                                                                     |                                            |                                                                                       |                    |
|----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                     | DWN M. SHIRK 16JAN2013                     | <div><div>TE Connectivity</div></div>                                                 |                    |
|                                        |                                                                                     | CHK D. SZCZESNY 16JAN2013                  |                                                                                       |                    |
| DIMENSIONS:                            |                                                                                     | APVD -                                     | NAME                                                                                  |                    |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                              | PRODUCT SPEC                               | CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING FINGERS, THRU BEZEL, 2X1, ZQSFP+ STACKED |                    |
|                                        | 0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± | 108-60102<br>APPLICATION SPEC<br>114-60015 |                                                                                       |                    |
| MATERIAL                               |                                                                                     | WEIGHT                                     | SIZE CAGE CODE DRAWING NO                                                             | RESTRICTED TO      |
| SEE NOTE 1                             |                                                                                     | -                                          | A100779C=2227669                                                                      | -                  |
|                                        |                                                                                     | CUSTOMER DRAWING                           | SCALE 4:1                                                                             | SHEET 1 OF 5 REV A |

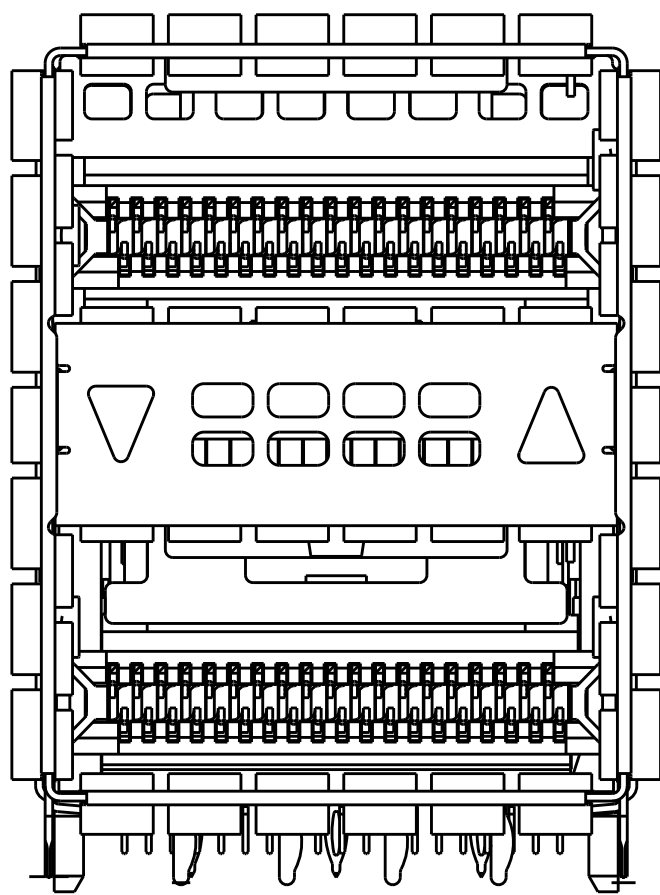
| LOC |     | DIST        |  | REVISIONS |     |      |  |
|-----|-----|-------------|--|-----------|-----|------|--|
| P   | LTR | DESCRIPTION |  | DATE      | OWN | APVD |  |
| -   | -   | SEE SHEET 1 |  | -         | -   | -    |  |
|     |     |             |  |           |     |      |  |
|    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



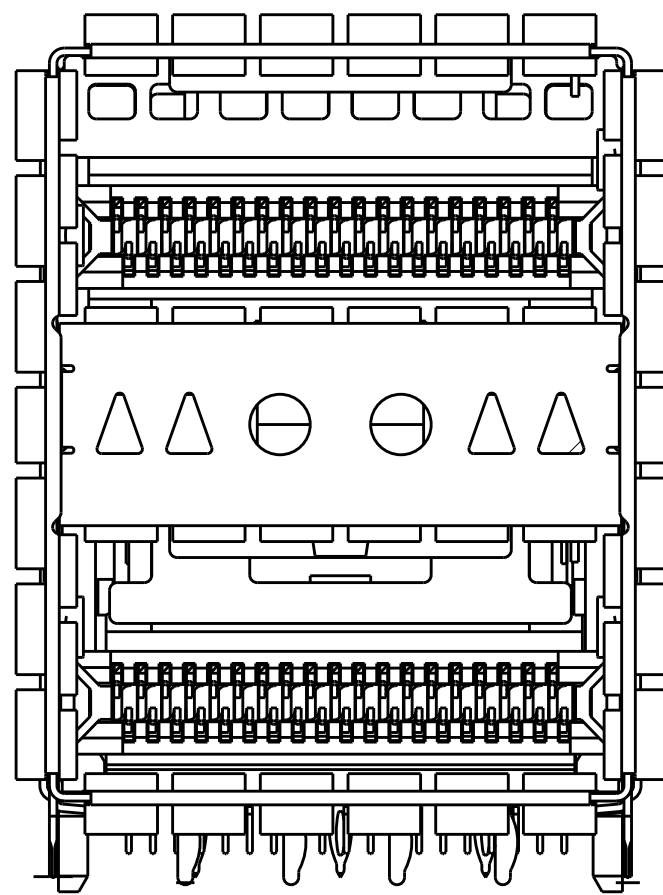
2227669-1 / 2227669-4  
NO LIGHTPIPE IN ASSEMBLY



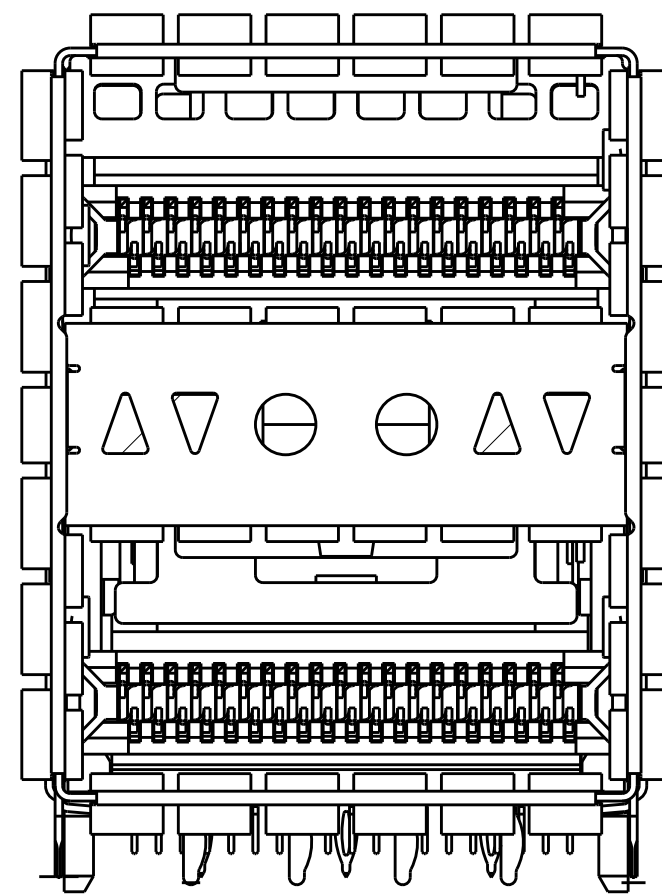
2227669-2 / 2227669-5  
LEFT INDICATOR UP



