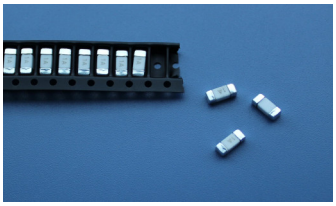
# 247 Brick Fuse



## Main Characteristics

Brick fuse; Fast-Acting(F)

## Standard

UL248-14

## Materials

Body:Ceramic

End Caps:Copper plated with silver

## Operating Temperature

-55℃ to +125℃

## Stock Temperature

+10℃ to +60℃

Relative humidity:≤75% yearly average

Without dew, maximum 30 days at 95%

## Vibration Resistance

120 cycles in 1 direction at 1 min. each
10-55Hz, 3 directions(X, Y, Z) in total
According to MIL-STD-202 Method 201A

## Soldering Parameters

260℃.≤10 sec (Wave Soldering)

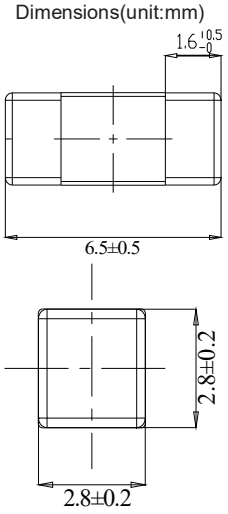
350℃.≤3 sec (Hand Soldering)

Soldering Peak:

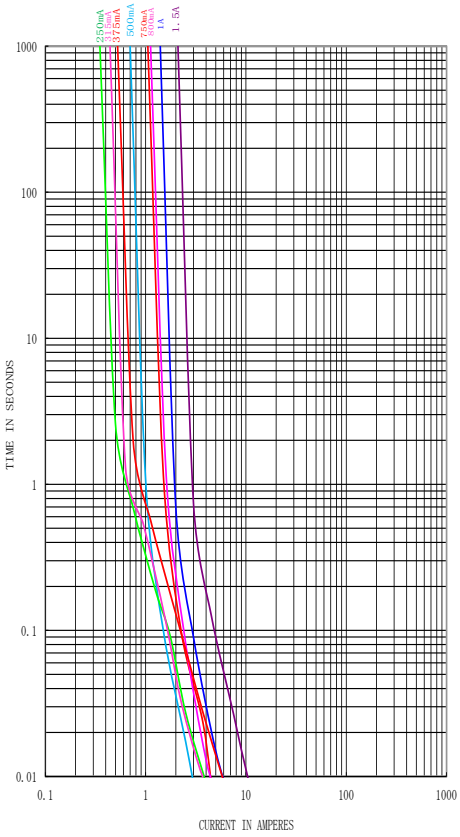
260℃. 10 sec.

280℃. 5 sec. (IEC 60068-20)

Dimensions(unit:mm)




Average Time Current(I-T Curve)




| Time vs Current Characteristics: UL248-14 | | |
|---|---|---|
| Rated current | 100% | 200% |
| 250mA~1.5A | >4h | <5s |

cURus RoHS HF

**Electrical Characteristics at 25℃**

| Amp Code | Rated Current | Rated Voltage | Breaking Capacity | Typical Voltage Drop (mV) | Nominal Melting I²t(A²sec) | Typical Cold Resistance (mΩ) | Approvals cURus |
|---|---|---|---|---|---|---|---|
| 0250 | 250mA | 125V AC 125V DC | 100A@125V AC 50A@125V DC | 300 | 0.144 | 742 | • |
| 0315 | 315mA | | | 300 | 0.137 | 516 | • |
| 0375 | 375mA | | | 300 | 0.335 | 393 | • |
| 0500 | 500mA | | | 600 | 0.090 | 743 | • |
| 0750 | 750mA | | | 500 | 0.160 | 401 | • |
| 0800 | 800mA | | | 500 | 0.203 | 341 | • |
| 1100 | 1.00A | | | 500 | 0.900 | 247 | • |
| 1150 | 1.50A | | | 350 | 1.069 | 144 | • |

**Note:** (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F).

(2) The current values used for calculating I2T should be 10In current.

(3) The product without sand when the current is no more than 375mA.

## Ordering Information

| Series | Amp code | Supplementary Code | Qty |
|---|---|---|---|
| 247 | | | |