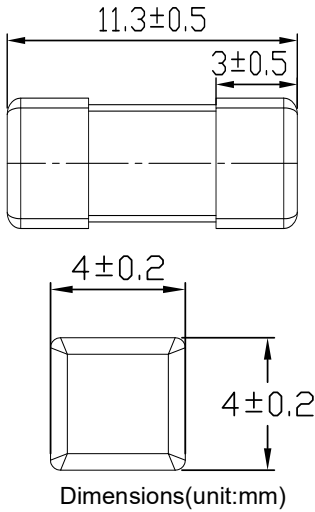


# 475 Brick Fuse



### 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:  $\leq 75\%$  yearly average  
Without dew, maximum 30 days at 95%

### Vibration Resistance

120 cycles in 1 direction at 1 min. each  
10-55Hz, 3 directions(X, Y, Z) in total  
According to MIL-STD-202 Method 201A

### Soldering Parameters

260°C.  $\leq 10$  sec (Wave Soldering)

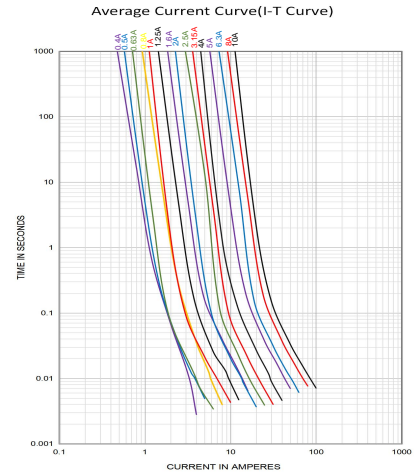
300°C.  $\leq 2$  sec (Hand Soldering)

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%
400mA~10A	>4H	<60s



Electrical Characteristics at								
Amp Code	Rated Current	Rated Voltage	Max. Voltage Drop (mV)	Breaking Capacity	Typical Melting $I^2t(A^2sec)$	Typical Cold Resistance (mΩ)	Approval	
							cURus	TUV
0400	400mA	125V AC 250V AC 125V DC 250V DC 400V DC	1000	150A@125V AC 150A@250V AC 150A@125V DC 150A@250V DC 100A@400V DC	0.11	1820	●	○
0500	500mA		700		0.14	912	●	●
0630	630mA		500		0.15	512	●	○
0800	800mA		500		0.32	418	●	○
1100	1.00A		300		0.47	147	●	●
1125	1.25A		200		0.90	106	●	●
1160	1.60A		200		1.88	71.4	●	○
1200	2.00A		150		1.84	52.4	●	●
1250	2.50A		150		2.69	40.2	●	●
1315	3.15A		150		4.38	31.0	●	○
1400	4.00A	125V AC 250V AC 125V DC 250V DC	150	150A@125V AC 150A@250V AC 150A@125V DC 150A@250V DC	8.10	22.7	●	●
1500	5.00A	120	18.5	15.4	●	●		
1630	6.30A	120	25.8	12.0	●	○		
1800	8.00A	125V AC 250V AC	120	150A@125V AC 150A@250V AC	49.0	8.60	●	○
2100	10.00A	120	72.3	7.00	●	○		

**Note:** (1) Permissible continuous operating current is  $\leq 100\%$  at ambient temperature of 23°C (73.4°F)  
(2) The current values used for calculating  $I^2t$  should be within the standard range of 8ms~10ms.

### Ordering Information

Series	Amp Code	Supplementary Code	Qty
475			