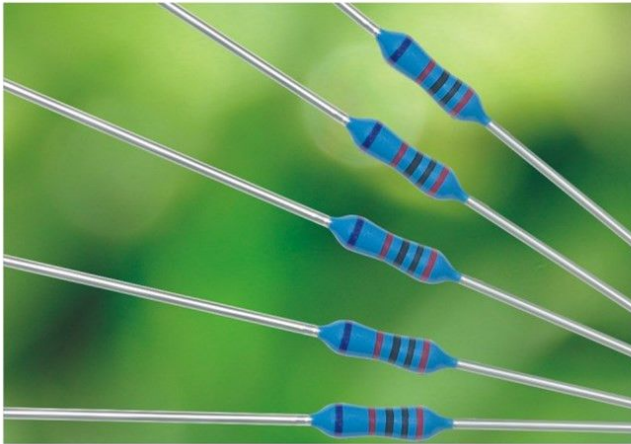
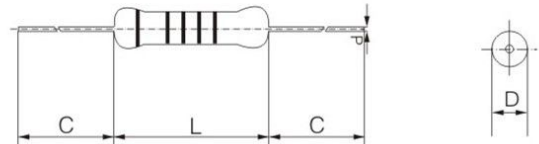


# RJ系列 半精密金属膜电阻器

## High Stability Metal Film Resistors



### ■ 构造图 Construction



### ■ 特点 Characteristics

|                  |                  |
|------------------|------------------|
| 符合国家军用标准:        | Come up to:      |
| GJB1929-1994     | GJB1929-1994     |
| 温度范围:            | Temp Range:      |
| -65°C ~ 150°C    | -65°C ~ 150°C    |
| 稳定度:             | Stability:       |
| ±1.0% 70°C 1000h | ±1.0% 70°C 1000h |
| 涂覆型              | Coated Style     |

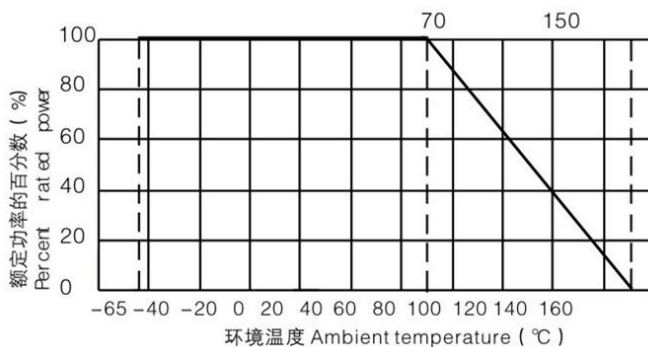
### 外形尺寸 DIMENSIONS (mm)

| 型号   | L ± 0.3 | D ± 0.3 | C ± 2 | d ± 0.05 |
|------|---------|---------|-------|----------|
| RJ23 | 3.8     | 1.5     | 26    | 0.50     |
| RJ24 | 6.2     | 1.8     | 36    | 0.60     |
| RJ25 | 9.1     | 2.1     | 36    | 0.60     |

### ■ 技术说明 Technical Specifications

| 型号TYPE                              | (GJB1929-1994)                      | RJ23  | RJ24      | RJ25      |
|-------------------------------------|-------------------------------------|---|-----------|-----------|
| 70°C时额定功率 Power Rating at Tu70°C(W) |                                     | 1/6   | 1/4       | 1/2       |
| 极限电压Limiting Element Voltage (V)    |                                     | 150   | 250       | 350       |
| 军标<br>认证<br>范围                      | 阻值范围Resistance Range(Ω)             | 10R ~ 1M5   | 10R ~ 2M  | 10R ~ 2M  |
|                                     | 精度范围 Tolerance Range                | D (±0.5%), F (±1.0%), G (±2.0%), J (±5.0%)                        |           |           |
|                                     | 温度系数范围TC-Range(10 <sup>-6</sup> /K) | C2 (±50), C1 (±100)   |           |           |
| 可供<br>范围                            | 阻值范围Resistance Range(Ω)             | 10R ~ 1M5   | 0R1 ~ 5M0 | 0R1 ~ 10M |
|                                     | 精度范围 Tolerance Range                | B (±0.1%), C (±0.25%), D (±0.5%), F (±1.0%), G (±2.0%), J (±5.0%) |           |           |
|                                     | 温度系数范围TC-Range(10 <sup>-6</sup> /K) | C3 (±25), C2 (±50), C1 (±100)                                     |           |           |

