



安全联络 数亿选择

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LUOYI
— 络亿 —



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COMPANY PROFILE

公司简介



东莞市络亿电子科技有限公司是集研发，生产，销售于一体的过流保护元器件的制造商，公司成立于2012年，目前厂房面积2500平方，拥有各种先进的自动化加工组装和检测设备，产品分为一次性保险丝（方形塑封系列，玻璃管系列，陶瓷管系列）和自恢复保险丝（贴片系列，插件系列，电池片系列）产品广泛用于电源适配器、家用电器、照明电器、通讯设备等各种电子电器设备中。公司产品已通过中国CCC 美国UL 德国VDE 韩国KC 日本PSE 等安规认证，并且符合ROHS 环保指令和REACH 法规要求，公司成立以来坚持以人为本，以科技创新为根本，严把质量关，永无止境的追求品质的完美，一丝不苟地满足客户的需求，努力为客户提供最优秀的产品和服务。

感谢一直以来的支持及配合，期待与您的进一步合作！

Dongguan Luoyi Electronic Technology Co., Ltd. is a manufacturer of over-current protection components, which integrates R & D, production and sales. The company was founded in 2012, with a plant area of 2500 square meters. With a variety of advanced automatic processing, assembly and testing equipment, the products are divided into disposable fuse (square plastic seal series, glass pipe series, ceramic pipe series) and self-recovery fuse (patch series, plug-in series). Battery chip series) products are widely used in power adapters, household appliances, lighting appliances, communication equipment and other electronic and electrical equipment. The company's products have passed through China CCC American UL Germany VDE Korea KC Japan PSE and other safety regulations certification, and in line with ROHS environmental protection instructions and REACH regulations requirements, since the establishment of the company adhere to people-oriented, scientific and technological innovation as the foundation, strict quality control, endless pursuit of quality perfection, Meticulous to meet the needs of customers, and strive to provide customers with the best products and services.

Thank you for your support all along, we look forward to establishing further business relationship with you.



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保 险 管

保险丝是一个安全元件，在电路中处于对电流故障最敏感反映的位置，它是以自己的损坏来达到保护整个线路的安全，如何正确选用熔断体就显得格外重要。保险管的选用可依以下流程：

需考虑因素

由于对熔断体设计观点不同，目前国际上对熔断体已形成两大标准体系。

- 1、美国、加拿大 UL、CSA为代表的北美标准体系。
- 2、以欧洲、英国、德国 BS、VDE为代表的 IEC 国际电工委员会标准体系

这两大标准在具体的熔断体指标上是不兼容的。为了解决两大标准不相容的状态，UL标准体系作了以下变通：

- (1) UL为代表的北美标准兼顾 IEC 的标准的 UR 标志。
- (2) 以欧洲与北美完全标准统一的标志。UMF

由于熔断体是安全元件，各国对本国的电器设备生产都予以关注，没有安全认可标志的产品不能在当地市场销售，用户将最终产品定位在哪个市场销售，是选择熔断体一大要素。

外形尺寸

熔断体由于是牺牲自己、保护其他元器件，决定它要经常更换，为了用户的方便它的尺寸必须是标准化的，合适的外形尺寸是熔断体另一要素。

FUSE

FUSE is a safe element locates in the position of the most sensitive to any current failure within the circuit. It Protects the whole circuit with damage of itself, it is therefore extremely important that how to choose correctly a fuse. The following flow is considered for fuse selection.

Factors taken into consideration

As a result of different opinions on fuse design, it forms internationally two standard systems on fuse.

1. The Northern America Standard System as represented by UL and CSA in America and Canada.
2. The IEC International Electrical Committee Standard System as represented by BS, VDE of Europe, England and Germany.

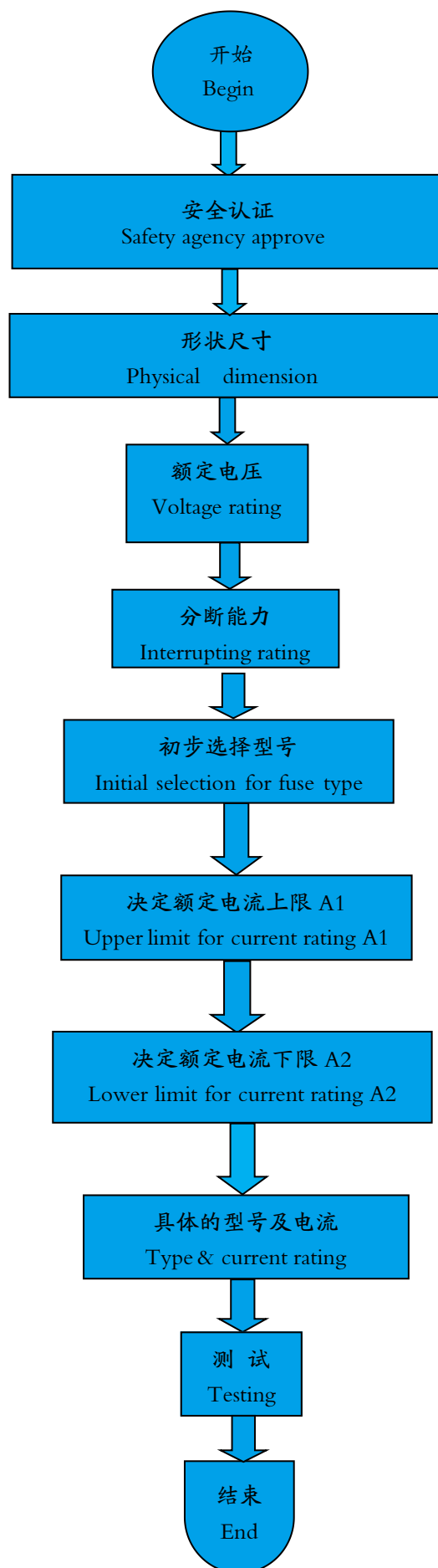
These two standards are incompatible on specific index for fuse. In order to solve this incompatibility between these two standards, UL standards system compromises as follows:

1. The Northern America Standard as represented by UL gives concurrent attention to the UR symbol of IEC Standard.
2. The uniform symbol for Europe and Northern America.

