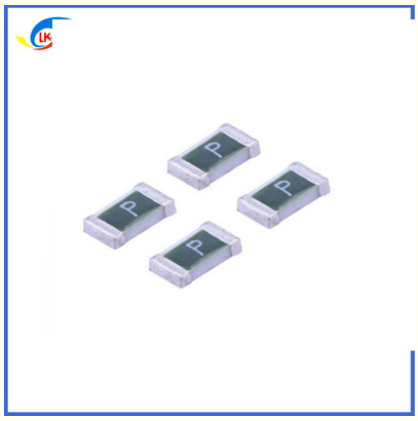
Time Lag SMD Fuse 1206 4A 63V 12H Lithium Battery Fuse Disposable UL

Our Product Introduction

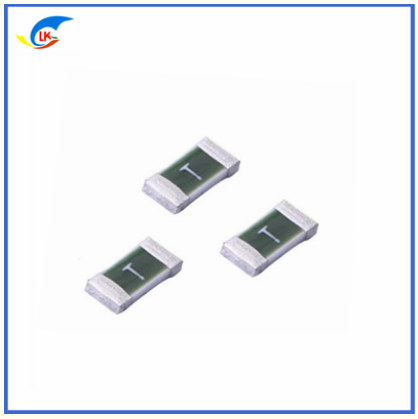
Basic Information

- Place of Origin: China DongGuang
- Brand Name: LINKUN
- Certification: UL ROHS
- Model Number: 1206 T
- Minimum Order Quantity: 2000 pieces
- Price: Negotiation
- Packaging Details: 3000pcs Tape&Reel
- 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: 250mA-10A
- Rated Voltage: 125Vdc/ 72Vdc/63Vdc/32Vdc/24Vdc
- Size: 1206
- Type: Time-lag
- Series: 1210
- Feature: Compatible With Reflow And Wave Solder
- Application: Secondary Circuit Protection, Etc
- Solder Pot Temperature: 260°C Max
- Solder Dwell Time: 10 Seconds Max
- High Light: SMD Fuse 1206 4A 63V 12H Lithium Battery Fuse
- Highlight: **Time Lag SMD Fuse**, **63V SMD Fuse**



More Images

Product Description

SMD Fuse 1206 4A 63V 12H Lithium Battery Fuse Disposable Fuse UL

Product Description:

1206 Electronic Components Miniature Chipe Type Slow Blow Time-lag Time-Lag SMD Surface Mount Fuses

Electrical Characteristcs

Rated Current	% of AmpRating	Opening Time
250mA~10A	100%	4hours, min
1A~3A	200%	1.0s - 60 s
1A~5A	250%	5.0s max
1A~5A	300%	0.1s - 3.0 s
250mA~750mA	350%	5.0s max
6A~10A	350%	5.0s max
250mA~10A	1000%	0.2ms - 20.0 ms

Specification

Part No.	Rated Voltage			Rated Current	Breaking Capacity			Typical Cold Resistance (mOhms)²	Typical Voltage Drop (mV)	Typical Pre-Arcing I²t (A²Sec)³	Marking
12.100.0.25	72Vdc 125Vdc	63Vdc	32Vdc 24Vdc	250mA	100A @ 72Vdc 125 Vdc	100A @ 63Vdc	100A@ 32Vdc 300A@ 24Vdc	3700	1350	0.00038	I
12.100.0.375				375mA				1850	720	0.00077	E
12.100.0.5				500mA				1050	690	0.0019	B
12.100.0.75				750mA				775	680	0.15	C
12.100.1				1A				485	550	0.18	H
12.100.1.5				1.5A				218	355	0.4	K
12.100.2				2A				133	310	1.1	N
12.100.2.5				2.5A				79	230	1.7	O
12.100.3				3A				49	185	2.2	P
12.100.3.5				3.5A	-			37	175	2.7	R
12.100.4				4A				33	160	3.2	S
12.100.4.5				4.5A				28	150	4.2	X
12.100.5				5A				22	135	6	T
12.100.6		-		6A		-		15.5	140	12	F
12.100.7				7A				11.5	120	18	J
12.100.8				8A				8.0	100	18	V
12.100.10				10A				7.0	90	30	U

