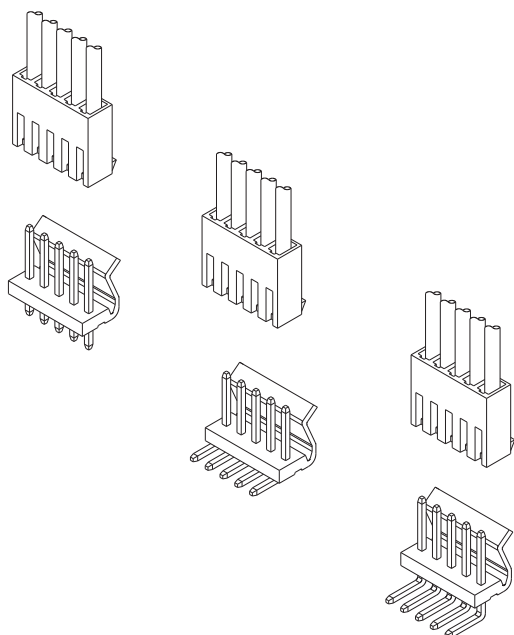




### 技术特性/Specifications:

额定电压 Rated voltage: 250V AC, DC  
额定电流 Rated current: 5A AC, DC  
接触电阻 Contact resistance: 20m $\Omega$  max  
绝缘电阻 Insulation resistance: 1000M $\Omega$  min  
耐压 Withstand voltage: 1500V AC/minute  
环境温度 Ambient temperature: -40 $^{\circ}$ C~+105 $^{\circ}$ C  
适用线规 Wire range: AWG#24~#18

A

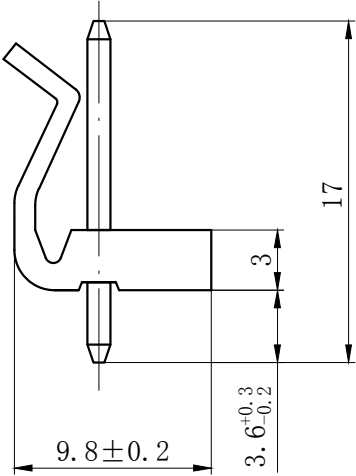
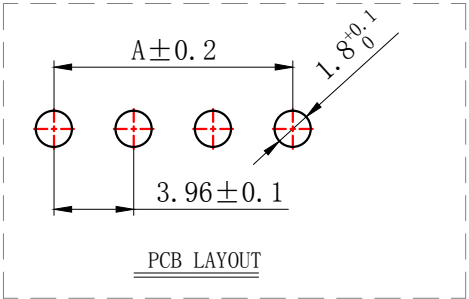
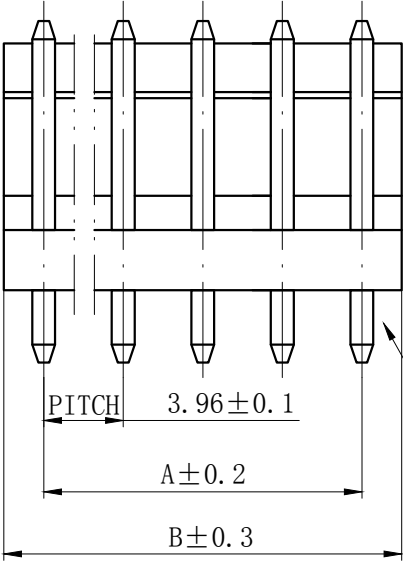
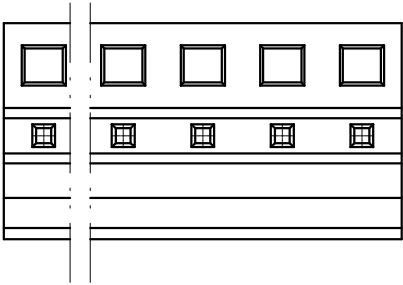
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NORES:

