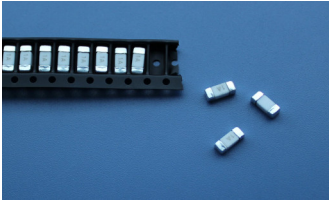


# 246 Brick Fuse



**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%

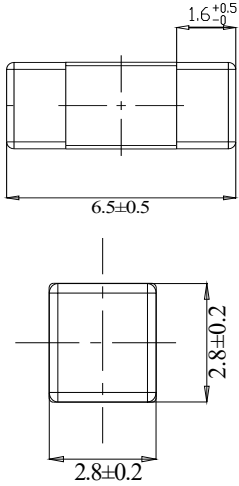
**Vibration Resistance**

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

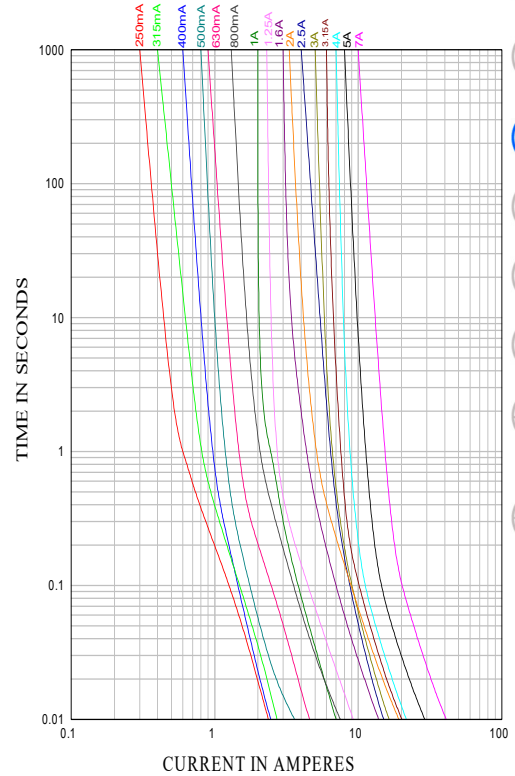
**Soldering Parameters**

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 Max(mV)	Breaking Capacity	Typical Melting I <sup>2</sup> T (A <sup>2</sup> s)	Typical cold Resistance (mΩ)	Approvals
							cURus
0250	250mA	350V AC	800	50A@350V AC	0.050	786.2	•
0315	315mA		750		0.053	1388	•
0400	400mA		700		0.060	966	•
0500	500mA		600		0.120	602	•
0630	630mA		500		0.220	434	•
0800	800mA		400		0.540	350	•
1100	1.00A		300		1.000	246	•
1125	1.25A		300		0.830	188	•
1160	1.60A		300		1.690	124	•
1200	2.00A		300		3.200	88.5	•
1250	2.50A		300		2.060	27	•
1300	3.00A		300		2.600	21.6	•
1315	3.15A		300		3.400	20.6	•
1400	4.00A		300		5.190	16.0	•
1500	5.00A		300		8.100	12.0	•
1700	7.00A		300		17.62	8.24	•

**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 10I<sub>n</sub>.

**Ordering Information**

Series	Amp Code	Supplementary Code	Qty
246			