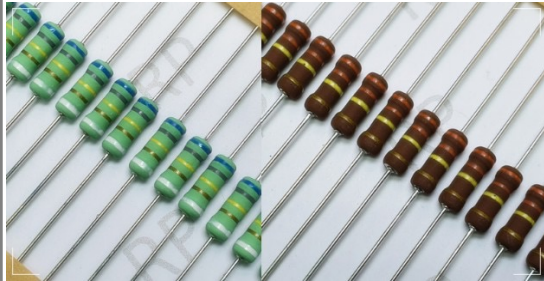
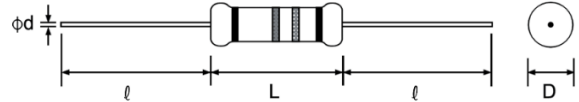


특징 FEATURES

- * Provide high stable performance against environmental conditions and over load voltage.
- * Wide resistance range (10K Ω ~500M Ω)



치수 DIMENSIONS



형명 Type	치수 Dimensions [mm]			
	D ± 0.5	L ± 1.0	d ± 0.05	l ± 3
MGR 1/4, MGRS 1/2	2.4	6	0.55	27
MGR 1/2, MGRS 1W	3.5	9	0.67	26
MGR 1W, MGRS 2W	4	11	0.67	28
MGR 2W, MGR 3W	5.5	15	0.77	28

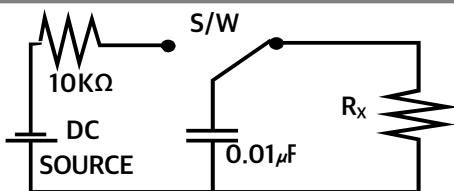
일반규격 GENERAL SPECIFICATIONS

Type	Rated Wattage	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Surge Test	Resistance Range(Ω)	Resistance Tolerance
MGR 1/4 MGRS 1/2	0.25W 0.5W	700V	1,000V	500V	10nF/2KV	10K~500M	$\pm 1.0\%$ (F) $\pm 2.0\%$ (G) $\pm 5.0\%$ (J) $\pm 10\%$ (K)
MGR 1/2 MGRS 1W	0.5W 1W	1,000V	1,500V		R < 560K : 10nF/5KV		
					R > 560K : 10nF/10KV		
MGR 1W MGRS 2W	1W 2W	1,500V 2,000V	2,000V 3,000V	1,000V	R < 560K : 10nF/5KV		
					R > 560K : 10nF/10KV		
					R < 560K : 10nF/5KV		
MGR 2W MGR 3W	2W 3W	3,000V	5,000V		R > 560K : 10nF/10KV		

특성 CHARACTERISTICS

항목 ITEM	성능 Performance
1. Temperatures Range	-55 $^{\circ}$ C ~ +155 $^{\circ}$ C
2. Temp. Coefficient	350ppm/ $^{\circ}$ C Maximum
3. Solder ability	95% Coverage minimum 260 $^{\circ}$ C for 3 seconds
4. Short Time Overload	$\pm[1.0\%]$ 2.5 $\times$ Power rating for 5 seconds
5. Load Life	$\pm[5.0\%]$ 25 $^{\circ}$ C, Power Rating, 1.5hours On, 30minutes off, 1000hours
6. Load Life in Humidity	$\pm[3.0\%]$ 40 $^{\circ}$ C, 90~95%RH, 0.1 $\times$ Power rating, 90minutes on, 30minutes off, 1000hours
7. Terminal Strength	Tensile : ≥ 2.5 kgf Direct Load for 10sec. In the direction off the terminal leads
8. Thermal Shock	$\pm[1.0\%]$ -55 $^{\circ}$ C[30minutes], 25 $^{\circ}$ C[5minutes], 125 $^{\circ}$ C[30minutes], 25 $^{\circ}$ C[30minutes], 5cycles

SURGE TEST



*Ten discharges from a 10nF capacitor charged to Vmax : 2.5sec on/off 5cycle

*No evidence of over, mechanical damage, arcing or insulation breakdown.

HOW TO ORDER

MGR	1W	J	100M	TB
1	2	3	4	5

1. Type
2. Rated Wattage
3. Tolerance
4. Resistance (1K1=1.1K Ω , 1M1=1.1M Ω)
5. Shape (TB:52mm, RT=Radial Taping, PS=Bulk)