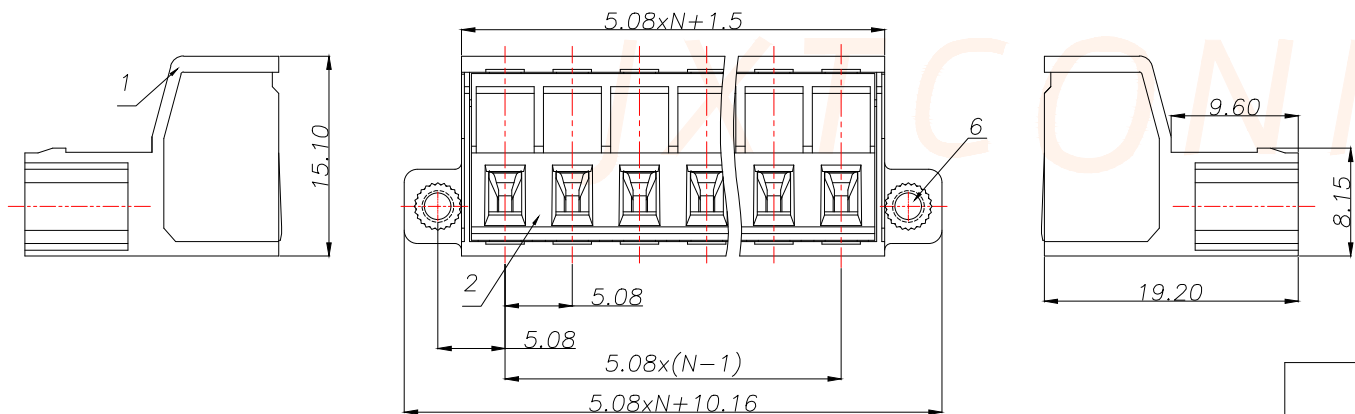
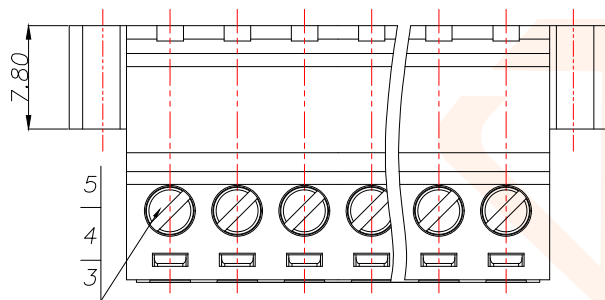




| General tolerances(mm) |              |               |                |                |                |                |                 |                  |                  |                  |                  |                  |       | 0.1/10 |
|------------------------|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------|--------|
| 0<br>~<br>3            | >3<br>~<br>6 | >6<br>~<br>10 | >10<br>~<br>18 | >18<br>~<br>30 | >30<br>~<br>50 | >50<br>~<br>80 | >80<br>~<br>120 | >120<br>~<br>180 | >180<br>~<br>250 | >250<br>~<br>315 | >315<br>~<br>400 | >400<br>~<br>500 | >500  |        |
| ±0.12                  | ±0.18        | ±0.22         | ±0.26          | ±0.31          | ±0.37          | ±0.57          | ±0.80           | ±0.93            | ±1.05            | ±1.15            | ±1.60            | ±2.20            | ±2.50 | ±2°    |



| REV. | ECN NO. | DESCRIPTION | DATE | DESIGN |
|------|---------|-------------|------|--------|
|      |         |             |      |        |
|      |         |             |      |        |

| Product model   | PIN  | A          | B          | C            |
|-----------------|------|------------|------------|--------------|
| A508KRP-2P1G36  | 2    | 11.66      | 5.08       | 20.32        |
| A508KRP-3P1G36  | 3    | 16.74      | 10.16      | 25.40        |
| A508KRP-4P1G36  | 4    | 21.82      | 15.24      | 30.48        |
| A508KRP-5P1G36  | 5    | 26.90      | 20.32      | 35.56        |
| A508KRP-6P1G36  | 6    | 31.98      | 25.40      | 40.64        |
| A508KRP-7P1G36  | 7    | 37.06      | 30.48      | 45.72        |
| .....           | .... | .....      | .....      | .....        |
| A508KRP-22P1G36 | 22   | 5.08xN+1.5 | 5.08x(N-1) | 5.08xN+10.16 |

| UL Standard                                          |  | B              | C      | D      |
|------------------------------------------------------|--|----------------|--------|--------|
| Rated Voltage(V)/Current(A)                          |  | 300/15         | /      | 300/10 |
| IEC Standard                                         |  |                |        |        |
| Overvoltage Category/Pollution Degree                |  | Ⅲ/3            | Ⅲ/2    | Ⅱ/2    |
| Rated Voltage(V)/Current(A)                          |  | /              | 320/20 | /      |
| Rate Impulse Voltage(KV)                             |  | 4              |        |        |
| Torque Tightening(N·m/Lb.in)                         |  | M2.5, 0.4/3.54 |        |        |
| Wire Range(rigid and flexible)(mm <sup>2</sup> /AWG) |  | 0.2~2.5/28~12  |        |        |
| Pitch(mm)/Poles                                      |  | 5.08/N=02~22P  |        |        |
| Stripping length(mm)                                 |  | 7-8            |        |        |
| Operating temperature(°C)                            |  | -40~+105       |        |        |
| Conform to RoHS                                      |  | Yes            |        |        |

|      |              |              |                |
|------|--------------|--------------|----------------|
| 6    | Nut          | Copper alloy | M2.5/Zn Plated |
| 5    | Screws       | Steel        | M2.5/Zn Plated |
| 4    | Cage         | Copper alloy | Ni plated      |
| 3    | Pin          | Copper       | Sn plated      |
| 2    | Cover        | PA66         | UL94V-0        |
| 1    | Housing      | PA66         | UL94V-0        |
| ITEM | NAME OF PART | MATERIAL     | NOTES          |

| TOLERANCE |       | 深圳聚兴泰电子科技有限公司<br>Shenzhen Juxingtai Electronic Technology Co., Ltd |                      |       |       |
|-----------|-------|--------------------------------------------------------------------|----------------------|-------|-------|
|           |       | PART NO.                                                           | TITLE:               |       |       |
|           |       | A508KRP-NP1G36                                                     | Socket-type terminal |       |       |
| UNITS     | mm    | DESIGN: Ethan                                                      | MANUFACTURE DWG      |       |       |
| MATERILA  | — — — | CHED: Olvia                                                        |                      | SCALE | SHEET |
| FINISH    | — — — | APPD: Ava                                                          |                      | N:A   | 1/1   |