



## 6X30mm Micro Tubular Ceramic Fast Blow Fuse 500MA-40A 500V

### Our Product Introduction

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#### Basic Information

- Place of Origin: China DongGuang
- Brand Name: LinKun
- Certification: UL ROHS CCC CUL VDE
- Model Number: 613 615 619 Series
- Minimum Order Quantity: 1000 pieces
- Price: Negotiation
- Packaging Details: PE bag, Bulk
- Delivery Time: 5-7 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union
- Supply Ability: 100,000 pieces/month



#### Product Specification

- Rated Current: 50mA-10A; 500mA-10A; 15A-40A
- Rated Voltage: 125/250V AC; 100V Max; 150V DC 500V 660V AC
- Tube: Ceramic Tube
- Lead: Axial Lead
- Axial Leads: Tin-plated Copper Wires
- Main Characteristics: Miniature Cartridge Fuse; Fast-Acting(F)
- Standard: UL 248-14
- End Caps: Nickel Plated Brass
- High Light: 6X30mm Miniature Cartridge Fuse
- Highlight: **Micro Tubular Ceramic Fast Blow Fuse, Fast Blow Fuse 6X30mm, Fast Blow Fuse 500V**



#### More Images



## Product Description

### Product Description:

**125V 250V AC Axial Lead 6.35x30mm 6X30mm Quick Blow Fast Acting Ceramic Subminiature Fuse**



**Series: 6x30mm tube fuse**

**Product Keywords: No.613/6\*30mm fast-acting ceramic fuse**

Rated current: 500mA-25A

Rated voltage: 125V/250V AC

Certification: cULus, cURus, PSE, CQC

Type: Fast-acting ceramic fuse

Lead wire: W, W/O

613 series is a fast-acting and low breaking capacity fuse, can be used in AC voltage 250V, breaking capacity less than 200A protection circuit.

613 Series fuses are suitable for use in electronic equipment and equipment protection circuits

Time-current characteristics: fast fusing (F)

Cutting capacity: 10KA/125V AC, 35A/250V AC[500mA~1A]; 10KA/125V AC, 100A/250V AC[1.25A~3.15A]; 10KA/125V AC, 200A/250V AC[4A~10A]; 400A/125V AC, 200A/250V AC[12A~20A]; 400A/125V AC, 100A/250V AC[25A]

Standard: UL 248-14

Accreditation: cULus, cURus, PSE, CQC

Material: shell - ceramic tube, metal cap - nickel - plated brass, lead cap - nickel - plated cap, tin - plated copper wire

Operating temperature: -55°C ~ +125°C

Solderability: 260°C≤5 seconds (wave soldering); 350°C≤3 seconds (manual welding)

Welding temperature bearing capacity: 260°C, 10 seconds; 280°C, 5 seconds;

Storage condition: +10°C ~ +60°C; The annual average relative humidity is less than 75%, and the relative humidity reaches 95% for a maximum of not more than 30 days

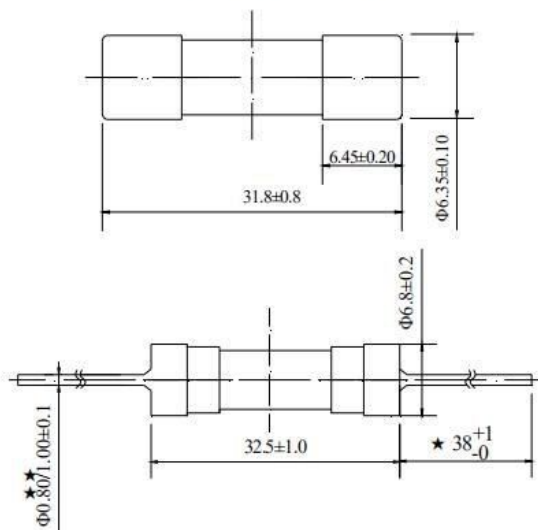
Time VS Current Characteristics: UL248-14 GB/T9364.7						
Rated current	100%	135%	200%	275%	400%	1000%
500mA~25A(UL)	>4h	<1h	<10s	/	/	/
10A(GB)	>4h	/	<120s	50ms~10s	8ms~1s	≤100ms

