

# Product Specification

Number: L-KLS6-ACR-xxW-xxx  
Name: Gold aluminum shell resistance  
Customer: \_\_\_\_\_  
Date: 2025-11-04



[WWW.KLSELE.COM](http://WWW.KLSELE.COM)

## NINGBO KLS ELECTRONIC CO; LTD

Tel : 0086-574-86828566

Fax : 0086-574-86824882

ADD : NO. 8-1, RONGXIA RD. XIAPU SHANQIAN  
INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

|       |        |        |         |
|-------|--------|--------|---------|
| Compi | Check  | Review | Approva |
| Jenny | Jack.C |        |         |

|             |                                |         |            |
|-------------|--------------------------------|---------|------------|
| Part name   | Gold aluminum shell resistance | Date    | 2025-11-04 |
| Part number | L-KLS6-ACR-xxW-xxx             | Edition | V1         |
| Department  |                                | Page    | 3 / 5      |



## 一、特点

### 1、体积小且功率大

Small size and hige power rating

### 2、坚固结构，稳定性高

Strong consturction,high stability

### 3、使用温度范围：-25℃—+275℃

Operating temperature:-25℃—+275℃

### 4、供应有感线绕及无感线绕型式

Supply standard winding &non-inductivewinding types

## 二、品名构成 Type designation

xxW

xx

J ( ± 5%)

额定功率  
Power Rating

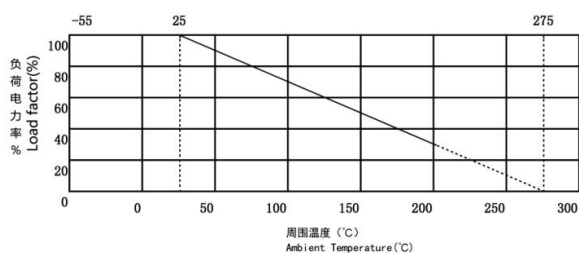
工程抵抗值  
Resistance

容许误差值  
Tolerance

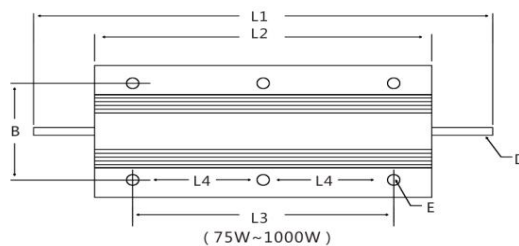
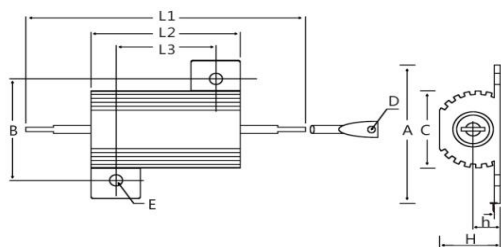
容许误差值 Tolerance

| D     | F   | G   | J   | K    |
|-------|-----|-----|-----|------|
| ±0.5% | ±1% | ±2% | ±5% | ±10% |

## 三、负载递减曲线 Power Derating curve



## 四、尺 寸 Dimensions



100W

只有两个孔 100W only has two holes.

| 额定功率<br>Power<br>Rating   | 尺 寸(mm)<br>Dimensions(mm) |      |      |      |     |     |
|---------------------------|---------------------------|------|------|------|-----|-----|
|                           | L1±1.5                    | L2±1 | L3±1 | L4±1 | A±1 | B±1 |
| ACR-10W                   | 65                        | 20   | 13.5 | 0    | 23  | 16  |
| ACR-25W                   | 50                        | 28   | 19   | 0    | 28  | 20  |
| ACR-50W                   | 70                        | 50   | 39.5 | 0    | 28  | 21  |
| ACR-100W<br>Small volume. | 95                        | 70   | 39.5 | 0    | 28  | 21  |
| ACR-100W<br>Large volume  | 130                       | 98   | 71   | 35.5 | 48  | 37  |
| ACR-300W                  | 160                       | 128  | 105  | 52   | 72  | 58  |

| 额定功率<br>Power<br>Rating | 尺 寸(mm)<br>Dimensions(mm) |       |       |       |       |       |
|-------------------------|---------------------------|-------|-------|-------|-------|-------|
|                         | C±1                       | D±0.2 | E±0.3 | H±0.5 | h±0.5 | T±0.3 |
| ACR-10W                 | 12                        | 0.7   | 3.0   | 10.5  | 5.2   | 1.5   |
| ACR-25W                 | 16                        | 2     | 3.5   | 15    | 7     | 2     |



|                                                                                   |                                                                                                                                                                                                                                                       |                                |                                           |            |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------|------------|
|  | Part name                                                                                                                                                                                                                                             | Gold aluminum shell resistance | Date                                      | 2025-11-04 |
|                                                                                   | Part number                                                                                                                                                                                                                                           | L-KLS6-ACR-xxW-xxx             | Edition                                   | V1         |
|                                                                                   | Department                                                                                                                                                                                                                                            |                                | Page                                      | 5 / 5      |
|                                                                                   |                                                                                                                                                                                                                                                       |                                |                                           |            |
| Life                                                                              | In a constant temperature and humidity chamber at 40±2℃ and relative humidity of 90-95%, apply the rated voltage or maximum operating voltage (whichever is smaller) for 1000 hours (on for 1.5 hours, off for 0.5 hours).                            |                                |                                           |            |
| 耐温负荷寿命<br>Temperature Load Life                                                   | 在 70±2℃恒温恒湿箱中施加额定电压或最大工作电压（取较小者）1000 小时（通 1.5 小时，断 0.5 小时）。In a constant temperature and humidity chamber at 70±2℃, apply the rated voltage or maximum operating voltage (whichever is smaller) for 1000 hours (on for 1.5 hours, off for 0.5 hours). |                                | Δ R≤±（5%R0+0.05 Ω）                        |            |
| 不燃性<br>Non-flammability                                                           | 分别按 5、10、16 倍额定功率加交流负荷 5 钟。Apply an AC load for 5 minutes at 5, 10, and 16 times the rated power, respectively.                                                                                                                                       |                                | 不可有明显火焰 There should be no obvious flame. |            |
| 表面温升<br>Surface Temperature Rise                                                  | ≤350℃                                                                                                                                                                                                                                                 |                                | 施加额定功率 Apply the rated power              |            |
| 绝缘电阻值<br>Insulation Resistance Value                                              | 1000M Ω                                                                                                                                                                                                                                               |                                | 1000V DC                                  |            |
|                                                                                   |                                                                                                                                                                                                                                                       |                                |                                           |            |
|                                                                                   |                                                                                                                                                                                                                                                       |                                |                                           |            |