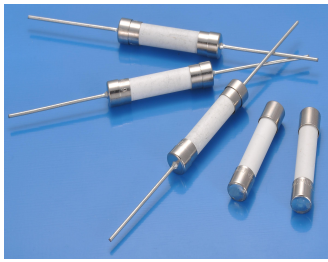


617 Miniature cartridge Fuse



Main Characteristics

Miniature cartridge fuse; Fast-Acting(F)

Standard

UL248-14

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

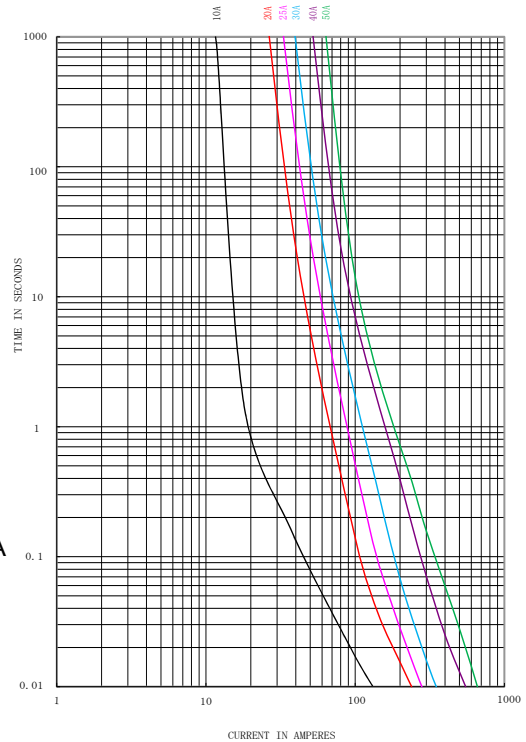
+10°C to +60°C
Relative humidity: ≤75% yearly average
Without dew, maximum 30 days at 95%

Vibration Resistance

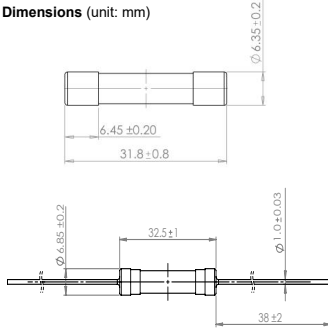
120 cycles in 1 direction at 1 min. each
10-55Hz, 3 directions(X, Y, Z) in total
According to MIL-STD-202 Method 201A

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)



★ <15.0A: Φ0.8mm
15.0A~30A: Φ1.0mm
>30A: Φ1.2mm

Time vs Current Characteristics: UL 248-14

Rated Current	100%	200%
10A~50A	>4h	<120s



Electrical Characteristics at 25°C

Amp Code	Rated Current	Rated Voltage	Voltage Drop Max(mV)	Breaking Capacity	Typical Cold Resistance (mΩ)	Melting I ² T(A ² s)	Approvals	
							cURus	TUV
2200	10.00A	150V DC 250V AC 300V AC	300	200A@150V DC 1500A@250V AC 400A@300VAC	13.5	186	●	○
2200	20.00A		150		3.84	358	●	●
2250	25.00A		150		3.02	861	●	○
2300	30.00A		150		2.20	1430	●	●
2400	40.00A		150		1.35	3800	●	○
2500	50.00A	150V DC 250V AC	150	200A@150V DC 1500A@250V AC	1.27	6950	●	○

Note: 1. The current values used for calculating I²T should be at 10I_n.

Series	Amp Code	Supplementary Code	Qty
617			