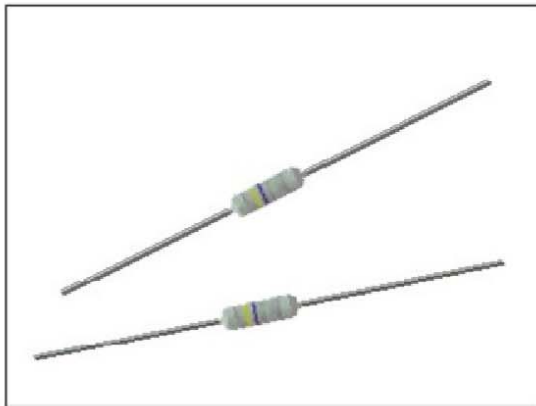
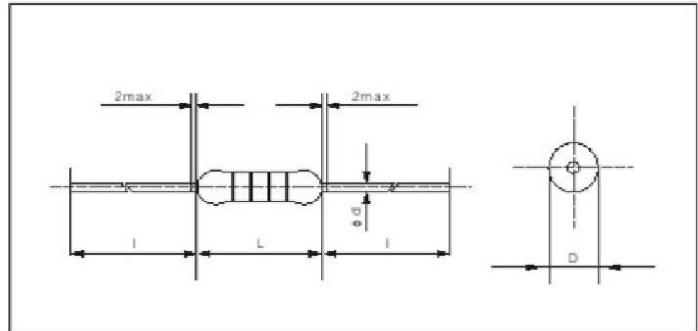


RXF21A/B/C(FRT) wire-wound fuse resistors



Construction(mm)



Features

- Perfect surge-proof
- Resistance fusing instantaneously when short-circuit
- UL, CUL, VDE, CQC approved
- Grey flame-retardant coating, color marking, provide blistertape and lead forming(optional)

Dimensions(mm)

| Type | Lmax | Dmax | d±0.05 | l±3 |
|---------------------|------|------|--------|------|
| RXF21(A/B)-1W(1/2W) | 10.5 | 3.9 | 0.7 | 25.0 |
| RXF21(A/B)-2W(1W) | 14.0 | 5.5 | 0.8 | 33.0 |
| RXF21(A/B)-3W(2W) | 17.0 | 6.5 | 0.8 | 32.0 |
| RXF21(C)-1755 | 7.0 | 2.7 | 0.6 | 25 |
| RXF21(C)-2070 | 9.5 | 3.5 | 0.7 | 25 |
| RXF21(C)-2580 | 10.5 | 3.9 | 0.7 | 25 |
| RXF21(C)-3011 | 14.0 | 5.0 | 0.8 | 33 |

Applications

- Special for energy saving lamp
- Special for chargers

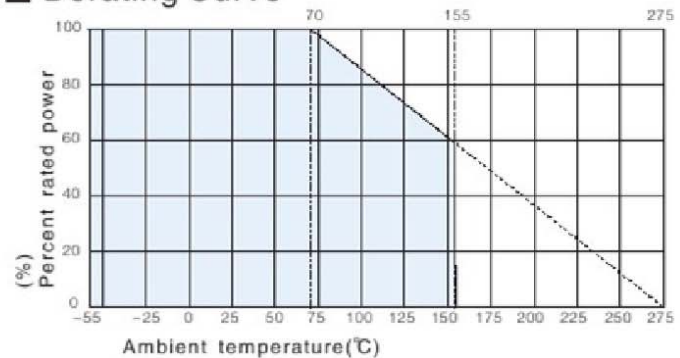
(RXF21C) Fusing time

| Rated Current | Fusing Time |
|---------------|-------------|
| 100% | 4hours Min |
| 200% | 60Secs Max |

Reference Standards

Q/ATK 034-2001

Derating Curve



Performance(RXF21-A/B)

| Test Item | Specifications | Test Method |
|-----------------------------|--------------------------------------|---|
| Short time overload | $\Delta R \leq \pm(2\%R+0.05\Omega)$ | 10V _a , 5S |
| Rapid change of temperature | $\Delta R \leq \pm(1\%R+0.05\Omega)$ | -55°C/275°C, 30min 5cycles |
| Resistance to sold heat | $\Delta R \leq \pm(1\%R+0.05\Omega)$ | 350±10°C, 3.5±0.5S |
| Climatic category | $\Delta R \leq \pm(5\%R+0.1\Omega)$ | 125°C, 16h/55°C, RH93±3%, 24h/ -55°C, 2h/8.5kpa, 15~35°C, 1h |
| Endurance at 70°C | $\Delta R \leq \pm(5\%R+0.1\Omega)$ | 70±2°C, P _a , 1000h |

RXF21A/B/C(FRT) wire-wound fuse resistors



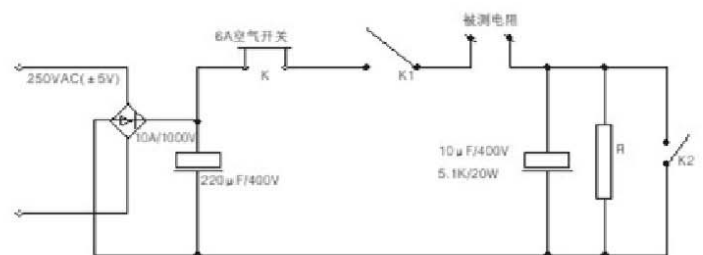
Technical Specifications

| Type | Rated Power | Resistance Range | Tolerances | Rating Ambient Temp | Operating Temp. Range |
|---------------------|-------------|------------------|---------------|---------------------|-----------------------|
| RXF21(A/B)-1W(1/2W) | 1W(1/2W) | 0.1Ω~120Ω | ± 5% ± 10% | 70℃ | -55℃~155℃ |
| RXF21(A/B)-2W(1W) | 2W(1W) | 0.1Ω~120Ω | | | |
| RXF21(A/B)-3W(2W) | 3W(2W) | 0.2Ω~470Ω | | | |

| Type | Rated Voltage | Rated Current |
|---------------|---------------|---------------|
| RXF21(C)-1755 | 250V | 0.5A~3.15A |
| RXF21(C)-2070 | 250V | 0.5A~4A |
| RXF21(C)-2580 | 250V | 0.5A~5A |
| RXF21(C)-3011 | 250V | 0.5A~5A |

Shockproof Property

As show in chart, close air switch K, cut K2, the resistance will remain after on/off 30 times.



Short Circuit Fusing Characteristic(RXF21-A)

As show , close K, K1, K2, experimental part will fuse immediately, 6A air switch K will not disconnection.

Surge Proof Characteristic(RXF21-B)

The experimental resistor connect into the suitable battery charge, exert the 1000V~3000V voltage to the battery according to IEC 10000-4-5, after experiment, the resistance will not be open.

How To Order

Example

| | | | | | |
|-------|------------------|------------------------|---------------|---------------|-------------|
| RXF21 | A | 0.5W | 100R | ± 5% | Bag |
| Type | Style | Power | Nominal Value | Toleracne | Packaging |
| RXF21 | A B C D | 0.5W 1W 2W 3W | 100R | ± 5% ± 10% | Bag Tape |

Custom produces available if required.