Description

1206 SLOW BLOW SMD FUSE

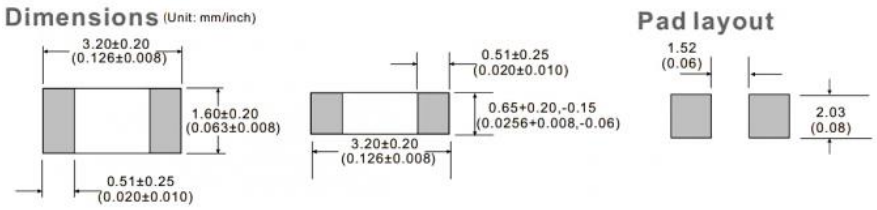
12.100 Series are the fuses set the industry standard for performance, reliability and quality. The solder-free design provides excellent on-off and temperature cycling characteristics during use and also makes our SMD fuses more heat and shock tolerant than typical subminiature fuses.

Features

Rapid interruption of excessive current
Compatible with reflow and wave solder
Ceramic and glass construction
One time positive disconnect
Lead free and Halogen free material

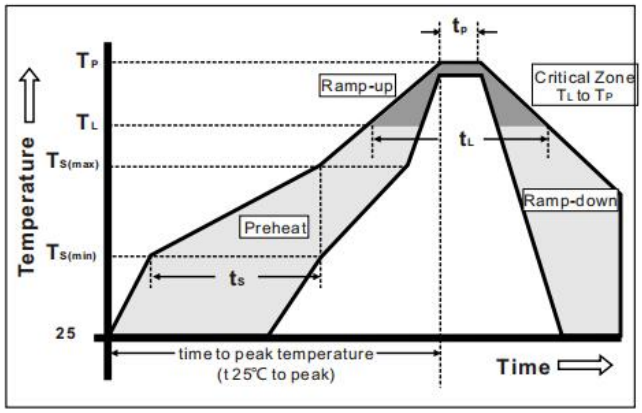
Applicatons

Secondary circuit protection
Laptop, notebook, netbook
Flat panel displays
High definition television(HDTV)
LCD/LED backlighting Computers and peripherals
Gaming console systems
Handheld/portable equipment
Mobile device charges
Automotive
Central body control module
Heating ventilation and air conditioning
Doors,window lift and seat control
Digital instrument cluster
In-vehicle infotainment and navigation
Electric pumps,motor control
Powertrain control module(PCU)/Engine
Transimission Control Unit(TCU)



