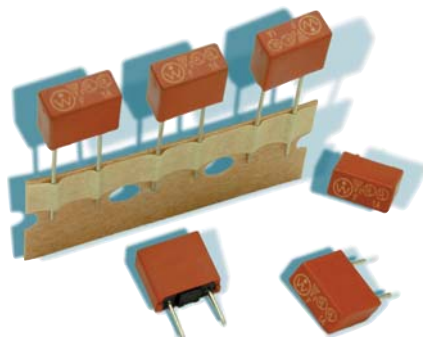
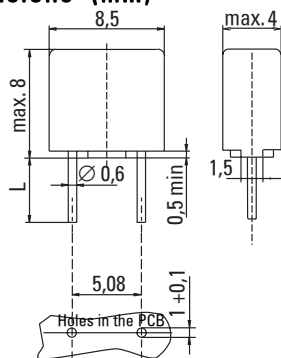


## No. 950



### Dimensions (mm)



Long Leads (L=18.8 mm)

### Limits for Pre-arcing Time

| Rated Current | $1.5 \times I_N$ | $2.1 \times I_N$ |
|---------------|------------------|------------------|
| 1.6 A         | > 1 h            | < 200 s          |

## 250 V, T Lead Free

### Time-Current Characteristics

Time-Lag (T)

### Standard

according to IEC 60127-3/IV

### Features

Lead Free  
High pulse load  
Reduced PCB space requirements  
Direct solderable or plug-in versions  
Low internal resistance  
Shocksafe casing  
Vibration resistant  
Halogen free

## Specifications

### Packaging

000: Tape/Ammopack (1400 pcs.)

### Materials

Base/Cap: Brown Thermoplastic  
Polyamide PA 6.6, UL 94 V-0  
Round Pins: Copper, Sn plated

### Operating Temperature

-40 °C to +85 °C (consider de-rating)

### Climatic Category

-40 °C/+85 °C/21 days (EN 60068-1,-2-1,-2-2,-78)

### Stock Conditions

+10 °C to +60 °C  
relative humidity ≤ 75 % yearly average,  
without dew, maximum value for 30 days-95 %

### Vibration Resistance

24 cycles at 15 min. each (EN 60068-2-6)  
10 - 60 Hz at 0.75 mm amplitude  
60 - 2000 Hz at 10 g acceleration

### Lead Pull Strength

10 N (EN 60068-2-21)

### Solderability

260 °C, ≤ 3 s (Wave)  
350 °C, ≤ 3 s (Soldering iron)

### Soldering Heat Resistance

260 °C, 10 s (IEC 60068-2-20)

### Marking

Ⓢ, 950, T, Current Rating

### Unit Weight

0.60 g (approx.)



Permissible continuous operating current is ≤ 100 % at ambient temperature of 23 °C (73.4 °F).

| Rated current | Amp Code | Voltage Rating | Breaking Capacity | Voltage Drop<br>$1.0 \times I_N$ Ⓢ<br>max. (mV) | Power Dissipation<br>$1.0 \times I_N$ Ⓢ<br>max. (mW) | Cold Resistance<br>$0.1 \times I_N$<br>typ. (mΩ) | Melting Integral<br>$10 \times I_N$ Ⓢ<br>min. (A²s) |
|---------------|----------|----------------|-------------------|-------------------------------------------------|------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------|
| 1.60 A        | 1160     | 250 V          | 50A/250 V AC      | 95                                              | 155                                                  | 41                                               | 40                                                  |

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

### Order Information

| Qty. | Order-Number | Series | Amp Code | Packaging |
|------|--------------|--------|----------|-----------|
|      |              | 950    |          |           |

Specifications are subject to change without notice

# No. 950

Time/Current Curve

