241 Brick Fuse

Main Characteristics

Brick fuse; Fast-Acting(F)

Standard

UL248-14

Materials

Body:Ceramic
End Caps:Copper plated with silver

Operating Temperature

-55℃ to +125℃

Stock Temperature

+10℃ to +60℃

Relative humidity:≤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℃.≤10 sec (Wave Soldering)

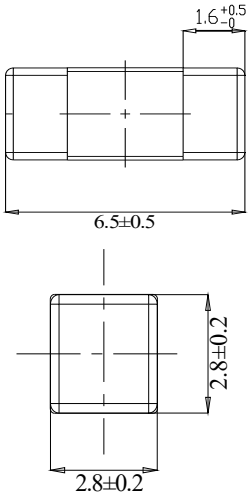
350℃.≤3 sec (Hand Soldering)

Soldering Peak:

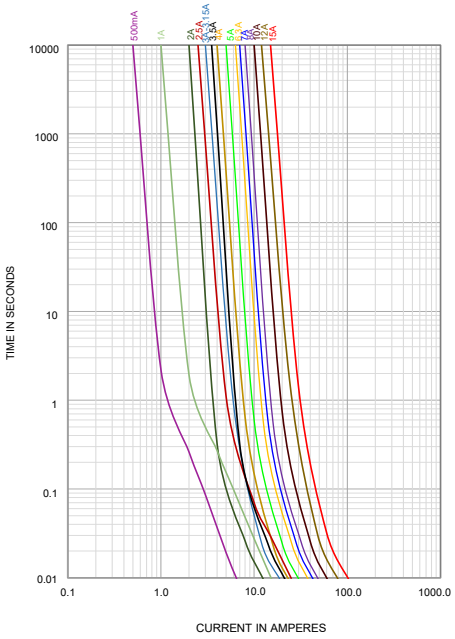
260℃. 10 sec.

280℃. 5 sec. (IEC 60068-20)

Dimensions(unit:mm)



Average Current Curve(I-T Curve)



Time vs Current Characteristics: UL248-14		
Rated Current	100%	200%
2A~15A	>4h	<5s

Electrical Characteristics at 25℃

Amp Code	Rated Current	Rated Voltage	Breaking Capacity	Typical Voltage Drop (mV)	Nominal Melting I²t(A²sec)	Typical Cold Resistance (mΩ)	Approvals cURus
0500	500mA	125V AC 125V DC	50A @ 125V AC 300A @ 125V DC	250	0.48	281.1	●
1100	1.0A			200	2.80	103.1	●
1200	2.0A			110	1.45	26.72	●
1250	2.5A			110	6.17	17.86	●
1300	3.0A			110	3.09	18.01	●
1315	3.15A			110	3.11	17.98	●
1350	3.50A			110	4.08	15.48	●
1400	4.0A			110	5.12	12.81	●
1500	5.0A			110	8.68	10.04	●
1630	6.3A		63A @ 125V AC 300A @ 125V DC	110	13.5	8.09	●
1700	7.0A		70A @ 125V AC 300A @ 125V DC	110	17.5	7.30	●
1800	8.0A		80A @ 125V AC 300A @ 125V DC	110	22.8	6.35	●
2100	10.0A		100A @ 125V AC 300A @ 125V DC	110	35.3	5.10	●
2120	12.0A		50A@125V AC 50A@125V DC	110	63.4	4.10	●
2150	15.0A			110	102.8	3.14	●

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.

Ordering Information

Series	Amp code	Supplementary Code	Qty
241			