

특징 FEATURES

- * Provide high stable performance against environmental conditions and over load voltage.
- * Wide resistance range (1MΩ ~ 1GΩ)

■ 치 수 DIMENSIONS

형 명 Type	치 수 Dimensions [mm]			
	D ± 0.5	L ± 1.0	d ± 0.05	l ± 3
MGRA 1/2W	3.5	9	0.67	26
MGRA 1W	4	11	0.67	28
MGRA 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
MGRA 1/2W	0.5W	8,000V	Min. 10MΩ (700±50V DC during 1min)	R > 1MΩ:10KV/10nF (2.5sec on/off 5cycle)	1MΩ~1GΩ	±1.0%(F) ±5.0%(J) ±10%(K)
MGRA 1W	1W	10,000V	Min. 10MΩ (1000±50V DC during 1min)			
MGRA 2W	2W	13,000V	Min. 10MΩ (1000±50V DC during 1min)			

특성 CHARACTERISTICS

항목 ITEM	성능 Performance
1. Temperatures Range	-55℃ ~ +155℃
2. Temp. Coefficient	200ppm/℃ Maximum
3. Solder ability	95% Coverage minimum 260℃ for 3 seconds
4. Short Time Overload	±[1.0%] 2.5× Power rating for 5 seconds
5. Load Life	±[5.0%] 25℃, Power Rating, 1.5hours On, 30minutes off, 1000hours
6. Load Life in Humidity	±[3.0%] 40℃, 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℃[30minutes], 25℃[5minutes], 125℃[30minutes], 25℃[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

MGRA	1W	J	100M	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)				