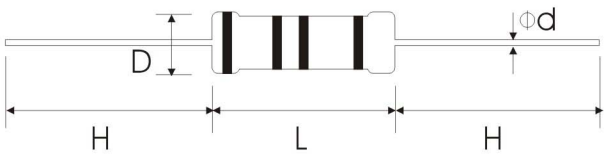
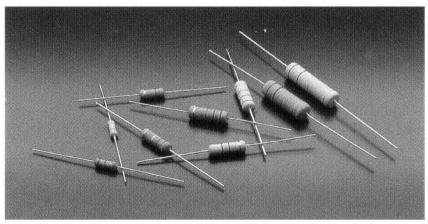
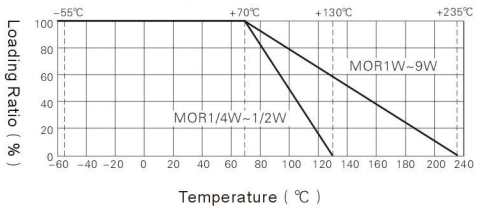
Metal Oxide(O) Series 金屬氧化膜電阻器

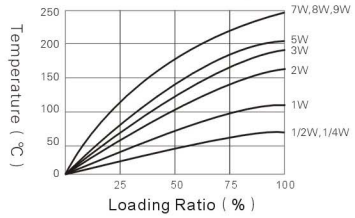




Power Curve



Surface Rasing Temperature



Characteristics

Power (70℃)	Standard Dimension				Working Voltage	Test Voltage	Insulation Voltage	Resistance Range
	D Max.	L Max.	d $^{+0.02}_{-0.05}$	H±3				
Standard Dimension								
1/4W	2.5	7.5	0.6	28	250V	400V	250V	0.3Ω~50KΩ
1/2W	4	10	0.6	28	250V	400V	250V	0.3Ω~50KΩ
1W	5	12	0.7	28	350V	600V	350V	0.3Ω~50KΩ
2W	5.5	16	0.8	28	350V	600V	350V	0.3Ω~50KΩ
3W	6.5	17.5	0.8	28	500V	800V	500V	5Ω~100KΩ
5W	8.5	26	0.8	38	750V	1000V	750V	5Ω~150KΩ
7W	8.5	32	0.8	38	750V	1000V	750V	20Ω~150KΩ
8W	8.5	41	0.8	38	750V	1000V	750V	30Ω~200KΩ
9W	8.5	54	0.8	38	750V	1000V	750V	50Ω~200KΩ
Small Dimension								
1/2W	2.5	7.5	0.6	28	250V	400V	250V	0.3Ω~50KΩ
1W	4	10	0.7	28	350V	600V	350V	0.3Ω~50KΩ
2W	5	12	0.7	28	350V	600V	350V	0.3Ω~50KΩ
3W	5.5	16	0.8	28	350V	600V	350V	0.3Ω~50KΩ
5W	6.5	17.5	0.8	28	500V	800V	500V	5Ω~100KΩ
5W	8	25	0.8	38	500V	800V	500V	5Ω~150KΩ

Standard E-24 Code, Tolerance ±5%
Standard Basic Color is Grey

Characteristics

Temperature Coefficient	±350PPM/℃
Loading of Instantaneous	Standard Size:△R/R≦ ±(1%+0.05Ω), No Failure
	Small Size:△R/R≦ ±(2%+0.05Ω), No Failure
Insulation Voltage	No Failure
Pulse Loading	Standard Size:△R/R≦ ±(2%+0.05Ω), No Failure
	Small Size:△R/R≦ ±(5%+0.05Ω), No Failure
Strength of Lead	Pull and Bending > 1Kg,A 90° Bend at the Point of Egress,in One Direction, Return to Qriginal Position and then A 90° Bend in Opposite Direction at the Rate of One Bend in 5 Seconds.
Resistance to Solder Heat	△R/R≦ ±(1%+0.05Ω), No Failure
Solder Ability of Leads	>95%
Resistance to Solvent	No Failure
Temperature Cycle	△R/R≦ ±(2%+0.05Ω),No Failure
Resistance to Humidity	△R/R≦ ±(2%+0.05Ω),No Failure
Humidity Loading	△R/R≦ ±5% for <100KΩ, ±10% for ≧100KΩ
Loading Life High Temp. Loading	△R/R≦ ±5% for <100KΩ, ±10% for ≧100KΩ
Resistance to Flame	No Failure