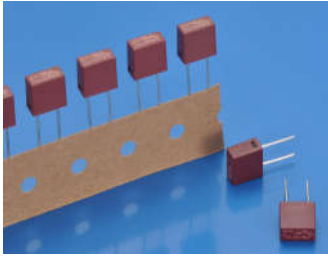


932 Box Subminiature Fuse



Main Characteristics

Box subminiature fuse; Time-Lag (T)

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

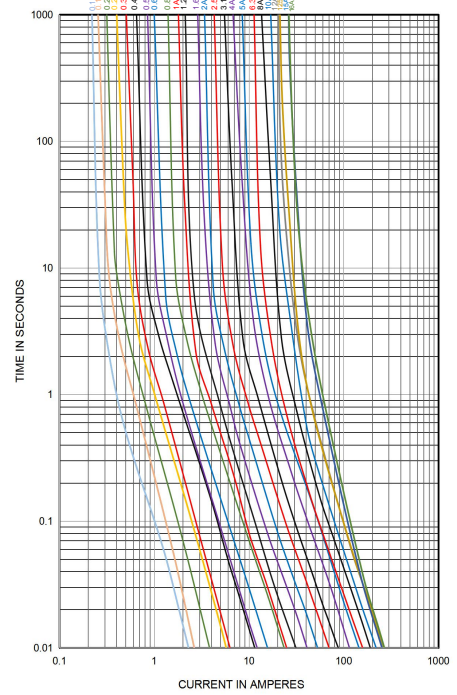
260°C. ≤5 sec (Wave Soldering)

350°C. ≤3 sec (Hand Soldering)

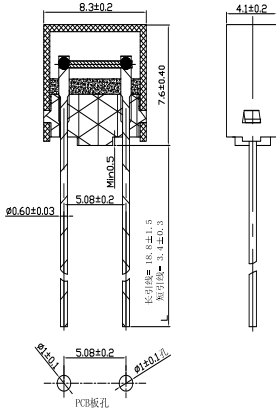
Soldering Peak:

260°C. 10 sec. (IEC 60068-20)

Average Current Curve(I-T Curve)



Dimensions (unit:mm)



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

| Time vs Current Characteristics:IEC60127 | | | | | |
|--|------|-------|-----------|----------|------------|
| Rated Current | 150% | 210% | 275% | 400% | 1000% |
| 100mA~6.3A | >1h | <2min | 400ms~10s | 150ms~3s | 20ms~150ms |
| 8A~10A | >1h | <300s | 1s~20s | 150ms~3s | 20ms~150ms |
| 12A~16A | >1h | <300s | 1s~50s | 150ms~5s | 20ms~150ms |



| Electrical Characteristics at 25°C | | | | | | | | Approvals | | | | | | | | | |
|------------------------------------|---------------|--|----------------------|----------------------------|------------------------------|---|---|-----------|-----|-----|-----|-----|----|----------|----------|-----|-------|
| Amp Code | Rated Current | Rated Voltage | Voltage Drop Max(mV) | Max Power Dissipation (mW) | Typical Cold Resistance (mΩ) | Nominal Melting I ² T (A ² sec) | Breaking Capacity | cURus | VDE | CCC | CQC | PSE | KC | TUV 250V | TUV 300V | BSI | SEMKO |
| 0125 | 125mA | 125V AC 250VAC 300VAC 400V AC | 300 | 180 | 1500 | 0.053 | 100A@125V AC 100A@250V AC 50A or10In 300V AC 160A@125V/250V AC 100A@277V/300V/400V AC | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0160 | 160mA | | 280 | 190 | 1290 | 0.073 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0200 | 200mA | | 260 | 200 | 796 | 0.170 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0250 | 250mA | | 240 | 220 | 540 | 0.320 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0315 | 315mA | | 220 | 250 | 380 | 0.450 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0400 | 400mA | | 200 | 280 | 245 | 1.32 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0500 | 500mA | | 190 | 310 | 185 | 1.76 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0630 | 630mA | | 180 | 360 | 130 | 3.40 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 0800 | 800mA | | 160 | 430 | 120 | 3.60 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1100 | 1.00A | | 140 | 500 | 95 | 6.80 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1125 | 1.25A | | 130 | 600 | 69.8 | 14.5 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1160 | 1.60A | | 120 | 730 | 46.5 | 22.0 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1200 | 2.00A | | 100 | 870 | 34.8 | 37.0 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1250 | 2.50A | | 100 | 1000 | 26.3 | 56.2 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1315 | 3.15A | | 100 | 1200 | 22.0 | 108 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1400 | 4.00A | | 100 | 1400 | 14.6 | 156 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1500 | 5.00A | | 100 | 1400 | 11.5 | 275 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1630 | 6.30A | | 100 | 1400 | 8.80 | 272 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 1800 | 8.00A | | 100 | 1400 | 6.00 | 410 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 2100 | 10.00A | | 100 | 1400 | 4.60 | 486 | | • | ○ | • | ○ | ○ | ○ | • | • | ○ | ○ |
| 2120 | 12.00A | 180 | 4000 | 3.50 | 646 | • | ○ | ○ | ○ | ○ | ○ | • | • | ○ | ○ | | |
| 2125 | 12.50A | 180 | 4000 | 3.60 | 706 | • | ○ | ○ | ○ | ○ | ○ | • | • | ○ | ○ | | |
| 2150 | 15.00A | 140 | 4000 | 2.70 | 635 | • | ○ | ○ | ○ | ○ | ○ | • | • | ○ | ○ | | |
| 2160 | 16.00A | 140 | 4000 | 2.60 | 706 | • | ○ | ○ | ○ | ○ | ○ | • | • | ○ | ○ | | |

- Notes:**
1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
 2. For certification, the cURus by 125/250/277V/300V/400V, the TUV by 250/300V; the CQC 500mA~10A by 300V, 12.5A; 16A by 250V, the others by 250V.
 3. The current values used for calculating I²T should be within the standard range of 8ms ~ 10ms.

Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 932 | | | |



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SC 32C National Technical Committee Member of China
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Intertek ISO 14001 Certified Company
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