

# 244 Brick Fuse



**Main Characteristics**  
Brick Fuse; Time-Lag(T)

**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

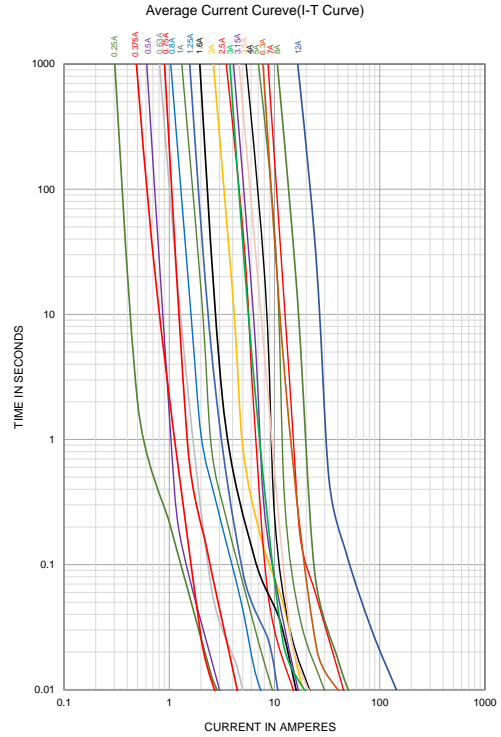
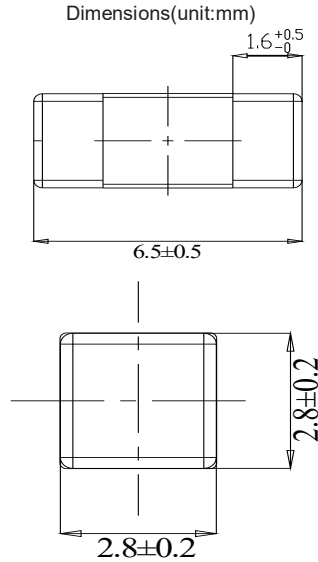
Relative humidity: ≤75% yearly average  
Without dew, maximum 30 days at 95%

**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)



**Time vs Current Characteristics: UL248-14**

Rated Current	100%	200%
250mA~12A	>4h	<120s



**Electrical Characteristics at 25°C**

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop Max(mV)	Breaking Capacity	Typical Melting I²T (A²s)	Typical cold Resistance (mΩ)	Approvals				
							cURus	CQC	TUV	KC	PSE
0250	250mA	125V AC 250V AC 125V DC	800	100A@125V AC 100A@250V AC 50A@125V DC	0.050	786.2	•	○	○	○	○
0315	315mA		750		0.053	1388	•	○	○	○	○
0375	375mA		700		0.073	980	•	○	○	○	○
0400	400mA		700		0.060	966.2	•	○	○	○	○
0500	500mA		600		0.055	602	•	•	•	•	○
0630	630mA		500		0.220	396	•	○	•	○	○
0750	750mA		500		0.168	350	•	○	○	○	○
0800	800mA		400		0.512	306	•	○	•	○	○
1100	1.00A		400		0.870	246	•	•	•	•	•
1125	1.25A		300		0.830	165.9	•	○	•	○	○
1160	1.60A		300		1.690	124	•	○	•	○	○
1200	2.00A		300		3.480	88.5	•	•	•	•	•
1250	2.50A		300		2.060	23.3	•	•	•	•	○
1300	3.00A		300		2.160	21.6	•	○	○	○	○
1315	3.15A		300		2.480	20.6	•	○	•	○	○
1350	3.50A		300		4.500	19.5	•	○	○	○	○
1400	4.00A		300		3.840	15.4	•	•	•	•	○
1500	5.00A		300		7.500	11.8	•	•	•	•	○
1630	6.30A		300		9.600	9.00	•	•	•	•	○
1700	7.00A		300		12.74	8.24	•	○	•	○	○
1800	8.00A	300	21.60	6.40	○	○	○	○	○		
2120	12.00A	300	79.00	5.00	○	○	○	○	○		

- 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 within the standard 10In.  
 (3) The TUV certification only for 250VAC and 125VDC; the CQC, KC certification only for 250V; the cURus certification for all voltage.  
 (4) 250mA No sand filling

**Ordering Information**

Series	Amp Code	Supplementary Code	Qty
244			