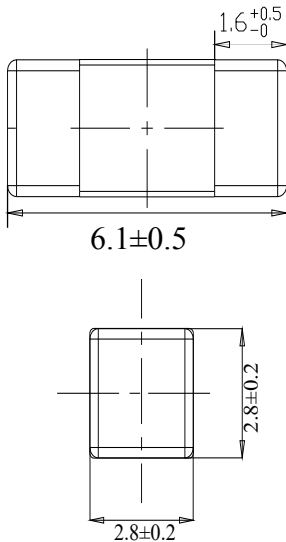


254 Brick Fuse



Dimensions(unit:mm)



Main Characteristics

Brick Fuse;Time-lag(T)

Standard

UL248-14

Materials

Body: Ceramic
End Caps:Copper plated with gold

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

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. ≤10 sec (Wave Soldering)

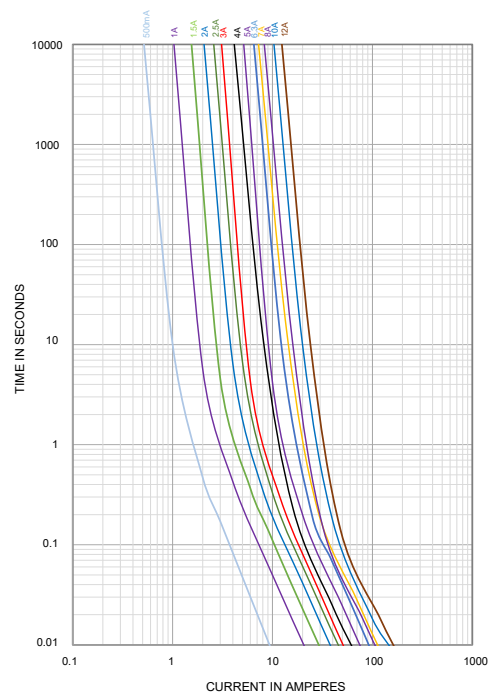
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Average Current Curve(I-T Curves)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%
500mA~12A	>4h	<60s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical Voltage Drop Max(mV)	Breaking Capacity	Typical Melting I ² T (A ² s)	Typical cold Resistance (mΩ)	Approvals		Marking
							cURus	TUV	
0500	500mA	250VAC 125VDC	200	50A@250VAC 300A@125VDC	0.84	217.3	•	•	500
1100	1.00A		150		4.10	83.2	•	•	1
1150	1.50A		150		8.37	45.1	•	○	1.5
1200	2.00A		110		13.9	31.5	•	•	2
1250	2.50A		110		20.5	23.2	•	•	2.5
1300	3.00A		110		25.5	20.2	•	○	3
1400	4.00A		110		37.0	13.6	•	•	4
1500	5.00A		110		55.0	10.2	•	•	5
1630	6.30A		110		82.3	7.16	•	•	6.3
1700	7.00A		110		125.9	6.50	•	○	7
1800	8.00A		110		111.0	5.65	•	•	8
2100	10.00A		110		216.6	4.60	•	○	10
2120	12.00A		110		263.1	3.65	•	○	12

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 range of 8ms ~ 10ms.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
254			