

Carbon Film Fixed Resistor

Axial Ledded



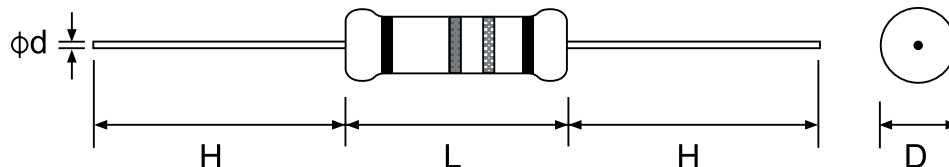
Features

- Automatically insertable
- High quality performance
- Non-Flame type available
- Cost effective and commonly used
- Too low or too high values can be supplied on case to case basis

Performance Specification

Temperature Coefficient	: $\leq 10\Omega$: $\pm 350\text{PPM}/^\circ\text{C}$
	11 Ω to 99k Ω	: 0 to $-450\text{PPM}/^\circ\text{C}$
	100k Ω to 1M Ω	: 0 to $-700\text{PPM}/^\circ\text{C}$
	1.1M Ω to 10M Ω	: 0 to $-1500\text{PPM}/^\circ\text{C}$
Short Time Overload	: $\pm(1\% + 0.05\Omega)\text{Max.}$ with no evidence of mechanical damage	
Insulation Resistance	: Min. 1,000M Ω	
Dielectric Withstanding Voltage	: No evidence of flashover, mechanical damage, arcing or insulation breakdown.	
Terminal Strength	: No evidence of mechanical damage.	
Resistance to Soldering Heat	: $\pm(1\% + 0.05\Omega)\text{Max.}$ with no evidence of mechanical damage.	
Solderability	: Min. 95% coverage	
Resistance to Solvent	: No deterioration of protective coating and markings	
Temperature Cycling	: $\pm(1\% + 0.05\Omega)\text{Max.}$ with no evidence of mechanical damage	
Load Life in Humidity	Normal Type	: <100k Ω : $\pm(3\% + 0.05\Omega)\text{Max.}$ $\geq 100\text{k}\Omega$: $\pm(5\% + 0.05\Omega)\text{Max.}$
	Non-Flame Type	: <100k Ω : $\pm(5\% + 0.05\Omega)\text{Max.}$ $\geq 100\text{k}\Omega$: $\pm(10\% + 0.05\Omega)\text{Max.}$
Load Life	Normal Type	: <56k Ω : $\pm(2\% + 0.05\Omega)\text{Max.}$ $\geq 56\text{k}\Omega$: $\pm(3\% + 0.05\Omega)\text{Max.}$
	Non-Flame Type	: <100k Ω : $\pm(5\% + 0.05\Omega)\text{Max.}$ $\geq 100\text{k}\Omega$: $\pm(10\% + 0.05\Omega)\text{Max.}$

Dimension



Tipo	L	D	H	d
R16	3.2 máx.	$1.8 \pm_{0.2}^{0.3}$	28 ± 1	0.5
R25	6.2 ± 0.5	$2.3 \pm_{0.2}^{0.3}$	28 ± 1	0.6
R50	6.5 ± 0.5	$2.3 \pm_{0.2}^{0.3}$	28 ± 1	0.6
R100	15 ± 0.5	6.0 ± 0.4	30 ± 3	0.8

Tipo	Potencia de disipación nominal	Tensión máxima de trabajo	Tensión de máxima de sobrecarga	Rango de resistencia		Gama de temperatura ambiente
				G=2%	J=5%	
R16	0.16w	250v	400v	10 \bar{W} - 220K	1 \bar{W} 10M \bar{W}	70°C
R25	0.25w	300v	600v	10 \bar{W} - 510K	1 \bar{W} 10M \bar{W}	
R50	0.50w	350v	700v	10 \bar{W} - 1M	1 \bar{W} 10M \bar{W}	
R100	1.0w	500v	1000v		1 \bar{W} 10M \bar{W}	

Referencia Física:

Resistores 1/4W



RC-1K/1/4

Resistores 1/2W



RC-1K/1/2

