



**Main Characteristics**

Cartridge miniature fuse; Quick-Acting (F) Standard

UL 248-14 (IEC 60127-2)

**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%

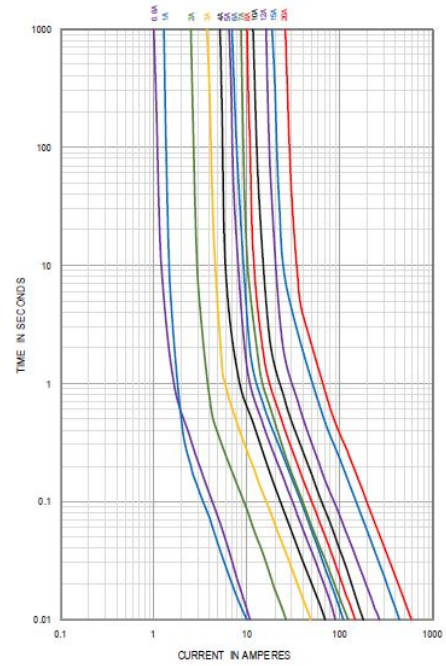
**Vibration Resistance**

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

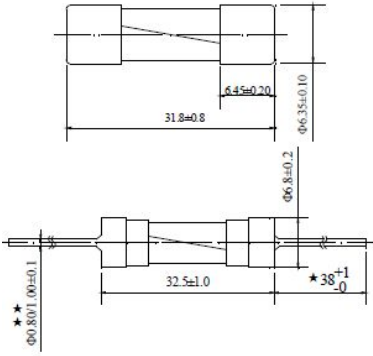
**Soldering Parameters**

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)



★: Short lead: 30mm  
 ★★: 500mA~12.5A : Φ0.80mm  
 15.0A~25.0A : Φ1.00mm

Time vs Current Characteristics: UL 248-14

Rated Current	100%	110%	115%	135%	200%	210%	275%	400%	1000%
500mA~20A	>4h	/	/	<1h	<10s	/	/	/	/
12.5A/16A(IEC)	/	/	>1h	/	/	<60s	20ms~3s	8ms~1s	≤150ms
15A/20A/25A(PSE)	/	>1.5h	/	<1h	<120s	/	/	/	/



Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Nominal Melting I <sup>2</sup> t(A <sup>2</sup> sec)	Breaking Capacity	Approvals				
					PSE	CQC	cULus	cURus	
0500	500mA	250V AC	0.49	10kA@125V AC	○	○	●	○	
0630	630mA		0.81	35A@250V AC	○	○	○	○	
0800	800mA		1.21	50-60Hz Cosφ=0.7-0.8	○	○	○	○	
1100	1.00A		1.00	10kA@125V AC 100A@250V AC 50-60Hz Cosφ=0.7-0.8	○	○	●	○	
1125	1.25A		1.44		○	○	●	○	
1150	1.50A		2.1		○	○	●	○	
1160	1.60A		4.84		○	○	●	○	
1200	2.00A		7.29		○	○	●	○	
1250	2.50A		11.2		○	○	●	○	
1300	3.00A		24		○	○	●	○	
1315	3.15A		26.1		○	○	●	○	
1350	3.50A		34.81		○	○	●	○	
1400	4.00A		49		○	○	●	○	
1500	5.00A		81	○	○	●	○		
1600	6.00A		121	○	○	●	○		
1700	7.00A		156	10kA@125V AC 200A@250V AC 50-60Hz Cosφ=0.7-0.8	○	○	●	○	
1800	8.00A		219		○	○	●	○	
2100	10.00A		324		○	○	●	○	
2120	12.00A		729		○	○	○	●	
2125	12.50A		767		○	●	○	●	
2150	15.00A		1936		●	○	○	●	
2160	16.00A		2025	○	●	○	●		
2200	20.00A		3600	●	○	○	●		
2250	25.00A		125V AC	3844	300A@125V AC	●	○	○	○

**Note:** (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)  
 (2) The cURus and cULus certification by 125V and 250V; the CQC certification by 250V; the PSE certification by 125V