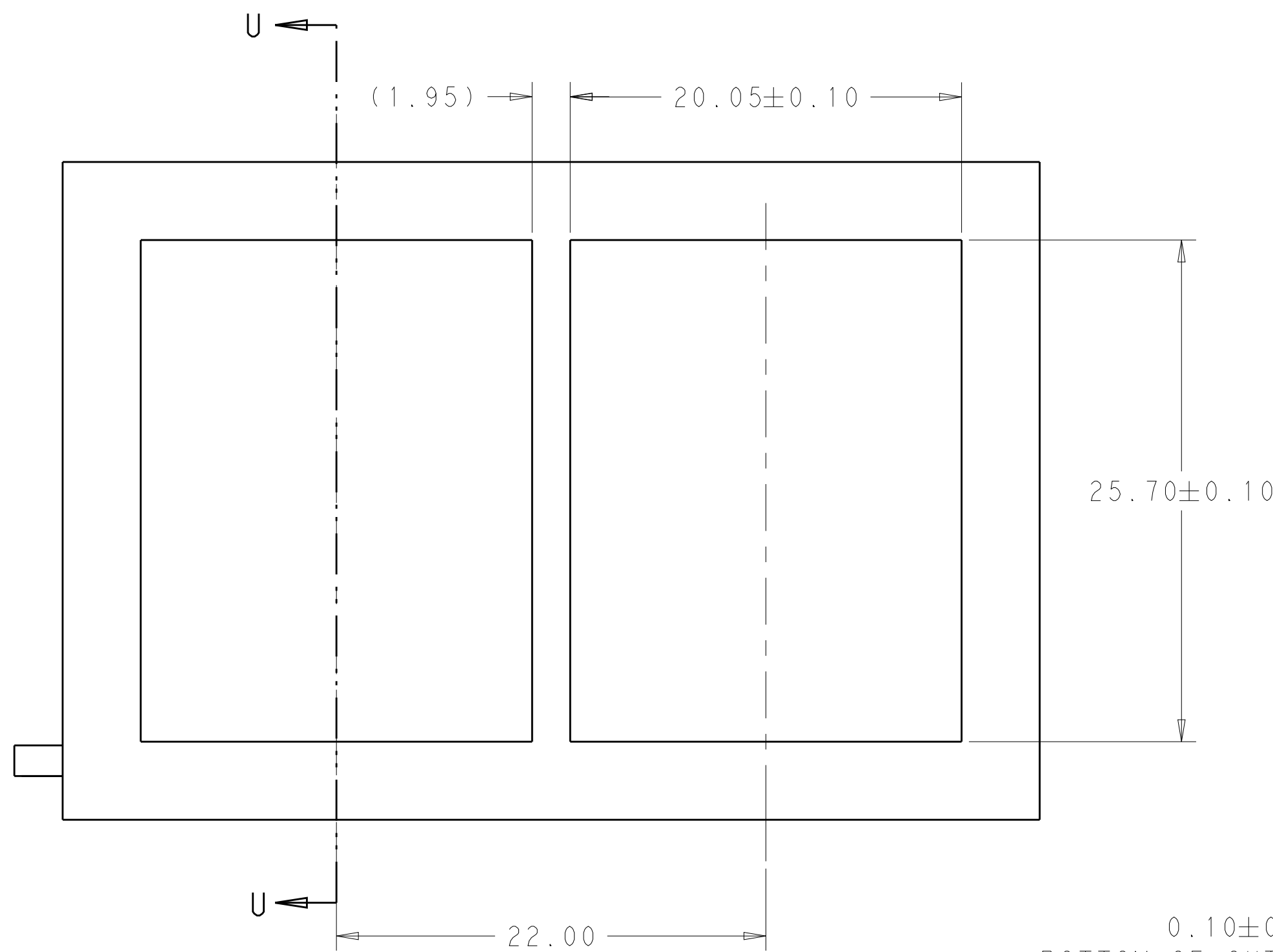
2227669-3 / 2227669-6  
LEFT INDICATOR DOWN



