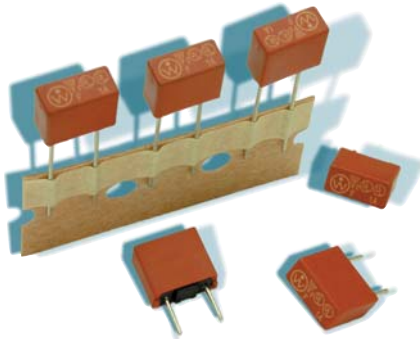


# No. 950



## 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)

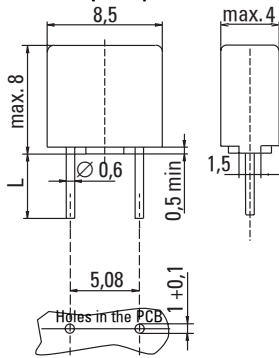
### Marking

Ⓢ, 950, T, Current Rating

### Unit Weight

0.60 g (approx.)

### Dimensions (mm)



Long Leads (L=18.8 mm)

### Limits for Pre-arcing Time

Rated Current	1.5 x I <sub>N</sub>	2.1 x I <sub>N</sub>
1.6 A	> 1 h	< 200 s



### 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 1.0 x I <sub>N</sub> Ⓢ max. (mV)	Power Dissipation 1.0 x I <sub>N</sub> Ⓢ max. (mW)	Cold Resistance 0.1 x I <sub>N</sub> typ. (mΩ)	Melting Integral 10 x I <sub>N</sub> Ⓢ min. (A <sup>2</sup> s)
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

