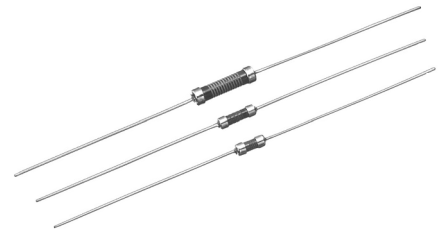


RG TYPE

High Voltage Resistors for High Vacuum



The RG type resistors coated with glass for protecting resistive film are usable at high temperature and in high vacuum.

FEATURES

- High temperature bake out capability.
- No organic materials and usable in high vacuum.

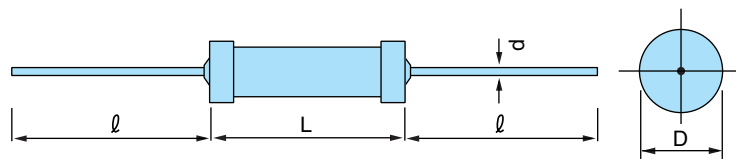
CHARACTERISTICS

∴ Data in high vacuum 10^{-4} Pa

Item	Characteristics	Test method	
Operating temperature range	-50°C~+200°C 400°C(Max.)	(continuity) (24hr continuity)	
Long-term stability	±0.2%	Normal temperature	1000hr
Load life	±0.5%	25°C, Rated Voltage	1000hr
Temperature coefficient	±200ppm/°C	25°C~125°C	(Reference 25°C)

PRODUCTION DATA

- Shape



Type	Range of resistance values		Rated power (W)	Max. working voltage (In the atm.) DC (kV)	Impulse voltage(kV) $1.2 \times 50 \mu s$	Dimensions (mm)				Resistance tolerance (%)
	Min. (MΩ)	Max. (MΩ)				L	D	l	d	
RG1/4S	0.1	10	1/4	0.75	1.5	8.0 ± 0.5	2.5 ± 0.2	38 ± 3.0	0.6 ± 0.05	±1(F) ±2(G) ±5(J)
RG1/2S	0.1	100	1/2	1.5	3.0	10.5 ± 0.5	3.5 ± 0.2	38 ± 3.0	0.6 ± 0.05	
RG1S	0.1	100	1	2.0	4.0	13.5 ± 0.5	3.5 ± 0.2	38 ± 3.0	0.6 ± 0.05	
RG2S	0.1	100	2	5.0	10.0	25.5 ± 1.0	4.6 ± 0.2	38 ± 3.0	0.6 ± 0.05	

NOTICE: Please consult your local dealer for resistor's shape larger, resistance value outside and resistance tolerance narrower.