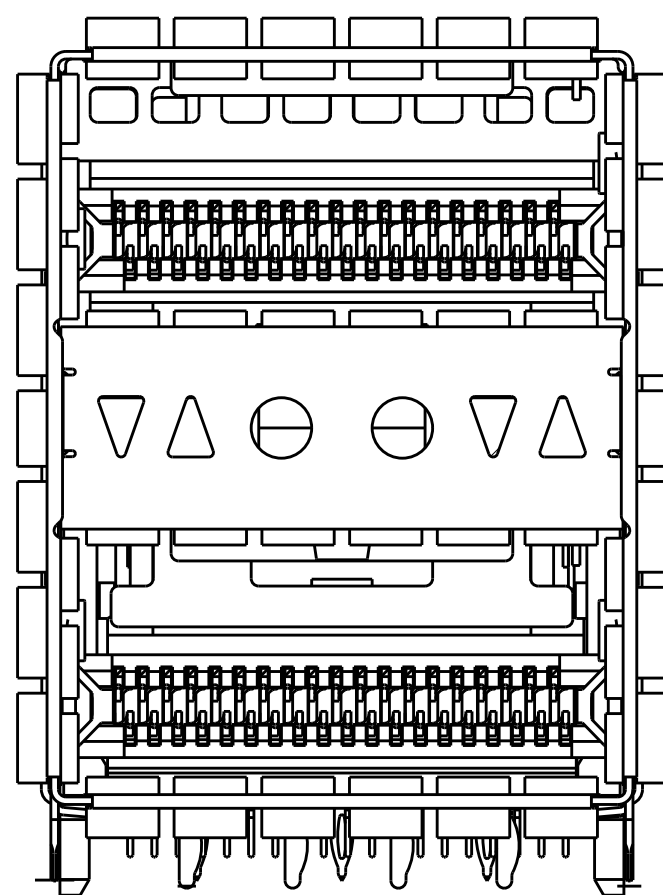
2227669-7  
ALL INDICATOR UP, 4LP



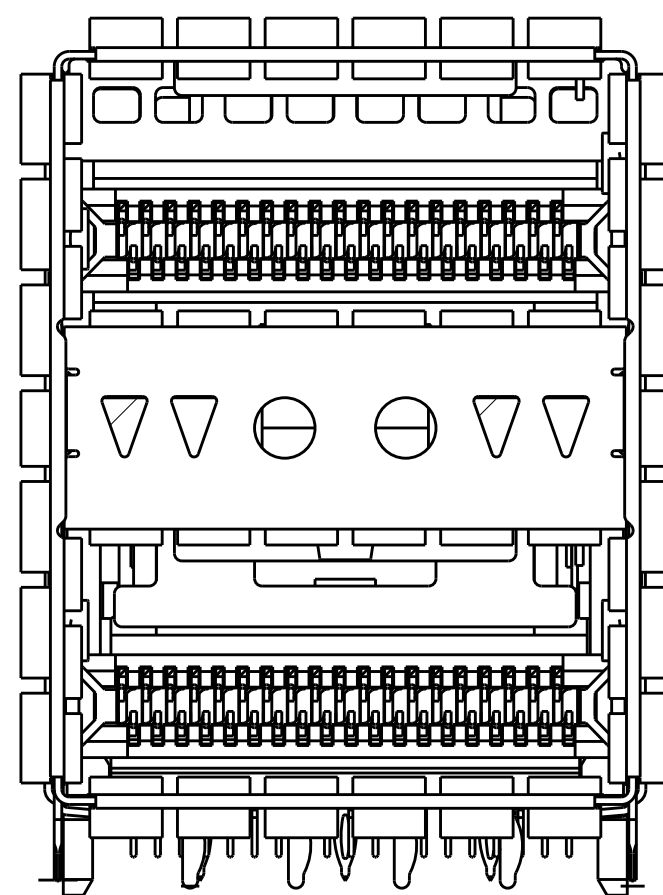
2227669-8  
LEFT INDICATOR UP, 4LP



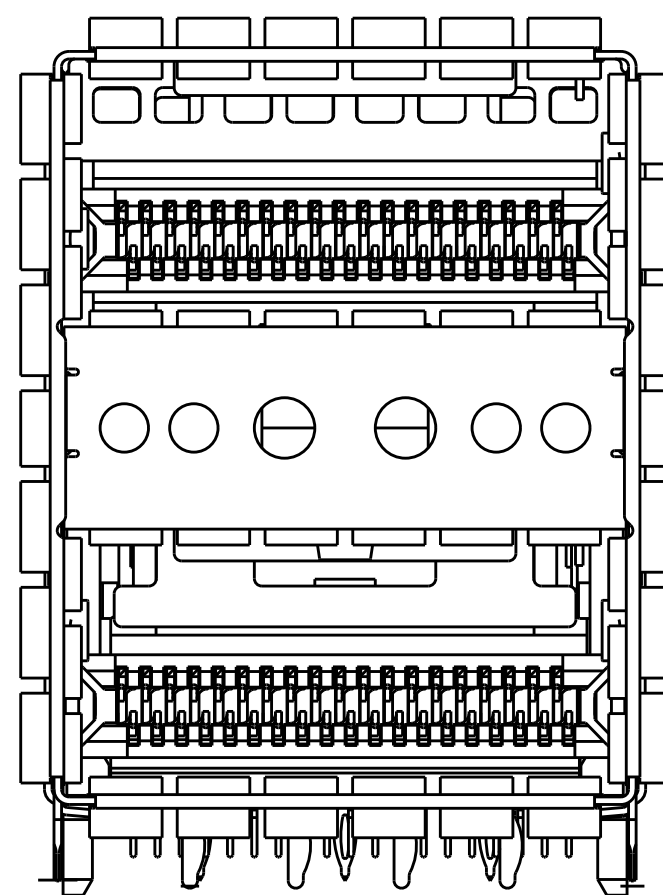
RECOMMENDED PANEL CUTOUT  
