



692 Miniature cartridge Fuse



Main Characteristics
Miniature cartridge fuse; Fast-Acting(F)

Standard

UL 248

Materials

Tube: Ceramic Tube

End Caps: Silver 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

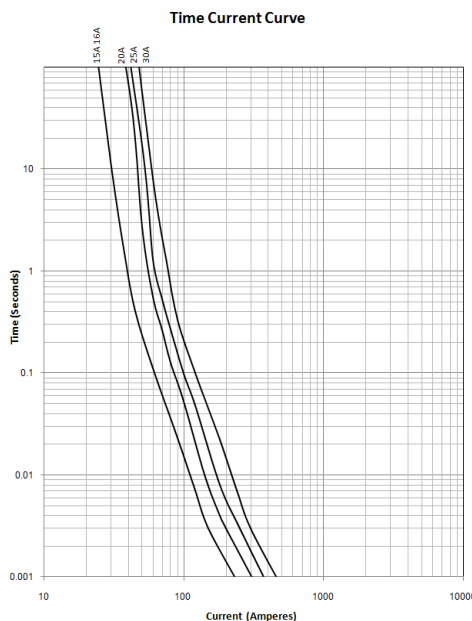
Soldering Parameters

260°C. ≤5 sec (Wave Soldering)

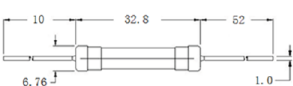
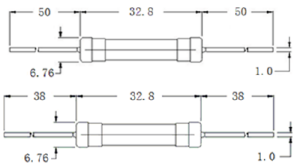
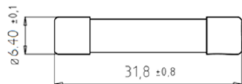
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec. (IEC 60068-20)



Dimensions (unit: mm)



Time vs Current Characteristics: UL 248-1

| Rated Current | 200% | 300% |
|---------------|-------|------|
| 15A~30A | <5min | <10s |



Electrical Characteristics at 25°C

| Amp Code | Rated Current | Rated Voltage | Typical Melting I ² T (A ² s) | Typical cold Resistance (mΩ) | Breaking Capacity | Approvals |
|----------|---------------|---------------|---|------------------------------|------------------------------|-----------|
| | | | | | | cURus |
| 2150 | 15.00A | 660VAC/DC | 66 | 8.0 | 1000A@660VAC 1000A@660VDC | • |
| 2160 | 16.00A | | 62 | 8.0 | | • |
| 2200 | 20.00A | | 120 | 5.5 | | • |
| 2250 | 25.00A | | 200 | 4.6 | | • |
| 2300 | 30.00A | | 270 | 3.7 | | • |

Note:

(1) DC cold resistance are measured at <10% of rated current in ambient temperature of 25°C.

(2) Typical pre-arcing I²t are measured at 10I_n current.

Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 694 | | | |



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Intertek QC 080000 Certified Company
NQA IATF 16949 Certified 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