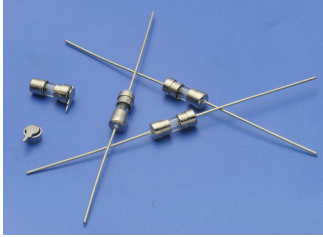


312 Subminiature cartridge Fuse



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%

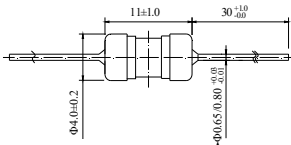
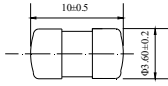
Vibration Resistance

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

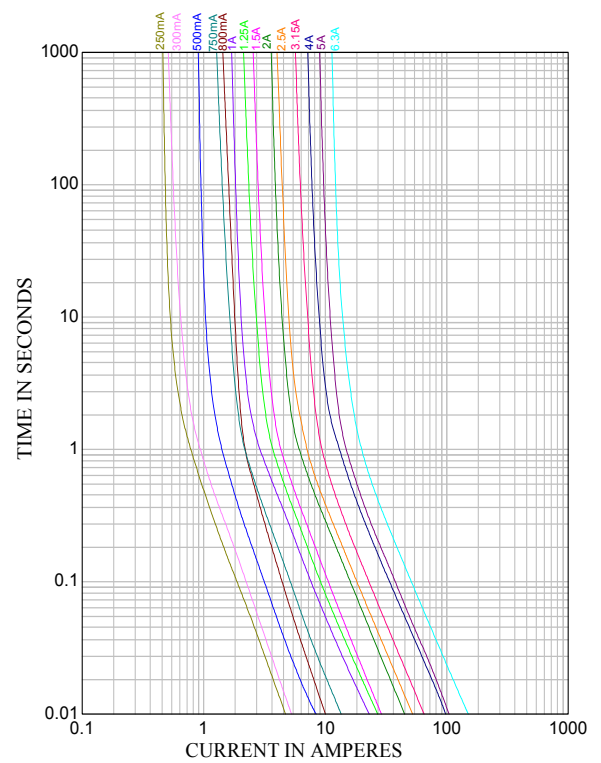
260°C. ≤5 sec (Wave Soldering)
350°C. ≤3 sec (Hand Soldering)
Soldering Peak:
260°C. 10 sec. (IEC 60068-20)

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		•	•			
0315	315mA		•	•			
0350	350mA		•	•			
0400	400mA		•	•			
0500	500mA		•	•			
0750	750mA		•	•			
0800	800mA		•	•			
1100	1.00A		•	•			
1125	1.25A		•	•			
1150	1.50A		•	•			
1160	1.60A		•	•			
1200	2.00A		•	•			
1250	2.50A		•	•			
1300	3.00A		•	•			
1315	3.15A		•	•			
1350	3.50A		•	•			
1400	4.00A		•	•			
1500	5.00A		•	•			
1630	6.30A		•	•			
1700	7.00A		•	•			
1800	8.00A	•	•				
2100	10.00A	•	•				

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			