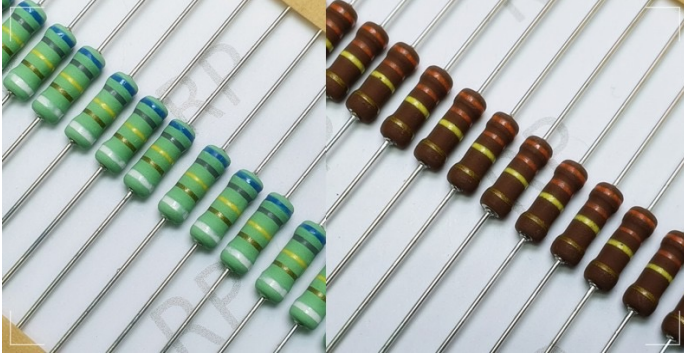
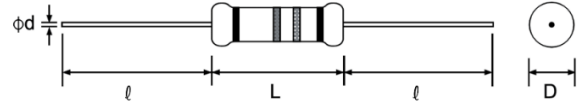


특징 FEATURES

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



치수 DIMENSIONS



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

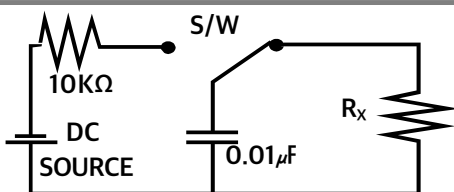
일반규격 GENERAL SPECIFICATIONS

Type	Rated Wattage	Max. Working Voltage	Insulation Resistance (V-block method)	Surge Test	Resistance Range	Resistance Tolerance
SGR 1/4	0.25W	500V	Min. 1000MΩ (350±50V DC during 1min)	R < 4K7: 1nF/2KV 4K7 ≤ R < 10K: 1nF/3KV	10Ω ~ 10KΩ	±1.0%(F) ±5.0%(J) ±10%(K)
SGR 1/2	0.5W	700V	Min. 1000MΩ (500±50V DC during 1min)	R < 4K7: 1nF/5KV 4K7 ≤ R < 10K: 1nF/6KV		
SGR 1W	1W	1,000V	Min. 10MΩ (1000±50V DC during 1min)	R < 10K : 10nF/7KV		
SGR 2W	2W	1,200V	Min. 10MΩ (1000±50V DC during 1min)	R < 10K : 10nF/10KV		

특성 CHARACTERISTICS

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

SGR	1W	J	10M	TB
1	2	3	4	5

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