AND PC BOARD, PANEL POSITION



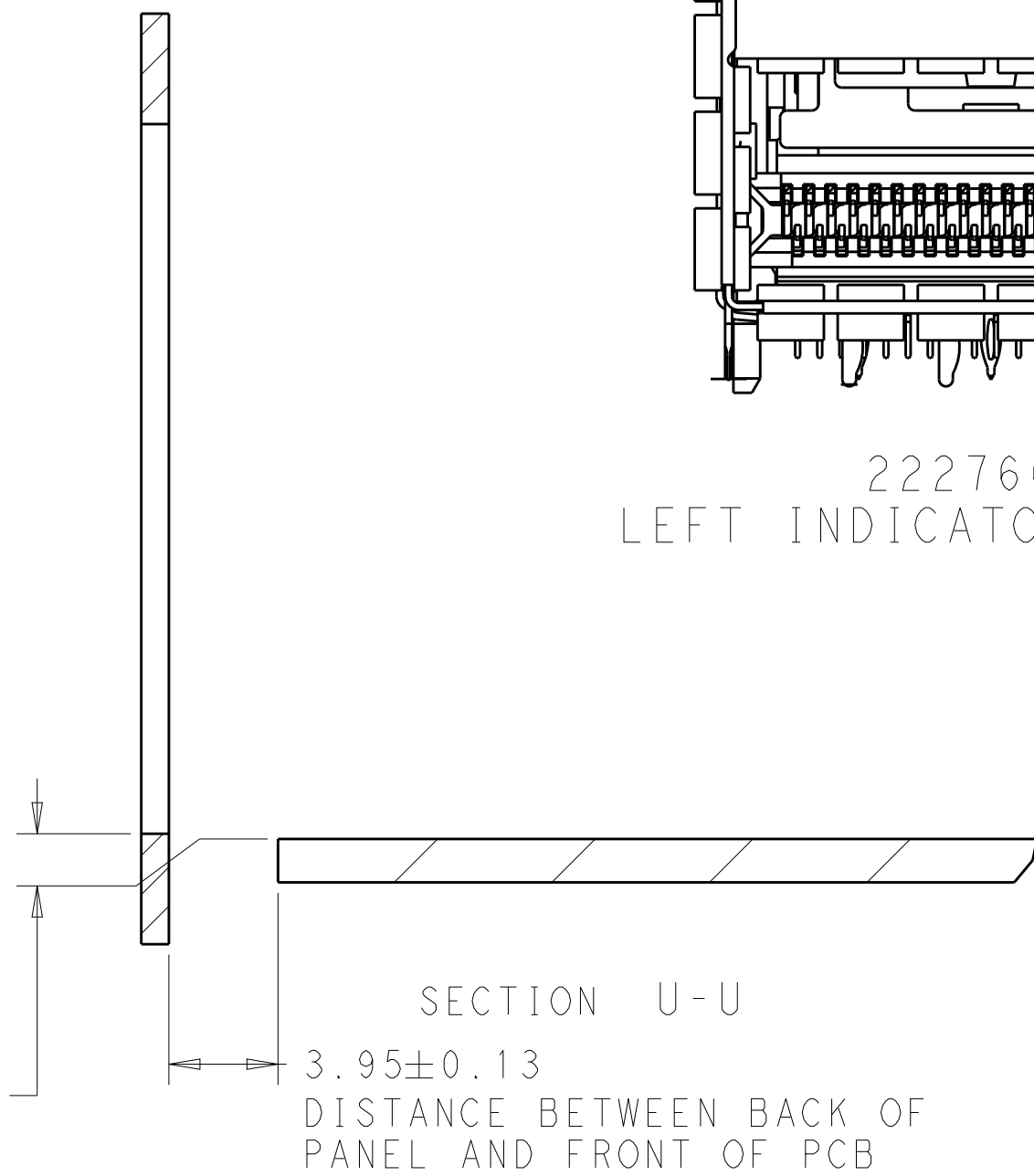
2227669-9  
LEFT INDICATOR DOWN, 4LP



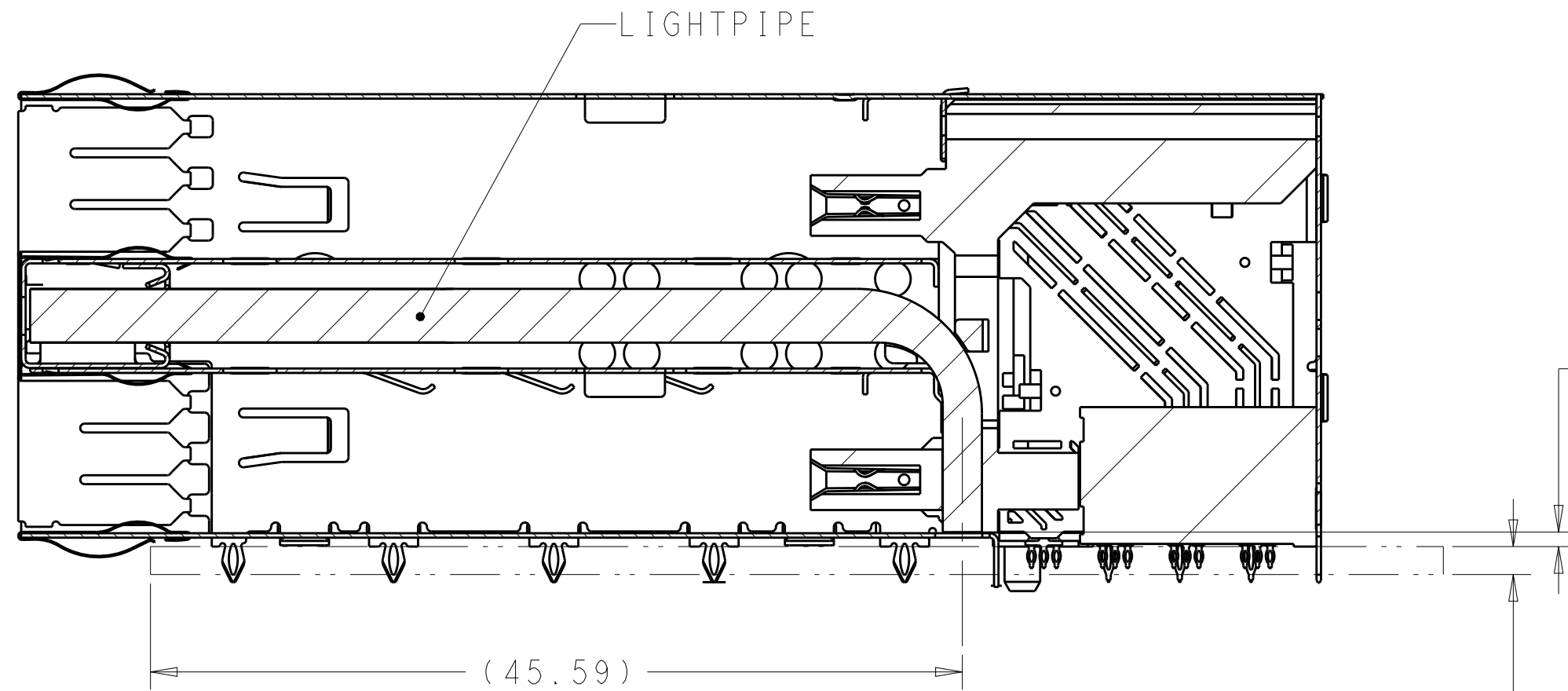
1-2227669-0  
ALL INDICATOR DOWN, 4LP



1-2227669-1  
ROUND SHAPE INDICATORS, 4LP

