
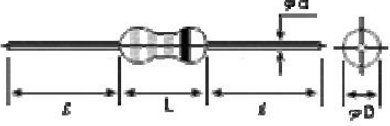


**RD** 탄소피막 고정저항기

**FIXED CARBON FILM RESISTORS (COAT-INSULATED)**



**■ 치 법 DIMENSIONS**



형 명 Type	치 법 Dimensions [mm]			
	L	D±0.2	d±0.05	ℓ±2
RD 1/8 RDS 1/4	3.2 ±0.2	1.8	0.45	29.0
RD 1/4 RDS 1/2	6.2 ±0.2	2.6	0.60	27.5
RD 1/2	9.0 ±0.5	3.3	0.70	26.0

**■ 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 1/8	0.125W	150V	300V	300V	10Ω ~ 4.7MΩ	±2(G)
RD 1/4	0.25W	300V	600V	500V	10Ω ~ 4.7MΩ	
RD 1/2	0.5W	350V	700V	700V	10Ω ~ 4.7MΩ	
RDS 1/4	0.25W	250V	500V	300V	10Ω ~ 4.7MΩ	±5(J)
RDS 1/2	0.5W	300V	600V	500V	10Ω ~ 4.7MΩ	

**■ 특 성 CHARACTERISTICS**

Test	Conditions
1. 사용온도범위 Operating Temp. Range	-55°C ~ +155°C
2. 온도계수 Temperature coefficient	±350 ~ ±1300ppm/°C
3. 단자강도 Terminal Strength	±[1.0% + 0.05Ω]
4. 내전압 Dielectric Withstanding Voltage	±[1.0% + 0.05Ω]
5. 단시간과부하 Short Time Overload	±[1.0% + 0.05Ω]
6. 내구성 Load Life	±[2.0% + 0.05Ω]
7. 내습성 Moisture Resistance	±[5.0% + 0.05Ω]

**■ 주문방법 HOW TO ORDER**

<u>RD</u>	<u>2W</u>	<u>51Ω</u>	<u>J</u>	<u>TP</u>
1	2	3	4	5

1. 형명 Type
2. 정격전력 Rated Wattage
3. 저항치 Resistance
4. 허용오차 Tolerance
5. 2 차가공 (TP= Taping & FM=Forming)

\*T.C.R. : R<,=10Ω ±350 ppm/°C , R> 10Ω ±1300ppm/°C

**■ DERATING CURVE & TEMPERATURE RISE CURVE**