Since fuse is safety element. Every country pays attention to the production of appliance and equipment in its own country. Products without safety certified symbol are prohibited from local market. To which market users orientate the final products for sale ranks One of the main factors for fuse selection.

Outer Dimension

Since fuse sacrifices itself to protect other elements, it is determined that it is subject to frequent change. For users' convenience, its dimension Has to be standardized. Therefore, to choose proper outer dimension becomes another main factors for fuse.



保 险 管

FUSE

额定电压

保险丝的电压在正常工作时由于熔断体的电压降很小，所以可以不考虑。但在熔断体起保护作用烧断时熔断体二端直接承受线路额定电压，不能承受线路额定电压时熔断器就会出现飞弧、炸裂等现象。因此熔断体的额定电压必须大于或等于线路工作电压。

分断能力

保险丝在故障时会完全断开，但是当故障电流远远大于熔断体本身能承受的电压与电流时，熔断体会发生炸裂而危及周围的环境与原器件。熔断体本身能承受电压下最大故障电流称为熔断体分断能力。用户在选用熔断体时，要估算回路中可能出现最大故障电流，该故障电流必须小于熔断体的允许通过最大电流。

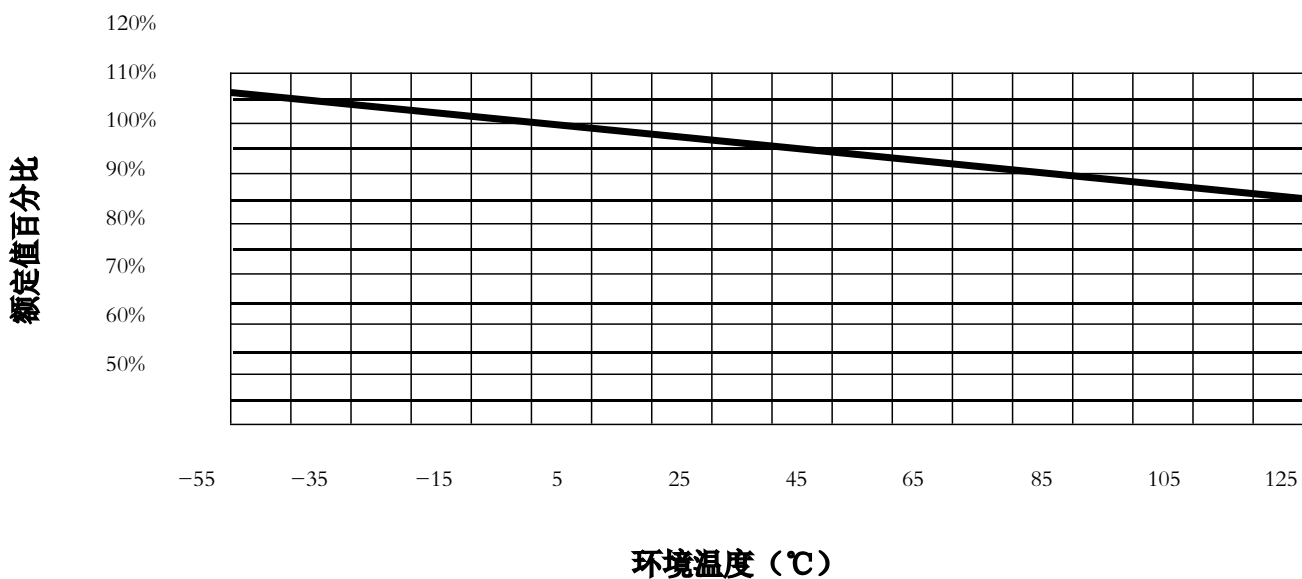
Voltage Rating

Fuse voltage is very small under normal operation due to its slight voltage descent, Therefore can be left out of account. When fuse blows for the function of protection, both ends of the fuse withstand directly the voltage rating of circuit, and generate flying arc and blow etc. If not in the position to withstand the voltage rating of circuit, the voltage rating of fuse therefore must be greater than or equal to the operating voltage of circuit.

Breaking Capacity

Fuse breaks completely under fault, while when the fault current is far greater than the voltage and current endurable to fuse itself. The fuse will burst to endanger surroundings, parts and elements. The maximum fault current under the voltage endurable to the fuse itself is called fuse Breaking Capacity. When choose a fuse, user has to estimate the loop possible maximum fault current, which must be less than the permitted maximum current of fuse

环境温度 Ambient temperature



保 险 管

保险丝熔化特性的选择

在回路中由于有电感与电容的存在，经常发生在开关机时有瞬息的浪涌电流出现，浪涌电流不是故障电流却又是正常工作电流的 7~10 倍，脉宽各不相同，为了解决开关机浪涌电流，就出现了延时熔断体。而在某些电路中是直接保护晶闸管或 IC 的，它希望回路中一旦出现大于额定电流的故障电流就迅速地断开，以保护重要元器件的安全，这时就应选用快速熔断体。

保险丝的焦耳积分 $\int I^2t$

保险丝的工作原理是电流通过导体发热，热能导致导体熔化失效的。熔断体的焦耳积分就是根据热力学的公式 $Q=0.24 I^2Rt$ ，当 $R=1$ 时，0.24 常数不计， $Q=\int I^2t$ ，推导而来，保险丝生产厂能提供每一种型号规格的 $\int I^2t$ 值，它的物理概念是：如果在回路中装上一个熔断体，那么在回路中这个熔断体后允许通过能量也就定了，它的单位是 A^2S 。由于保险丝实验室条件与实际工作条件还存在着差异，因此需要在 $\int I^2t$ 乘上大于 1 系数 K。当工作环境温度大于 $23^\circ C$ ，由于熔断体本身是个发热元件，环境温度对它的影响较大，因此也必须乘上一个环境系数 K_2 。熔断体在日常生活中由于其高可靠性，因此将它类似于一个标准器一样。熔断体坏了，就意味设备或电路有故障，熔断体不断就意味设备正常工作，因此对保险丝的试验和检查是十分严格的。用户要自己检查熔断体的 I-t 特性，希望分别根据 UL248、IEC127 和 GB9364 标准进行，否则将会出现检查结果不同现象。

