



1206 SMD One Time Blow Fuse 0.25A 0.5A 0.75A 1A 1.5A 2A 3A 5A 63 V

Our Product Introduction

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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
- Mounting: SMD
- Rated Voltage: 125Vdc/ 72Vdc/63Vdc/32Vdc/24Vdc
- Size: 1206
- Type: Time-lag
- Style: Surface Mount Fuses
- 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: 1206 Fuse SMD One-Time Blow Fuse 0.25A 0.5A 0.75A



More Images



Product Description

1206 Fuse SMD One-Time Blow Fuse 0.25A 0.5A 0.75A 1A 1.5A 2A 3A 5A 63(V)

Product Description:

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



Electrical Characteristics

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 I ² t (A ² Sec) ³	Marking
12.100.0.25	72Vdc c 125Vdc 63Vdc	250mA	100A @ 72Vdc c 125Vdc 100A @ 63Vdc c	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.

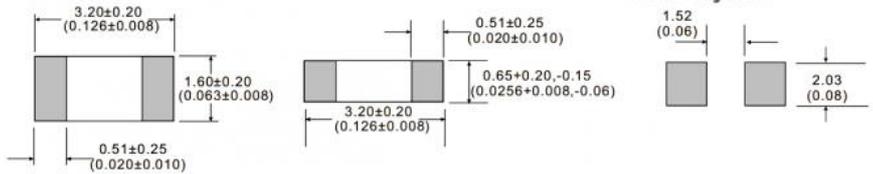
Features

- 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

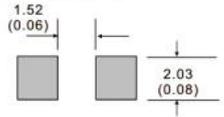
Applications

- 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
- Transmission Control Unit(TCU)

Dimensions (Unit: mm/inch)