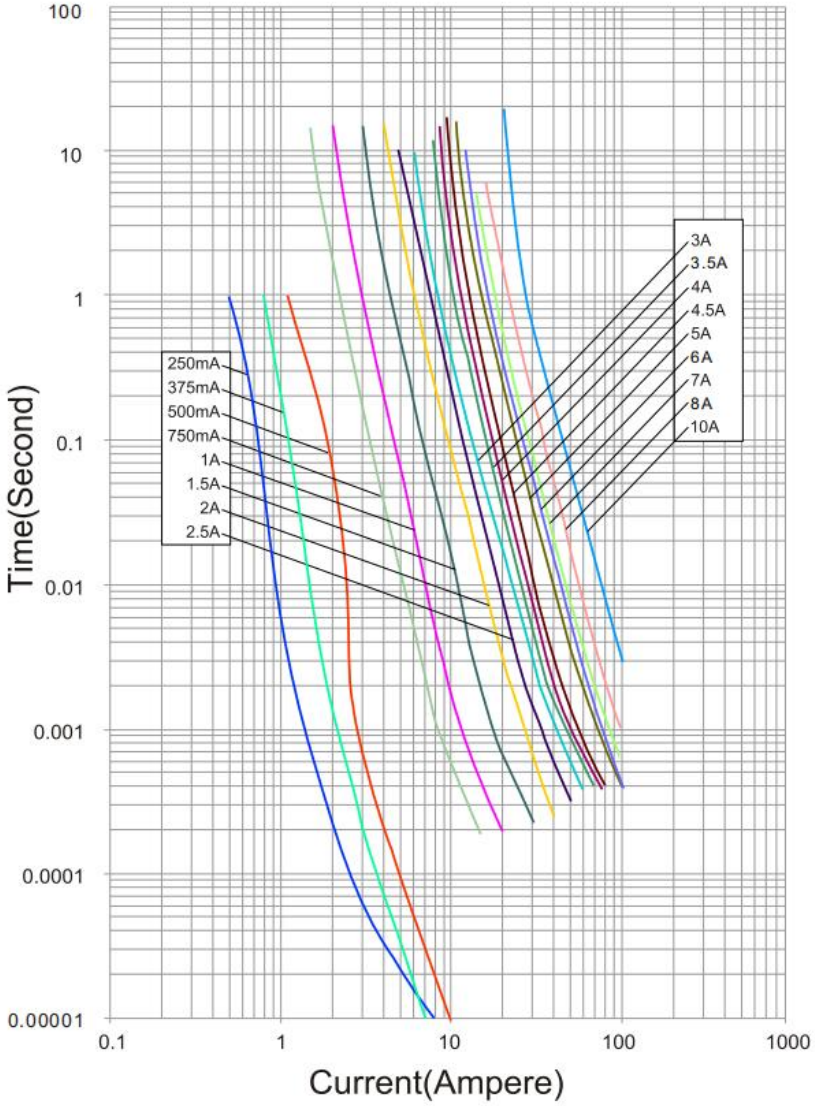
Installation Recommendations

Reflow Conditon		Pb-free assembly
Pre Heat	- Temperature Min (Ts(min))	150°C
	- Temperature Max (Ts(max))	200°C
	- Time (Min to Max) (ts)	60 – 120 seconds
Average Ramp-up Rate (Liquidus Temp (TL) to peak)		3°C/second max.
TS(max) to TL - Ramp-up Rate		5°C/second max.
Reflow	- Temperature (TL) (Liquidus) - Temperature (tL)	217°C 60 – 150 seconds
Peak Temperature (TP)		260+0/-5°C
Time within 5°C of actual peak Temperature (tp)		30 seconds
Ramp-down Rate Time 25°C to peak Temperature (TP) Do not exceed		6°C/second max 8 minutes max. 260°C



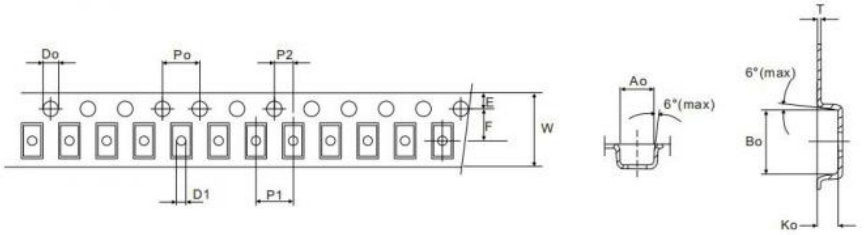
Product Characteristics

Materials	Body: Ceramic Terminatons: Silver over-plated with tin Element: Alloy(Ag,Cu,Zn) Cover Coat:Glass
Operatng Temperature	-55°C to 125°C Consult temperature rerating curve chart.
Thermal Shock	300 cycles -55°C to 125°C
Humidity	MIL-STD-202F, Method 103B,Condition D
Vibraton	Per MIL-STD-202F, Method 201A
Insulaton Resistance (Afer Opening)	Greater than 10,000 ohms
Resistance to Soldering Heat	MIL-STD-202G,Method 210F, Condition D

