

# RF10 flame proof coated fuse resistors



## ■ Performance

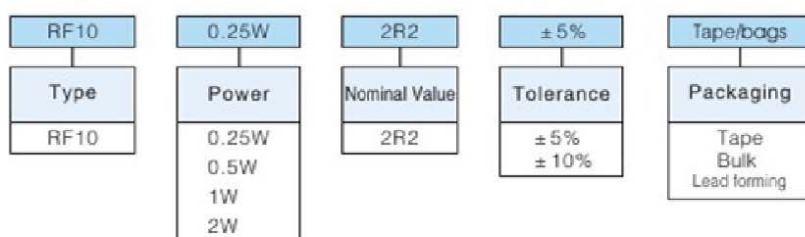
Test Item	Specifications	Test Methods
Rapid change of temperature	$\Delta R \leq \pm(1\%R+0.05\Omega)$	-25°C/125°C, 30min 5cycles
Overload	$\Delta R \leq \pm(1\%R+0.05\Omega)$	2.5V <sub>R</sub> , 5S
Pulse overload	$\Delta R \leq \pm(2\%R+0.05\Omega)$	2.5V <sub>R(AC)</sub> IS(ON), 25S(OFF), 10kcycles
Leaching	$\Delta R \leq \pm(1\%R+0.05\Omega)$	350±10°C, 3.5±0.5S
Vibration	$\Delta R \leq \pm(1\%R+0.05\Omega)$	10-500Hz, 98m/s <sup>2</sup> , 6h
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
Endurance at 70°C	$\Delta R \leq \pm(5\%R+0.1\Omega)$	70±2°C, P <sub>R</sub> , 1000h
Dampheat, steady state	$\Delta R \leq \pm(5\%R+0.1\Omega)$	40°C, RH93±3%, 21d

## ■ Fusing Characteristics

Magnification of power rating	Resistance Range(Ω)		
	< 2	2~10	> 10
	Fusing Time(max)		
12	-	60	30
16	60	30	15
25	30	15	7.5

## ■ How To Order

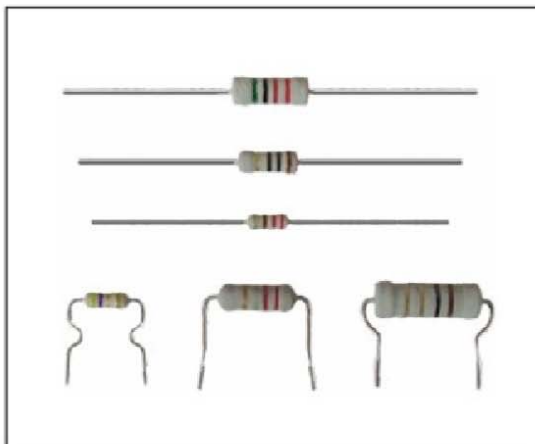
Example



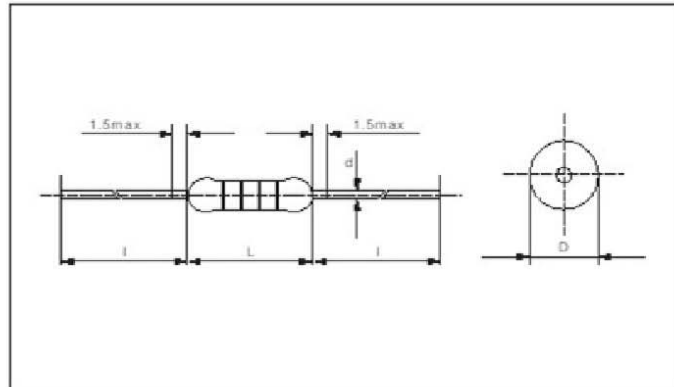
Note: Special fusing time based on customer requirement.

# RF10

flame proof coated fuse resistors



## Construction(mm)



## Features

- Imported grey inflaming retardant cement
- Safe and reliable
- Low temperature rise
- Color code marking
- Bulk or tape and lead forming available

## Dimensions(mm)

Type	Lmax	Dmax	$l \pm 1.0$	$d \pm 0.05$
RF10-0.25W	7.0	2.5	25	0.6
RF10-0.5W	10.5	2.9		0.7
RF10-1W	14.0	3.9		0.8
RF10-2W	17.0	6.6		0.8

Note: Small-size, high power available if required.

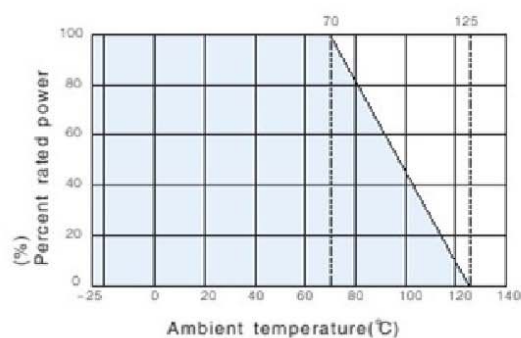
## Applications

- Mostly used in colour TV
- Lighting fixture
- Switching power supply

## Reference Standards

SJ2865-88

## Derating Curve



## Technical Specifications

Type	Rated Power	TCR PPM/°C	Maximum open voltage	Insulate. Voltage	( $\Omega$ ) Resistance Range	Rating Ambient Temp	Operating Temp Range
RF10-0.25W	0.25W	$\pm 350$	200V	250V	0.22-1K	+70°C	-25°C-+125°C
RF10-0.5W	0.5W	$\pm 350$	250V	250V			
RF10-1W	1W	$\pm 350$	350V	350V			
RF10-2W	2W	$\pm 350$	350V	350V			