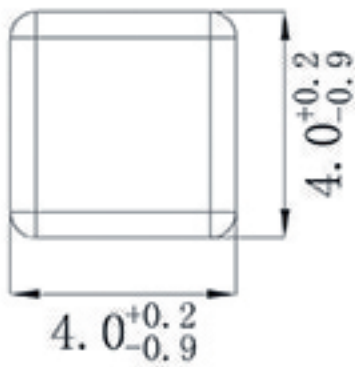
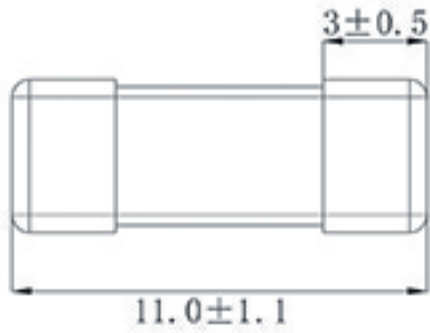


# 477 Series / Brick Fuse



Dimensions(unit:mm)

### 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%

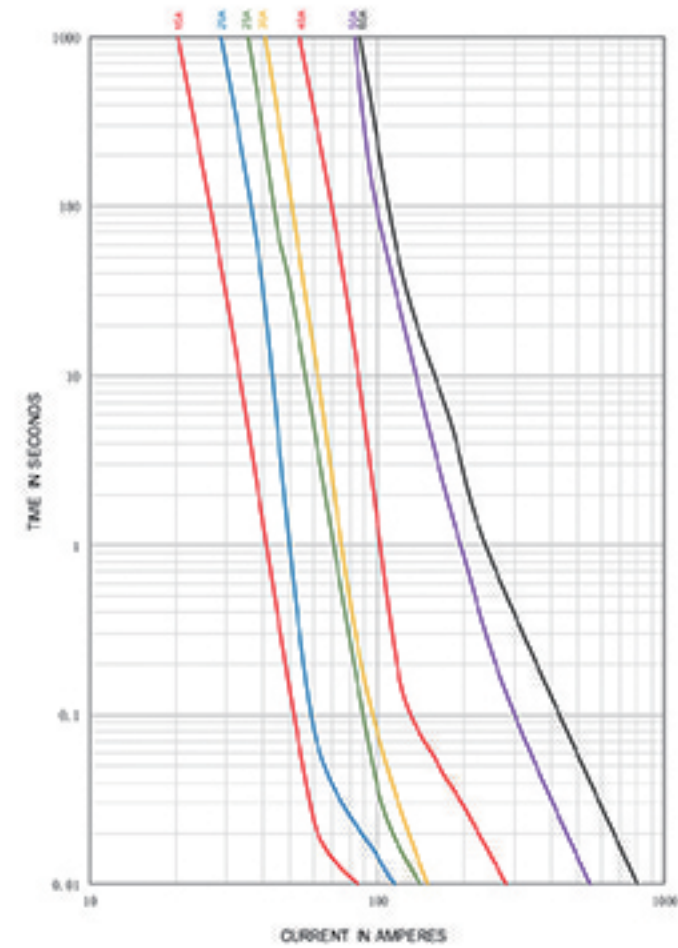
### Vibration Resistance

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)  
300°C. ≤2 sec (Hand Soldering)  
Soldering Peak:  
260°C. 10 sec.  
280°C. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curves)



### Time vs Current Characteristics: UL-248-14

Rated Current	100%	200%
15~40A	>4H	<60s
50~60A	>4H	<240s



### Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Max. Voltage Drop (mV)	Breaking Capacity	Typical Melting I <sup>2</sup> t (A <sup>2</sup> sec)	Cold Resistance (mΩ)	Approval
							cURus
2150	15A	250V AC 72V DC	90	150A@125V AC 150A@250V AC 1000A@32V DC 500A@72V DC	78.084	3.58	•
2200	20A		90		142.56	2.72	•
2250	25A		75		211.68	2.12	•
2300	30A		70.2		243	1.74	•
2400	40A		68.5		816.75	1.14	•
2500	50A	125V AC 60V DC	50	250A@125V AC 1000A@32V DC 500A@60V DC	3267	0.54	•
2600	60A		50		6912	0.49	•

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.

### Ordering Information

Series	Amp Code	Supplementary Code	Qty
477			