- 1. Rated voltage: 250V AC.DC
- 2. Rated current: 5A AC DC
- 3. Contact resistance:  $\leq 20 \text{ m}\Omega$
- 4. Insulation resistance:  $\geq 1000 \text{ m}\Omega$
- 5. Withstand voltage: 1500V AC/minute
- 6. Ambient temprature:  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
- 7. Materials: Nylon UL94V-0 (2)
- 8. Matched RoHS criteria

| Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|
|          |              | A            | B     |
| 02       | 3.96-2A      | 3.96         | 7.92  |
| 03       | 3.96-3A      | 7.92         | 11.88 |
| 04       | 3.96-4A      | 11.88        | 15.84 |
| 05       | 3.96-5A      | 15.84        | 19.80 |
| 06       | 3.96-6A      | 19.80        | 23.76 |
| 07       | 3.96-7A      | 23.76        | 27.72 |
| 08       | 3.96-8A      | 27.72        | 31.68 |
| 09       | 3.96-9A      | 31.68        | 35.64 |
| 10       | 3.96-10A     | 35.64        | 39.60 |
| 11       | 3.96-11A     | 39.60        | 43.56 |
| 12       | 3.96-12A     | 43.56        | 47.52 |
| 13       | 3.96-13A     | 47.52        | 51.48 |
| 14       | 3.96-14A     | 51.48        | 55.44 |
| 15       | 3.96-15A     | 55.44        | 59.40 |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO.,LTD |                                             |
|------------------------------------------|---------------|-----------------------------------|---------------------------------------------|
| .X: ± 0.25                               | X° : ± 3.0°   | PRODUCT NAME:                     | TITLE: 3.96 mm Pitch<br>Wire To Board Wafer |
| .XX: ± 0.15                              | .X° : ± 2.0°  | DL39601(3.96)-A                   |                                             |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR: Yuan Jun Rong                 | DATE:19/08/01                               |
| FINISH:                                  |               | CHKD: Wu Hui                      | DATE:19/08/01                               |
| DRAWING NO:                              |               | APPD:Ren An De                    | DATE:19/08/01                               |
|                                          |               |                                   | PART NO:                                    |
|                                          |               |                                   | SCALE: N/A                                  |
|                                          |               |                                   | PAGE: 1/1                                   |
|                                          |               |                                   | UNITS: mm                                   |
|                                          |               |                                   | REV. : A                                    |

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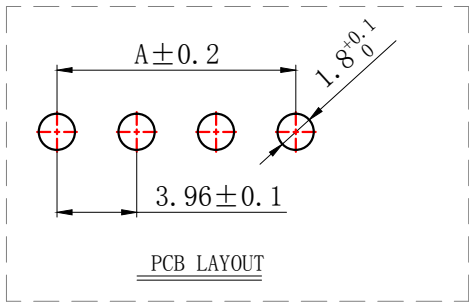
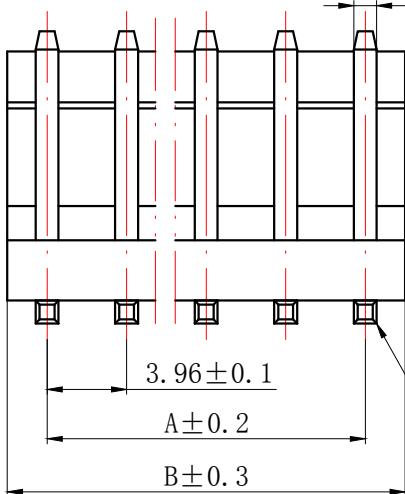
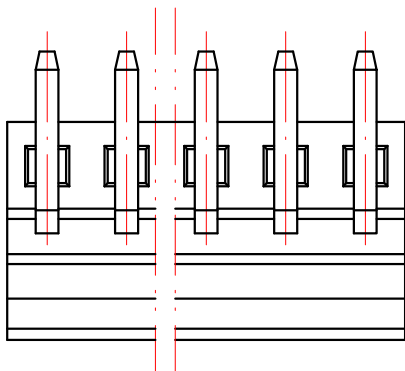
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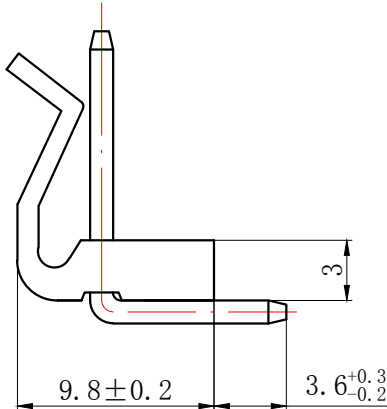
F



