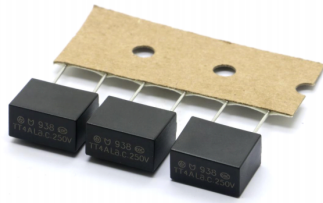
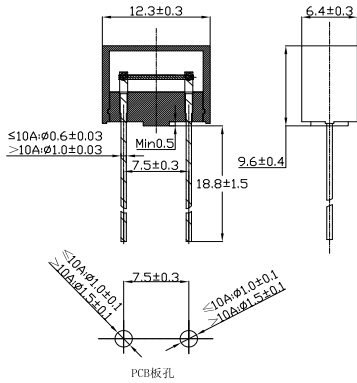


938 Box Fuse



Dimensions (unit:mm)



Conventional products are braided products, and refer to EPS specification for details.

Main Characteristics

Box fuse; Super Time-Lag (TT) Standard

IEC 60127

Materials

Fuse body: Thermoplastic

Lead: Tin plated copper

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C

Relative humidity: ≤75% yearly average without dew, maximum 30 days at 95%

Vibration Resistance

24 cycles at 15 min. each (60068-6)

10-60Hz at 0.75mm amplitude

60-2000Hz at 10g acceleration

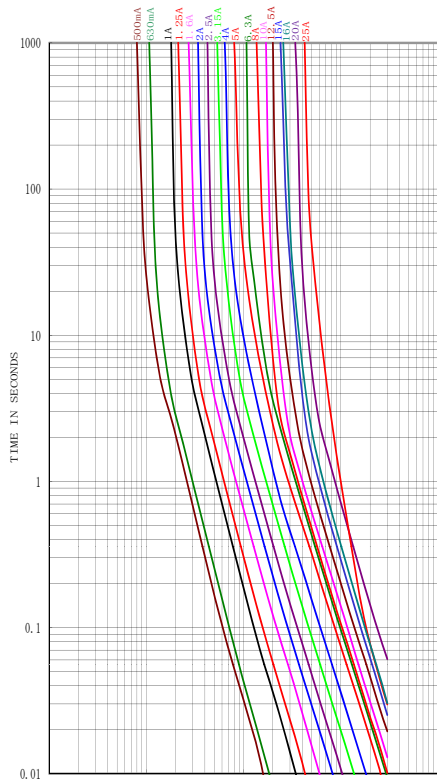
Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.



Time vs Current Characteristics: IEC60127

| Rated Current | 125% | 200% | 275% | 400% | 1000% |
|---------------|------|-------|-----------|----------|----------|
| 0.5A~10A | >1h | <120s | / | / | 100ms~1s |
| 12A~20A | >1h | <120s | 750ms~80s | 150ms~5s | 100ms~1s |
| 25A | >1h | <120s | / | / | <1s |



Electrical Characteristics at 25°C

| Amp Code | Rated Current | Rated Voltage | Voltage Drop Max(mV) | Power Dissipation Max(mW) | Breaking Capacity | Typical Cold Resistance (mΩ) | Melting I²T (A²s) | Approvals | | |
|----------|---------------|--|----------------------|---------------------------|--|------------------------------|-------------------|-----------|------|-----|
| | | | | | | | | cURus | CQC | TUV |
| 0500 | 500mA | 125V AC 250V AC 300V AC 400V AC | 600 | 500 | 300A@125V AC 300A@250V AC 300A@300V AC 300A@400V AC | 270 | 4.15 | • | • | • |
| 0630 | 630mA | | 500 | 500 | | 261 | 5.49 | • | • | • |
| 1100 | 1.00A | | 400 | 500 | | 148 | 18.6 | • | • | • |
| 1125 | 1.25A | | 300 | 1000 | | 109 | 27.0 | • | • | • |
| 1160 | 1.60A | | 300 | 1000 | | 74.19 | 52.6 | • | • | • |
| 1200 | 2.00A | | 300 | 1000 | | 50.6 | 89.7 | • | • | • |
| 1250 | 2.50A | | 300 | 1200 | | 35.05 | 137 | • | • | • |
| 1315 | 3.15A | | 300 | 1500 | | 26.08 | 237 | • | • | • |
| 1400 | 4.00A | | 300 | 2000 | | 19.5 | 400 | • | • | • |
| 1500 | 5.00A | | 300 | 2500 | | 14.4 | 800 | • | • | • |
| 1630 | 6.30A | | 300 | 3000 | | 11.75 | 1027 | • | • | • |
| 1800 | 8.00A | | 220 | 3000 | | 8.55 | 1087 | • | • | • |
| 2100 | 10.00A | | 220 | 3500 | | 5.82 | 1399 | • | • | • |
| 2125 | 12.50A | | 220 | 4000 | | 4.16 | 1919 | • | • | • |
| 2150 | 15.00A | | 220 | 4000 | | 3.01 | 2596 | • | ○ | • |
| 2160 | 16.00A | | 220 | 4000 | | 2.72 | 3205 | • | • | • |
| 2200 | 20.00A | | 220 | 4000 | | 2.23 | 6413 | • | • | • |
| 2250 | 25.00A | | 125V AC 250V AC | 220 | | 4000 | 300A@125V/250V AC | 1.42 | 2812 | • |

- Notes:**
1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
 2. For certification, ○ means pending
 3. The current values used for calculating I²T should be within the standard range of 10In

Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 938 | | | |