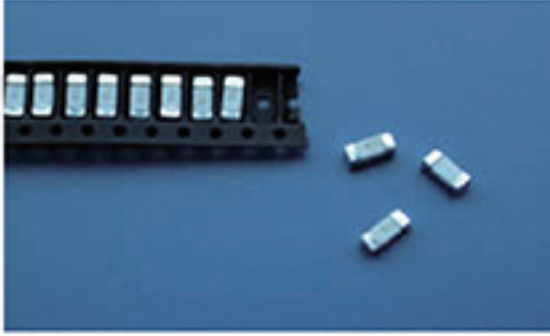


241 Quick-Acting SMD Fuse



Main Characteristics

SMD fuse; Quick-Acting(F)

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)

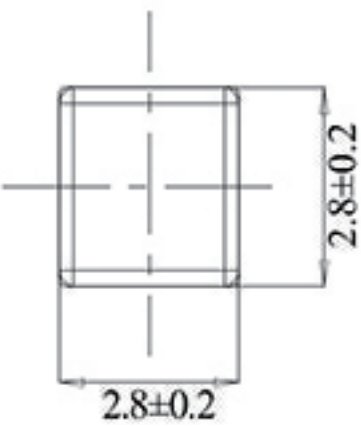
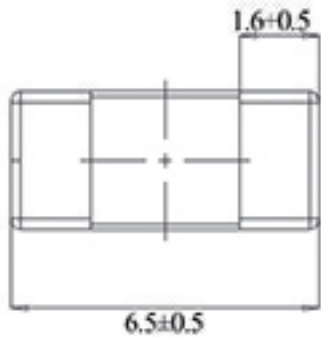
350°C. ≤3 sec (Hand Soldering)

Soldering Peak:

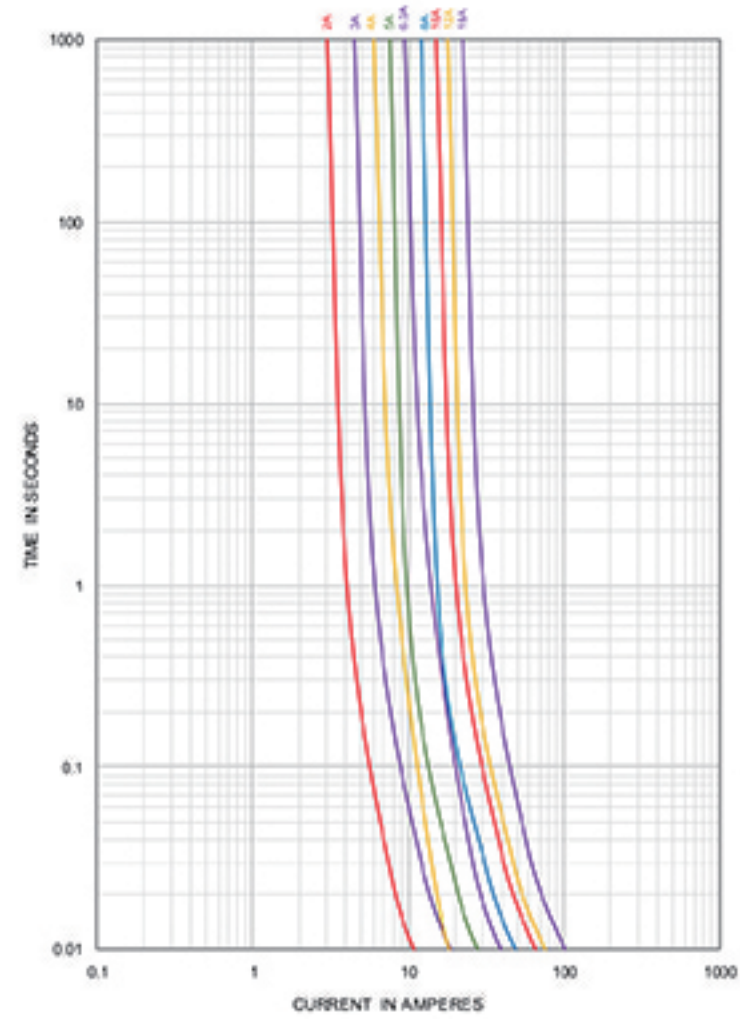
260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Dimensions(unit:mm)



Average Time Current(I-T Curve)



Time vs Current Characteristics: UL-248-14

Rated Current	100%	200%
2A~15A	>4h	<5s



Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Breaking Capacity	Typical Voltage Drop (mV)	Typical Melting I ² t (A ² sec)	Typical Cold Resistance (ohms)	Approvals	
							cURus	
1200	2.0A	125V AC 125V DC	50A or 10In @ 125V AC 50A or 10In @ 125V DC	110	0.8	0.0400	•	
1300	3.0A			110	1.95	0.0260	•	
1400	4.0A			110	4	0.0190	•	
1500	5.0A			110	7.5	0.0140	•	
1630	6.3A			110	13	0.0110	•	
1700	7.0A			110	16	0.0100	•	
1800	8.0A			110	20	0.0085	•	
2100	10.0A			110	35	0.0062	•	
2120	12.0A			50A @ 125V AC 50A @ 125V DC	110	40	0.0052	•
2150	15.0A				110	55	0.0041	•

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			