Electrical Characteristics at 25 C									
Am p	Rated Current	Max.Voltag e	Nominal Melting I2t(A2sec)	Typical Cold Resistance (mΩ)	Breaking Capacity	Approvals			
						cULu s	cURu s	PSE	CQC
0500	500 mA		0.49	430	10KA@125VAC 35A@250VAC	●	○	○	○
0630	630 mA		0.81	310		●	○	○	○
0800	800 mA		1.21	192		●	○	○	○
1100	1.00 A		1.00	150		●	○	○	○
1125	1.25A		1.44	97		●	○	○	○

115 0	1.50 A	250V AC 125V AC	2.10	93	10KA@125VA C	●	○	○	○
120 0	2.00 A		7.29	68	100A@250VA C	●	○	○	○
125 0	2.50 A		11.2	47.3		●	○	○	○
130 0	3.00 A		24.0	36.0		●	○	○	○
131 5	3.15A		26.1	32.0		○	○	○	○
140 0	4.00 A		49.0	27.55	10KA@125VA C 200A@250VA C	●	○	○	○
150 0	5.00 A		81.0	18.8		●	○	○	○
160 0	8.00 A		121	15.5		●	○	○	○
180 0	8.00 A		219	11.5		●	○	○	○
210 0	10.00 A		324	9.06	400A@125VA C 200A@250VA C	●	●	○	●
212 0	12.00 A		729	6.94		○	●	○	○
215 0	15.00 A		1936	4.40		○	●	○	○
216 0	16.00 A		2025	4.00		○	●	○	○
220 0	20.00 A		3600	3.30		○	●	●	○
225 0	25.00 A		3844	2.92	400A@125VA C 100A@250VA C	○	●	○	○

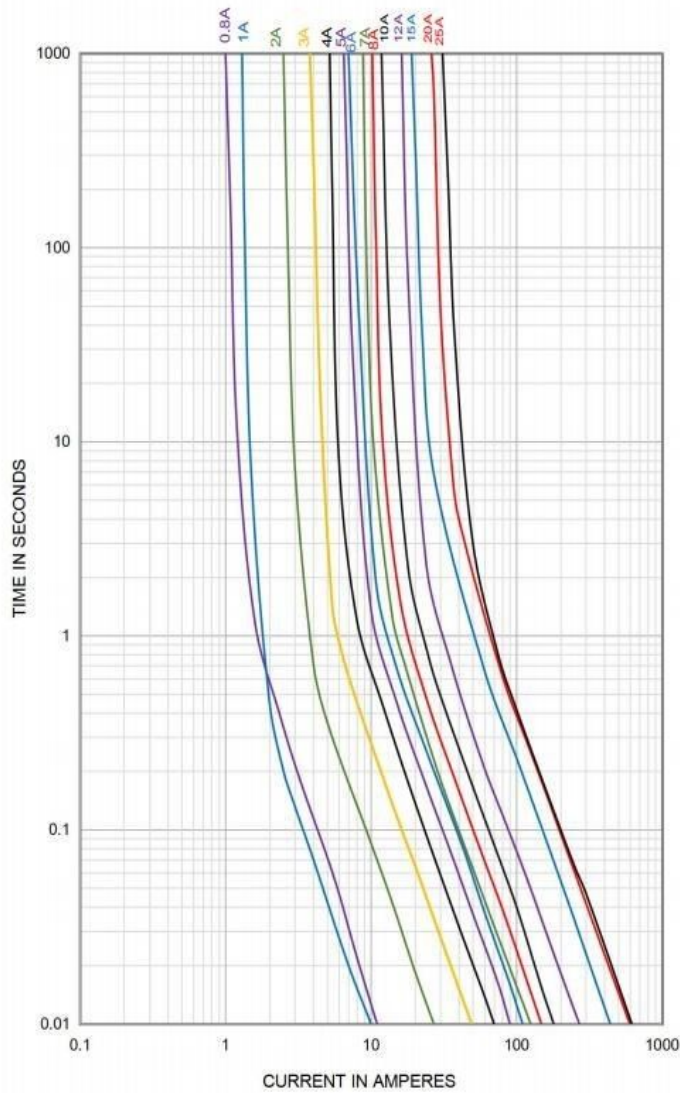
Notes : 1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)  
2. The current values used for calculating I<sup>2</sup>T should be within the standard range of 8ms ~ 10ms.

