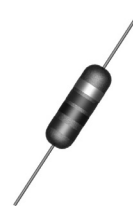


FEATURES

- Resistances from 1kOhm to 2GOhms
- Power Rating to 3Watts
- Resistance Tolerances to $\pm 0.5\%$
- Max. working voltage to 10000V
- Convenient RN Type Package Styles



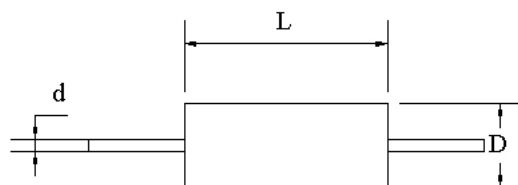
RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS

Type	MG55	MG60	MG65	MG70	MG75
Resistance Range	50kOhms to 1GOhms	1kOhms to 1GOhms		1kOhms to 2GOhms	
Power rating (70°C)	0.25W	0.50W	1.0W	2.0W	3.0W
Tolerances	0.5% / 1% / 5% / 10%				
Temperature Coefficient	50 / 100 / 200ppm/K				
Operating Voltage (Umax)	1600V	3500V	7000V	10000V	15000V
Short Time Overload Voltage	3200V	5000V	7000V	10000V	15000V
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	$> 500V$				

FIGURE 1 – DIMENSIONS

Type	MG55	MG60	MG65	MG70	MG75
Dimensions in mm [inches]					
L	6.0 [0.24]	10.0 [0.39]	13 [0.51]	17.0 [0.67]	26.0 [1 /02]
D	2.5 [0.1]	3.5 [0.14]	4.5 [0.18]	5.5 [0.22]	8.5 [0.33]
d	0.6 [0.024]	0.6 [0.024]	0.8 [0.031]	0.8 [0.031]	0.8 [0.031]
Tolerance	± 0.05 [0.002]	± 0.05 [0.002]	± 0.05 [0.002]	± 0.05 [0.002]	± 0.05 [0.002]



ORDERING INFORMATION

Part Number - Resistance - Tolerance

MG55 100 kOhms 0.5%

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