1.14

CIRCUIT 1

PCB LAYOUT



NORES:

1. Rated voltage: 250V AC.DC
2. Rated current: 5A AC DC
3. Contact resistance:  $\leq 20 \text{ m}\Omega$
4. Insulation resistance:  $\geq 1000 \text{ m}\Omega$
5. Withstand voltage: 1500V AC/minute
6. Ambient temprature:  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: Nylon UL94V-0 (2)
8. Matched RoHS criteria

| Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|
|          |              | A            | B     |
| 02       | 3.96-2AW     | 3.96         | 7.92  |
| 03       | 3.96-3AW     | 7.92         | 11.88 |
| 04       | 3.96-4AW     | 11.88        | 15.84 |
| 05       | 3.96-5AW     | 15.84        | 19.80 |
| 06       | 3.96-6AW     | 19.80        | 23.76 |
| 07       | 3.96-7AW     | 23.76        | 27.72 |
| 08       | 3.96-8AW     | 27.72        | 31.68 |
| 09       | 3.96-9AW     | 31.68        | 35.64 |
| 10       | 3.96-10AW    | 35.64        | 39.60 |
| 11       | 3.96-11AW    | 39.60        | 43.56 |
| 12       | 3.96-12AW    | 43.56        | 47.52 |
| 13       | 3.96-13AW    | 47.52        | 51.48 |
| 14       | 3.96-14AW    | 51.48        | 55.44 |
| 15       | 3.96-15AW    | 55.44        | 59.40 |

| GENERAL TOLERANCES (UNLESS SPECIFIED) |               |                   |               | ZHE JIANG DELI CONNECTORS CO.,LTD        |  |          |  |
|---------------------------------------|---------------|-------------------|---------------|------------------------------------------|--|----------|--|
| .X: ± 0.25                            | X° : ± 3.0°   | PRODUCT NAME:     |               | TITLE: 3.96 mm Pitch Wire To Board Wafer |  |          |  |
| .XX: ± 0.15                           | .X° : ± 2.0°  | DL39601(3.96)-AW  |               | PART NO:                                 |  |          |  |
| .XXX: ± 0.01                          | .XX° : ± 1.0° | DR: Yuan Jun Rong | DATE:19/08/01 | SCALE: N/A                               |  |          |  |
| FINISH:                               |               | CHKD: Wu Hui      | DATE:19/08/01 | PAGE: 1/1                                |  | REV. : A |  |
| DRAWING NO:                           |               | APPD:Ren An De    | DATE:19/08/01 | UNITS: mm                                |  |          |  |

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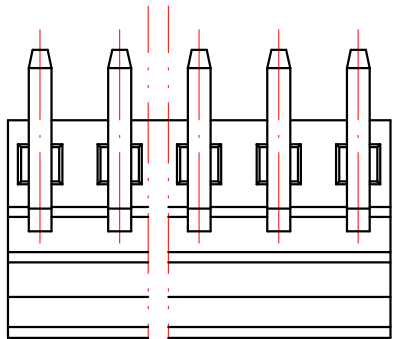
REV.

REVISION DESCRIPTION

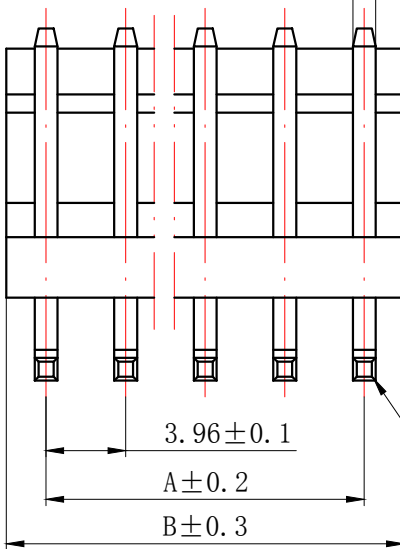
DATE

NORES:

