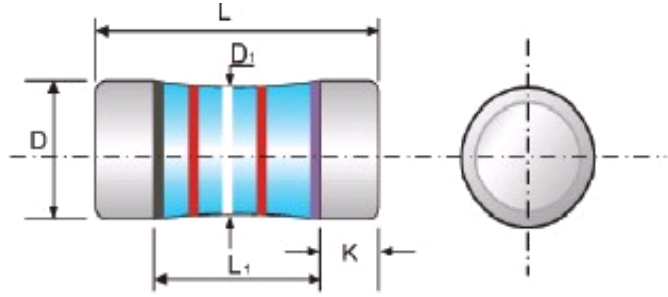


RJM 型精密圆柱状金属膜电阻器

RJM HIGH PRECISION MELF RESISTORS



■ 构造图 CONSTRUCTION (mm)



■ 产品特点 FEATURES

- SMD 表面贴装
- 防潮湿多层包装
- 低温度系数
- 高精度、高稳定度
- 可焊性极好的端子
- 采用蓝色或绿色涂料包封，色环标志，编带包装或散装包装

■ 外形尺寸 DIMENSIONS (mm)

| 尺寸(size) | L±0.3 | L1max | Dmax | D1max | Kmax |
|------------|-------|-------|------|-------|------|
| RJM74P0204 | 3.5 | 1.7 | 1.5 | 1.5 | 1.0 |
| RJM75P0207 | 5.7 | 3.5 | 2.3 | 2.3 | 1.5 |
| RJM76M0207 | 5.7 | 3.5 | 2.3 | 2.3 | 1.5 |
| RJM77M0411 | 8.7 | 5.5 | 3.3 | 3.3 | 2.0 |
| RJM77M0617 | 10.7 | 6.5 | 4.3 | 4.3 | 2.5 |

- SMD structure
- Conformal multi-layer coating moisture proof
- Low TCR
- High precision, high stability
- Excellent solderability termination
- Blue or green flame-retardant coating
- Colour Code Taping Reel or Bulk

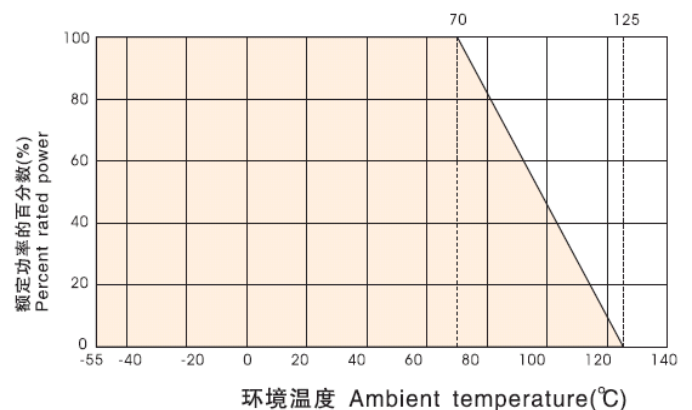
■ 应用范围 APPLICATIONS

- 适用于电子仪器 and 仪表，设备，彩电、空调、音响等电器
- 电子衡器
- Electric instruments, equipments, TV, audio, air-conditioning and other electrical equipment
- Electronic weighing apparatus

■ 执行标准 REFERENCE STANDARDS

- GB/T 5729-2003
- SJ/T 10571-1994
- SJ/T 10572-1994
- SJ/T 10573-1994
- SJ/T 10574-1994

■ 降功率曲线 DERATING CURVE



RJM 型精密圆柱状金属膜电阻器

RJM HIGH PRECISION MELF RESISTORS



■ 技术参数 TECHNICAL SPECIFICATIONS

| 型号 Type | 额定功率(W) Power Rating | 最大工作电压 Max Working Voltage(V) | 绝缘电压 Insulate Voltage(V) | 阻值范围 Resistance Range(Ω) | 电阻温度系数 (+25~85℃) TCR(ppm/℃) | 精度 Tolerances | 额定功率 环境温度 Power Rating Ambient Temperature | 使用温度范围 Operating Temperature |
|------------|-------------------------|----------------------------------|-----------------------------|--------------------------------------|--|--|--|------------------------------------|
| RJM74P0204 | 0.25 | 250 | 350 | 0.1~2M | ±5 ±10 ±15 ±25 ±50 ±100 | ±0.05% ±0.1% ±0.25% ±0.5% ±1% ±5% | -55~70℃ | -55~125℃ |
| RJM75P0207 | 0.5 | 300 | 500 | 0.1~22M | | | | |
| RJM76M0207 | 1 | 350 | 500 | 0.1~22M | | | | |
| RJM77M0411 | 2 | 400 | 500 | 0.1~22M | | | | |
| RJM78M0617 | 3 | 500 | 500 | 0.1~22M | | | | |

■ 性能指标 PERFORMANCE

| 试验项目 Test Item | 性能要求 Specifications | 试验变化 Test method |
|---------------------------|---|-----------------------------|
| 可焊性 Soldeability | ≥95% | 235±5℃ 2±0.5s |
| 短时过载 Short time overload | $\Delta R \leq \pm(0.25\%R + 0.05\Omega)$ | 2.5V _r , 5s |
| 温度冲击 Thermal shock | $\Delta R \leq \pm(0.2\%R + 0.05\Omega)$ | -65~150℃, 5cycles |
| 耐焊接热 Leaching | $\Delta R \leq \pm(0.1\%R + 0.05\Omega)$ | 260±10℃, 10±1s |
| 耐湿 Resistance to moisture | $\Delta R \leq \pm(0.5\%R + 0.05\Omega)$ | -10~65℃, RH>90%, 240H |
| 70℃持久性 Endurance at 70℃ | $\Delta R \leq \pm(1\%R + 0.1\Omega)$ | 70±2℃, P _r 1000H |

■ 订货示例 How To Order

例如 Example

| | | | | | |
|--|------------------------------|--|--|-----------------------------|--|
| RJM74P | 0204 | B | 7 | T | 1001 |
| 产品型号 Type | 类型 Style | 精度 Tolerance | 温度系数 TCR | 包装方式 Packaging | 标称阻值 Nominal Value |
| RJM74P RJM75P RJM76M RJM77M RJM78M | 0204 0207 0411 0617 | W: ±0.05% B: ±0.1% C: ±0.25% D: ±0.5% F: ±1% J: ±5% | 7: ±5ppm 6: ±10ppm 5: ±15ppm 3: ±25ppm 2: ±50ppm 1: ±100ppm | 塑料袋 plastic bags 编带 tape | 1001=1K Ω 1122=11.2K Ω 1R00=1 Ω 0R495=0.495 Ω 1114=1.11M Ω 2205=22M Ω |