FUSE

Selection of Fuse Blow Property

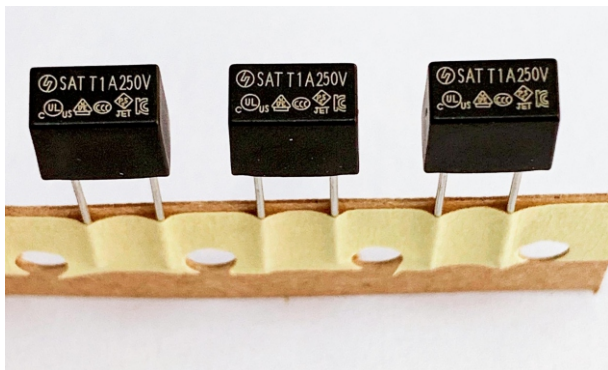
Due to the existence of inductance and capacitance in loop, the instantaneous surge current frequently during switching on/off. Surge current is not fault current but 7-10 times of normal operation current at different pulse widths. In order to solve the surge current occurred during switching on/off, there comes the delayed fuse. But in some circuits, it is used for direct protection on crystal tube or IC with a hope to blow promptly in case of any fault current greater than the current rating in order to protect the safety of important parts and elements, and quick fuse should be chosen at this time.

Joule Integral of Fuse $\int I^2t$

The operation principle of fuse is that the current passes conductor and heats up with heat energy causing conductor melt down and invalid. The joule integral of fuse is to derive the $\int I^2t$ value the fuse producer being able to provide for each type and specification through the thermodynamic formula of $Q=0.24 I^2Rt$. When $R=1$, and leave out of account the constant 0.24, then $Q=\int I^2t$. The physical concept is that if a fuse is installed within a loop, the permitted energy after the fuse within the loop can then be decided at the unit of A^2S .

Since there is difference existing between laboratory and actual conditions of fuse, it is therefore need to multiple $\int I^2t$ with a coefficient K greater than 1. When the environment temperature is greater than $23^\circ C$, as fuse itself is a heating element, being greatly influenced by the environment temperature, it is therefore also need to multiple with an environment coefficient K_2 .

Fuse is, due to its high reliability in daily life, classified as a standard element. If fuse blows, it means fault in equipment or circuit. If fuse doesn't blow, it means the equipment is under normal operation, therefore test and examination for fuse is extremely rigorous. If user wants to examine the I-t property of fuse itself, please conduct in respective accordance with the UL248, IEC127 or GB 9364 standards, otherwise, it may lead to different results.



● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)
	500MA-6.3A	2019010207198488
	50MA-5A	JET7570-31007-1001
	500MA-6.3A	40050512
	500MA-6.3A	SU05065-19005

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	120s
275%	400ms	10s
400%	150ms	3s
1000%	20ms	150ms

● Materials 材质

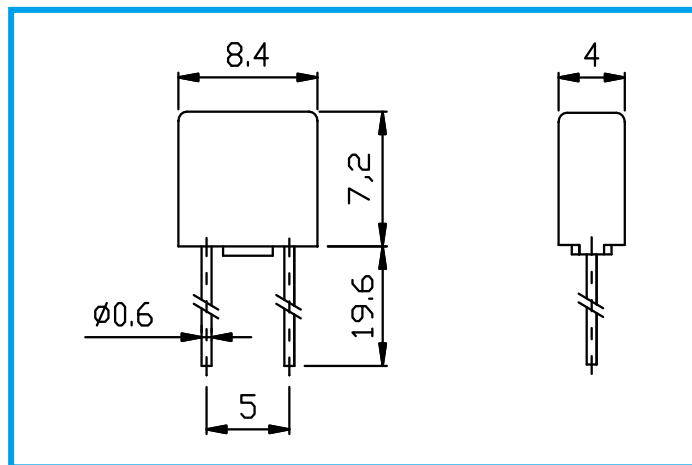
Part Name	Material
Cap&Base	Black/Brown Thermoplastic, UL94v-0
Lead wire	Copper, Tin-plated

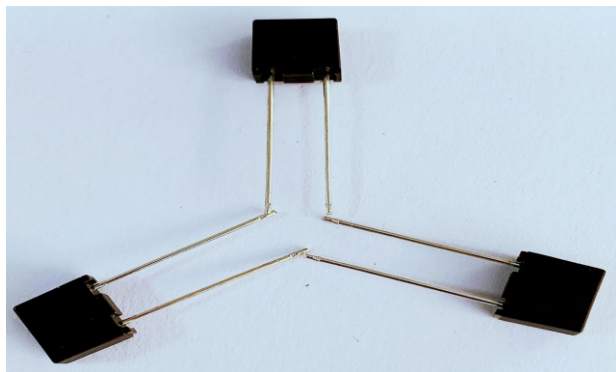
● Packaging 包装

Packing type	Description
Bulk	1000PCS per bag
Tape	10000PCS per box

目录编号 Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
SAT0050A/B	50mA	125V / 250V / 300V/350V/400V
SAT0100A/B	100mA	125V / 250V / 300V/350V/400V
SAT0125A/B	125mA	125V / 250V / 300V/350V/400V
SAT0160A/B	160mA	125V / 250V / 300V/350V/400V
SAT0200A/B	200mA	125V / 250V / 300V/350V/400V
SAT0250A/B	250mA	125V / 250V / 300V/350V/400V
SAT0315A/B	315mA	125V / 250V / 300V/350V/400V
SAT0400A/B	400mA	125V / 250V / 300V/350V/400V
SAT0500A/B	500mA	125V / 250V / 300V/350V/400V
SAT0630A/B	630mA	125V / 250V / 300V/350V/400V
SAT0800A/B	800mA	125V / 250V / 300V/350V/400V
SAT1100A/B	1A	125V / 250V / 300V/350V/400V
SAT1125A/B	1.25A	125V / 250V / 300V/350V/400V
SAT1160A/B	1.6A	125V / 250V / 300V/350V/400V
SAT1200A/B	2A	125V / 250V / 300V/350V/400V
SAT1250A/B	2.5A	125V / 250V / 300V/350V/400V
SAT1300A/B	3A	125V / 250V / 300V/350V/400V
SAT1315A/B	3.15A	125V / 250V / 300V/350V/400V
SAT1400A/B	4A	125V / 250V / 300V/350V/400V
SAT1500A/B	5A	125V / 250V / 300V/350V/400V
SAT1630A/B	6.3A	125V / 250V / 300V/350V/400V
SAT1800A/B	8A	125V / 250V / 300V/350V/400V
SAT2100A/B	10A	125V / 250V / 300V/350V/400V
SAT2120A/B	12A	125V / 250V / 300V/350V/400V
SAT2150A/B	15A	125V / 250V / 300V/350V/400V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
C US	50MA-15A	E505058(JDYX7)