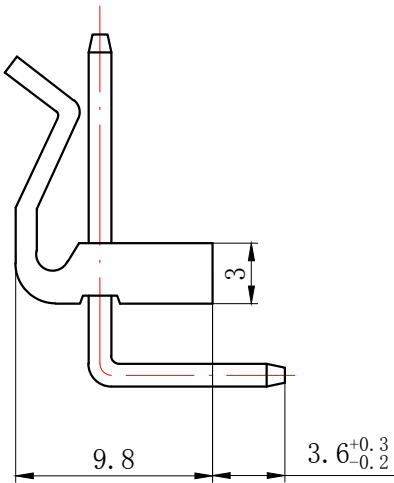
1. Rated voltage: 250V AC.DC
2. Rated current: 5A AC DC
3. Contact resistance:  $\leq 20 \text{ m}\Omega$
4. Insulation resistance:  $\geq 1000 \text{ m}\Omega$
5. Withstand voltage: 1500V AC/minute
6. Ambient temprature:  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: Nylon UL94V-0(2)
8. Matched RoHS criteria



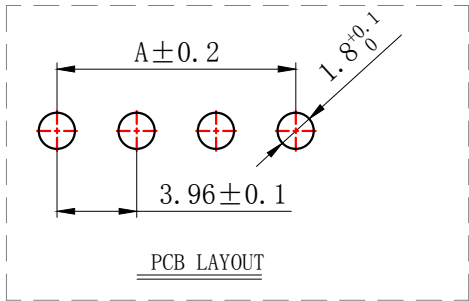
□1.14



CIRCUIT 1

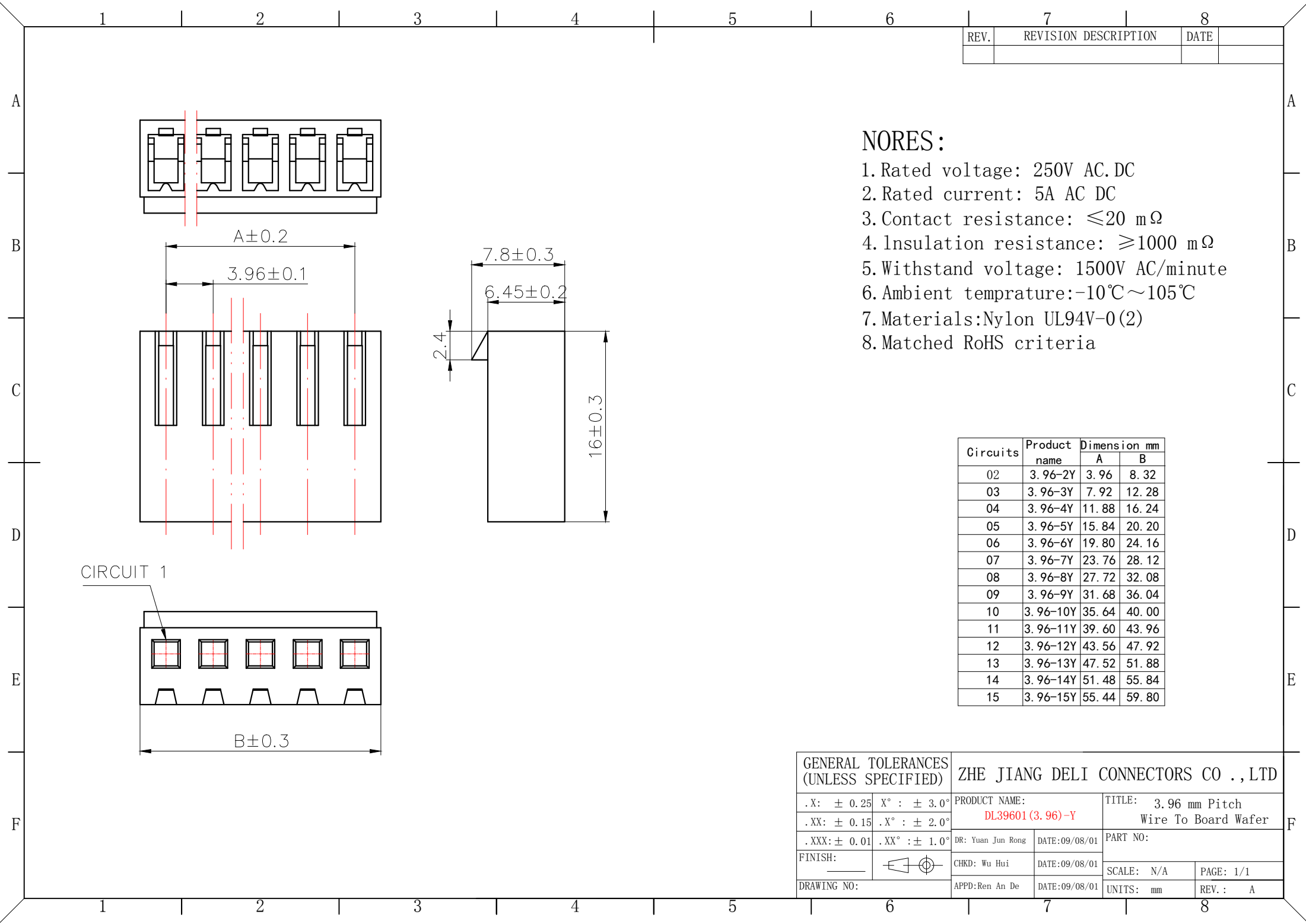


| Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|
|          |              | A            | B     |
| 02       | 3.96-2AWT    | 3.96         | 7.92  |
| 03       | 3.96-3AWT    | 7.92         | 11.88 |
| 04       | 3.96-4AWT    | 11.88        | 15.84 |
| 05       | 3.96-5AWT    | 15.84        | 19.80 |
| 06       | 3.96-6AWT    | 19.80        | 23.76 |
| 07       | 3.96-7AWT    | 23.76        | 27.72 |
| 08       | 3.96-8AWT    | 27.72        | 31.68 |
| 09       | 3.96-9AWT    | 31.68        | 35.64 |
| 10       | 3.96-10AWT   | 35.64        | 39.60 |
| 11       | 3.96-11AWT   | 39.60        | 43.56 |
| 12       | 3.96-12AWT   | 43.56        | 47.52 |
| 13       | 3.96-13AWT   | 47.52        | 51.48 |
| 14       | 3.96-14AWT   | 51.48        | 55.44 |
| 15       | 3.96-15AWT   | 55.44        | 59.40 |



PCB LAYOUT

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |               | ZHE JIANG DELI CONNECTORS CO., LTD |                                             |
|------------------------------------------|---------------|------------------------------------|---------------------------------------------|
| .X: ± 0.25                               | X° : ± 3.0°   | PRODUCT NAME:                      | TITLE: 3.96 mm Pitch<br>Wire To Board Wafer |
| .XX: ± 0.15                              | .X° : ± 2.0°  | DL39601 (3.96)-AWT                 |                                             |
| .XXX: ± 0.01                             | .XX° : ± 1.0° | DR: Chen Quan Long                 | DATE:09/08/01                               |
| FINISH:                                  |               | CHKD: Wu Hui                       | DATE:09/08/01                               |
| DRAWING NO:                              |               | APPD:Ren An De                     | DATE:09/08/01                               |
|                                          |               |                                    | PART NO:                                    |
|                                          |               |                                    | SCALE: N/A                                  |
|                                          |               |                                    | PAGE: 1/1                                   |
|                                          |               |                                    | UNITS: mm                                   |
|                                          |               |                                    | REV.: A                                     |



| REV. | REVISION DESCRIPTION | DATE |  |
|------|----------------------|------|--|
|      |                      |      |  |