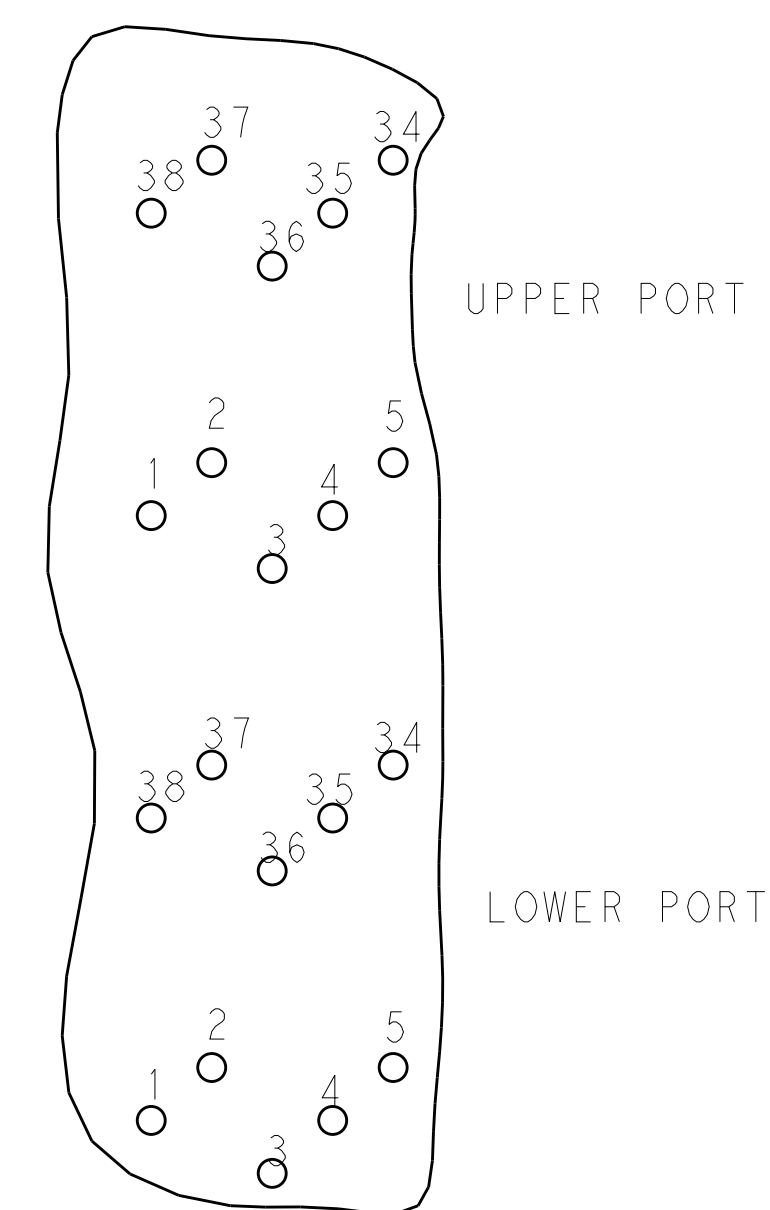


SECTION U-U



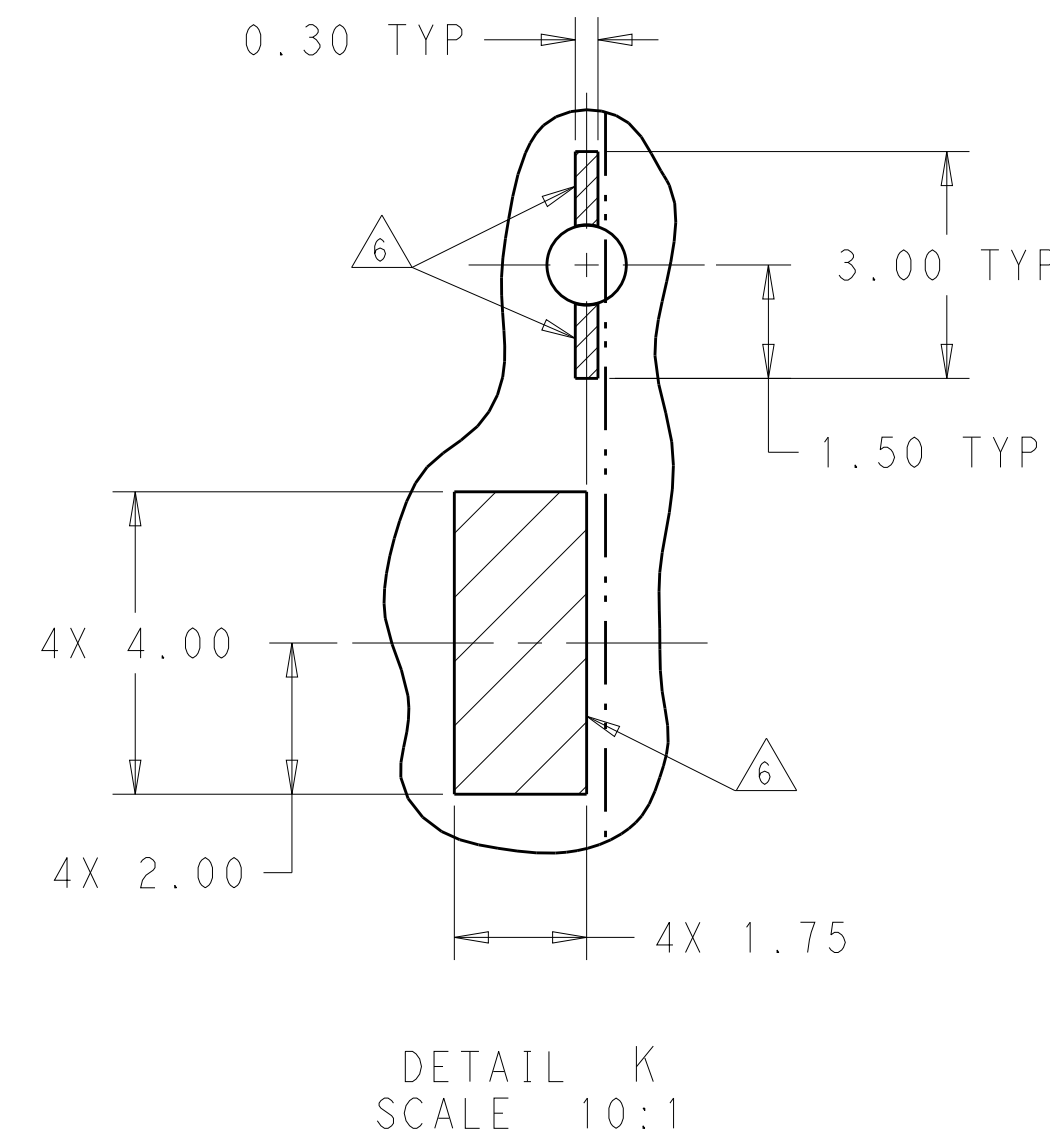
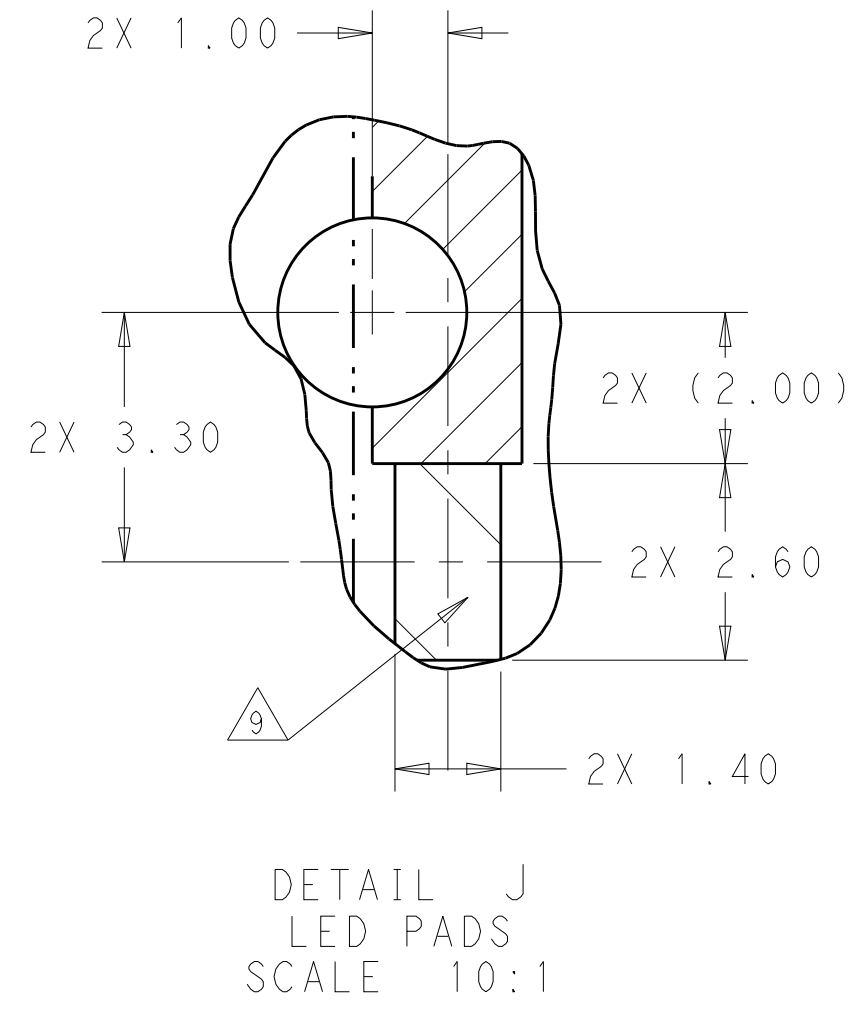
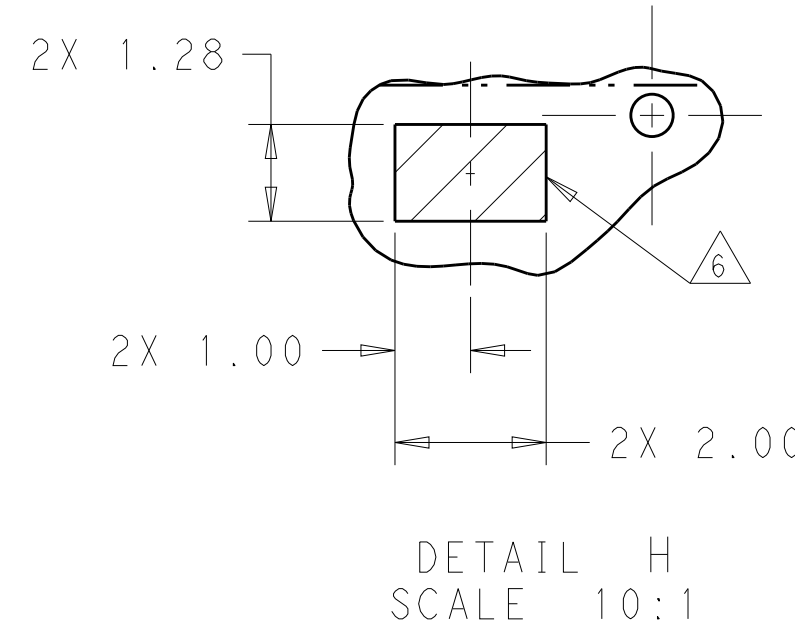
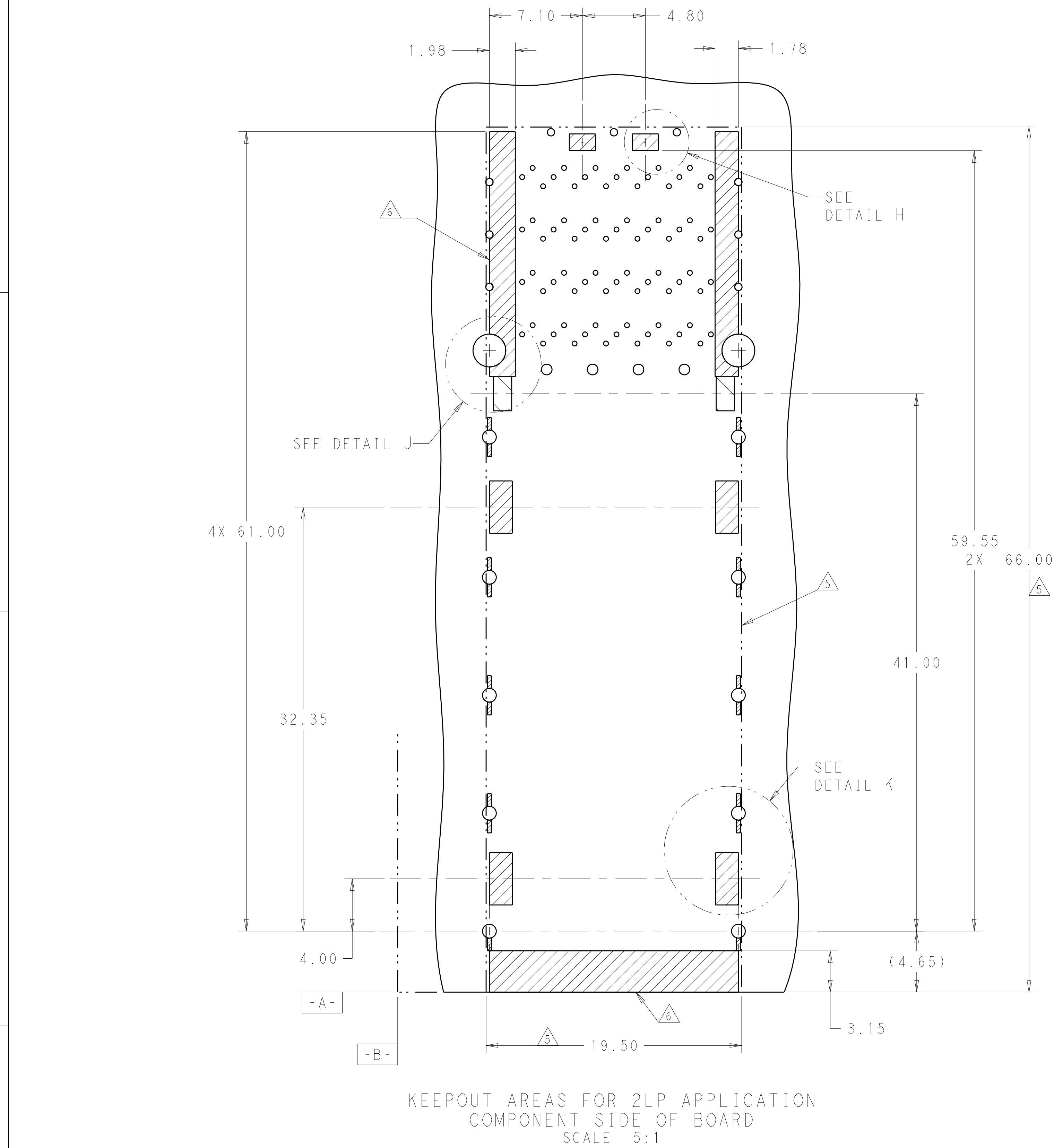
SECTION V-V  
SCALE 3:1