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	1800s
275%	10ms	3s
1000%	1ms	20ms

● Materials 材质

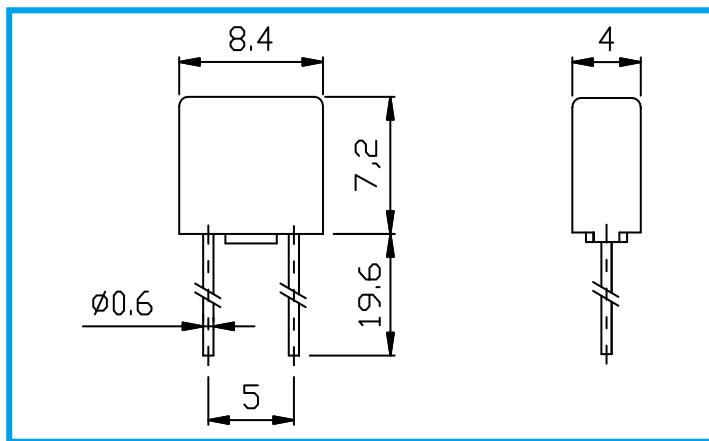
Part Name	Material
Cap&Base	Black/Brown Thermoplastic, UL94v-0
Lead wire	Copper, Tin-plated

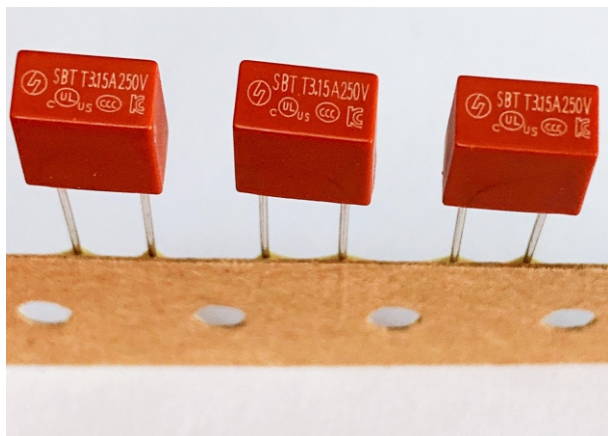
● Packaging 包装

Packing type	Description
Bulk	1000PCS per bag
Tape	10000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
SAF0050A/B	50mA	125V / 250V / 300V/350V/400V
SAF0100A/B	100mA	125V / 250V / 300V/350V/400V
SAF0125A/B	125mA	125V / 250V / 300V/350V/400V
SAF0160A/B	160mA	125V / 250V / 300V/350V/400V
SAF0200A/B	200mA	125V / 250V / 300V/350V/400V
SAF0250A/B	250mA	125V / 250V / 300V/350V/400V
SAF0315A/B	315mA	125V / 250V / 300V/350V/400V
SAF0400A/B	400mA	125V / 250V / 300V/350V/400V
SAF0500A/B	500mA	125V / 250V / 300V/350V/400V
SAF0630A/B	630mA	125V / 250V / 300V/350V/400V
SAF0800A/B	800mA	125V / 250V / 300V/350V/400V
SAF1100A/B	1 A	125V / 250V / 300V/350V/400V
SAF1125A/B	1.25A	125V / 250V / 300V/350V/400V
SAF1160A/B	1.6A	125V / 250V / 300V/350V/400V
SAF1200A/B	2A	125V / 250V / 300V/350V/400V
SAF1250A/B	2.5A	125V / 250V / 300V/350V/400V
SAF1300A/B	3A	125V / 250V / 300V/350V/400V
SAF1315A/B	3.15 A	125V / 250V / 300V/350V/400V
SAF1400A/B	4A	125V / 250V / 300V/350V/400V
SAF1500A/B	5A	125V / 250V / 300V/350V/400V
SAF1630A/B	6.3A	125V / 250V / 300V/350V/400V
SAF1800A/B	8A	125V / 250V / 300V/350V/400V
SAF2100A/B	10A	125V / 250V / 300V/350V/400V
SAF2120A/B	12A	125V / 250V / 300V/350V/400V
SAF2150A/B	15A	125V / 250V / 300V/350V/400V

● Dimensions 尺寸





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	50MA-15A	E505058(JDYX7)
	500MA-6.3A	2019010207198488
	500MA-6.3A	SU05065-19005

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	120s
275%	400ms	10s
400%	150ms	3s
1000%	20ms	150ms

● Materials 材质

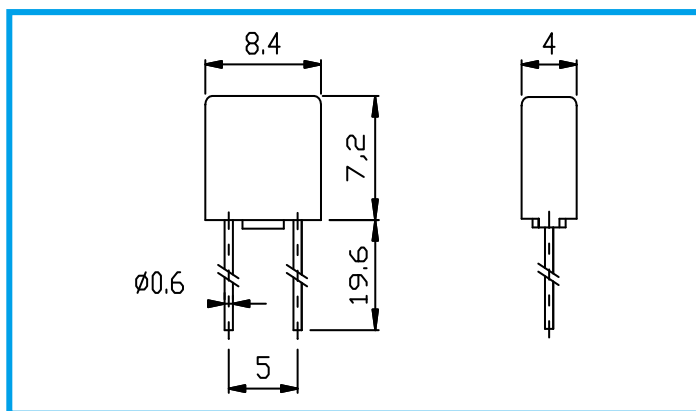
Part Name	Material
Cap&Base	Black/Brown Thermoplastic, UL94v-0
Lead wire	Copper, Tin-plated