#### Dimensions (unit:mm)



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

Average Current Curve(I-T Curve)



DataSheet  
Download

**Series: 6X30mm tube fuse**

**Product Keywords: No.615/6\*30mm fast acting ceramic fuse**

Rated current: 500mA-10A

Voltage: 1000V Max

Certification: cURus

Type: Fast-acting ceramic fuse

Lead wire: W, W/O

615 series are high voltage and high breaking capacity fuses, which can be used in protection circuits with AC voltage 660V and breaking capacity less than 300A.

615 series fuses are used in telecommunication equipment protection circuits.

Time-current characteristics: fast acting fusing (F)

Dividing ability: 300A@660Vac, on

Standard: UL 248-14

Certified by: cURus

Material: shell - ceramic tube, metal cap - nickel - plated brass, lead cap - nickel - plated cap, tin - plated copper wire

Operating temperature: -55℃ ~ +125℃

Solderability: 260℃≤5 seconds (wave soldering);350℃≤3 seconds (manual welding)

Welding temperature bearing capacity: 260℃, 10 seconds;280℃, 5 seconds;

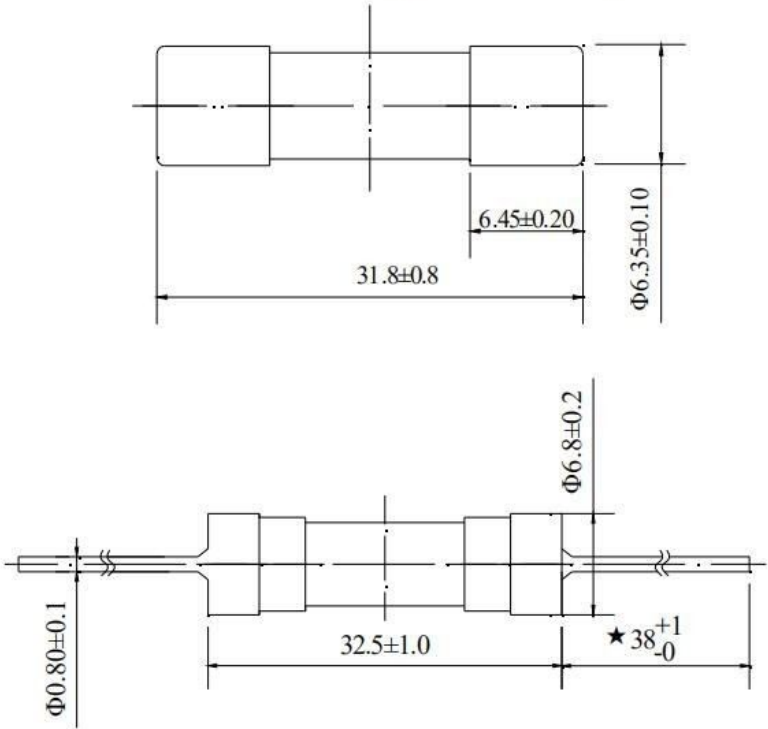
Storage condition: +10℃ ~ +60℃;The annual average relative humidity is less than 75%, and the relative humidity reaches 95% for a maximum of not more than 30 days

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 I²t(A²sec)	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		●

