

大亞秋田電子科技（深圳）有限公司

精密圆柱状金属膜电阻器


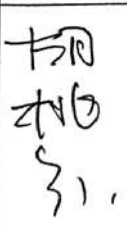
規格：RJM

製造廠商：

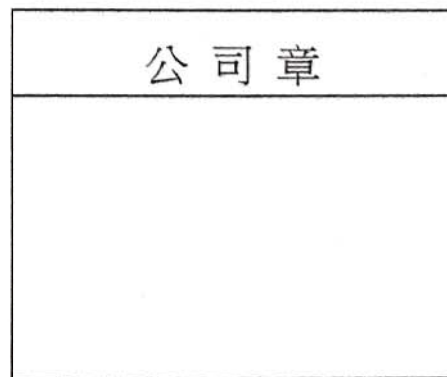
大亞秋田電子科技（深圳）
有限公司

使用廠商：

立創

| 認可 | 審核 | 製作 |
|---|---|-----|
|  |  | 肖明艳 |

| 認可 | 審核 | 製作 |
|----|----|----|
| | | |

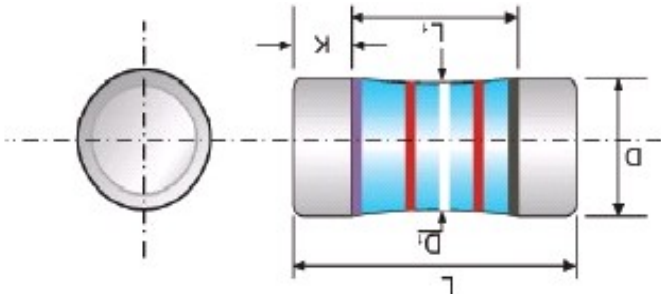


RJM 型精密圆柱状金属膜电阻器

RJM HIGH PRECISION MELF RESISTORS



■ 构造图 CONSTRUCTION (mm)



■ 外形尺寸 DIMENSIONS (mm)

| 尺寸(size) | L±0.3 | L1max | D±0.2 | D1max | Kmax |
|------------|-------|-------|-------|-------|------|
| RJM73P0102 | 2.2 | 1.2 | 1.1 | 1.1 | 0.5 |
| RJM74P0204 | 3.5 | 1.7 | 1.4 | 1.5 | 1.0 |
| RJM74M0204 | 3.5 | 1.7 | 1.4 | 1.5 | 1.0 |
| RJM75P0207 | 5.7 | 3.5 | 2.2 | 2.3 | 2.0 |
| RJM76M0207 | 5.7 | 3.5 | 2.2 | 2.3 | 2.0 |
| RJM77M0411 | 8.7 | 5.5 | 3.1 | 3.3 | 2.5 |
| RJM78M0617 | 10.7 | 6.5 | 4.1 | 4.3 | 3.0 |

■ 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封装，色环标志，编带包装或散装包装

● 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

- 适用于电子仪器和仪表，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

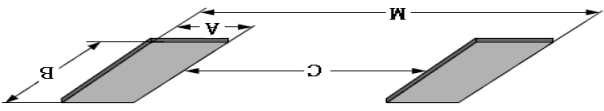
SJ/T 10574-1994

[Http://www.mvs-resistor.com](http://www.mvs-resistor.com)

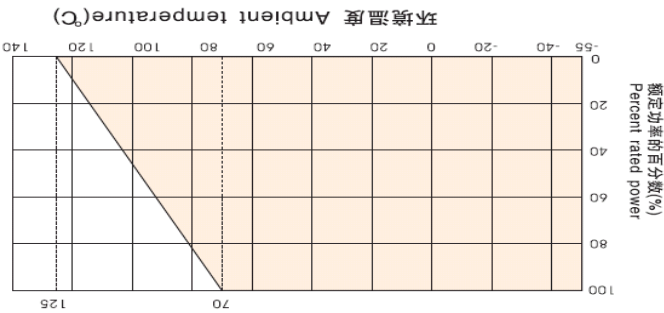
E-mail: sales@mvs-resistor.com

TEL: +86-0755-29667033, 29667066 FAX: 0755-29667099

| TYPE | C (mm) | A (mm) | B (mm) | M (mm) |
|------------|-----------------------------------|--------|--------|--------|
| | RECOMMENDED SOLDER PAD DIMENSIONS | | | |
| RJM74P0102 | 1.2 | 1.3 | 1.7 | 3.0 |
| RJM74P0204 | 1.6 | 1.3 | 1.7 | 4.2 |
| RJM74M0204 | 1.6 | 1.3 | 1.7 | 4.2 |
| RJM75P0207 | 3.1 | 1.8 | 2.5 | 6.8 |
| RJM76M0207 | 3.1 | 1.8 | 2.5 | 6.8 |
| RJM77M0411 | 5.1 | 2.5 | 3.5 | 9.5 |
| RJM78M0617 | 6.1 | 3.2 | 4.5 | 11.9 |



