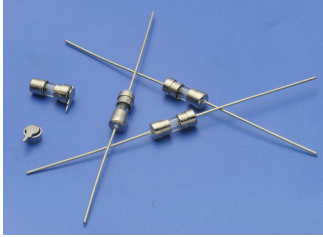


# 312 Subminiature cartridge Fuse



## 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%

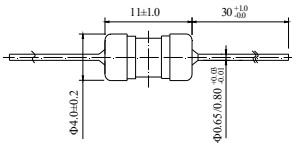
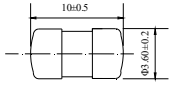
## Vibration Resistance

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

## Soldering Parameters

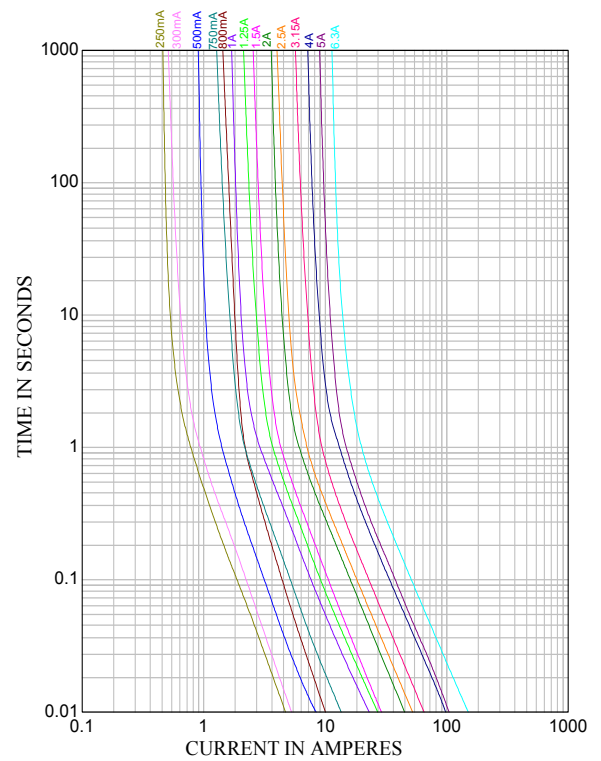
260°C. ≤5 sec (Wave Soldering)  
 350°C. ≤3 sec (Hand Soldering)  
 Soldering Peak:  
 260°C. 10 sec. (IEC 60068-20)

Dimensions (unit:mm)



★ 250mA~7A: Ø0.65mm  
 8A~10A: Ø0.80mm

Average Time Current (I-T) Curves



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 I²t(A²sec)	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			



Sales Contact  
 sls01@beterfuse.com

Technical Support  
 Kenny@betterfuse.com

National High-tech Enterprise  
 SC 32C National Technical Committee Member of China  
 Intertek ISO 9001 Certified Company  
 Intertek ISO 14001 Certified Company  
 Intertek QC 080000 Certified Company  
 NQA IATF 16949 Certified Company

国家高新技术企业  
 SC 32C 国内专家组成员单位  
 ISO 9001 认证企业  
 ISO 14001 认证企业  
 QC 080000 认证企业  
 IATF 16949 认证体系