- NORES:
- 1. Rated voltage: 250V AC.DC
  - 2. Rated current: 5A AC DC
  - 3. Contact resistance:  $\leq 20 \text{ m}\Omega$
  - 4. Insulation resistance:  $\geq 1000 \text{ m}\Omega$
  - 5. Withstand voltage: 1500V AC/minute
  - 6. Ambient temprature:  $-10^{\circ}\text{C} \sim 105^{\circ}\text{C}$
  - 7. Materials: Nylon UL94V-0(2)
  - 8. Matched RoHS criteria

| Circuits | Product name | Dimension mm |       |
|----------|--------------|--------------|-------|
|          |              | A            | B     |
| 02       | 3.96-2Y      | 3.96         | 8.32  |
| 03       | 3.96-3Y      | 7.92         | 12.28 |
| 04       | 3.96-4Y      | 11.88        | 16.24 |
| 05       | 3.96-5Y      | 15.84        | 20.20 |
| 06       | 3.96-6Y      | 19.80        | 24.16 |
| 07       | 3.96-7Y      | 23.76        | 28.12 |
| 08       | 3.96-8Y      | 27.72        | 32.08 |
| 09       | 3.96-9Y      | 31.68        | 36.04 |
| 10       | 3.96-10Y     | 35.64        | 40.00 |
| 11       | 3.96-11Y     | 39.60        | 43.96 |
| 12       | 3.96-12Y     | 43.56        | 47.92 |
| 13       | 3.96-13Y     | 47.52        | 51.88 |
| 14       | 3.96-14Y     | 51.48        | 55.84 |
| 15       | 3.96-15Y     | 55.44        | 59.80 |

| GENERAL TOLERANCES (UNLESS SPECIFIED) |                         |                               |               | ZHE JIANG DELI CONNECTORS CO.,LTD        |  |           |  |
|---------------------------------------|-------------------------|-------------------------------|---------------|------------------------------------------|--|-----------|--|
| .X: $\pm 0.25$                        | X°: $\pm 3.0^{\circ}$   | PRODUCT NAME: DL39601(3.96)-Y |               | TITLE: 3.96 mm Pitch Wire To Board Wafer |  |           |  |
| .XX: $\pm 0.15$                       | .X°: $\pm 2.0^{\circ}$  | DR: Yuan Jun Rong             | DATE:09/08/01 | PART NO:                                 |  |           |  |
| .XXX: $\pm 0.01$                      | .XX°: $\pm 1.0^{\circ}$ | CHKD: Wu Hui                  | DATE:09/08/01 | SCALE: N/A                               |  | PAGE: 1/1 |  |
| DRAWING NO:                           |                         | APPD:Ren An De                | DATE:09/08/01 | UNITS: mm                                |  | REV.: A   |  |

| REV. | REVISION DESCRIPTION | DATE     | APPD |
|------|----------------------|----------|------|
| B    | 端子高度尺寸更新             | 19.4.20  | Wu   |
| C    | 端子倒勾宽度               | 19.10.12 | Wu   |

## NOTES

Used in DL39601-Y Series Housing.

Accepts AWG #24~18 Wire Range.

