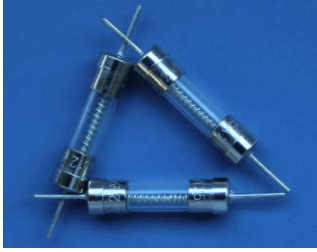


512 Time-Lag Miniature Fuse



Main Characteristics
Cartridge miniature fuse; Time-Lag(T)
Standard

UL 248-14

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%

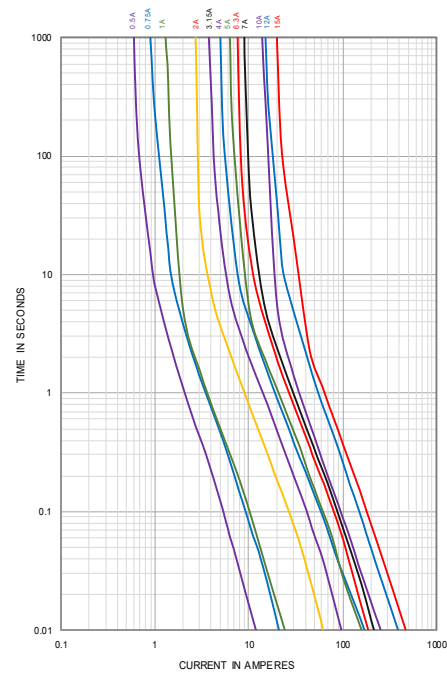
Vibration Resistance

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

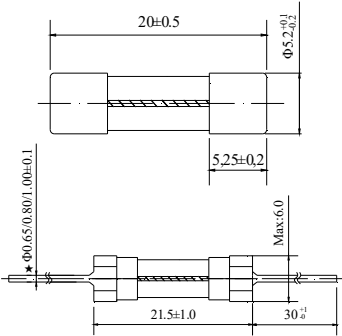
Soldering Parameters

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

Average Time Current(I-T Curve)



Dimensions (unit in mm)



Note: ★
250mA~7.0A ** Φ0.65mm
8.0A~12.5A ** Φ0.80mm
15.0A ** Φ1.00mm

Time vs Current Characteristics: UL 248-14			
Rated Current	100%	135%	200%
250mA~15A	>4h	<1h	5s~120s



Electrical Characteristics						
Amp Code	Rated Current	Max. Voltage	Nominal Melting I ² t(A ² sec)	Breaking Capacity	Approvals	
					cURus	PSE
0250	250mA	250V AC	0.336	10kA@125V AC 35A@250V AC 50-60Hz Cosφ=0.7~0.8	○	○
0300	300mA		0.469		○	○
0315	315mA		0.518		○	○
0350	350mA		0.656		○	○
0375	375mA		0.774		○	○
0400	400mA		0.903		○	○
0500	500mA		1.42		●	○
0630	630mA		2.49		●	○
0750	750mA		4.49		●	○
0800	800mA		4.84		●	○
1100	1.00A		5.76		●	○
1125	1.25A		9.92		●	○
1150	1.50A		22.09		●	○
1160	1.60A		24.5		●	○
1200	2.00A		38.44	●	○	
1250	2.50A		67.24	●	○	
1300	3.00A		81	●	○	
1315	3.15A		92.16	●	○	
1350	3.50A		110	●	○	
1400	4.00A		289	●	○	
1500	5.00A		256	●	○	
1630	6.30A	357	●	○		
1700	7.00A	462	●	○		
1800	8.00A	503	●	○		
2100	10.00A	650	●	○		
2120	12.00A	1521	●	○		
2125	12.50A	1640	●	○		
2150	15.00A	2209	●	●		

Note: (1) Permissible continuous operating current is 100% at ambient temperature of 23°C (73.4°F)
(2) The cURus certification by 125V and 250V; the 8A PSE certification only by 125V; the 10A PSE certification only by 250V.

Ordering Information

Series	Amp Code	Supplementary Code	Qty
512			