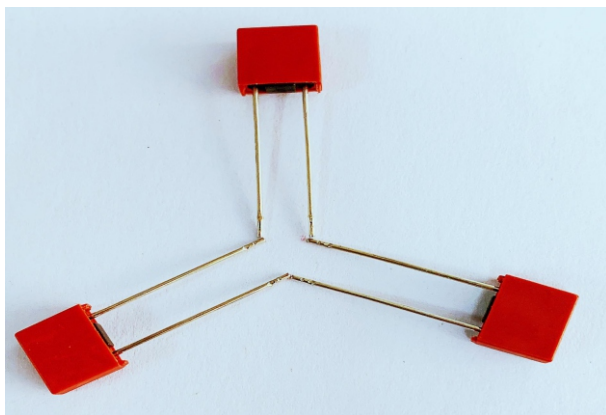
● Packaging 包装

Packing type	Description
Bulk	1000PCS per bag
Tape	10000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
SBT0050A/B	50mA	125V / 250V / 300V/350V/400V
SBT0100A/B	100mA	125V / 250V / 300V/350V/400V
SBT0125A/B	125mA	125V / 250V / 300V/350V/400V
SBT0160A/B	160mA	125V / 250V / 300V/350V/400V
SBT0200A/B	200mA	125V / 250V / 300V/350V/400V
SBT0250A/B	250mA	125V / 250V / 300V/350V/400V
SBT0315A/B	315mA	125V / 250V / 300V/350V/400V
SBT0400A/B	400mA	125V / 250V / 300V/350V/400V
SBT0500A/B	500mA	125V / 250V / 300V/350V/400V
SBT0630A/B	630mA	125V / 250V / 300V/350V/400V
SBT0800A/B	800mA	125V / 250V / 300V/350V/400V
SBT1100A/B	1A	125V / 250V / 300V/350V/400V
SBT1125A/B	1.25A	125V / 250V / 300V/350V/400V
SBT1160A/B	1.6A	125V / 250V / 300V/350V/400V
SBT1200A/B	2A	125V / 250V / 300V/350V/400V
SBT1250A/B	2.5A	125V / 250V / 300V/350V/400V
SBT1300A/B	3A	125V / 250V / 300V/350V/400V
SBT1315A/B	3.15A	125V / 250V / 300V/350V/400V
SBT1400A/B	4A	125V / 250V / 300V/350V/400V
SBT1500A/B	5A	125V / 250V / 300V/350V/400V
SBT1630A/B	6.3A	125V / 250V / 300V/350V/400V
SBT1800A/B	8A	125V / 250V / 300V/350V/400V
SBT2100A/B	10A	125V / 250V / 300V/350V/400V
SBT2120A/B	12A	125V / 250V / 300V/350V/400V
SBT2150A/B	15A	125V / 250V / 300V/350V/400V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	1800s
275%	10ms	3s
1000%	1ms	20ms

● Materials 材质

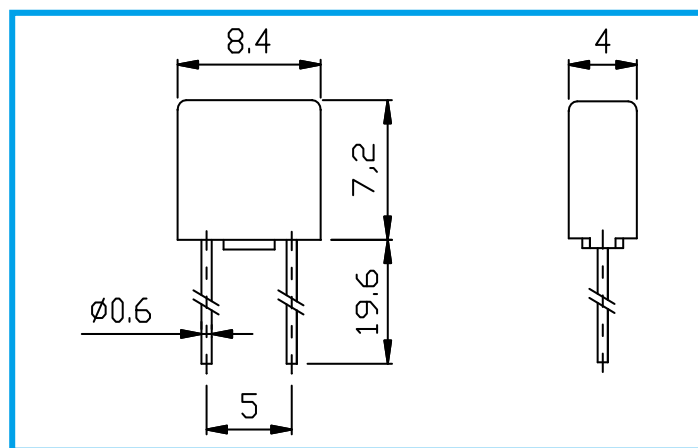
Part Name	Material
Cap&Base	Black/Brown Thermoplastic, UL94v-0
Lead wire	Copper, Tin-plated

● Packaging 包装

Packing type	Description
Bulk	1000PCS per bag
Tape	10000PCS per box

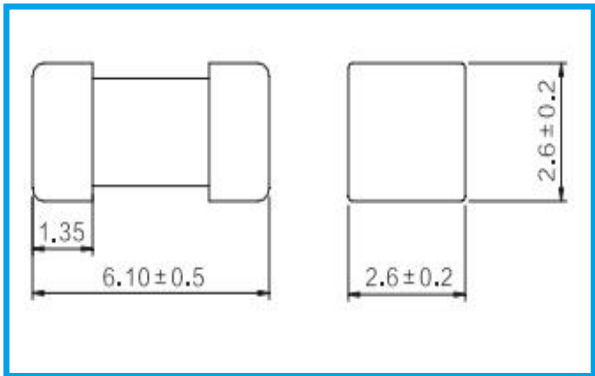
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
SBF0050A/B	50mA	125V / 250V / 300V/350V/400V
SBF0100A/B	100mA	125V / 250V / 300V/350V/400V
SBF0125A/B	125mA	125V / 250V / 300V/350V/400V
SBF0160A/B	160mA	125V / 250V / 300V/350V/400V
SBF0200A/B	200mA	125V / 250V / 300V/350V/400V
SBF0250A/B	250mA	125V / 250V / 300V/350V/400V
SBF0315A/B	315mA	125V / 250V / 300V/350V/400V
SBF0400A/B	400mA	125V / 250V / 300V/350V/400V
SBF0500A/B	500mA	125V / 250V / 300V/350V/400V
SBF0630A/B	630mA	125V / 250V / 300V/350V/400V
SBF0800A/B	800mA	125V / 250V / 300V/350V/400V
SBF1100A/B	1A	125V / 250V / 300V/350V/400V
SBF1125A/B	1.25A	125V / 250V / 300V/350V/400V
SBF1160A/B	1.6A	125V / 250V / 300V/350V/400V
SBF1200A/B	2A	125V / 250V / 300V/350V/400V
SBF1250A/B	2.5A	125V / 250V / 300V/350V/400V
SBF1300A/B	3A	125V / 250V / 300V/350V/400V
SBF1315A/B	3.15A	125V / 250V / 300V/350V/400V
SBF1400A/B	4A	125V / 250V / 300V/350V/400V
SBF1500A/B	5A	125V / 250V / 300V/350V/400V
SBF1630A/B	6.3A	125V / 250V / 300V/350V/400V
SBF1800A/B	8A	125V / 250V / 300V/350V/400V
SBF2100A/B	10A	125V / 250V / 300V/350V/400V
SBF2120A/B	12A	125V / 250V / 300V/350V/400V
SBF2150A/B	15A	125V / 250V / 300V/350V/400V

