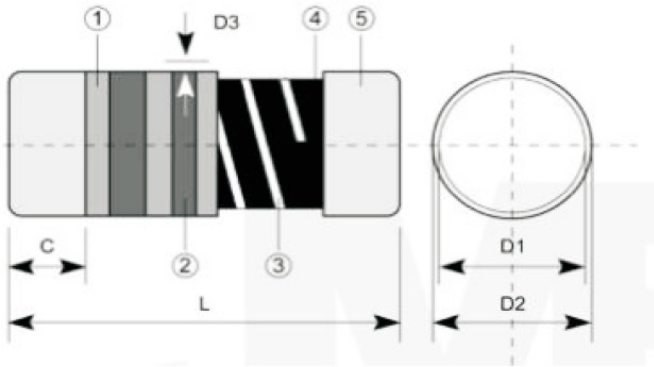


## 产品特点 Features

- 更大电流。  
High current capability.
- 比片状电阻更低的电流噪音。  
Lower current noise than flat chip resistors.
- (pb) 无铅且符合ROHS 标准。  
Lead(pb)-free and ROHS compliant .
- 锡铜镀层的, 帽连接。  
Force fitted steel caps,tin plated on copper barrier.
- 圆柱形设计, 可自由安装于基板。  
Free direction for mounting due to cylindrical design.
- 优越的稳定性, 最先进的薄膜技术。  
Superior overall stability,most advanced thin film technology.
- 适用 (SMD)装配系统可通过回流焊、波峰焊自动焊接。  
Applicable (SMD) assembly system can automatically weld through reflow welding and wave soldering.



## 构造图 Construction



材料名称 Item	材质 Material
1 包封料 Coating	绝缘环氧树脂涂料 Insulating epoxy resin coating
2 色环 Color ring	阻燃涂料 Flame retardant coating
3 切割线 Cutting line	---
4 瓷棒 Cermic rod	金属皮膜瓷体 Metal film Cermic body
5 帽盖 Cap	镀铜、镀锡铁帽 Copper, tin and iron

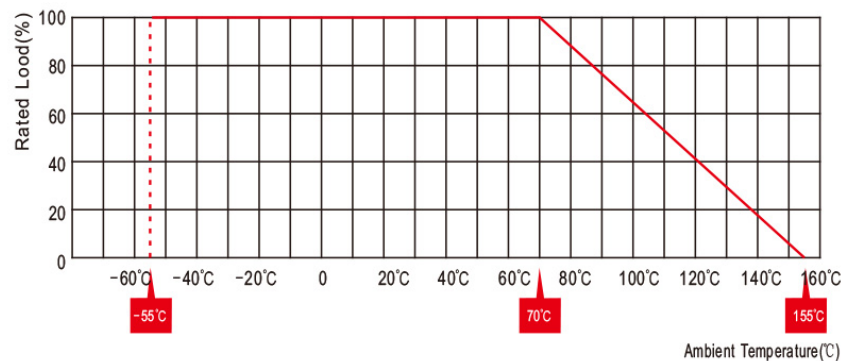
## 外形尺寸 Dimensions

型号 Type	尺寸描述 Dimension (mm)				
	L	D1	D2	D3 Max	C Min
CFM 0204	3.5±0.2	1.1±0.1	1.3±0.2	0.15	0.4
CFM 0207	5.9±0.2	1.7±0.1	2.1±0.2	0.25	0.5
CFM 0309	8.6±0.2	2.5±0.1	3.1±0.2	0.30	0.5

## 应用范围 Applications

- 电信设备  
Telecommunication equipment
- 工业电子  
Industrial electronics

## 降功耗曲线 Derating Curve



## 技术说明 Technical Standards

型号 Type	功率范围 Power range (70°C)	气候类别 Climate category	工作温度范围 Operating temperature range (°C)	绝缘电压 (直流或交流峰值) Insulation voltage (DC or AC peak) V	Maximum overload 最大过载 V	电阻值范围 Resistance range (Ω)	温度系数 T.C.R (x10 <sup>-6</sup> /K)
						±2%、±5%	
CFM 0204	0.125W 0.25W-S 0.5W-X	55/155 /56	-55 ~ 155	200	300	1Ω~10M	±350
CFM 0207	0.25W 0.5W-S 1W-X	55/155 /56	-55 ~ 155	250	400		
CFM 0309	0.5W 1W-S 2W-X	55/155 /56	-55 ~ 155	350	600		

## 性能指标 Performance

测试项目 Test item	试验方法 Test Methods	性能要求 Specifications
电阻值 Resistance	精度在0.01%以上的测试仪 The test machine tolerances	符合阻值精度要求 Accord with precision
防潮性 Humidity resistance	室温+100°C, 相对湿度90%~95%, 浸渍时间: 0.5小时 Room temperature + 100°C 90%~95% RH, Dipping time: 0.5hr	±(5%+0.05Ω)
温度系数 Temperature coefficient	+ 25°C/ -55°C和+ 25°C/ + 125°C +25°C/-55°C and +25°C/+125°C	按客户要求 As Spec.
短时间过负载 Short Time Overload	RCWV *×2.5或Max。电压过载5秒。 RCWV*×2.5 or Max. Overload voltage for 5 seconds.	±(0.5%+0.05Ω)
负载寿命试验 Load Life test	恒温箱温度为70°C±2°C, 连续使用1000±48h。 Constant temperature chamber of 70°C±2°C, applied continuously for 1,000±48hr.	±(3%+0.05Ω)
焊锡性 Solder ability	焊料温度:255±5°C 浸泡时间:3±0.5秒 Temperature of solder: 255±5°C Dipping time: 3±0.5 sec	焊料应覆盖电极部分总面积的95%以上 More than 95% of the total area of the electrode part shall be covered with new solder
焊锡耐热性 Resistance to soldering heat	温度:260±5°C 浸入时间:10±1秒 Temperature: 260±5°C Dipping time: 10±1 sec	±(0.5%+0.05Ω)

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