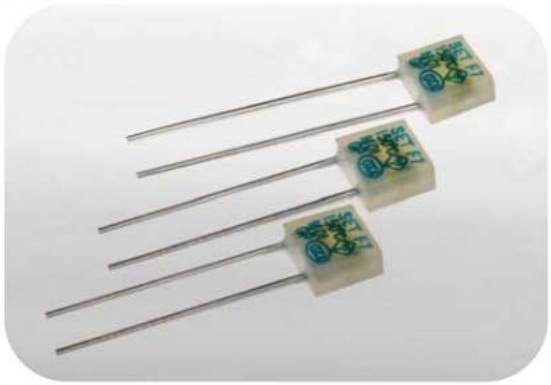
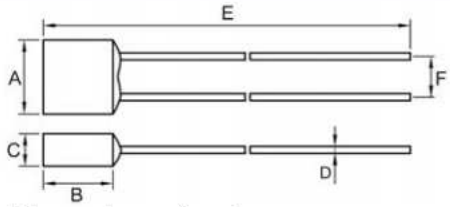
# Thermal-links/Thermal cutoff/Thermal fuse

**F Series Ir : 1A**






Dimensions (mm)

| A | B | C | D(Φ) | E | F* |
|---|---|---|---|---|---|
| 5.2±0.5 | 4.1±0.5 | 2.3±0.2 | 0.50±0.05 | 60±3 | 3.2±0.5 |

Note: The dimension F is measured from the root of leadwires.

## Key Features

- Plastic case
- One-time over temperature protection
- Alloy type Thermal-link
- Environmental-friendly products

## Applications

- Motor
- Battery
- Transformer
- Power supplies
- Lamps and lanterns
- Home electrical appliances

## Customized

Other temperatures can be customized such as:85℃,90℃,92℃, 95℃,97℃, 100℃,103℃,108℃, 117℃,120℃, 127℃,And etc.

The length of leadwires can be customized as required.

## Packing Information

QTY:50Kpcs/Carton

Carton Size: 4cm×30cm×26cm .

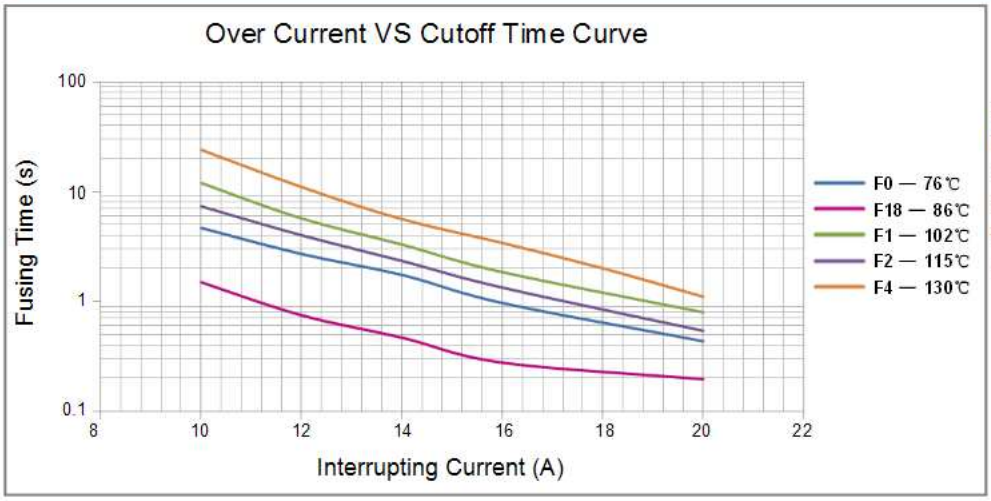
## Specifications

| Model | Tf (℃) | Fuse-Temp (℃) | Th (℃) | Tm (℃) | Ir (A) | Ur (VAC) | UL | cUL | PSE | VDE | TUV | CCC | KTL | RoHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F0 | 76 | 73±2 | 53 | 200 | 1 | 250 | ● | ● | ● | | | ● | | ● |
| F18 | 86 | 81±2 | 61 | 200 | 1 | 250 | ● | ● | ● | | | ● | | ● |
| F1 | 102 | 98±2 | 79 | 200 | 1 | 250 | ● | ● | ● | ● | ● | ● | ● | ● |
| F2 | 115 | 111±2 | 91 | 200 | 1 | 250 | ● | ● | ● | ● | ● | ● | ● | ● |
| F3 | 125 | 121±2 | 100 | 200 | 1 | 250 | ● | ● | ● | ● | ● | ● | ● | ● |
| F4 | 130 | 125±2 | 106 | 200 | 1 | 250 | ● | ● | ● | ● | ● | ● | ● | ● |
| F8 | 133 | 130±2 | 111 | 200 | 1 | 250 | ● | ● | ● | ● | | ● | ● | ● |
| F6 | 145 | 140±2 | 121 | 200 | 1 | 250 | ● | ● | ● | | | | | ● |
| F7 | 150 | 145±2 | 126 | 200 | 1 | 250 | ● | ● | ● | ● | ● | ● | ● | ● |
| F16 | 160 | 154±2 | 135 | 200 | 1 | 250 | | | ● | | | ● | | ● |