|                                                                                       |        |                                               |                                                                                       |
|---------------------------------------------------------------------------------------|--------|-----------------------------------------------|---------------------------------------------------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |        | OWN<br>M. SHIRK<br>CHK<br>D. SZCZESNY<br>APVD | 16JAN2013<br>16JAN2013<br>-<br>-                                                      |
| DIMENSIONS:<br>mm                                                                     |        | TOLERANCES UNLESS OTHERWISE SPECIFIED:        |                                                                                       |
|  | 0 PLC  | ±                                             | -                                                                                     |
|                                                                                       | 1 PLC  | ±                                             | 0.25                                                                                  |
|                                                                                       | 2 PLC  | ±                                             | 0.15                                                                                  |
|                                                                                       | 3 PLC  | ±                                             | -                                                                                     |
|                                                                                       | 4 PLC  | ±                                             | -                                                                                     |
|                                                                                       | ANGLES | ±                                             | -                                                                                     |
| MATERIAL                                                                              | FINISH | PRODUCT SPEC                                  | NAME                                                                                  |
| SEE NOTE 1                                                                            | -      | 108-60102                                     | CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING FINGERS, THRU BEZEL, 2X1, ZQSFP+ STACKED |
|                                                                                       |        | APPLICATION SPEC                              | SIZE                                                                                  |
|                                                                                       |        | 114-60015                                     | CAGE CODE                                                                             |
|                                                                                       |        | WEIGHT                                        | DRAWING NO                                                                            |
|                                                                                       |        | -                                             | A100779C=2227669                                                                      |
|                                                                                       |        | CUSTOMER DRAWING                              | RESTRICTED TO                                                                         |
|                                                                                       |        |                                               | -                                                                                     |
|                                                                                       |        | SCALE                                         | 4:1                                                                                   |
|                                                                                       |        | SHEET                                         | 1 OF 5                                                                                |
|                                                                                       |        | REV                                           | A                                                                                     |

