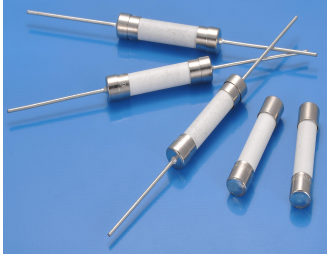
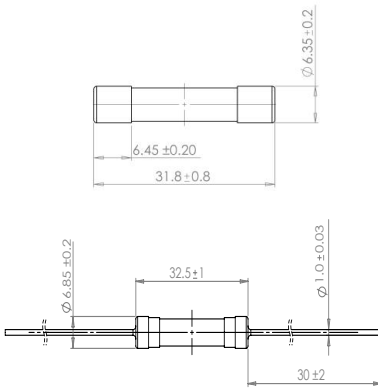


616 Miniature cartridge Fuse



Dimensions (unit: mm)



- ★ 15.0A~30A: Φ1.0mm
>30A: Φ1.2mm

Main Characteristics

Miniature cartridge fuse; Time-Lag(T)

Standard

UL248-14, IEC60127-7

Materials

Tube: Ceramic Tube

End Caps: Nickel plated brass

Axial Leads: Nickel plated caps

Tin plated copper wires

Operating Temperature

-55℃ to +125℃

Storage Conditions

+10℃ to +60℃

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

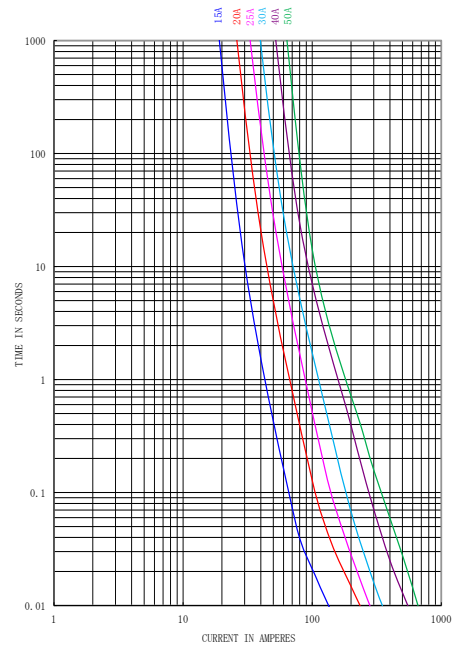
260℃. ≤5 sec (Wave Soldering)

350℃. ≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 10 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL 248-14

Rated Current	100%	200%
15A~50A	>4h	<120s



Electrical Characteristics at 25℃

Amp	Rated Current	Rated voltage	Voltage Drop Max(mV)	Typical Cold Resistance (mΩ)	Nominal Melting I ² t(A ² sec)	Breaking Capacity	Approvals	
							cURus	TUV
2150	15.00A	250V AC	150	6.03	169.3	200A@150V DC 1500A@250V AC	•	•
2200	20.00A		150	3.84	360.0		•	•
2250	25.00A		150	2.80	874.4		•	•
2300	30.00A		150	2.20	1449.0		•	•
2400	40.00A		150	1.48	4000.0		•	○
2500	50.00A		150	1.27	7000.0		•	○

Note: 1. ○ means the approvals are pending.

2. The current values used for calculating I²t should be at 10I_n.

3. The breaking capacity of TUV is 500A@250VAC when the current is 25A and 30A

Ordering Information

Series	Amp Code	Supplementary Code	Qty
616			



Sales Contact

sls01@betterfuse.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