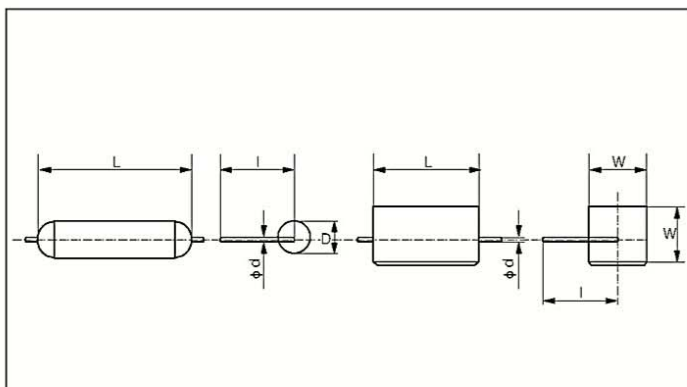


RF11 瓷壳型薄膜熔断电阻器

ceramic thin film fuse resistors



■ 构造图 Construction



■ 产品特点 Features

- 不燃型,陶瓷封装,安全可靠
- 工作时表面温升低,可靠性高
- 印字标识
- 可散装或成型
- Flame-proof, ceramic encased
- Low temperature rise, high reliability
- Character marking
- Bulk or lead forming available

■ 应用范围 Applications

- 主要应用于彩电
- 家用电器
- Mostly used in colour TV
- Household appliances

■ 执行标准 Reference Standards

SJ2866-88

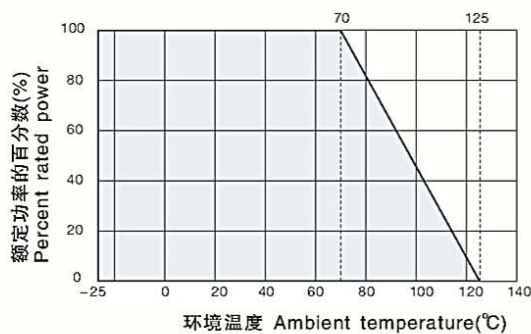
■ 外形尺寸 Dimensions(mm)

型号 Type	Lmax	Dmax	Wmax	l	d
RF11-0.5W	16.0	6.3	-	25 ± 2	0.6 ± 0.05
RF11-1W	14.5	-	6.5		0.6 ± 0.05
RF11-2W	19.0	-	7.4		0.8 ± 0.05
RF11-3W	23.0	-	10.5		0.8 ± 0.05

注:根据客户要求也可做成小体积,大功率,型号为RF10(r).

Note:Special requirement on enhanced power with small size also available type:RF10(r)

■ 降功耗曲线 Derating Curve



■ 技术说明 Technical Specifications

型号 Type	额定功率 Rated Power	电阻温度系数 TCR PPM/°C	最高开路电压 Maximum open voltage	绝缘电压 (直流或交流峰值) Insulate voltage	阻值范围(Ω) Resistance Range	额定功率环境温度 Rating Ambient Temp	使用温度范围 Operating Temp Range
RF11-0.5W	0.5W	±350	200V	1000V	0.33~1.5K	+70°C	-25°C~+125°C
RF11-1W	1W	±350	200V		0.33~1.5K		
RF11-2W	2W	±350	300V		0.33~1K		
RF11-3W	3W	±350	300V		0.33~3.3K		

性能指标 Performance

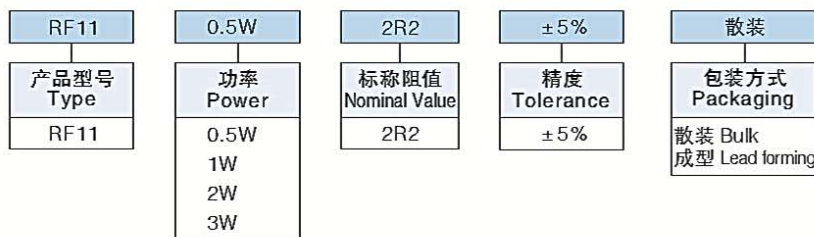
试验项目 Test Item	性能要求 Specifications	试验方法 Test Methods
温度快速变化 Rapid change of temperature	$\Delta R \leq \pm(1\%R+0.05\Omega)$	-25°C/125°C, 30min 5cycles
过载 Overload	$\Delta R \leq \pm(1\%R+0.05\Omega)$	2.5V _R , 5S
断续过负荷 Pulse overload	$\Delta R \leq \pm(2\%R+0.05\Omega)$	2.5V _{R(AC)} IS(ON), 25S(OFF), 10kcycles
耐焊接热 Leaching	$\Delta R \leq \pm(1\%R+0.05\Omega)$	350 ± 10°C, 3.5 ± 0.5S
振动 Vibration	$\Delta R \leq \pm(1\%R+0.05\Omega)$	10-500Hz, 98m/s ² , 6h
气候顺序 Climatic category	$\Delta R \leq \pm(5\%R+0.1\Omega)$	125°C, 16h/55°C, RH 93 ± 3%, 24h/ -25°C, 2h/8.5kpa, 15~35°C, 1h
70°C耐久性 Endurance at 70°C	$\Delta R \leq \pm(5\%R+0.1\Omega)$	70 ± 2°C, P _R , 1000h
稳态湿热 Dampheat, steady state	$\Delta R \leq \pm(5\%R+0.1\Omega)$	40°C, RH93 ± 3%, 21d

熔断特性 Fusing Characteristics

额定功耗倍率 Magnification of power rating	标称阻值范围 Resistance Range(Ω)		
	< 2	2~10	> 10
熔断时间(s) Fusing Time(max)			
12	-	120	60
16	90	45	30
25	30	20	15

订货示例 How To Order

例如 Example



备注:特殊熔断时间可依客户需求订制。 Note:Speial fusing time based on costomer requirement.