■ 焊盘尺寸 PAD SIZE



■ 降功率曲线 DERATING CURVE

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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 (V) Working Voltage(V) | 绝缘电压 (V) Insulate Voltage(V) | 阻值范围 Resistance Range(Ω) | 电阻温度系数 TCR(ppm/°C) (+25~85°C) | 精度 Tolerances | 额定功率 Power Rating | 环境温度 Ambient Temperature | 使用温度范围 Operating Temperature |
|------------|--------------------------|----------------------------------|---------------------------------|-----------------------------|-------------------------------------|------------------|----------------------|-----------------------------|---------------------------------|
| RJM73P0102 | 0.2 | 150 | 200 | 0.22~1M | ±5 | ±0.05% | -55~70°C | -55~125°C | |
| RJM74P0204 | 0.25 | 250 | 350 | 0.1~2M | ±10 | ±0.1% | -55~70°C | -55~125°C | |
| RJM74M0204 | 0.4 | 250 | 350 | 0.1~2M | ±15 | ±0.25% | -55~70°C | -55~125°C | |
| RJM75P0207 | 0.5 | 300 | 500 | 0.1~22M | ±25 | ±0.5% | -55~70°C | -55~125°C | |
| RJM76M0207 | 1 | 350 | 500 | 0.1~22M | ±50 | ±1% | -55~70°C | -55~125°C | |
| RJM77M0411 | 2 | 400 | 500 | 0.1~22M | ±100 | ±5% | -55~70°C | -55~125°C | |
| RJM78M0617 | 3 | 500 | 500 | 0.1~22M | ±100 | ±5% | -55~70°C | -55~125°C | |

■ 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 Solderability | ≥95% | 235±5°C 2±0.5s |
| 短时过载 Short time overload | $\Delta R \leq \pm(0.5\%R+0.05\Omega)$ | 2.5V _a , 5s |
| 温度冲击 Thermal shock | $\Delta R \leq \pm(0.5\%R+0.05\Omega)$ | -65~150°C, 5cycles |
| 耐焊接热 Leaching | $\Delta R \leq \pm(0.5\%R+0.05\Omega)$ | 260±10°C, 10±1s |
| 耐湿 Resistance to moisture | $\Delta R \leq \pm(0.5\%R+0.05\Omega)$ | -10~65°C, RH>90%, 240H |
| 70°C耐久性 Endurance at 70°C | $\Delta R \leq \pm(1\%R+0.1\Omega)$ | 70±2°C, P _a 1000H |

■ 订货示例 How To Order 例如 Example

| | | | | |
|------------|---|---|---|------|
| RJM74P0204 | B | 7 | T | 1001 |
|------------|---|---|---|------|

| 产品型号 Type |
|--------------|
| RJM73P0102 |
| RJM74P0204 |
| RJM74M0204 |
| RJM75P0207 |
| RJM76M0207 |
| RJM77M0411 |
| RJM78M0617 |

| 精度 Tolerance |
|-----------------|
| W:±0.05% |
| B:±0.1% |
| C:±0.25% |
| D:±0.5% |
| F:±1% |
| J:±5% |

| 温度系数 TCR |
|-------------|
| 7:±5ppm |
| 6:±10ppm |
| 5:±15ppm |
| 3:±25ppm |
| 2:±50ppm |
| 1:±100ppm |

| 包装方式 Packaging |
|-------------------|
| 塑料袋 plastic bags |
| 编带 tape |

| 标称阻值 Nominal Value |
|-----------------------|
| 1001=1KΩ |
| 1122=11.2KΩ |
| 1R00=1Ω |
| 0R495=0.495Ω |
| 1114=1.11MΩ |
| 2205=22MΩ |

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[H424K3BDA](#) [H442K2BDA](#) [H45K62BZA](#) [H4634RBZA](#) [H473R2BZA](#) [H4931KBZA](#) [H8160KFDA](#) [H8274KBZA](#) [H82K0FDA](#) [H82K0FZA](#)
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