

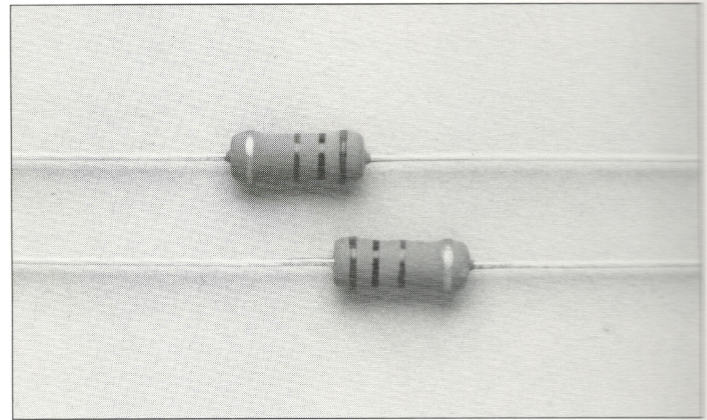
RESISTORS

WRH, WRP SERIES

SILICON COATED WIRE WOUND

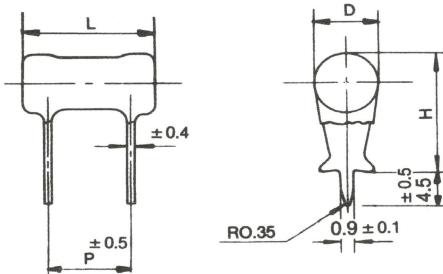
DESCRIPTION

The silicon coated, round, wire wound, power resistors combine welded end caps pressed on specially treated fiberglass or ceramic cored wrapped by nickel-chromium resistance wire. Precision tolerances are available, filling applications where accuracy and power handling are prerequisites.

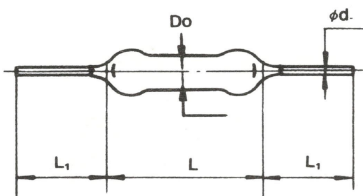


CHARACTERISTICS

	Requirements	Test Method
Resistance Tolerance	J(±5%)G(±2%)	@ 25°C
Temperature Coefficient	±260ppm/°C	(< 10 ±400ppm/°C)
Insulation Resistance	20M min.	DC500V
Dielectric Withstanding Voltage	±(1%+0.05)	AC500V 1 min.
Rated Power	±(1%+0.05) 350°C max.	Rated Power 30 min.
Short Time Over Load	±(2%+0.05)	10 times rated power for 5 sec.
Moisture Resistance	±(5%+0.05)	40°C 95%RH. 1000hr
Load Life	±(5%+0.05)	Rated power 1.5hr ON 0.5hr OFF1000hr



TYPE WRH

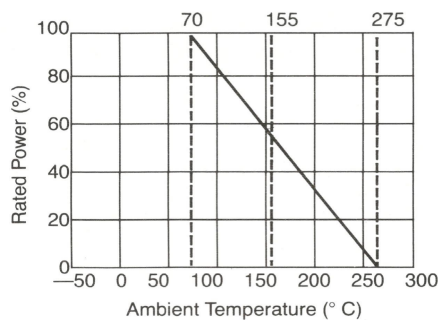


TYPE WRP

WRH Series	Dimensions					
	Type	D±(Max)	L±1.5	P±0.5	H±1	Resist.Rng.
WRH-3W		6.5	18	10	19	0.1-200
WRH-5W		8.5	24	15	21.5	0.5-560
WRH-7W		8.5	30	20	21.5	1-1k
WRH-10W		8.5	53	43	21.5	1-2k

WRP Series	Dimensions mm					
	Type	D±0.5	L±1	L1±1	d±0.08	Resist.Rng.
WRP 1W		4	10	28	0.6	0.05-50
WRP 2W		5	12	28	0.7	0.1-120
WRP 3W		5.5	16	28	0.8	0.1-200
WRP 5W		6.5	17	38	0.8	0.1-2.2K
WRP 7W		8	25	38	0.8	0.1-2.7K
WRP 10W		8	53	38	0.8	0.1-3K

Derating Curve



Heat Rise