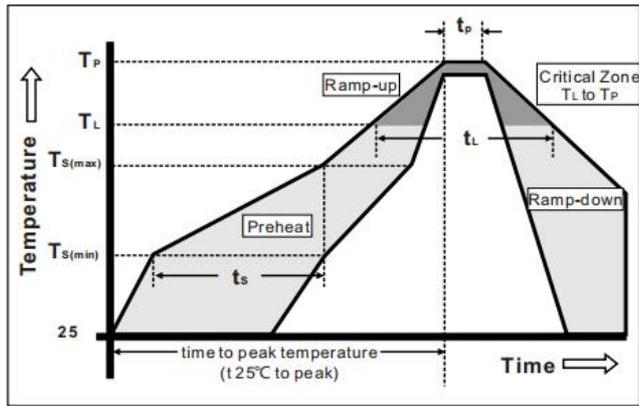


Pad layout



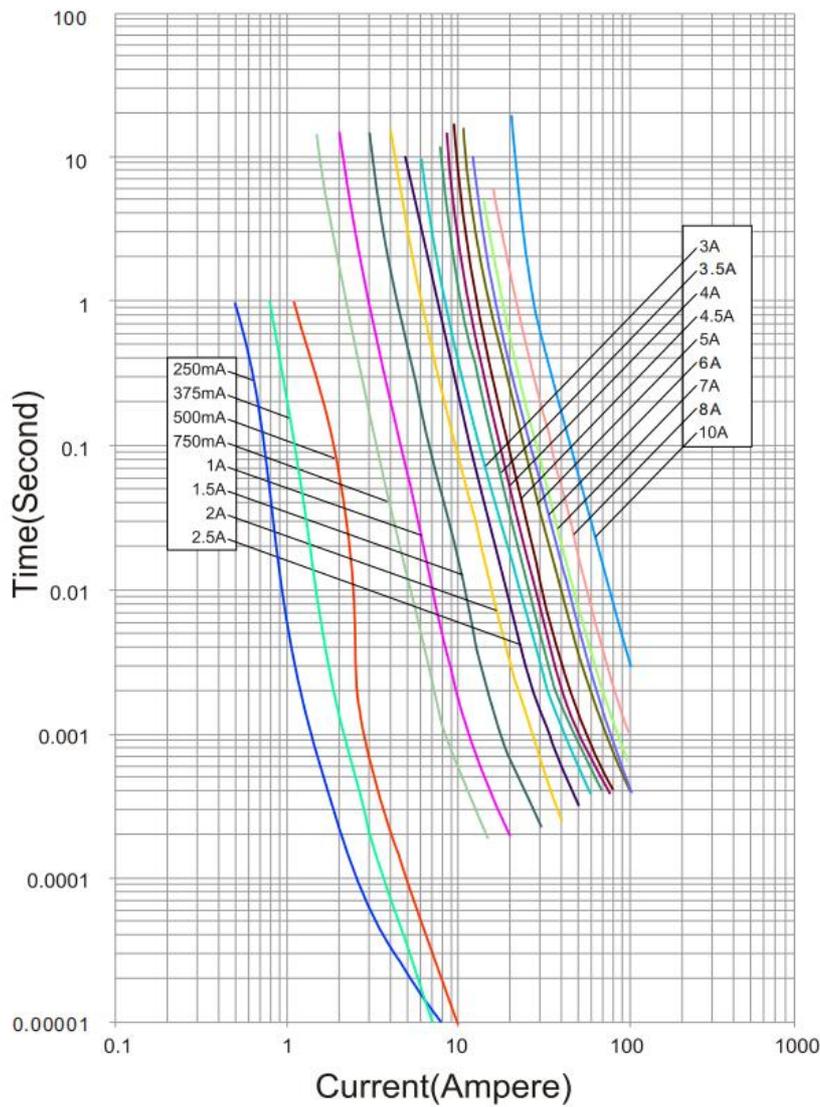
Installation Recommendations

Reflow Condition		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)	217°C
	- Temperature (tL)	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



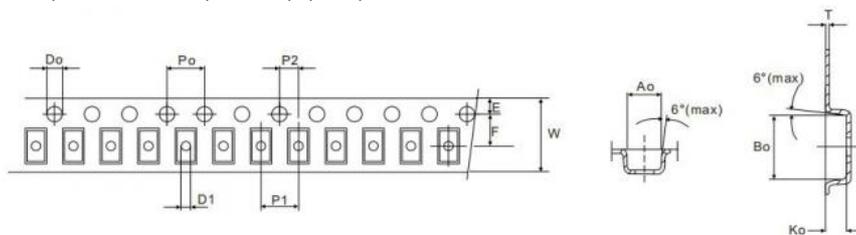
Product Characteristics

Materials	Body: Ceramic Terminators: 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