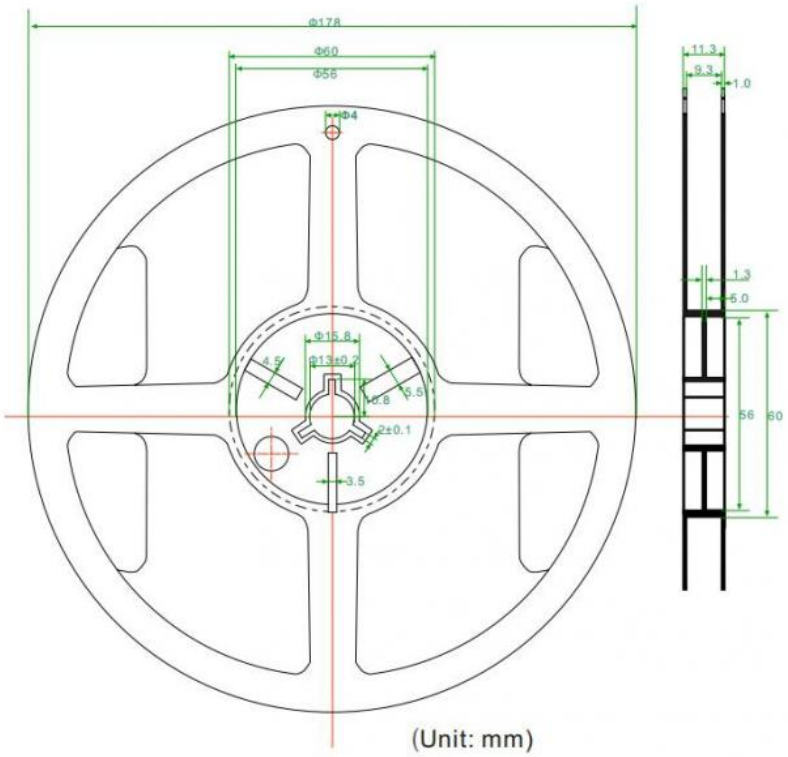


Packaging

3,000 pieces of fuses in plastic or paper taper

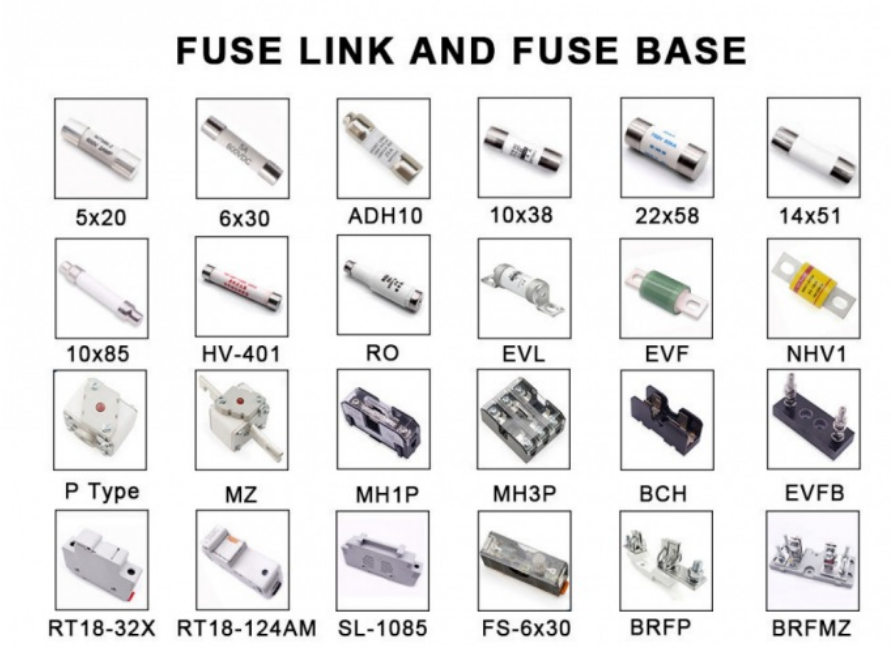


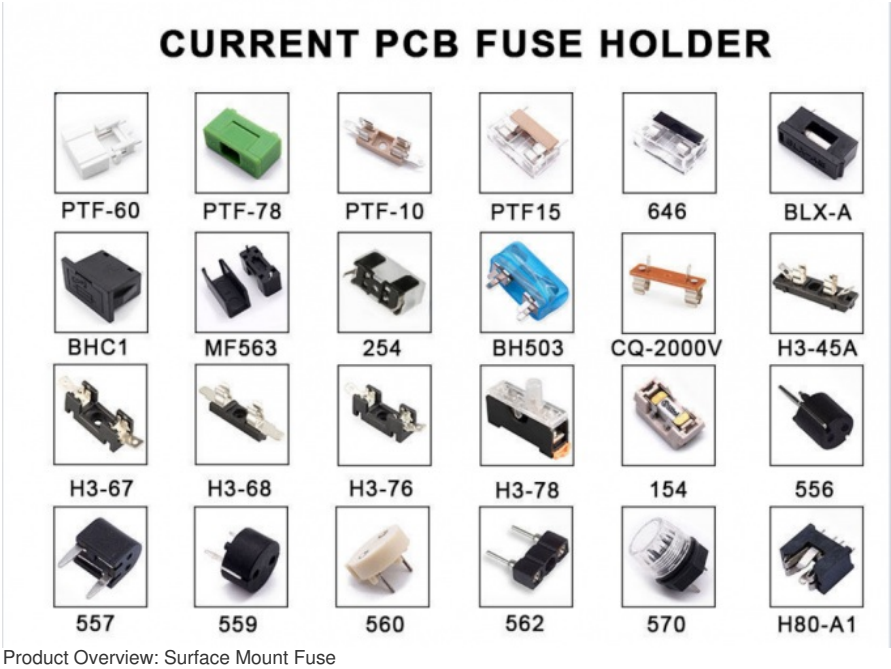
Symbol	Ao	Bo	Ko	Po	P1	P2
Spec	1.80±0.10	3.50±0.10	1.27±0.10	4.00±0.10	4.00±0.10	2.00±0.10
Symbol	E	F	Do	D1	W	T
Spec	1.75±0.10	3.50±0.10	1.50±0.10	1.00(Max)	8.00±0.10	0.23±0.02