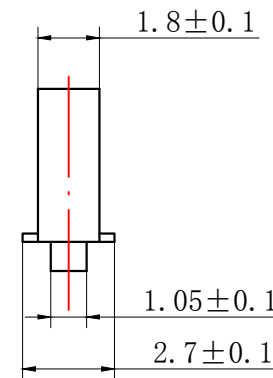
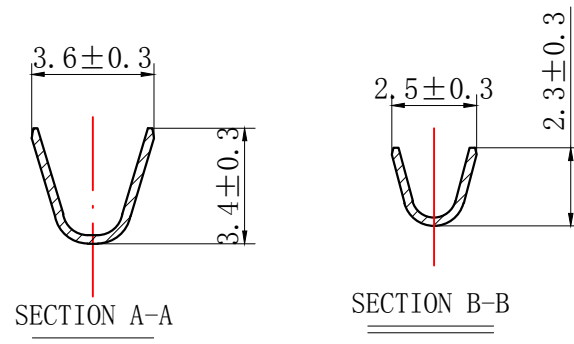
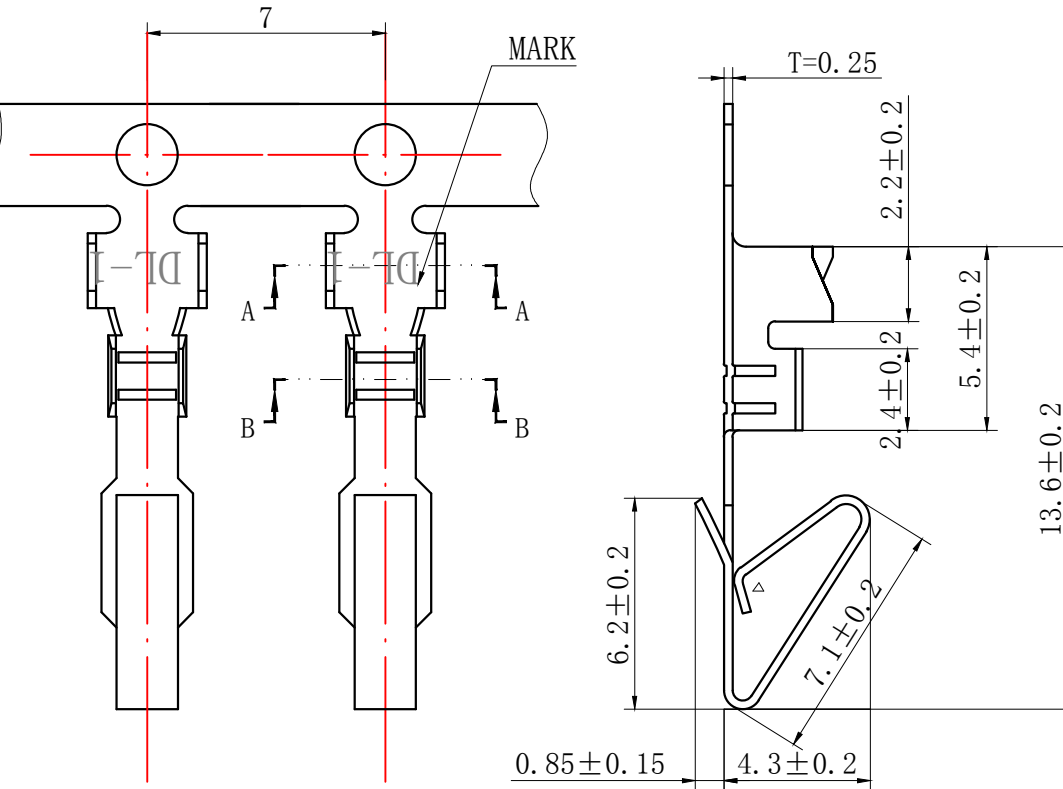
0.33~ 0.83 mm<sup>2</sup> .

Insulation O.D.=1.7~3.0 mm.

Material : Phosphor Bronze .

Finish: Tin plated.

Thickness: 0.25 mm.



| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                       | ZHE JIANG DELI CONNECTORS CO .,LTD   |             |                                               |           |
|------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|-------------|-----------------------------------------------|-----------|
| .X: ± 0.25                               | X° : ± 3.0°                                                                           | PRODUCT NAME:<br><br>DL39601(3.96)-T |             | TITLE: 3.96 mm pitch WTB<br>Crimping Terminal |           |
| .XX: ± 0.15                              | .X° : ± 2.0°                                                                          |                                      |             |                                               |           |
| .XXX: ± 0.01                             | .XX° : ± 1.0°                                                                         | DR:Xian Qiang                        | DATE:16.3.3 | PART NO:                                      |           |
| FINISH:<br>_____                         |  | CHKD: Liu Bing                       | DATE:16.3.3 |                                               |           |
|                                          |                                                                                       | APPD:Liu Bing                        | DATE:16.3.3 | SCALE: N/A                                    | PAGE: 1/1 |
| DRAWING NO:                              |                                                                                       |                                      |             | UNITS: mm                                     | REV.: C   |
|                                          |                                                                                       |                                      |             |                                               |           |

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