### ■ 降功耗曲线 Derating Curve



军用电子元器件质量认证合格标识

# RJ系列 半精密金属膜电阻器

## High Stability Metal Film Resistors

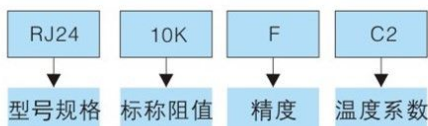


| 试验项目 Test Item            | GJB1929-1994要求                    | 试验方法 Test Method                         |
|---------------------------|-----------------------------------|--|
| 过载 Short Time Overload    | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | 2.5倍额定电压, 最大电压不超过2倍极限电压, 5s              |
| 温度冲击 Temperature shock    | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | -65°C ~ 150°C, 5次循环, 0.5h                |
| 低温工作 Low temp. Operation  | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | -65°C, 1h, 额定电压不超过200V, 45min            |
| 介质耐压 Dielectric Strength  | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | 450V, 1min, 100v/s                       |
| 耐焊接热 Resistance to Solder | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | 350°C, 3s                                |
| 耐湿 Resistance to moisture | $\leq \pm(1.5\%R \pm 0.05\Omega)$ | -10°C ~ 65°C, RH80-98%, 240h             |
| 寿命 Load life              | $\leq \pm(1.0\%R \pm 0.05\Omega)$ | 70°C, Pe, 1000h                          |
| 冲击 Shock                  | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | 980m/s <sup>2</sup> , 6ms                |
| 振动 Vibration              | $\leq \pm(0.5\%R \pm 0.05\Omega)$ | 10 ~ 2000Hz, 0.75mm, 150m/s <sup>2</sup> |

### 可供阻值范围对照表

| 产品型号及规格 TYPE |                          |        | RJ23 | RJ24 | RJ25 |
|--------------|--------------------------|--------|------|------|------|
| 代码           | 阻值精度                     | 阻值范围   |      |      |      |
| B            | ±0.1%                    | 最低FROM | 10R  | 1R0  | 1R0  |
|              |                          | 最高TO   | 750K | 3M0  | 10M  |
| C            | ±0.25%                   | 最低FROM | 10R  | 1R0  | 1R0  |
|              |                          | 最高TO   | 750K | 5M0  | 10M  |
| D            | ±0.5%                    | 最低FROM | 10R  | 0R5  | 0R5  |
|              |                          | 最高TO   | 1M0  | 5M0  | 10M  |
| F            | ±1.0%                    | 最低FROM | 10R  | 0R1  | 0R1  |
|              |                          | 最高TO   | 1M0  | 5M0  | 10M  |
| G            | ±2.0%                    | 最低FROM | 10R  | 0R1  | 0R1  |
|              |                          | 最高TO   | 1M0  | 5M0  | 10M  |
| J            | ±5.0%                    | 最低FROM | 10R  | 0R1  | 0R1  |
|              |                          | 最高TO   | 1M5  | 5M0  | 10M  |
| 特性代号         | 温度系数 10 <sup>-6</sup> /K |        |      |      |      |
| C3           | ±25                      | 最低FROM | 10R  | 1R0  | 1R0  |
|              |                          | 最高TO   | 750K | 5M0  | 10M  |
| C2           | ±50                      | 最低FROM | 10R  | 0R1  | 0R1  |
|              |                          | 最高TO   | 1M   | 5M0  | 10M  |
| C1           | ±100                     | 最低FROM | 10R  | 0R1  | 0R1  |
|              |                          | 最高TO   | 1M5  | 5M0  | 10M  |

### ■ 订货示例: (Examples for purchase)



说明:

- 1.电阻器阻值、精度、温度系数超出上述对照表的可协议供货。
- 2.电阻温度特性测试点25°C、85°C。

包装方式: 采用塑料自封袋±纸质盒包装, 起订量50只以上。

编带包装为连续的编带式包装, 每卷至少500只(起订量1卷)

Packaging: Bulk in plastic bags (MOQ: 50pcs), 500pcs for taping.