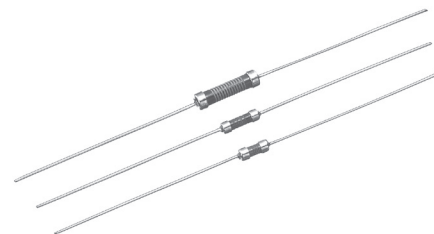


RG TYPE

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.

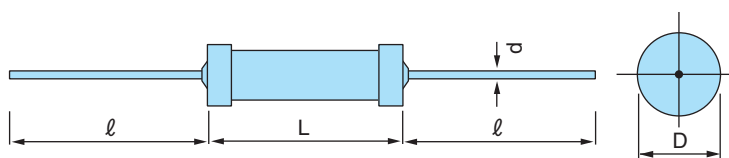
CHARACTERISTICS

※ Data in high vacuum 10^{-4} Pa

Item	Characteristics	Test method
Operating temperature range	$-50^{\circ}\text{C}\sim+200^{\circ}\text{C}$ $400^{\circ}\text{C}(\text{Max.})$	(continuity) (24hr continuity)
Long-term stability	$\pm 0.2\%$	Normal temperature 1000hr
Load life	$\pm 0.5\%$	25°C , Rated Voltage 1000hr
Temperature coefficient	$\pm 200\text{ppm}/^{\circ}\text{C}$	$25^{\circ}\text{C}\sim 125^{\circ}\text{C}$ (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) $1.2\times 50\mu\text{s}$	Dimensions (mm)				Resistance tolerance (%)
	Min. (M Ω)	Max. (M Ω)				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	$\pm 1(\text{F})$ $\pm 2(\text{G})$ $\pm 5(\text{J})$
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.