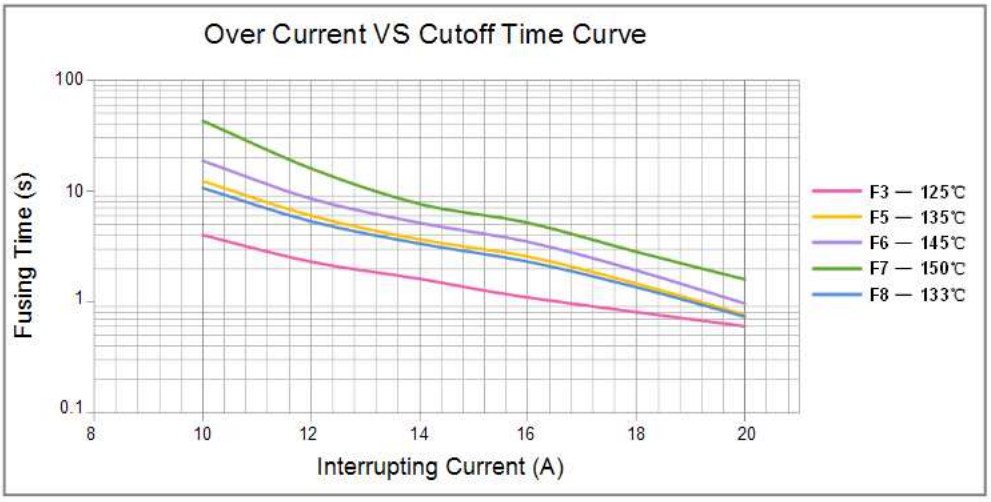
## Agency Approvals

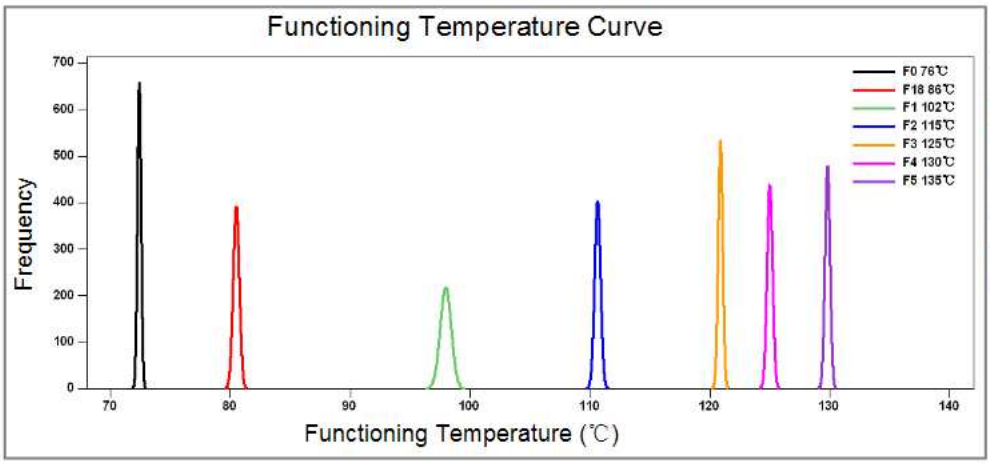
- UL/cUL：E214712
- VDE：40004041
- TUV：R50161758
- PSE：09020139/40/41/42/43/44
- CCC：2009010205346076
- KTL：SU05023-6002A/6003B
- RoHS & REACH Compliant

## Performance Curve

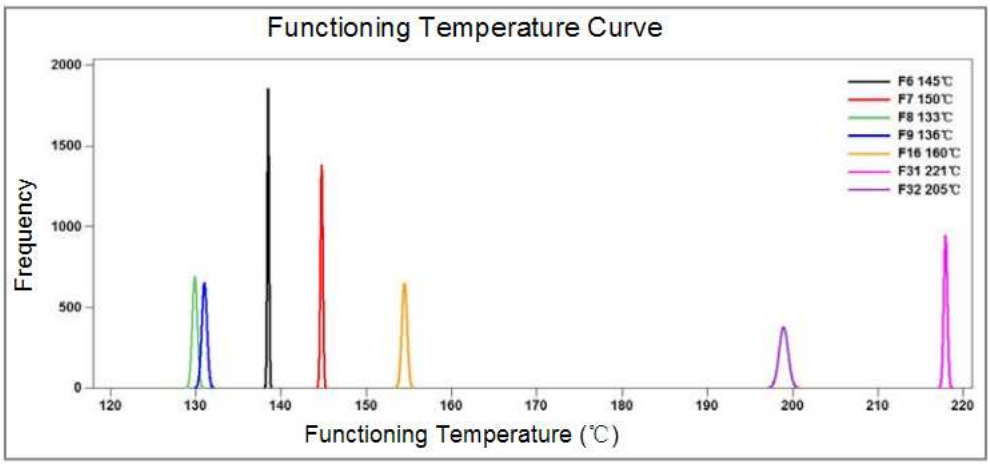



This is an illustrated curve for the model F series, describing the open time VS Multi-times rated current in the condition of the room temperature 25℃.
(This curve is for reference only)




This is an illustrated curve for the model F series, The temperature is measured with silicone oil bath of which temperature is increased at the rate of 0.5℃~1℃/ min, with a detection current up to 10mA as the only load.
(This curve is for reference only)




Frequency: Concentration ratio of real opening temperature measured in the preset conditions.