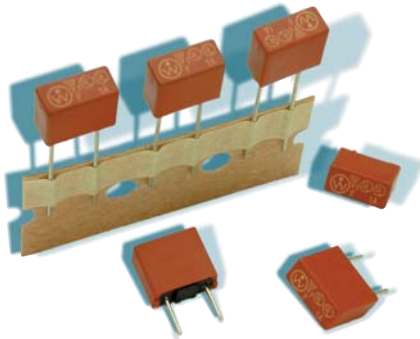


No. 950



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)

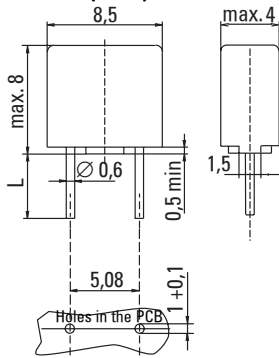
Marking

Ⓢ, 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 _N | 2.1 x I _N |
| 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 _N Ⓢ max. (mV) | Power Dissipation 1.0 x I _N Ⓢ max. (mW) | Cold Resistance 0.1 x I _N typ. (mΩ) | Melting Integral 10 x I _N Ⓢ min. (A ² 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