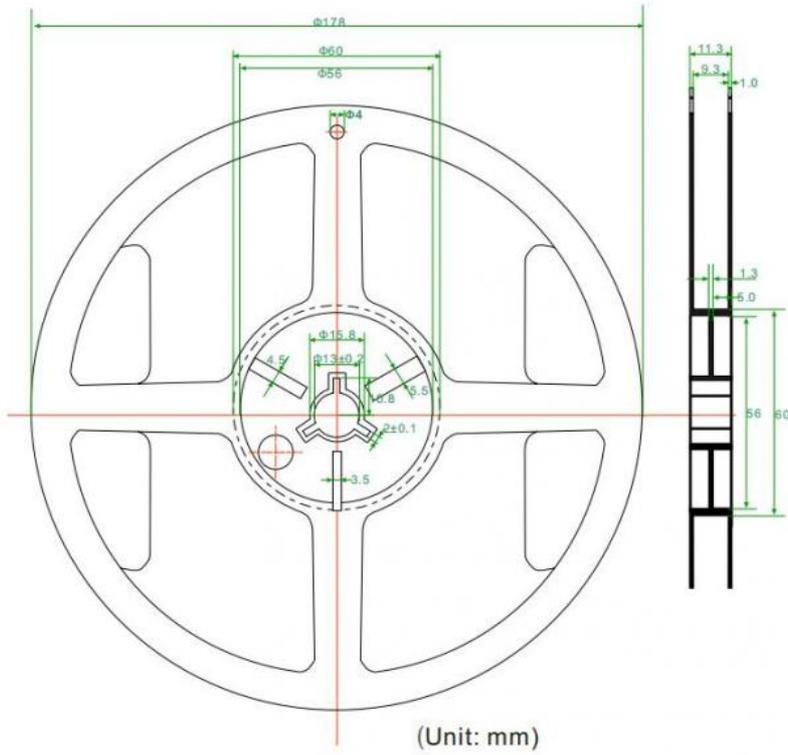


Packaging

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



CURRENT FUSE



FUSE LINK AND FUSE BASE



AUTO FUSE



INLINE BLADE FUSE HOLDER



Product Overview: Surface Mount Fuse - SinglFuse

The Surface Mount Fuse, also known as SinglFuse, is a type of fuse specifically designed for surface mount applications. It is a small, compact and high-performance fuse that is widely used in various electronic devices for overcurrent protection. The SinglFuse is a part of the 6125 Brick Surface Mount Fuses series, with the SMD 0603 Surface Mount Fuses being the most popular size.

UL Recognized for Safety

The SinglFuse has been UL Recognized, ensuring its compliance with safety standards and regulations. This means that the fuse has been tested and certified to meet the requirements for overcurrent protection, providing peace of mind to users.

Wide Range of Current Ratings

The SinglFuse is available in a range of current ratings from 1A to 20A, making it suitable for a variety of applications. These ratings are carefully selected to meet the needs of different electronic devices, providing reliable protection against overcurrent and short circuits.

Lightweight and Compact Design

The SinglFuse has a gross weight of only 0.15 G, making it a lightweight and compact solution for overcurrent protection. Its small size allows for easy installation on circuit boards, saving valuable space and reducing production costs.

SMD Mounting for Easy Installation

The SinglFuse is designed for SMD (Surface Mount Device) mounting, which is a popular method for attaching electronic components to circuit boards. This type of mounting allows for automated production processes, reducing the time and cost of installation.

High Quantity per Reel

The SinglFuse is packaged in reels with a standard quantity of 1500 pieces per reel. This high quantity per reel makes it a cost-effective solution for manufacturers, reducing the need for frequent reel changes and increasing production efficiency.

Overall, the SinglFuse is a reliable, safe, and efficient solution for overcurrent protection in surface mount applications. Its UL Recognized certification, wide range of current ratings, lightweight and compact design, SMD mounting, and high quantity per reel make it the top choice for electronic manufacturers.

Features:

Product Name: Surface Mount Fuse

Fuse Element: Cu-Ag Alloy Wire

Resistance Tolerance: F=±1%,G=±2%,J=±5%

Speed: Slow Blow

Mounting: SMD

Factory Pack Quantity: 1000

Other variations available: 6125 Brick Surface Mount Fuses, 2410 SMD Fuse

Technical Parameters:

Applications:

Surface Mount Fuse for Reliable Overcurrent Protection – LINKUN 2410 SBF

Welcome to the world of LINKUN 2410 SBF - the perfect solution for your overcurrent protection needs. Our surface mount fuse is designed to meet the highest standards of safety and reliability, making it a popular choice for various electronic applications.

Brand Name and Model Number

LINKUN is a well-known brand in the electronics industry, and our 2410 SBF is one of our most popular products. The model number 2410 indicates the size of the fuse, which is 2.4mm x 1.0mm, and SBF stands for "surface mount fuse".

Origin and Mounting

Our 2410 SBF fuses are proudly made in China, specifically in the city of DongGuang. They are designed to be mounted on the surface of a printed circuit board (PCB), making them easy to install and replace.

Fuse Element

The fuse element is the heart of any fuse, and ours is made of high-quality Cu-Ag alloy wire. This material offers excellent conductivity and resistance to heat, ensuring the fuse can handle high currents without melting or breaking.

Package and Tradename

The 2410 SBF fuses come in a convenient tape in reel package, making them suitable for mass production in electronic manufacturing. They are also known by the tradename SinglFuse, which represents their single-use design.