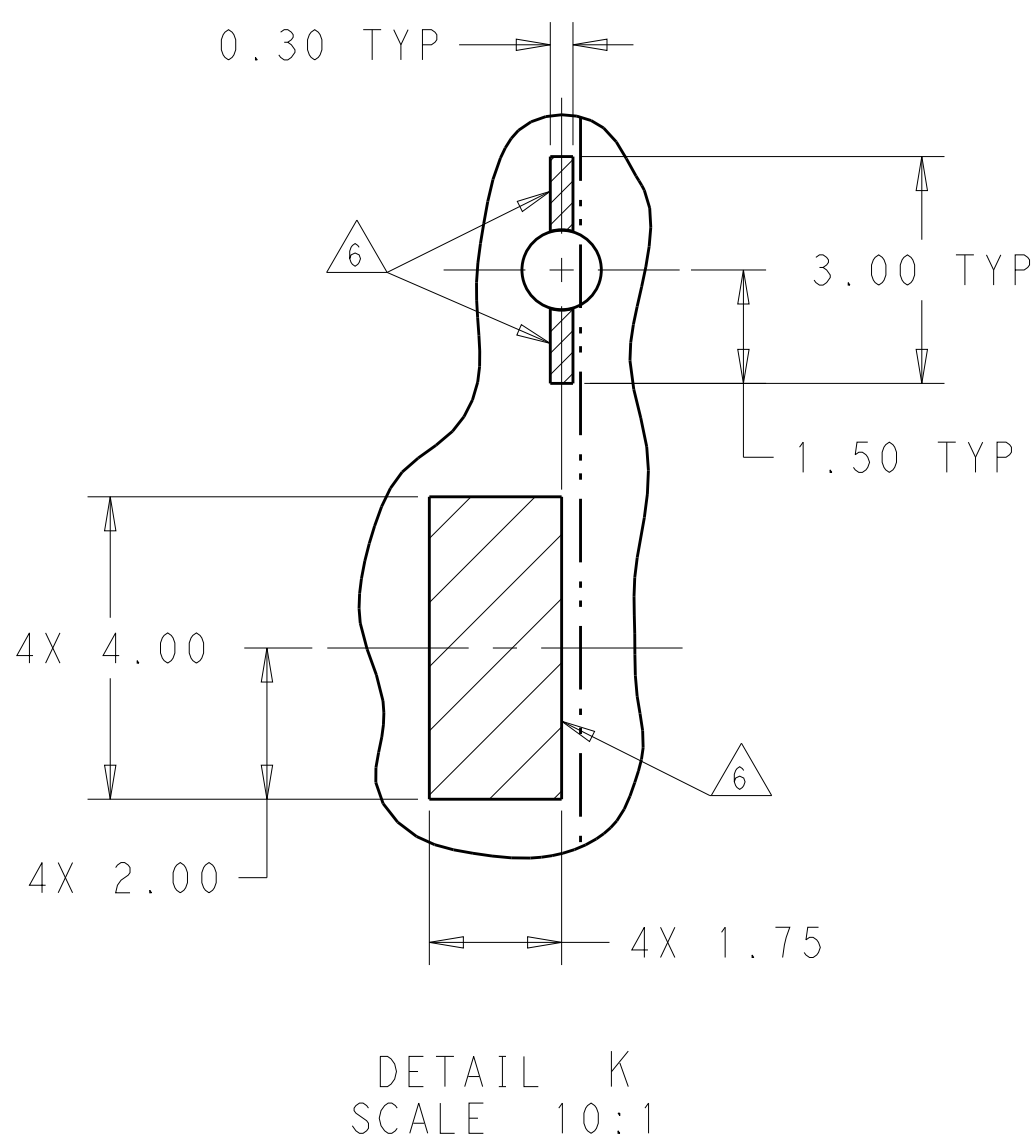
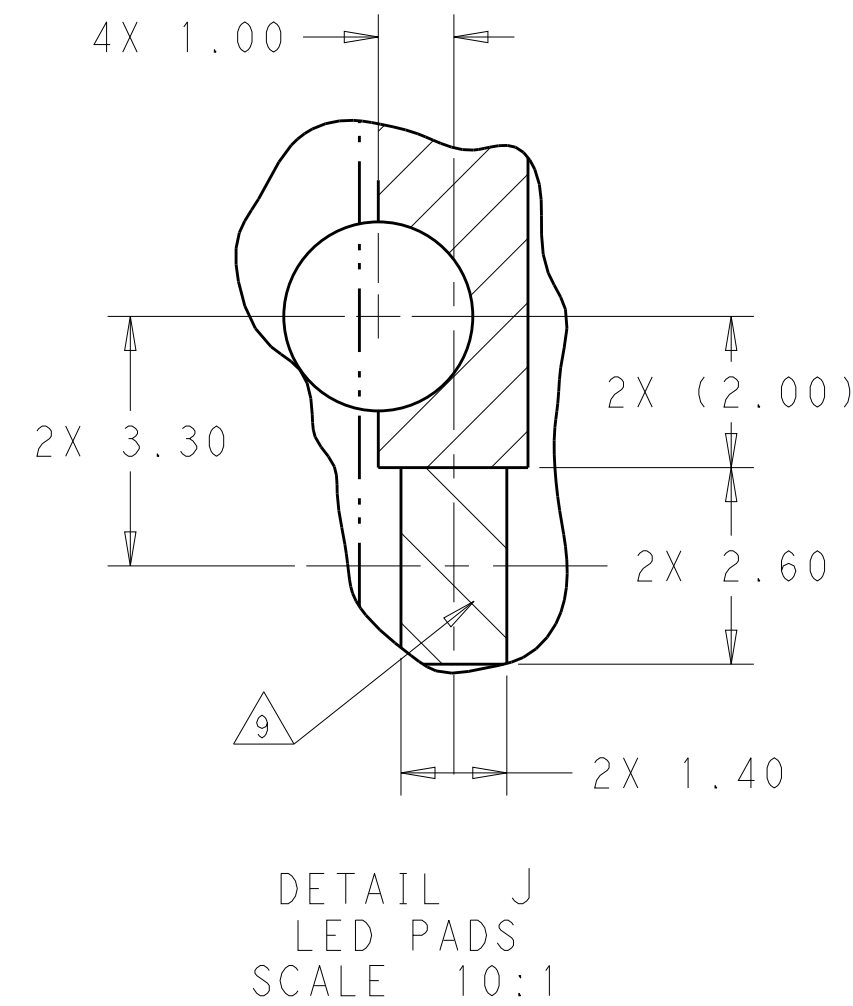
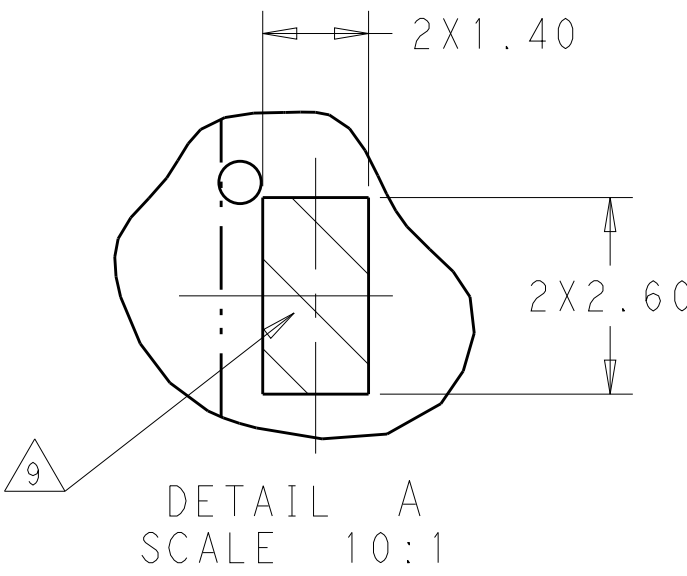
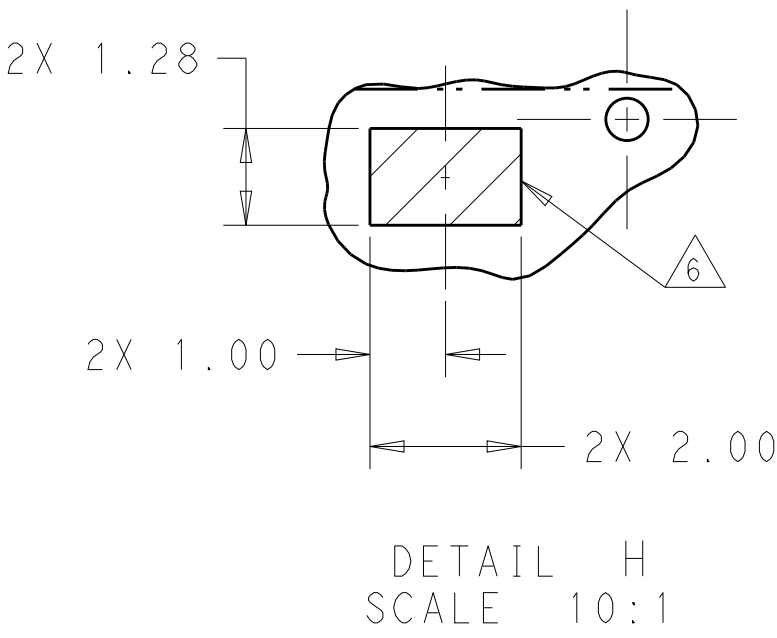
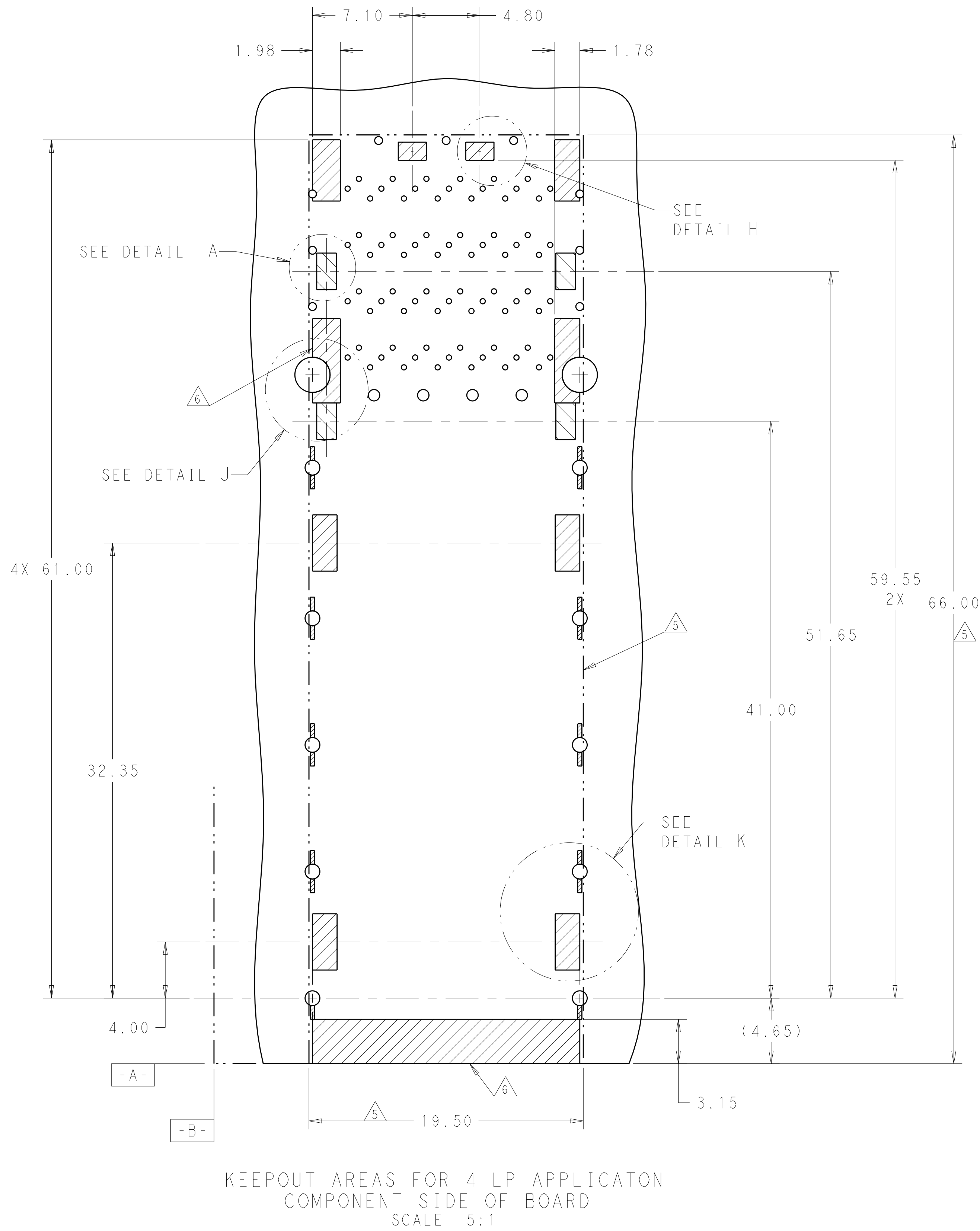


