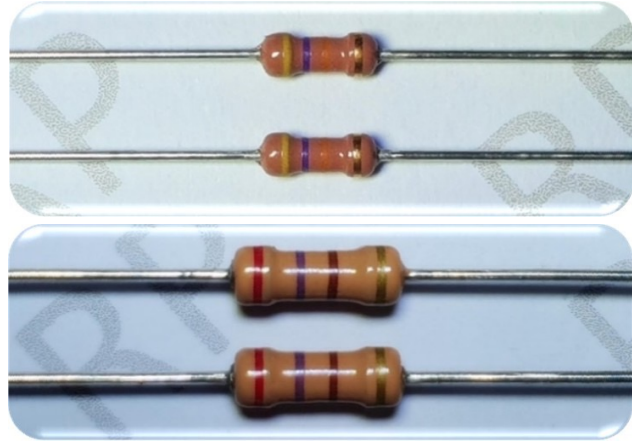
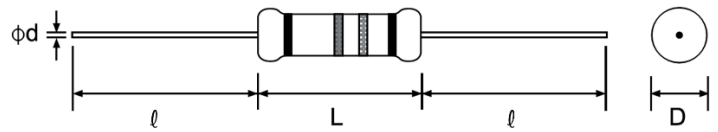




■ 치 수 DIMENSIONS

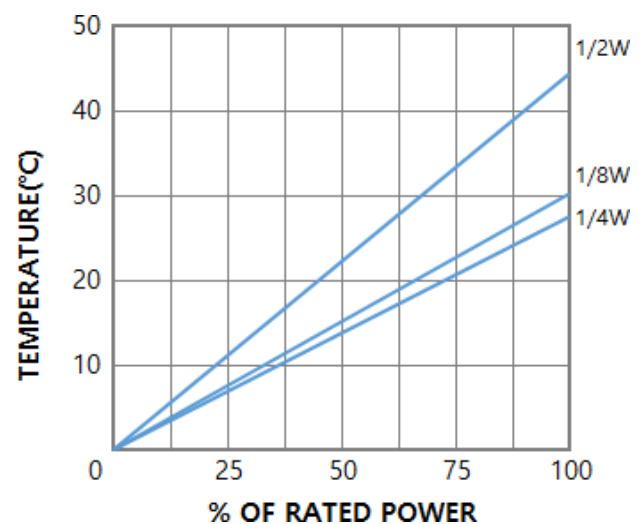
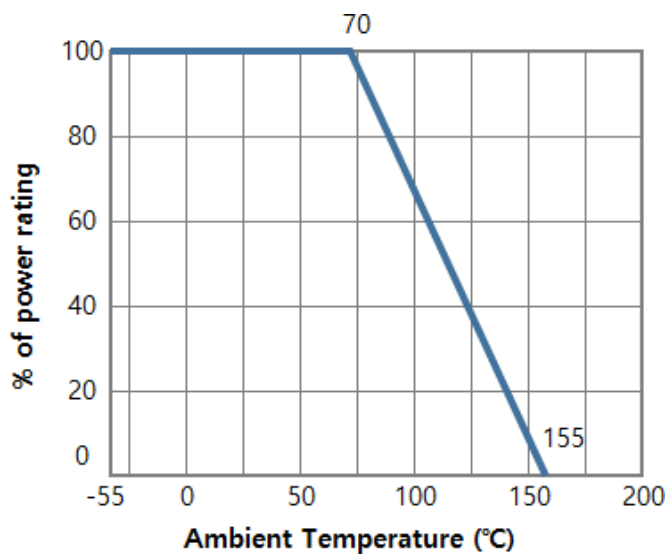


형 명 Type	치 수 Dimensions [mm]			
	D	L	d ± 0.05	l ± 2
RD 1/8W	1.8 ± 0.2	3.2 ± 0.2	0.45	28
RDS 1/4W				
RD 1/4W	2.4 ± 0.2	6.0 ± 0.5	0.55	27
RDS 1/2W				
RD 1/2W	3.2 ± 0.5	9.0 ± 1.0	0.67	26

■ 일반규격 GENERAL SPECIFICATIONS

형 명 Type	정격전력 Rated Wattage	최고사용전압 Max. Working Voltage	최고과부하전압 Max. Overload Voltage	내전압 Dielectric With Voltage	저항치범위 Resistance Range	저항치허용차 Resistance Tolerance
RD 1/8W	0.125W	150V	300V	300V	4.7 Ω ~10M Ω	$\pm 2\%$ (G) $\pm 5\%$ (J)
RDS 1/4W	0.25W	250V	500V	500V		
RD 1/4W	0.25W	250V	500V	500V		
RDS 1/2W	0.5W	300V	600V	600V		
RD 1/2W	0.5W	300V	600V	600V		

■ 전력경감곡선 DERATING CURVE & 온도상승곡선 TEMPERATURE RISE CURVE



■ 특 성 CHARACTERISTICS

항 목 ITEM	성능 Performance	시험방법 Test method
1. 사용온도범위 Operating Temp. Range	-55℃ ~ +155℃	-
2. 절연저항 Insulation Resistance	1000MΩ Min	DC500V, 1minute
3. 내전압 Dielectric Withstanding Voltage	±[0.1% + 0.05Ω]	500VAC for 1minute
4. 온도계수 Temperature coefficient	Max +350/-1200ppm/℃	$TCR = \frac{(R_2 - R_1) \times 10^6}{R_1 \times (t_2 - t_1)}$ $t_1: 25^\circ\text{C}, t_2: 125^\circ\text{C}$ $R_1: \Omega \text{ at } t_1, R_2: \Omega \text{ at } t_2$
5. 단시간과부하 Short Time Overload	±[1.0% + 0.05Ω]	2.5×Power rating 5seconds
6. 납내열성 Resistance against Soldering	±[2.0% + 0.05Ω]	260 ±5℃ for 10seconds
7. 내습부하수명 Load Life in Humidity	±[5.0% + 0.05Ω]	40℃, 90~95%RH, 0.1×Power rating, 90minutes on, 30minutes off, 1000hours
8. 부하수명 Load Life	±[5.0% + 0.05Ω]	25℃, Power rating 90minutes on, 30minutes off, 1000Hour

■ 주문방법 HOW TO ORDER

RD 1	1/2W 2	J 3	50K 4	TB 5
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1. 형명 Type (RD : Normal Size, RDS : Mini Size)
2. 정격전력 Rated Wattage
3. 허용오차 Tolerance
4. 저항치 Resistance (OR01=0.01, OR1=0.1, 1K1=1.1KΩ)
5. 2차 가공 Shape (TB:52mm, TC:64mm, RT=Radial Taping, PS=Bulk)