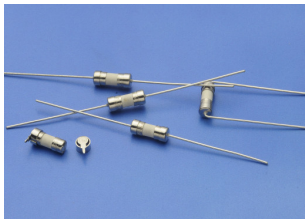
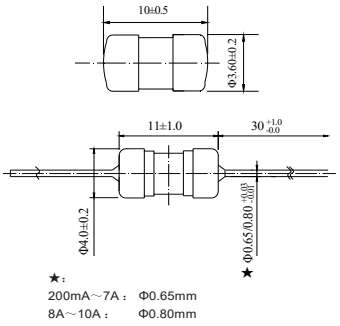
# 334 Subminiature Cartridge Fuse



Dimensions (unit: mm)




## Main Characteristics

Subminiature cartridge fuse; Time-Lag (T)

## Standard

IEC-60127-3/IV

## Materials

Tube: Ceramic Tube
End Caps: Nickel plated brass
Axial Leads: Nickel plated caps
Tin plated copper wires

## Operating Temperature

-55℃ to +125℃

## Storage Conditions

+10℃ to +60℃
Relative humidity:≤75% yearly average
Without dew, maximum 30 days at 95%

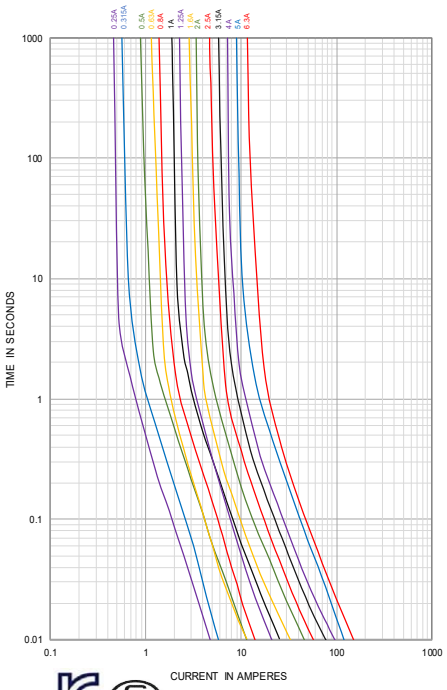
## Vibration Resistance

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

## Soldering Parameters

260℃.≤5 sec (Wave Soldering)
350℃.≤3 sec (Hand Soldering)
Soldering Peak:
260℃. 10 sec. (IEC 60068-20)

Average Time Current(I-T Curve)




| Time vs Current Characteristics: IEC-60127-3/Ⅳ | | | | | |
|---|---|---|---|---|---|
| Rated current | 150% | 210% | 275% | 400% | 1000% |
| 200mA~6.3A | >1h | <2min | 400ms~10s | 150ms~3s | 20ms~150ms |
| 8A~10A | >1h | <5min | 1s~20s | 150ms~3s | 20ms~150ms |

**Electrical Characteristics at 25℃**

| Amp | Ratede Current | Ratede Voltage | Max Voltage Drop(mV) | Max.Power Dissipation (mW) | Typical Cold Resistance (mΩ) | Nominal Melting I²t(A²sec) | Breaking Capacity | Approvals | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | cULus | cURus | VDE | CCC | TUV | PSE | KC | SEMKO |
| 0200 | 200mA | 250V AC | 260 | 200 | 860 | 0.130 | 50A@125V AC 35A or 10In@250V AC | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ |
| 0250 | 250mA | | 240 | 220 | 600 | 0.221 | | ● | ● | ○ | ● | ● | ○ | ○ | ○ |
| 0315 | 315mA | | 220 | 250 | 430 | 0.336 | | ● | ● | ○ | ○ | ● | ○ | ○ | ○ |
| 0500 | 500mA | | 190 | 310 | 250 | 1.00 | | ● | ● | ● | ● | ○ | ○ | ○ | ○ |
| 0630 | 630mA | | 180 | 360 | 154.5 | 1.35 | | ● | ● | ● | ● | ○ | ○ | ○ | ○ |
| 0750 | 750mA | | 170 | 430 | 154.5 | 1.82 | | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 0800 | 800mA | | 160 | 430 | 113 | 1.56 | | ● | ● | ● | ● | ○ | ○ | ○ | ○ |
| 1100 | 1.00A | | 140 | 500 | 80.0 | 6.50 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1125 | 1.25A | | 130 | 600 | 56.0 | 4.62 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1150 | 1.50A | | 120 | 730 | 43.0 | 10.6 | | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 1160 | 1.60A | | 120 | 730 | 41.0 | 10.9 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1200 | 2.00A | | 100 | 870 | 38.0 | 20.3 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1250 | 2.50A | | 100 | 1000 | 28.0 | 32.5 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1300 | 3.00A | | 100 | 1200 | 17.0 | 59.3 | | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 1315 | 3.15A | | 100 | 1200 | 18.4 | 63.0 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1400 | 4.00A | | 100 | 1400 | 13.5 | 94.1 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1500 | 5.00A | | 100 | 1400 | 10.3 | 121 | | ● | ● | ● | ● | ○ | ● | ● | ● |
| 1630 | 6.30A | | 100 | 1400 | 8.50 | 225 | | ● | ● | ○ | ● | ● | ○ | ○ | ○ |
| 1700 | 7.00A | | 100 | 1400 | 7.90 | 110 | 50A@125V AC 50A@250V AC | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 1800 | 8.00A | | 100 | 1400 | 6.40 | 121 | | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| 2100 | 10.00A | | 100 | 1400 | 3.95 | 196 | | ● | ● | ○ | ● | ○ | ○ | ○ | ○ |

**Note**: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
(2) The cULus and cURus certification by 125V and 250V; the others certification 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 |
|---|---|---|---|
| 334 | | | |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National High-tech Enterprise
SC 32C National Technical Committe Member of China
Intertek ISO 9001 Certificated Company
Intertek ISO 14001 Certificated Company
Intertek QC 080000 Certificated Company
NQA IATF 16949 Certificated Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系