DETAIL F  
SCALE 10:1  
PIN ASSIGNMENTS

|                                                                                       |  |                                                                                                                       |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWG. 16JAN2013<br>M. SHIRK<br>CHK. 16JAN2013<br>D. SZCZESNY                                                           |  |  TE Connectivity |  |
| DIMENSIONS:<br><br>mm                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br><br>0 PLC ±<br>1 PLC ±0.25<br>2 PLC ±0.15<br>3 PLC ±<br>4 PLC ±<br>ANGLES ± |  | NAME<br>CAGE AND CONNECTOR ASSEMBLY, WITH<br>EMI SPRING FINGERS, THRU BEZEL, 2X1,<br>ZQSFP+ STACKED   |  |
|  |  | PRODUCT SPEC<br>108-60102<br>APPLICATION SPEC<br>114-60015                                                            |  | SIZE<br>CAGE CODE<br>DRAWING NO<br>A1 00779 C=2227669                                                 |  |
| MATERIAL<br><br>SEE NOTE 1                                                            |  | FINISH<br><br>-<br>CUSTOMER DRAWING                                                                                   |  | RESTRICTED TO<br>-<br>SCALE 4:1 SHEET 1 OF 5 REV A                                                    |  |



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



|                                                                                       |  |                                        |                                                                                                       |                    |
|---------------------------------------------------------------------------------------|--|----------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M. SHIRK<br>16JAN2013           |  TE Connectivity |                    |
|                                                                                       |  | CHK<br>D. SZCZESNY<br>16JAN2013        |                                                                                                       |                    |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: | NAME                                                                                                  |                    |
| mm                                                                                    |  |                                        | CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING FINGERS, THRU BEZEL, 2X1, ZQSFP+ STACKED                 |                    |
|  |  | 0 PLC ±.25                             | PRODUCT SPEC                                                                                          |                    |
|                                                                                       |  | 1 PLC ±0.15                            | 108-60102                                                                                             |                    |
|                                                                                       |  | 2 PLC ±.                               | APPLICATION SPEC                                                                                      |                    |
|                                                                                       |  | 3 PLC ±.                               | 114-60015                                                                                             |                    |
|                                                                                       |  | 4 PLC ±.                               | SIZE CAGE CODE DRAWING NO                                                                             |                    |
| MATERIAL                                                                              |  | FINISH                                 | A100779C=2227669                                                                                      |                    |
| SEE NOTE 1                                                                            |  |                                        | CUSTOMER DRAWING                                                                                      |                    |
|                                                                                       |  |                                        | SCALE 4:1                                                                                             | SHEET 1 OF 5 REV A |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.