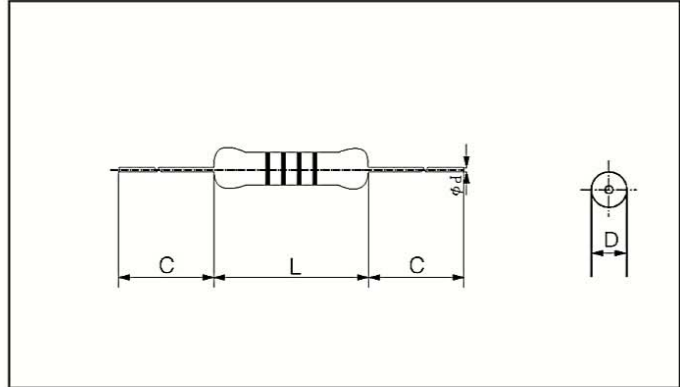


## ■ 构造图 Construction



## ■ 产品特点 Features

- 涂覆型
- 高稳定:  $\pm 1.0\%$ ,  $70^{\circ}\text{C}$ , 1000h
- Coated style
- High stability:  $\pm 1.0\%$ ,  $70^{\circ}\text{C}$ , 1000h

## ■ 应用范围 Applications

- 仪器仪表
- 电子衡器
- Meters and instruments
- Electronic weighing apparatus

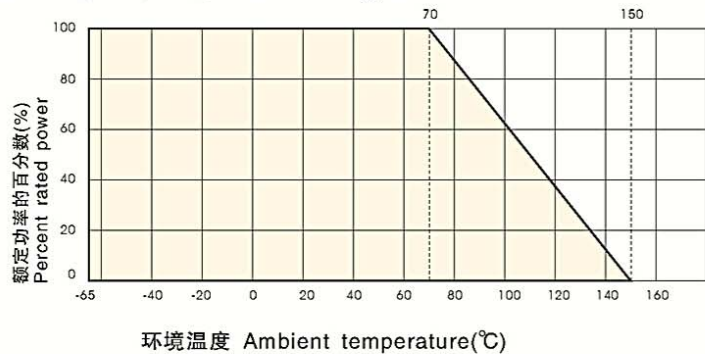
## ■ 执行标准 Reference Standards

GJB1929-1994

## ■ 外形尺寸 Dimensions ( mm )

尺寸(size)	$L \pm 0.3$	$D \pm 0.3$	$C \pm 2$	$d \pm 0.05$
MC0204	4.20	1.5	27	0.50
MC0207	7.0	2.4	26	0.60

## ■ 降功耗曲线 Derating Curve



## ■ 技术说明 Technical Specifications

型号 Type	70°C 额定功率(W) Power Rating at 70°C	最大工作电压 Max Working Voltage ( V )	阻值范围 Resistance Range ( $\Omega$ )	精度范围 Absolute Tolerance	温度系数范围 TCR (ppm/°C)
MC0204	1/6	200	20~1M $\Omega$	B( $\pm 0.1\%$ ), C( $\pm 0.25\%$ ), D( $\pm 0.5\%$ ),	C3( $\pm 25$ ), C2( $\pm 50$ ),
MC0207	1/4	250	10~2M $\Omega$	F( $\pm 1.0\%$ ), G( $\pm 2.0\%$ ), J( $\pm 5.0\%$ )	C1( $\pm 100$ )

## 性能指标 Performance

试验项目 Test Item	性能要求 Specifications	试验方法 Test Method
过载 Short time overload	$\leq \pm(0.5\%R+0.05\Omega)$	2.5V <sub>R</sub> , 5s, 最大电压不超过2倍极限电压
温度冲击 Thermal shock	$\leq \pm(0.5\%R+0.05\Omega)$	-65°C~150°C, 5cycles
低温工作 Low temp. operation	$\leq \pm(0.5\%R+0.05\Omega)$	-65°C, 1h, P <sub>R</sub> , 45min
介质耐压 Dielectric strength	$\leq \pm(0.5\%R+0.05\Omega)$	450V, 1min
耐焊接热 Leaching	$\leq \pm(0.5\%R+0.05\Omega)$	350°C, 3s
耐湿 Resistance to moisture	$\leq \pm(1.5\%R+0.05\Omega)$	-10°C~65°C, RH80-98%, 240h
寿命 Load life	$\leq \pm(1.0\%R+0.05\Omega)$	70°C, P <sub>R</sub> , 1000h
冲击 Shock	$\leq \pm(0.5\%R+0.05\Omega)$	980m/s <sup>2</sup> , 6ms
振动 Vibration	$\leq \pm(0.5\%R+0.05\Omega)$	10~1000Hz, 0.75mm, 150m/s <sup>2</sup>

## 产品精度、温度系数与阻值范围对照表 Electrical data-Tolerance, TCR & Resistance range

型号 Type	温度 系数 TCR (ppm/°C)	阻值范围 Resistance Range					
		±0.1%	±0.25%	±0.5%	±1.0%	±2.0%	±5.0%
MC0204	25	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0
	50	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0
	100	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0	20R~1M0
MC0207	25	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0
	50	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0
	100	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0	10R~2M0

## 订货示例 How To Order

例如 Example

MC	0204	1/6W	10R	±0.1%	±2ppm	塑料袋 Plastic bags
产品型号 Type	类型 Style	功率 Power	标称阻值 Nominal Value	精度 Tolerance	温度系数 TCR	包装方式 Packaging
MC	0204 0207	1/6W 1/4W	10R	±0.1% ±0.25% ±0.5% ±1.0% ±2.0% ±5.0%	±25ppm ±50ppm ±100ppm	塑料袋500只 plastic bags 500 pieces 编带1000只 tape available for 1000 pieces

包装说明：包装塑料自封袋包装（起订量30只）。

Packaging: Plastic recloseable bags (moq: 30pcs)。