● Dimensions 尺寸





●Dimensions 尺寸



●Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min最小	Max最大
100%	4 hour	-
200%	1s	60s
800%	20ms	100ms

分断能力/Breaking Capacity :

50 amperes at 125V/250 AC (250mA-10A)

材料/Material :

Fuse body—Ceramic tube
Terminations: Gold-plated caps

工作温度/Operating Temperature :

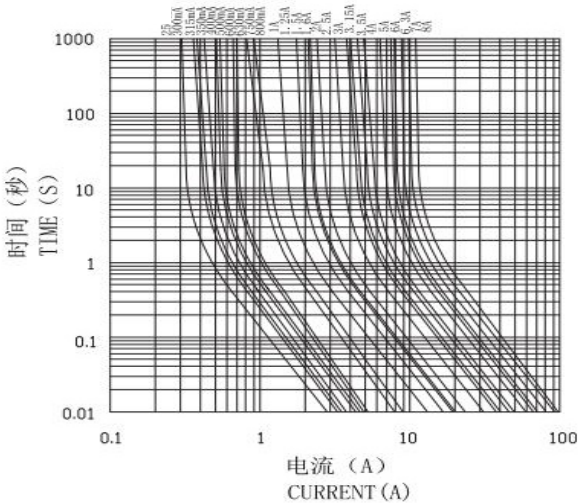
- 40 °C + 125°C

焊接条件/Soldering conditions :

Wave solder: 260 °C, 5S
Hand solder: 360°C, 1S

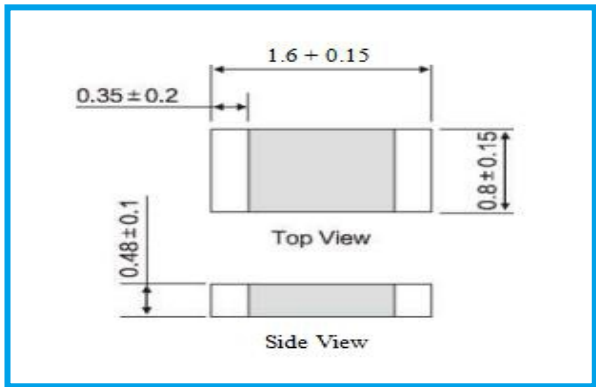
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
24E0125A/B	125mA	125V/250V
24E0160A/B	160mA	125V/250V
24E0200A/B	200mA	125V/250V
24E0250A/B	250mA	125V/250V
24E0315A/B	315mA	125V/250V
24E0400A/B	400mA	125V/250V
24E0500A/B	500mA	125V/250V
24E0630A/B	630mA	125V/250V
24E0750A/B	750mA	125V/250V
24E0800A/B	800mA	125V/250V
24E1100A/B	1 A	125V/250V
24E1125A/B	1.25A	125V/250V
24E1150A/B	1.5A	125V/250V
24E1160A/B	1.6A	125V/250V
24E1200A/B	2A	125V/250V
24E1250A/B	2.5A	125V/250V
24E1300A/B	3A	125V/250V
24E1315A/B	3.15A	125V/250V
24E1350A/B	3.5A	125V/250V
24E1400A/B	4A	125V/250V
24E1500A/B	5A	125V/250V
24E1600A/B	6A	125V/250V
24E1630A/B	6.3A	125V/250V
24E1700A/B	7A	125V/250V

24E I-T Characteristics Curves





● Dimensions 尺寸



● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hour	-
200%	-	60s

分断能力/Breaking Capacity :

50 amperes at 32V DC (250mA-5A)

材料/Material :

Substrate —Ceramic/Glssd Cover
Termination—Sliver over-plated with nickel and tin
Element——Silver

工作温度/Operating Temperature :

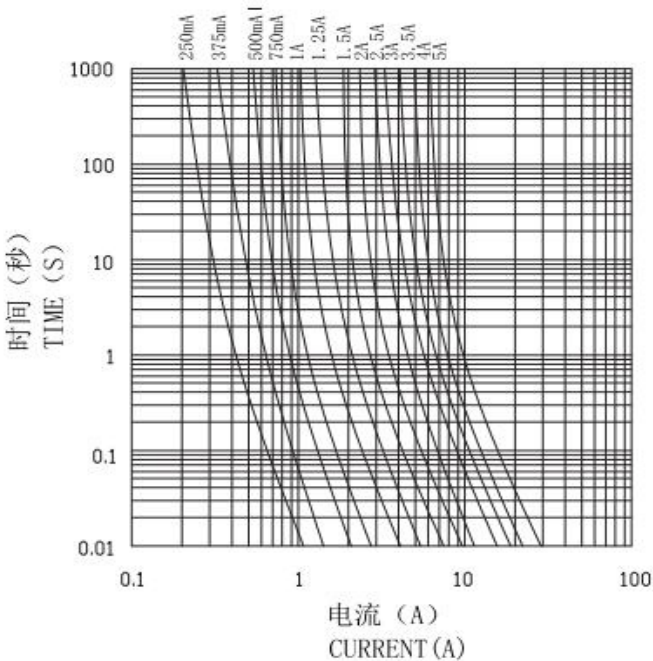
- 40 °C + 125 °C

焊接条件/Soldering conditions :

