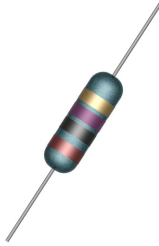


MG Series

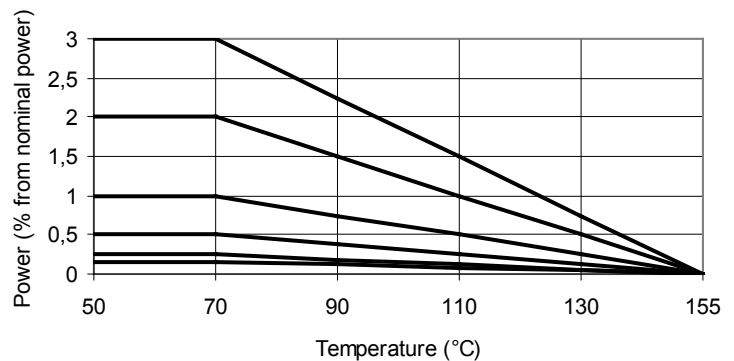
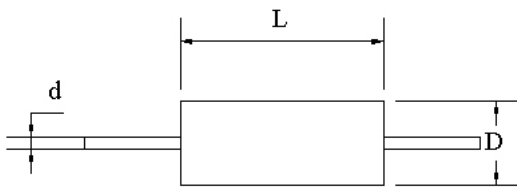
Film Resistors



- Resistances from 50kOhm to 2GOhms
- Power Rating to 3Watts
- Resistance Tolerances to $\pm 0.5\%$
- Max. working voltage to 10000V
- Convenient RN Type Package Styles

SPECIFICATIONS

Type	MG55	MG60	MG65	MG70
Resistance Range	50kOhms to 1GOhms			100kOhms to 2GOhms
Power rating (70°C)	0.25W	0.50W	1.0W	2.0W
Tolerances	0.5% / 1% / 5% / 10%			
Temperature Coefficient	50 / 100 / 200ppm/K			
Operating Voltage (Umax)	800V	1500V	3000V	6000V
Short Time Overload Voltage	1500V	3000V	6000V	10000V
Operating Temperature Range	-55 to 155°C			
Max. Resistance Change at rated power $\Delta R/R$ max after 1000h	$\leq 1.5\%$			
Insulation Resistance	$> 1G$			
Insulation Voltage	$> 500V$			
Dimensions in mm [inches]				
L	6.0 [0.24]	10.0 [0.39]	13 [0.51]	17.0 [0.67]
D	2.5 [0.1]	3.5 [0.14]	4.5 [0.18]	5.5 [0.22]
d	0.6 [0.024]	0.6 [0.024]	0.7 [0.027]	0.8 [0.031]
Tolerance	± 0.1 [0.003]	± 0.1 [0.003]	± 0.1 [0.003]	± 0.1 [0.003]



Ordering Information

Part Number - Resistance - Tolerance
MG55 100 kOhms 0.5%