Rated Current

The 2410 SBF fuses have a rated current of 2A, which means they can handle a maximum current of 2 amps without blowing. This makes them ideal for protecting sensitive electronic circuits from overcurrent damage.

Application and Usage Scenario

The 2410 SBF fuses are widely used in various electronic applications, such as power supplies, battery chargers, LED lighting, and motor control systems. They are essential for protecting these devices from short circuits and overloads, ensuring their safe and reliable operation.

For example, imagine a power supply circuit that is connected to multiple electronic devices. If there is a short circuit in one of the devices, it can cause a surge of current that can damage the entire circuit. However, with the 2410 SBF fuse in place, it will quickly blow and cut off the flow of current, preventing any damage to the circuit.

In another scenario, let's say you are using an LED lighting system in your home. If there is a sudden spike in the power supply, it can cause the LEDs to burn out. But with the 2410 SBF fuse installed, it will act as a safety barrier and prevent any overcurrent from reaching the LEDs, saving you from costly repairs.

Conclusion

The LINKUN 2410 SBF is a highly reliable and efficient surface mount fuse that offers excellent overcurrent protection for various electronic applications. With its compact size, strong fuse element, and easy installation, it is the perfect choice for any circuit that requires a dependable safety measure. Trust LINKUN for all your fuse needs and ensure the safety of your electronic devices.

Customization:

LINKUN Surface Mount Fuse Customized Service

LINKUN provides customizable services for our SMD 0603 Surface Mount Fuses, model number 2410 SBF. Our fuses are manufactured in our factory in China DongGuang and are designed to meet the specific needs of our customers.

Product Details

Brand Name: LINKUN
Model Number: 2410 SBF
Place of Origin: China DongGuang
Rated Current: 2A
Package: Tape In Reel
UI Recognized: 1A-20A
Speed: Slow Blow
Factory Pack Quantity: 1000

Customization Options

At LINKUN, we understand that every project has unique requirements and we offer customizable options to meet those needs. Our customization options include:

Adjusting the rated current to fit your application

Customized packaging options

Personalized labeling with your company logo

Customized fuse length for space-saving solutions

For more information on our customization options, please contact our sales team.

Why Choose LINKUN?

There are many reasons why LINKUN is the best choice for your surface mount fuse needs:

Over 10 years of experience in the industry

State-of-the-art manufacturing facility in China DongGuang

High-quality products with UL recognition

Strict quality control measures to ensure product reliability

Competitive pricing and fast delivery

Expert technical support and customer service

Choose LINKUN for all your surface mount fuse needs. Contact us today for a customized quote and see the difference our products and services can make for your business.

Packing and Shipping:

Packaging and Shipping of Surface Mount Fuse

The Surface Mount Fuse is carefully packaged to ensure its safety and protection during shipping. The packaging materials used are of high quality and are designed to withstand any potential damage during transportation.

Packaging Materials

Anti-static bags

Bubble wrap

Cardboard box

Packaging Process

First, the Surface Mount Fuse is placed in an anti-static bag to prevent any static electricity from damaging the product. Then, the bag is wrapped with bubble wrap to provide additional protection against any impact during shipping.

After that, the wrapped product is placed in a sturdy cardboard box, which is then sealed and labeled with the necessary information, such as product name, model number, and shipping address.

Shipping Methods

The Surface Mount Fuse can be shipped through various methods, depending on the customer's preference and location. These methods include:

Standard shipping

Express shipping

International shipping

We work with trusted shipping carriers to ensure prompt and secure delivery of our products to our customers worldwide.

For bulk orders, special packaging and shipping arrangements can be made to meet the specific needs of our customers.

Shipping Documents

Along with the product, we provide all the necessary shipping documents, including a commercial invoice, packing list, and certificate of origin, to facilitate smooth customs clearance and delivery of the product.

Thank you for choosing our Surface Mount Fuse. We are committed to providing high-quality products and ensuring their safe delivery to our 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