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.	Туре	Power Rating Lat 70°C	Dimension (mm)					
			D±1	L Max.	d±0.05	H±3	Tolerance	Resistance Value Range
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 $\pm 300PPM/^{\circ}C$

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 $\Delta R/R \le \pm (5\% \pm 0.05\Omega)$, with no evidence of

mechanical damage

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

