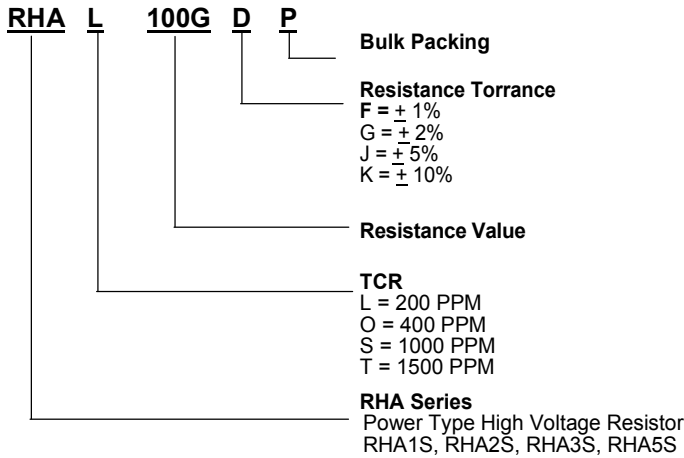


RHA Series - Resistance Range Up To 10 Trillion Ohm at DC 10KV



HOW TO ORDER



FEATURES

- Low temperature coefficient.
- Hermetically Sealed.
- Excellent performance in long-term stability and load life

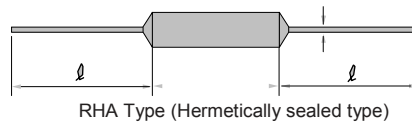
APPLICATIONS

The RHA Ultrahigh type resistors are designed for use in the detection of trickle current and for other similar purposes. Their operating stability by far excels that of conventional models.

CHARACTERISTICS

Item	Characteristics	Test method	
Operating temperature range	RHA Type: -35 ^o C ~+ 70 ^o C		
Long-term stability	1%	At normal temperature and humidity for 10,000hr.	
Reduction in long-term stability at high temperature	1% <	In thermostatic oven at 70 ^o C for 1,000hr	
Insulation resistance	9.0 10 ¹³ cm	40 ^o C, 90 95%RH, 1,000hr, at 500V	
Voltage coefficient	10GΩ 15GΩ	Measured at 10V and 100V	
	15GΩ 7000GΩ		
	7000GΩ 10000GΩ	Measured at 100V and 500V	
	0.002%/V	0.01%/V	0.05%/V

PRODUCTION DATA



Type	Temperature coefficient	Range of resistance values		Max. working voltage DC (kV)	Impulse voltage (kV) 1.2 x 50 μ sec	Dimensions (mm) (RHA)type				Resistance tolerance (%)
		Min. (GΩ)	Max. (GΩ)			L	D	ℓ	d	
RHA1S	400	1	5	0.75	1.5	9±1	3±1	38±3	0.6±0.05	1(F) 2(G) ≤ 1TΩ
RHA2S	200	10	15	2	4	14.5±1 (14±0.5)	(5.1±0.2)	38±3	0.8±0.05	
	400	15	50							
RHA3S	200	10	100	5	10	26.5±1 (27±0.5)	5.5±1 (6.5±0.2)	38±3	1±0.05	
	400	100	300							
	1000	300	600							
RHA5S	200	10	100	10	20	42±2 (42±0.5)	5.5±1 (6.5±0.2)	38±3	1±0.05	5 (J) 10(K) ≤10TΩ
	400	100	600							
	1000	600	1000							
		1500	1000							

The content of this specification may change without notification 1/28/2015