Wave solder: 260 °C, 5S
Hand solder: 360 °C, 1S

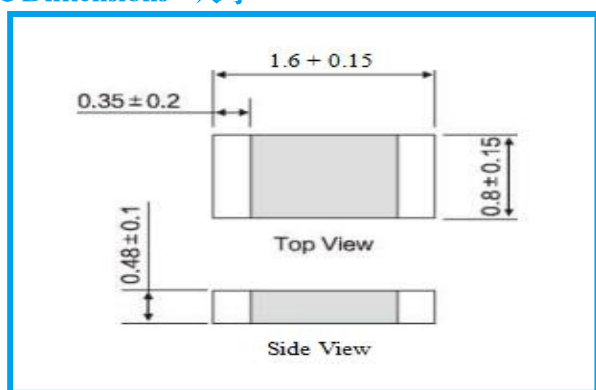
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
06D0250D	250mA	32V
06D0375D	375mA	32V
06D0500D	500mA	32V
06D0750D	750mA	32V
06D1100D	1A	32V
06D1125D	1.25A	32V
06D1150D	1.5A	32V
06D1200D	2A	32V
06D1250D	2.5A	32V
06D1300D	3A	32V
06D1350D	3.5A	32V
06D1400D	4A	32V
06D1500D	5A	32V

06D I-T Characteristics Curves





● Dimensions 尺寸



● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hour	-
200%	1S	60s
250%	-	5S

分断能力/Breaking Capacity :

50 amperes at 32V DC (250mA-5A)

材料/Material :

Substrate -Ceramic/Glssd Cover

Termination—Sliver over-plated with nickel and tin

Element——Silver

工作温度/Operating Temperature :

- 40 °C + 125 °C

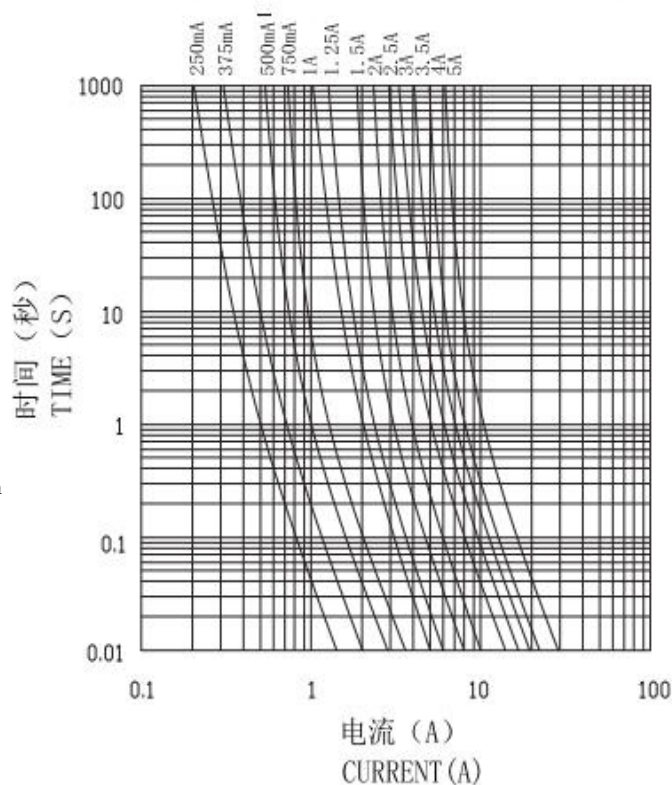
焊接条件/Soldering conditions :

Wave solder: 260 °C, 5S

Hand solder: 360 °C, 1S

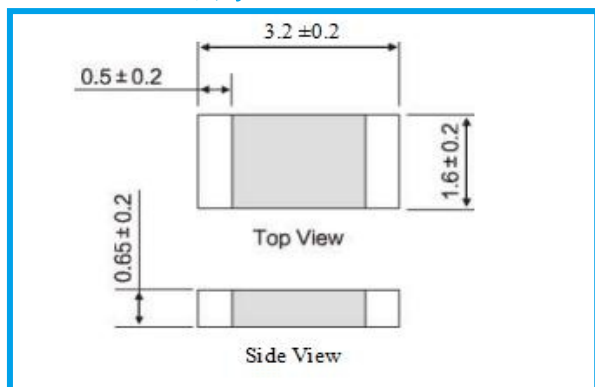
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
06H1100D	1A	32V
06H1150D	1.5A	32V
06H1200D	2A	32V
06H1250D	2.5A	32V
06H1300D	3A	32V
06H1400D	4A	32V
06H1500D	5A	32V

06H I-T Characteristics Curves





● Dimensions 尺寸



● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hour	-
250%	-	5s (250mA-3A)
350%	-	5s (4A-20A)

分断能力 / Breaking Capacity :

- 100 amperes at 63V DC (250mA-4A)
- 100 amperes at 32V DC (4A-7A)
- 150 amperes at 24V DC (10A-20A)

材料 / Material :

- Substrate —Ceramic/Glssd Cover
- Termination—Sliver over-plated with nickel and tin
- Element——Silver

工作温度 / Operating Temperature :

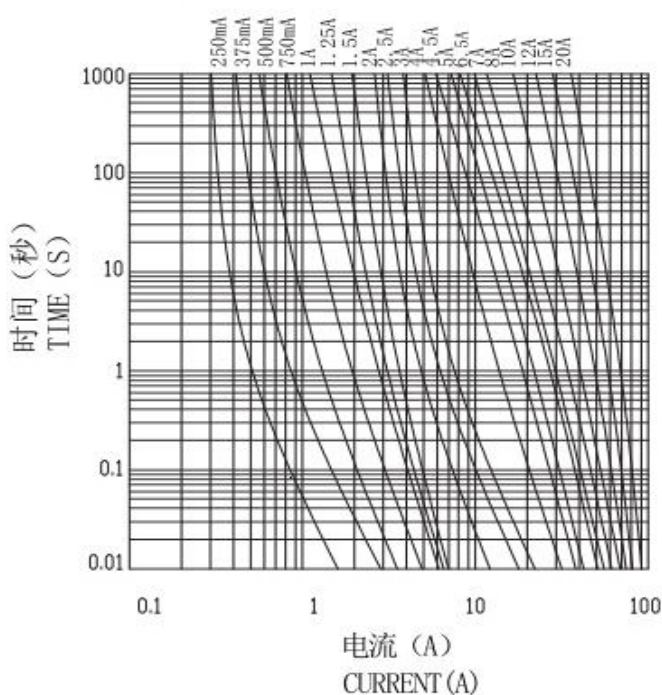
- 40 °C + 125 °C

焊接条件 / Soldering conditions :