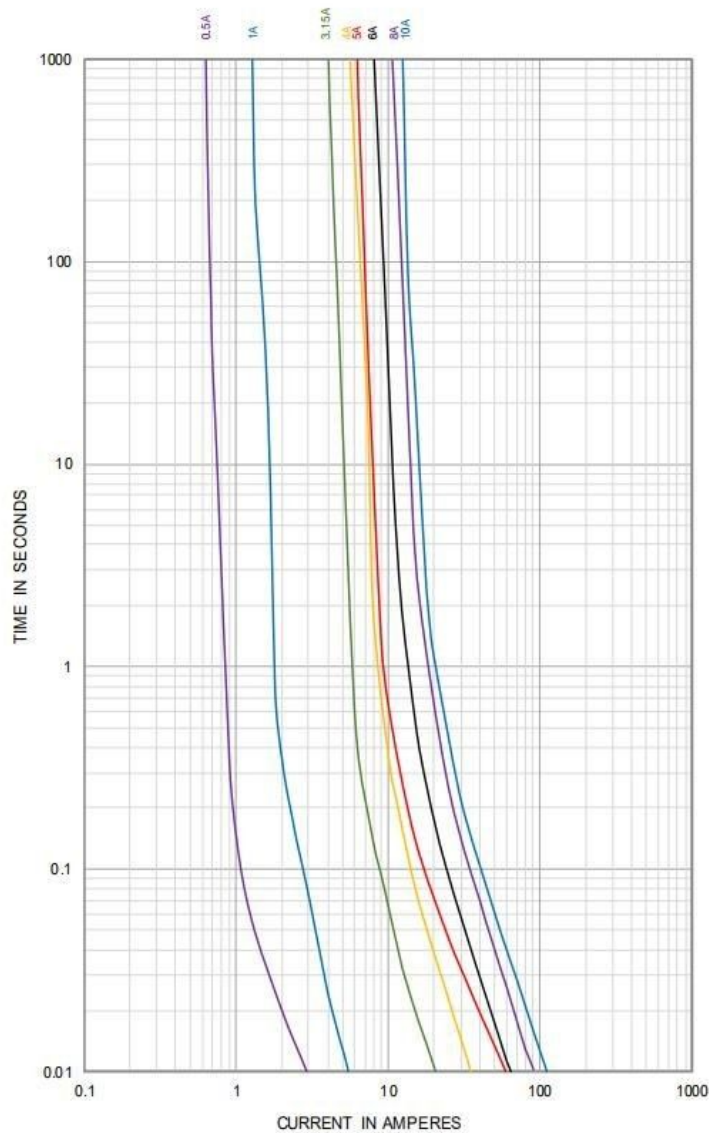
Note: Permissible continuous operating current is ≤100% at ambient temperature of 23℃ (73.4°F)

Dimensions (unit in mm)



★:  
Short lead: 30mm

## Average Time Current(I-T Curve)



### Series: 6X30mm tube fuse

**Product Keywords:** No.619/6\*30mm fast-acting ceramic fuse

Rated current: 15A-40A

Rated voltage: 150V DC 660V AC 500V AC

Certification: cURus

Type: Fast-acting ceramic fuse

Lead wire: W, W/O

619 series are high voltage and high breaking capacity fuses, which can be used in protection circuits with AC voltage of 500/660V and breaking capacity less than 800A.

619 Series fuses are used in telecommunication equipment protection circuits.

Time-current characteristics: fast fusing (F)

Dividing ability: 200A@150VDC, SH AC, SH AC

Standard: UL 248-14

Certified by: cURus

Material: shell - ceramic tube, metal cap - nickel - plated brass, lead cap - nickel - plated cap, tin - plated copper wire

Operating temperature: -55°C ~ +125°C

Solderability: 260°C≤5 seconds (wave soldering);350°C≤3 seconds (manual welding)

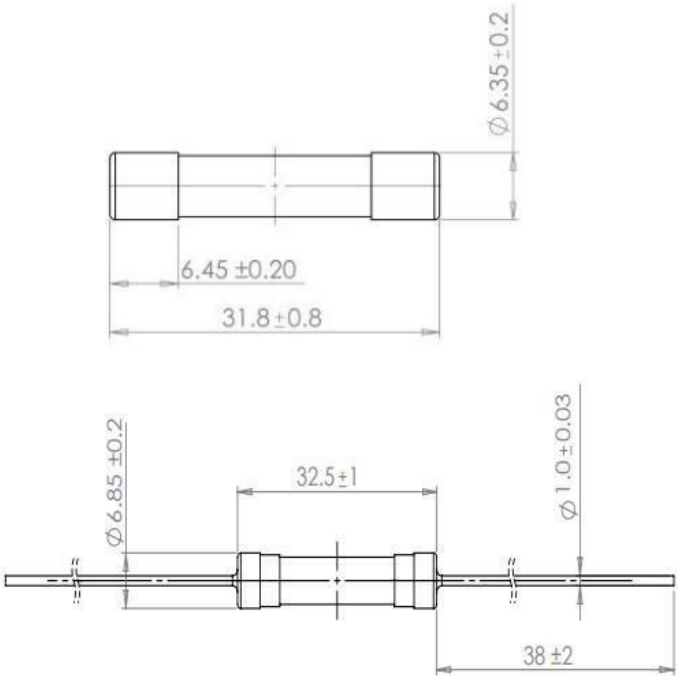
Welding temperature bearing capacity: 260°C, 10 seconds;280°C, 5 seconds;

