

# 245 Brick Fuse



### Main Characteristics

Brick Fuse; Time-Lag(T)

### Standard

UL 248-14

### 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%

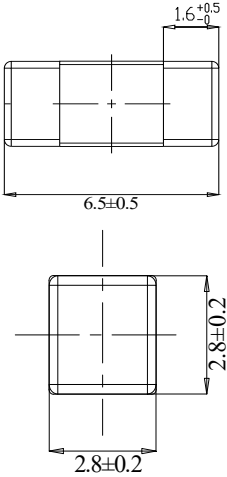
### Vibration Resistance

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

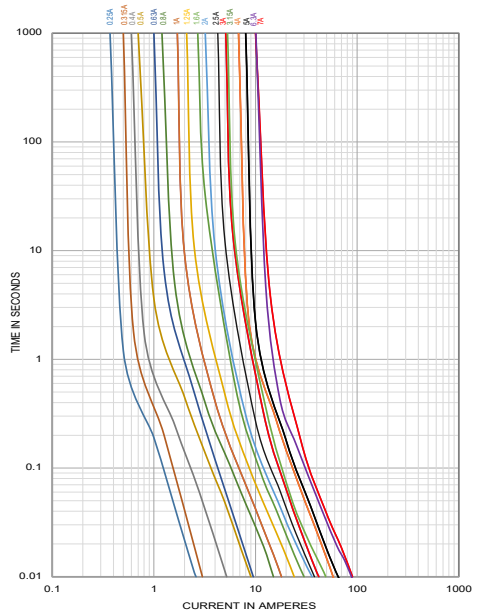
### Soldering Parameters

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)

Dimensions(unit:mm)



Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%
250mA~7A	>4h	<120s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop(mV)	Breaking capacity	Typical Melting I <sup>2</sup> T(A <sup>2</sup> sec)	Typical Cold Resistance (mΩ)	Approvals
							cURus
0250	250mA	125V AC 125V DC	400	50A@125V DC 100A@125V AC	0.06	639	●
0315	315mA		400		●		
0400	400mA		300		●		
0500	500mA		200		●		
0630	630mA		200		●		
0800	800mA		200		●		
1100	1.00A		200		●		
1125	1.25A		180		●		
1160	1.60A		180		●		
1200	2.00A		180		●		
1250	2.50A		180		●		
1300	3.00A		130		●		
1315	3.15A		100		●		
1400	4.00A		100		●		
1500	5.00A		100		●		
1630	6.30A		100		●		
1700	7.00A		100		●		

**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 within the standard range of 8ms ~ 10ms.

Series	Amp Code	Supplementary Code	Qty
245			