
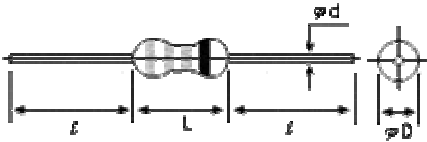


# RD

## FIXED CARBON FILM RESISTORS (COAT-INSULATED)



### DIMENSIONS



Type	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

### GENERAL SPECIFICATIONS

Type	Rated Wattage	Max. Working Voltage	Max. Overload Voltage	Dielectric With Voltage	Resistance Range	Resistance Tolerance
RD 1/8	0.125W	150V	300V	300V	10 ~ 4.7M	±2(G) ±5(J)
RD 1/4	0.25W	300V	600V	500V	10 ~ 4.7M	
RD 1/2	0.5W	350V	700V	700V	10 ~ 4.7M	
RDS 1/4	0.25W	250V	500V	300V	10 ~ 4.7M	
RDS 1/2	0.5W	300V	600V	500V	10 ~ 4.7M	

### CHARACTERISTICS

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

### HOW TO ORDER

RD      2W      51      J      TP  
 1          2          3          4          5

1. Type
2. Rated Wattage
3. Resistance
4. Tolerance
5. 2 가 (TP= Taping & FM=Forming)

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

### DERATING CURVE & TEMPERATURE RISE CURVE

