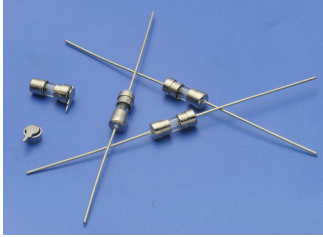


312 Subminiature cartridge Fuse



Main Characteristics

Subminiature cartridge fuse; Time-Lag (T)

Standard

UL248-14

Materials

Tube: Glass Tube
 End Caps: Nickel plated brass
 Axial Leads: Nickel plated caps
 Tin plated copper wires

Operating Temperature

-55°C to +125°C

Storage Conditions

+10°C to +60°C
 Relative humidity: ≤75% yearly average
 Without dew, maximum 30 days at 95%

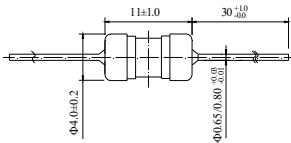
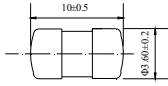
Vibration Resistance

24 cycles at 15 min. each (60068-6)
 10-60Hz at 0.75mm amplitude
 60-2000Hz at 10g acceleration

Soldering Parameters

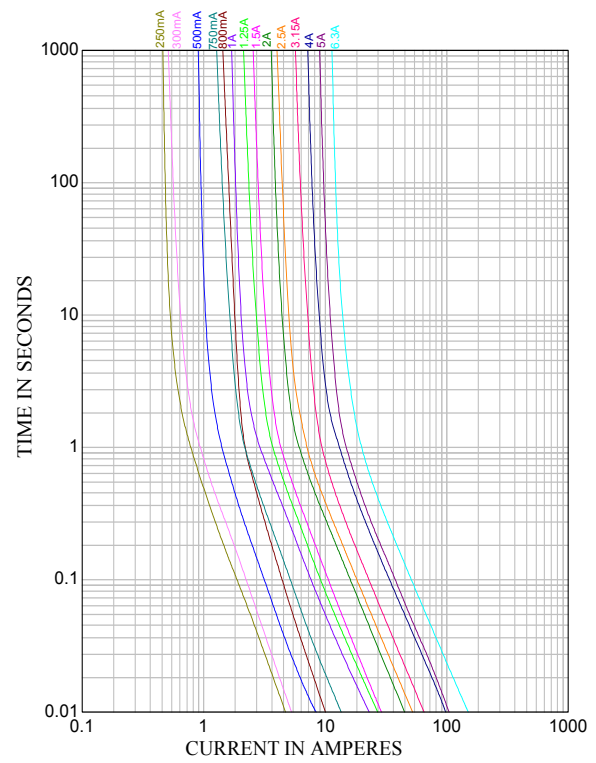
260°C. ≤5 sec (Wave Soldering)
 350°C. ≤3 sec (Hand Soldering)
 Soldering Peak:
 260°C. 10 sec. (IEC 60068-20)

Dimensions (unit:mm)



★ 250mA~7A: Ø0.65mm
 8A~10A: Ø0.80mm

Average Time Current (I-T) Curves



RoHS

Time vs Current Characteristics: UL248-14

Rated Current	100%	200%
250mA~10A	>4h	5s~60s

Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Typical cold Resistance (mΩ)	Nominal Melting I ² t(A ² sec)	Breaking Capacity	Approvals	
						cULus	
						125V	250V
0250	250mA	250V AC	674	0.221	50A @ 250V AC 50A @ 125V AC	•	•
0300	300mA		485	0.281		•	•
0315	315mA		415	0.302		•	•
0350	350mA		340	0.384		•	•
0400	400mA		310	0.490		•	•
0500	500mA		285	0.706		•	•
0750	750mA		114.5	1.85		•	•
0800	800mA		140	1.00		•	•
1100	1.00A		115	5.29		•	•
1125	1.25A		57.8	7.29		•	•
1150	1.50A		52.0	8.41		•	•
1160	1.60A		45.0	8.75		•	•
1200	2.00A		33.0	20.3		•	•
1250	2.50A		27.95	27.6		•	•
1300	3.00A		25.0	64.0		•	•
1315	3.15A		21.0	42.3		•	•
1350	3.50A		19.0	68.5		•	•
1400	4.00A		14.7	96.1		•	•
1500	5.00A		11.9	110		•	•
1630	6.30A		8.50	228		•	•
1700	7.00A		4.50	64.0		•	•
1800	8.00A	6.20	77.4	•	•		
2100	10.00A	5.10	121	•	•		

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
312			