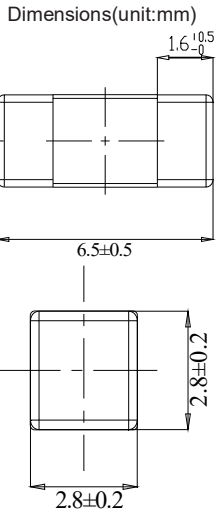
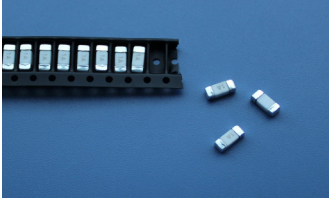


# 247 Brick Fuse



## Main Characteristics

Brick fuse; Fast-Acting(F)

## Standard

UL248-14

## Materials

Body: Ceramic

End Caps: Copper plated with silver

## Operating Temperature

-55°C to +125°C

## Stock Temperature

+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. ≤10 sec (Wave Soldering)

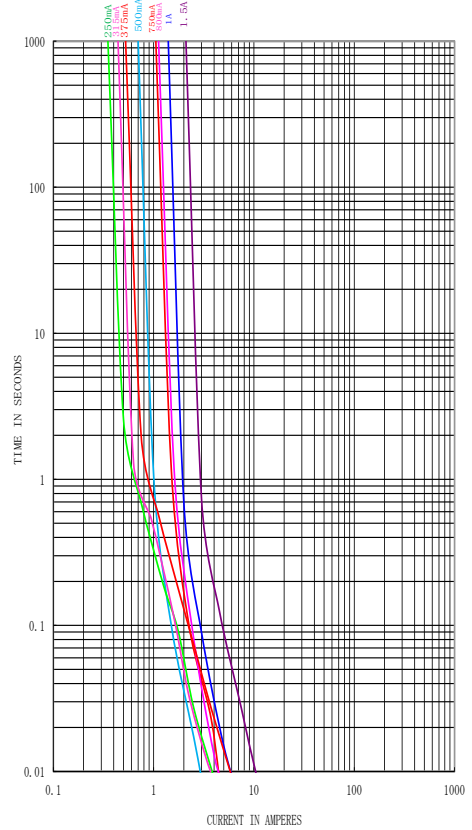
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-14

Rated current	100%	200%
250mA~1.5A	>4h	<5s



## Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop (mV)	Nominal Melting I <sup>2</sup> t(A <sup>2</sup> sec)	Typical Cold Resistance (mΩ)	Approvals
							cULus
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 I<sup>2</sup>t should be 10I<sub>n</sub> current.

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

## Ordering Information

Series	Amp code	Supplementary Code	Qty
247			