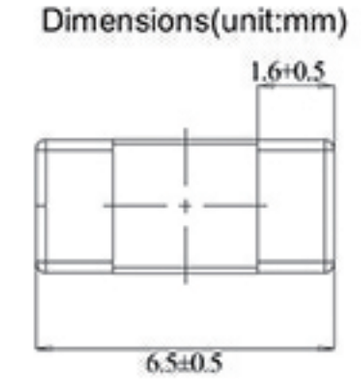
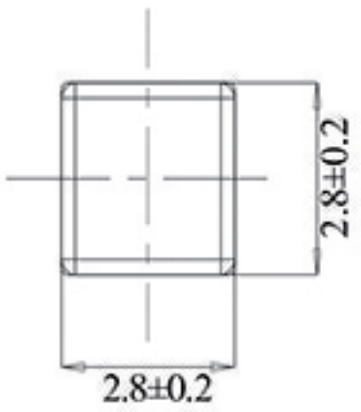
245 Time-Lag SMD Fuse

Dimensions(unit:mm)





Main Characteristics

SMD Fuse;Time-Lag(T)

Standard

UL 248-14

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

24 cycles at 15 min. each (60068-6)

10-60Hz at 0.75mm amplitude

60-2000Hz at 10g acceleration

Soldering Parameters

260℃.≤10 sec (Wave Soldering)

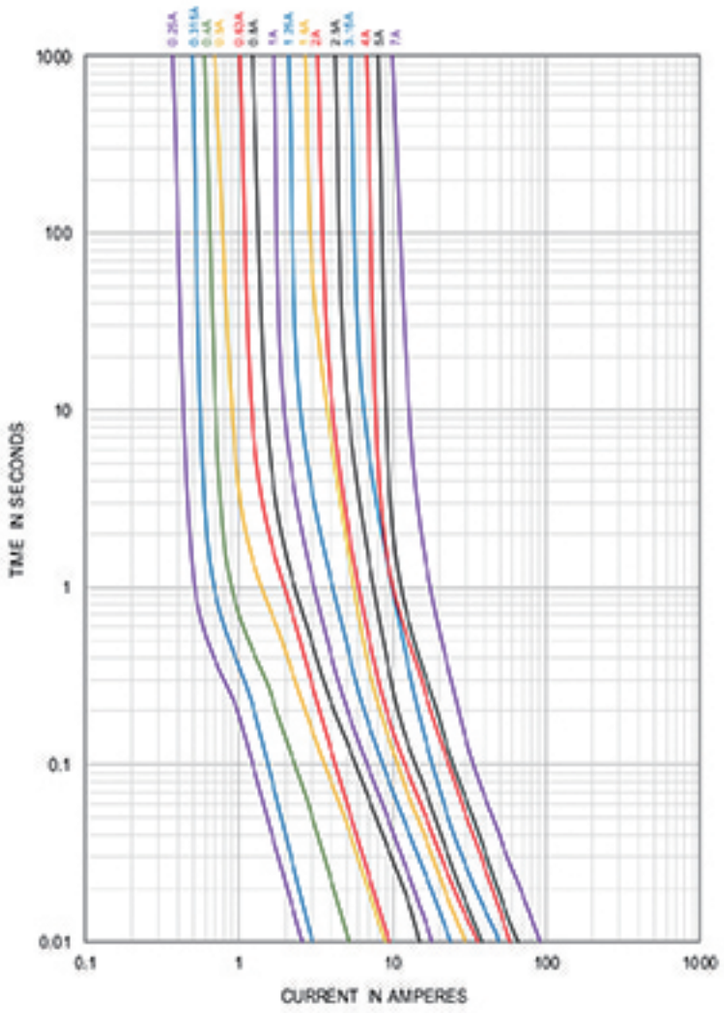
350℃.≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 10 sec.

280℃. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL-248-14		
Rated Current	100%	200%
250mA~7A	>4h	<120s

cURus RoHS HF

Electrical Characteristics							
Amp Code	Rated Current	Max. Voltage	Typical Voltage Drop (mV)	Breaking Capacity	Typical Melting I²t (A²sec)	Typical Cold Resistance (ohms)	Approvals
							cURus
0250	250mA	125V DC 125V AC	400	50A@125V DC 100A@125V AC	0.06	0.773	•
0315	315mA		400		0.12	0.663	•
0400	400mA		300		0.27	0.478	•
0500	500mA		200		0.81	0.277	•
0630	630mA		200		0.85	0.191	•
0800	800mA		200		2.25	0.154	•
1100	1.00A		200		3.24	0.096	•
1125	1.25A		180		5.76	0.054	•
1160	1.60A		180		9.00	0.045	•
1200	2.00A		180		13.00	0.041	•
1250	2.50A		180		20.25	0.038	•
1300	3.00A		130		17.64	0.024	•
1315	3.15A		100		24.01	0.022	•
1400	4.00A		100		33.64	0.017	•
1500	5.00A		100		42.25	0.011	•
1700	7.00A		100		81	0.007	•

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.

Series	Amp Code	Supplementary Code	Qty
245			