Storage condition: +10°C ~ +60°C;The annual average relative humidity is less than 75%, and the relative humidity reaches 95% for a maximum of not more than 30 days

Electrical Characteristics at 25°C						
Amp Code	Rated Current	Rated voltage	Typical Cold Resistance (mΩ)	Nominal Melting I <sup>2</sup> t(A <sup>2</sup> sec)	Breaking Capacity	Approvals
						cURus
2150	15.00A	150V DC 660V AC 500V AC	6.28	182.3	200A@150VDC 400A@660V AC 800A@500V AC	●
2200	20.00A		4.32	672		●
2250	25.00A		3.02	2425		●
2300	30.00A		2.31	4185		●
2350	35.00A		2.05	5023		●
2400	40.00A		1.78	8000		●

Note: The current values used for calculating I<sup>2</sup>T should be at 10In.

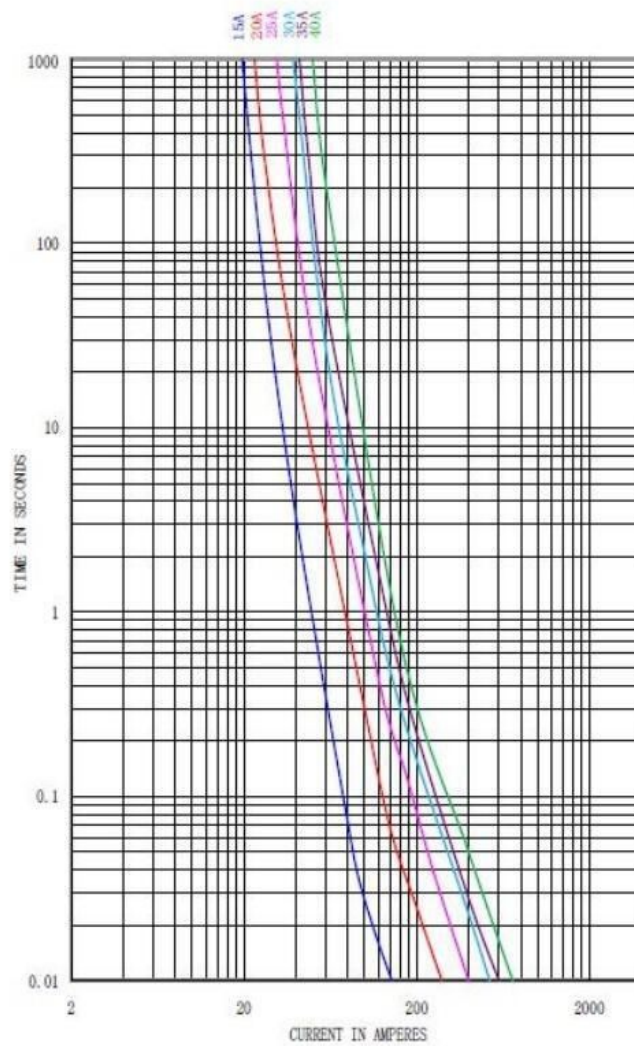
Dimensions (unit: mm)



★ 15.0A~30A:Φ1.0mm  
>30A: Φ1.0mm



## Average Time Current(I-T Curve)



## CURRENT FUSE





## FUSE LINK AND FUSE BASE



**Dongguan Linkun Electronic Technology Co., Ltd.**



13423305709



huangju@lk-ptc.com



lk-thermistor.com

Room 101, No. 21, Huayuanzai Road, Chongmei, Chashan Town, Dongguan City, Guangdong Province