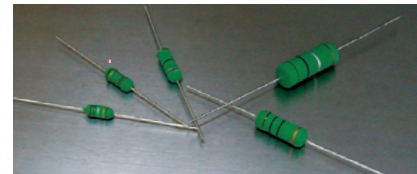


Feature

1. Suitable for all kinds of protection circuit
2. Non-flammable coating, could withstand High Temperature
3. Common resistor with additional safety function, no flame or smoke, no explosion or coating crack when fusing



Specification

Part No.	Type	Power Rating at 70°C	Dimension (mm)				Tolerance	Resistance Value Range
			D±1	L Max.	d±0.05	H±3		
KFR01W	KFR-100	1W	5	10	0.65	28	±5%	0.1Ω~68Ω
KFR02W	KFR-200	2W	5	12	0.65	28		
KFR03W	KFR-300	3W	5.5	16	0.75	28		

too low or too high ohmic value could be provided on a case to case basis

Fusing Characteristics

Fusing tme could be designed according to customer's circuit Spec.

The following are necessary information must be provided for any Fusing time Spec. request:

1. Working ambient temperature & Working voltage
2. The Rated Power or Current
3. Requested Fusing Power or Current
4. Resistance Value & Tolerance
5. The requirement of the Resistor Body Size
6. The Wave of Voltage & the Frequency
7. Other general condition in circuit

Performance Specification

Temperature coefficient	±300PPM/°C
Short-time overload	$\Delta R/R \leq \pm(2\% \pm 0.05\Omega)$, with no evidence of mechanical damage
Dielectric withstanding voltage	500V
Terminal strength	No evidence of mechanical damage
Resistance to soldering heat	$\Delta R/R \leq \pm(1\% \pm 0.05\Omega)$, with no evidence of mechanical damage
Solderability	Min. 95% coverage
Load life in humidity	$\Delta R/R \leq \pm(5\% \pm 0.05\Omega)$, with no evidence of mechanical damage
Load life	$\Delta R/R \leq \pm(5\% \pm 0.05\Omega)$, with no evidence of mechanical damage

Ordering Procedure (Example: KFR 1W 5% 10Ω T/B-1000)

