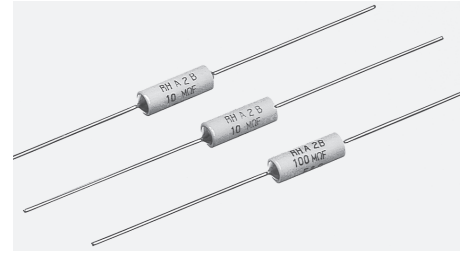


# RHA TYPE

## Superhigh Precision Hermetically Sealed Resistors



The RHA type resistors are hermetically sealed resistors which exhibit excellent long-term stability and moisture resistance even at high resistance value.

### FEATURES

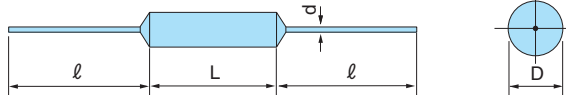
- Extremely low temperature coefficient.
- Small in size, light weight and high reliability.
- Excellent moisture resistance and long-term stability.
- A wide range of resistance values are stably obtained.

### CHARACTERISTICS

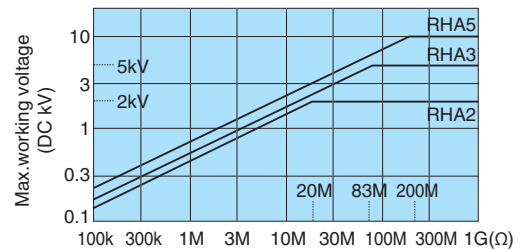
Item	Characteristics			Test method
	≤100MΩ	≤1GΩ	≤10GΩ	
Operating temperature range	-30°C~+75°C			
Voltage coefficient	Max.-2ppm/V		Max.-5ppm/V	Rated voltage and 1/10 of rated voltage
Resistance to soldering heat	±0.1%		±0.2%	350°C for 3 sec.
Load life	±0.2%		±0.5%	Rated voltage for 1,000hr.
Long-term stability	±0.1%	±0.2%	±0.5%	At normal temperature and humidity for 10,000hr.
Moisture resistance	±0.1%	±0.2%	±0.5%	40°C 90~95%RH for 3,000hr.
Temperature coefficient	※ A ±10	B ±25 C ±50 D ±100 ppm/°C	D ±100 S ±200 ppm/°C	Measured at 25°C and 75°C

### PRODUCTION DATA

● Shape



In RHA type, both side of hermetically sealed with solder.



Type	Characteristics		Range of resistance values		Max. working voltage DC (kV)	Dimensions (mm)				Resistance tolerance (%)
	Symbol	Temperature coefficient (ppm/°C)	Min. (MΩ)	Max. (MΩ)		L	D	ℓ	d	
RHA2	B	±25	0.1	100	2	14±0.5	5.1±0.2	38±3	0.8±0.05	±0.1 (B)≤100M ±0.25(C)≤500M ±0.5 (D)≤1G ±1(F) ±2(G) ±5(J)≤10G
	C	±50	0.1	500						
	D	±100	0.1	2000						
	S	±200	0.1	10000						
RHA3	B	±25	0.1	100	5	27±0.5	6.5±0.2	38±3	1 ±0.05	±0.1 (B)≤100M ±0.25(C)≤500M ±0.5 (D)≤1G ±1(F) ±2(G) ±5(J)≤10G
	C	±50	0.1	500						
	D	±100	0.1	2000						
	S	±200	0.1	10000						
RHA5	B	±25	0.1	100	10	42±0.5	6.5±0.2	38±3	1 ±0.05	±0.1 (B)≤100M ±0.25(C)≤500M ±0.5 (D)≤1G ±1(F) ±2(G) ±5(J)≤10G
	C	±50	0.1	500						
	D	±100	0.1	2000						
	S	±200	0.1	10000						

NOTICE : ※ Also consult your local dealer for the availability of resistors with a temperature coefficient of "A" characteristic.