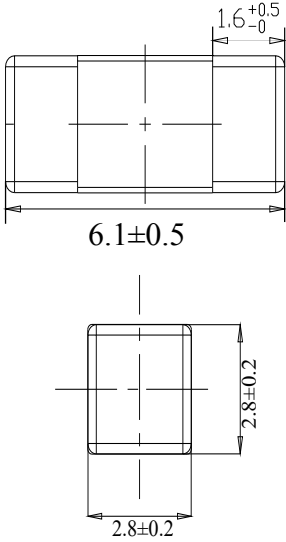


254 Brick Fuse



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%

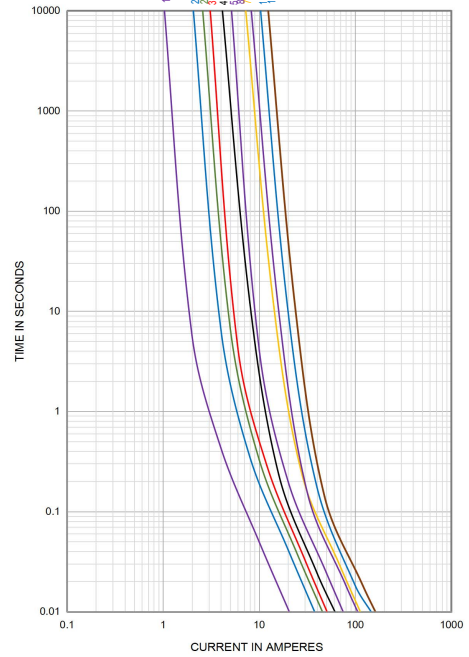
Vibration Resistance

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)

Average Current Curve(I-T Curve)



Time vs Current Characteristics: UL248-14

Rated Current	100%	200%
1A~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	
1100	1.00A	250VAC 125VDC	150	50A@250VAC 300A@125VDC	4.10	83.2	•	⚡ 1
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
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			