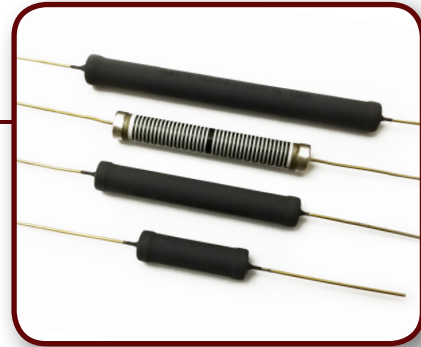


500 SERIES

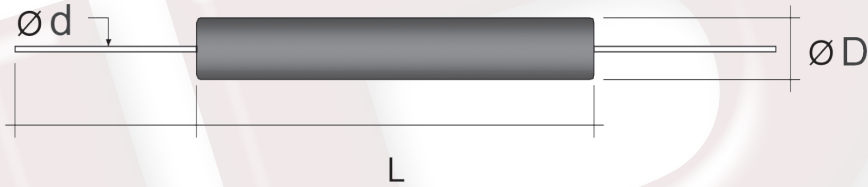
HIGH RESISTANCE NON-INDUCTIVE
HIGH VOLTAGE RESISTOR

500 series high voltage resistor adopts high quality ceramic, high mechanical strength, large heat capacity, is a high resistance high voltage resistor. Suitable for medical equipment, electrical equipment, high-voltage instruments.



FEATURES

- Thick film, Non-inductive
- Wide range of resistance
- Ultra high resistance to 5 Teraohm



PRODUCT SIZE

Type	Rated Power (w)	Rmin (Ω)	Rmax(Ω)	Umax (kV)	Size			
	125°C				L±0.5	mm	D±0.5mm	d±0.1mm
502	2.5	500M	50G	4.8	20	8	1.0	
503	3.7	1G	50G	6.4	27	8	1.0	
504	4.5	1G	100G	8.0	33	8	1.0	
505	5.2	1G	100G	13	39	8	1.0	
506	7.5	1G	500G	16	52	8	1.0	
507	11	1G	1T	24	78	8	1.0	
508	12	1G	2T	32	103	8	1.0	
509	15	1G	3T	40	124	8	1.0	
510	20	1G	5T	48	154	8	1.0	

NR *new resistance*
precision without limits

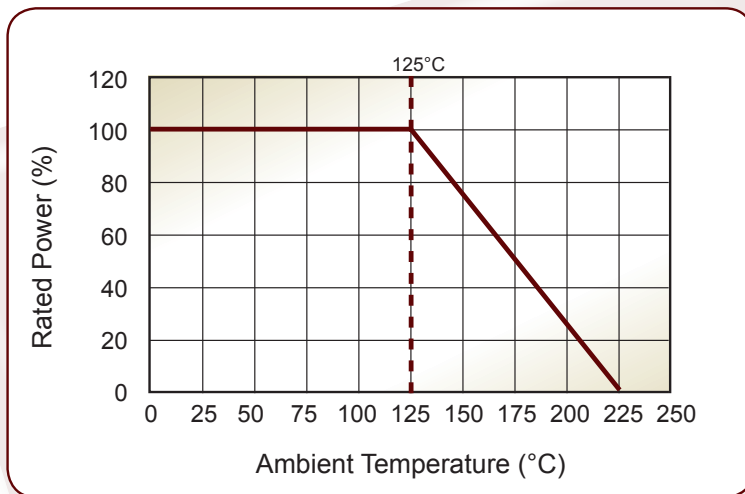
500 SERIES

HIGH RESISTANCE NON-INDUCTIVE
HIGH VOLTAGE RESISTOR

TECHNICAL PARAMETERS

Tolerance	$\pm 1\% \sim \pm 10\%$ (depend ohmic value)
TCR	$\pm 1000\text{ppm}$
Dielectric Strength	$>1000\text{VDC}$
Insulation resistance	min. $10\text{T}\Omega$
Temperature range	$-55\text{ }^\circ\text{C} \sim +225\text{ }^\circ\text{C}$
Encapsulation	silicone resin
Lead end	tin plated iron cap
Load life	rated power 1000h $\Delta R \leq 2\%$

POWER REDUCTION CURVE



NR *new resistance*
precision without limits