

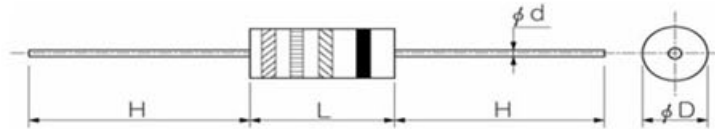
Carbon Composition Resistor(CCR)



CCR Features

1. Improved pulse endurance characteristics compared to carbon-film devices.
2. Wide resistance range is available, 2.2 ohm ~ 22M ohm.

Dimensions



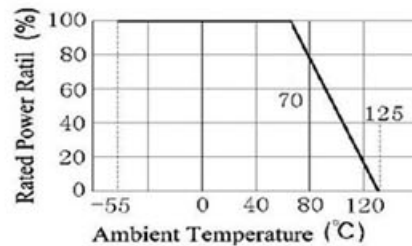
Style	L(mm)	φD(mm)	H (mm)	φd(mm)
1/4W	6.3±1	2.3±0.3	27±2	0.60±0.02
1/2 W	9.5± ^{0.5} _{1.5}	3.5±0.3	27±2	0.70±0.02
1 W	15± ^{1.5} _{0.5}	6.0±0.1	28±1	0.80±0.02
2W	18± ^{0.5} _{1.5}	8.0±0.1	27±1	1.0±0.02

Rated Value

Description	CCR -1/4W	CCR -1/2W	CCR -1W	CCR - 2W
Rated Power	1/4W	1/2W	1W	2W
Rated Voltage	$\sqrt{(\text{Rated Dissipation}) \times (\text{Rated Resistance})}$. (d.c. or a.c. r.m.s. Voltage)			
Maximum Voltage	250V	350V	500V	500V
Maximum Overload Voltage	400V	700V	1000V	1000V
Nominal Resistance	E12, E6	E12, E6	E12, E6	E12, E6
Tolerance	J, K, M	J, K, M	J, K, M	J, K, M
Resistance Range	2.2 Ω ~ 12M Ω	2.2 Ω ~ 22M Ω	2.2 Ω ~ 22K Ω	1.8 Ω ~ 10K Ω
Operating Temperature Range	-55 ~ +125°C	-55 ~ +125°C	-55 ~ +125°C	-55 ~ +125°C

Derating Curve

The derated values of dissipation for temperatures in excess of 70°C shall be indicated by the following Curve.



Note: All specifications subject to change without notice.