

615 Quick-Acting Miniature Fuse



Main Characteristics

Cartridge miniature fuse; Quick-Acting(F)

Standard

UL-248-14

Materials

Tube: Ceramic 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%

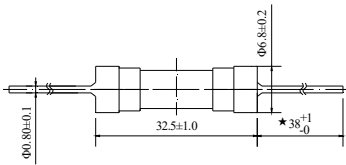
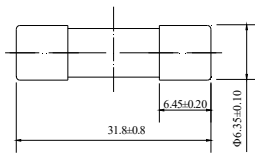
Vibration Resistance

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

Soldering Parameters

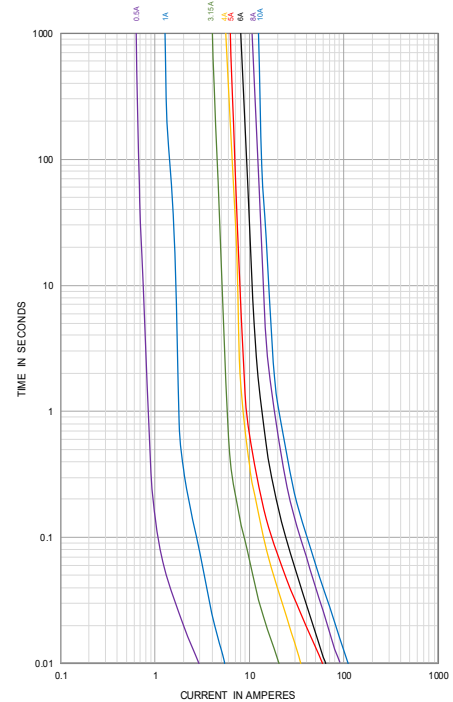
260°C. ≤5 sec (Wave Soldering)
 350°C. ≤3 sec (Hand Soldering)
 Soldering Peak:
 260°C. 10 sec. (IEC 60068-20)

Dimensions (unit in mm)



★: Short lead: 30mm

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL-248-14

Rated Current	100%	135%	200%
500mA~10A	>4h	<1h	<10s



Electrical Characteristics

Amp Code	Rated Current	Max. Voltage	Nominal Melting I ² t(A ² sec)	Breaking Capacity	Approvals cURus
0500	500mA	1000V AC	0.084	100A@1000V AC 300A@660V AC 50-60Hz Cosφ=0.7-0.8	●
0630	630mA		0.133		●
0800	800mA		0.172		●
1100	1.00A		0.297		●
1125	1.25A		0.456		●
1150	1.50A		0.672		●
1160	1.60A		0.74		●
1200	2.00A		1.44		●
1250	2.50A		2.4		●
1300	3.00A		3.53		●
1315	3.15A		4.33		○
1350	3.50A		4.57		○
1400	4.00A		12.25		●
1500	5.00A		36		●
1600	6.00A		40.96		●
1700	7.00A		61.46		●
1800	8.00A		81		●
2100	10.00A	121	●		

Note: Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)

Ordering Information

Series	Amp Code	Supplementary Code	Qty
615			