(Unit: mm)

CURRENT FUSE





Product Overview: Surface Mount Fuse

The Surface Mount Fuse, also known as the 2410 SMD Fuse, 1032 SMD Fuse, or 1031 SMD Fuse, is a small, compact and highly efficient fuse designed for surface mount applications. This fuse is designed to protect electronic circuits from overcurrent conditions, ensuring the safety and reliability of your electronic devices.

Resistance Tolerance

The Surface Mount Fuse comes in three different resistance tolerances: F=±1%, G=±2%, and J=±5%. This allows for precise and accurate protection of electronic circuits, catering to different levels of current ratings and applications.

Rated Current

The Surface Mount Fuse has a rated current of 2A, making it suitable for a wide range of electronic devices. This rating ensures that the fuse can handle a maximum current of 2A without sacrificing its performance.

Current Ratings

The Surface Mount Fuse is available in a range of current ratings, from 50mA to 15A. This wide range of current ratings allows for versatile application, catering to various electronic devices with different current requirements.

Gross Weight

The gross weight of the Surface Mount Fuse is only 0.15 G, making it lightweight and ideal for compact electronic devices. Its small size and weight make it suitable for use in portable and handheld devices, without adding any extra bulk.

Fuse Element

The Surface Mount Fuse's fuse element is made of Cu-Ag Alloy Wire, which has excellent conductivity and low resistance. This ensures that the fuse can handle high currents without overheating or damaging the electronic circuit.

Conclusion

The Surface Mount Fuse, with its small size, high efficiency, and versatile current ratings, is the ideal choice for protecting electronic circuits in a wide range of applications. Its resistance tolerance, rated current, and lightweight design make it a reliable and essential component in electronic devices.

Features:

Product Name: Surface Mount Fuse

Factory Pack Quantity: 1000
UI Recognized: 1A-20A
Width: 0.81mm
Package: Tape In Reel
Fuse Element: Cu-Ag Alloy Wire
Suitable for surface mount applications
Available in 1032 and 1031 SMD Surface Mount Fuses
Compatible with surface mount fuse holders
SMT fuse holder also available
Available in 1A-20A ratings
Width of 0.81mm for compact design
Made with Cu-Ag alloy wire for high conductivity and durability

Technical Parameters:

Product Name	SinglFuse
Tradename	SinglFuse
Rated Current	2A
Current Ratings	50mA-15A
UI Recognized	1A-20A
Power	0.125W/0.25W/0.5W/1W/2W
Fuse Element	Cu-Ag Alloy Wire
Voltage	350V
Package	Tape In Reel
SPQ (Standard Package Quantity)	1500PCS Per Reel
Mounting	SMD
6125 Brick Surface Mount Fuses	2410 SMD Fuse
2410 SMD Fuse	6125 Brick Surface Mount Fuses

Applications:

Surface Mount Fuse - Protecting Electronic Devices with LINKUN 2410 SBF

LINKUN 2410 SBF is a type of surface mount fuse that is specifically designed to provide reliable and efficient circuit protection for electronic devices. With its advanced technology and high-quality materials, this fuse is perfect for a variety of applications in different industries.
Brand Name: LINKUN

LINKUN is a leading manufacturer of electronic components in China. With years of experience and expertise in the field, LINKUN is committed to providing high-quality and reliable products to meet the needs of customers worldwide.
Model Number: 2410 SBF

The 2410 SBF is one of LINKUN's flagship products in the 6125 Brick Surface Mount Fuses series. This compact and efficient fuse is designed to fit perfectly in surface mount applications, making it the ideal choice for electronic devices.
Place of Origin: China DongGuang

All LINKUN products, including the 2410 SBF, are proudly made in DongGuang, China. This city is known for its advanced technology and high-quality manufacturing, which ensures that the 2410 SBF is made with the best materials and processes available.
UI Recognized: 1A-20A

The 2410 SBF is UL recognized for its exceptional performance and safety standards. It is available in a wide range of current ratings, from 1A to 20A, providing flexibility and versatility for different applications.
Fuse Element: Cu-Ag Alloy Wire

The fuse element of the 2410 SBF is made of Cu-Ag alloy wire, which is known for its high conductivity, low resistance, and excellent thermal and electrical properties. This ensures that the fuse can effectively handle high current loads and provide reliable protection for electronic devices.
Speed: Slow Blow

The 2410 SBF is a slow blow fuse, which means it can withstand high current surges without immediately blowing. This feature is crucial in protecting sensitive electronic devices from sudden power fluctuations and surges.
Spq: 1500PCS Per Reel

The 2410 SBF is available in reels of 1500 pieces per reel, making it convenient and cost-effective for manufacturers to use in their production processes. The reel packaging also ensures that the fuses are protected during transportation and storage.
Rated Current: 2A

The 2410 SBF has a rated current of 2A, which is suitable for a wide range of electronic devices, including computers, televisions, audio equipment, and more. It is designed to provide reliable and efficient circuit protection without compromising performance.
Applications and Scenarios

The 2410 SBF is widely used in various industries and applications, including:

Circuit protection for electronic devices

Power supplies

Telecommunications equipment

Industrial control systems

Home appliances

Automotive electronics

Whether it's in consumer electronics or industrial equipment, the 2410 SBF is the perfect choice for reliable and efficient circuit protection. Get Your 2410 SBF from LINKUN Today

In conclusion, the LINKUN 2410 SBF is a top-of-the-line surface mount fuse that provides excellent circuit protection for electronic devices. With its advanced technology, high-quality materials, and versatility, it is the go-to choice for manufacturers and engineers worldwide. Don't wait any longer, get your 2410 SBF from LINKUN today and experience the best in circuit protection for your electronic devices.

Customization:

LINKUN 2410 SBF Surface Mount Fuse Customized Service

Brand Name: LINKUN
Model Number: 2410 SBF
Place of Origin: China DongGuang
Package: Tape In Reel
Width: 0.81 Mm
Current Ratings: 50mA-15A
Mounting: SMD
Spq: 1500PCS Per Reel
At LINKUN, we understand the importance of customized solutions for our customers. That's why we offer a wide range of customization options for our 2410 SBF Surface Mount Fuse. Our SMD 0603 Surface Mount Fuses and 6125 Brick Surface Mount Fuses are designed with high-quality materials to ensure reliable performance.
With our customized design service, we can tailor the 2410 SBF Fuse to meet your specific needs. We offer a variety of options for packaging, including Tape In Reel packaging for easy handling and storage.
We also offer a wide range of current ratings for the 2410 SBF Fuse, from 50mA to 15A, to meet the requirements of different applications. And with our fast delivery service, you can trust us to deliver your customized fuses in a timely manner.
Choose LINKUN for your 2410 SBF Surface Mount Fuse needs and experience our high-quality products and excellent customized services. Contact us now for more information!

Packing and Shipping:

Surface Mount Fuse Packaging and Shipping

The packaging and shipping process for Surface Mount Fuse involves the following steps:

1. The fuses are first placed into anti-static bags to prevent any damage from electrostatic discharge.
2. The anti-static bags are then placed into a cardboard box with protective padding to ensure safe transport.
3. The box is then sealed and labeled with the product name, quantity, and any necessary safety information.
4. The boxes are then stacked onto pallets for transportation.
5. The pallets are secured and loaded onto a truck or shipped via air or sea freight, depending on the destination.
6. Upon arrival at the destination, the boxes are unloaded and stored in a temperature-controlled environment to maintain product integrity.
7. The fuses are then ready to be distributed to customers.

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