- Wave solder: 260 °C, 5S
- Hand solder: 360 °C, 1S

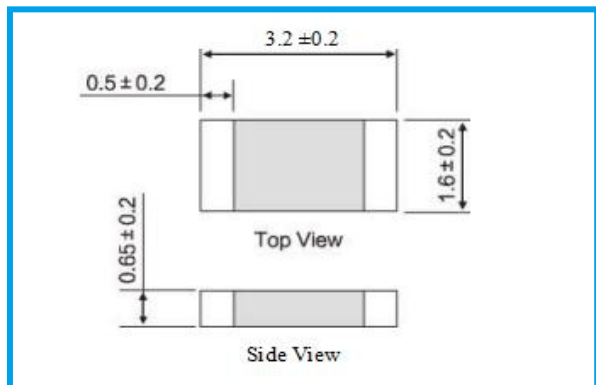
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
12D0250C	250mA	63V
12D0370C	375mA	63V
12D0500C	500mA	63V
12D0750C	750mA	63V
12D1100C	1A	63V
12D1125C	1.25A	63V
12D1150C	1.5A	63V
12D1200C	2A	63V
12D1250C	2.5A	63V
12D1300C	3A	63V
12D1400C	4A	32V
12D1500C	5A	32V
12D1700C	7A	32V
12D2100C	10A	24V
12D2120C	12A	24V
12D2150C	15A	24V
12D2200C	20A	24V

12D I-T Characteristics Curves





● Dimensions 尺寸



● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hour	-
250%	-	5s
300%	0.1s	3s
1000%	0.2ms	20ms

分断能力 / Breaking Capacity :

100 amperes at 63V DC (250mA-4A)

100 amperes at 32V DC (4.5A-5A)

材料 / Material :

Substrate -Ceramic/Glssd Cover

Termination—Sliver over-plated with nickel and tin

Element—Silver

工作温度 / Operating Temperature :

- 40 °C + 125°C

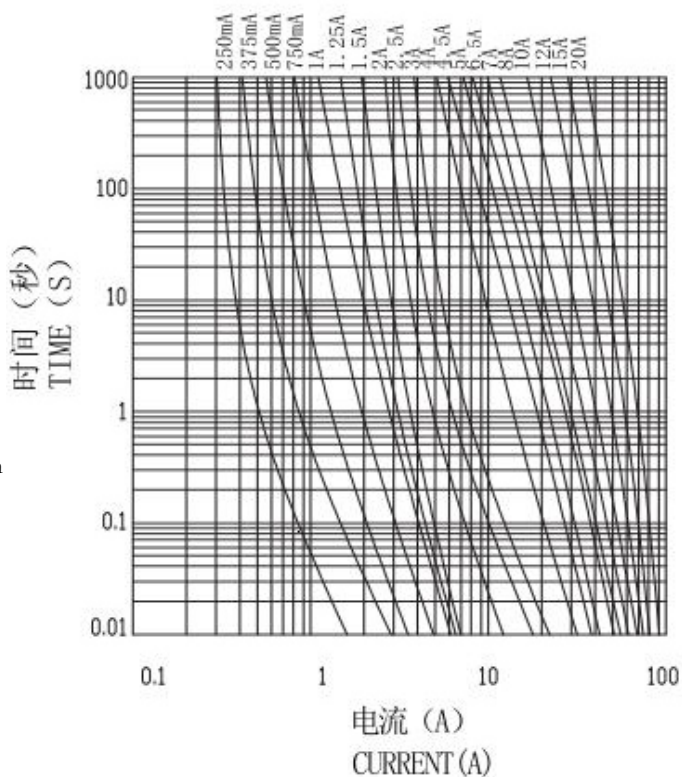
焊接条件 / Soldering conditions :

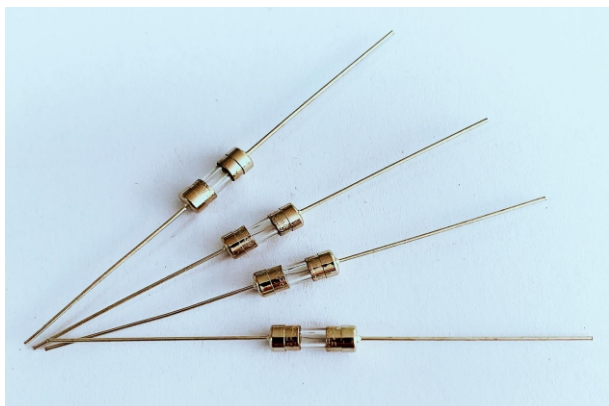
Wave solder: 260 °C, 5S

Hand solder: 360°C, 1S

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
12H1100C	1A	63V
12H1150C	1.5A	63V
12H1200C	2A	63V
12H1250C	2.5A	63V
12H1300C	3A	63V
12H1350C	3.5A	63V
12H1400C	4A	63V
12H1500C	5A	32V

12H I-T Characteristics Curves





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hours	-
200%	100ms	60s

● Materials 材质

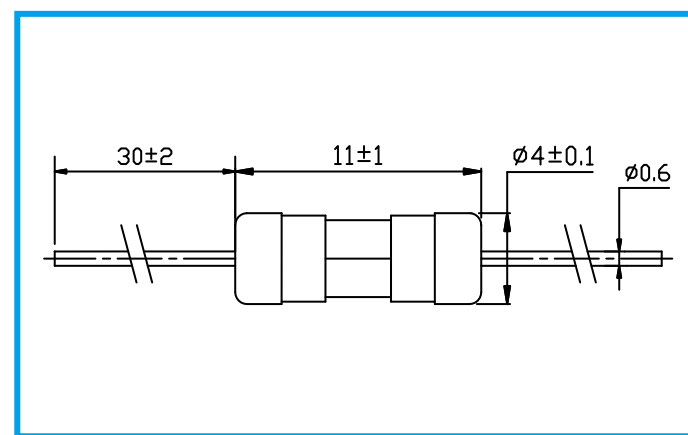
Part Name	Material
Cap	Nickelplated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

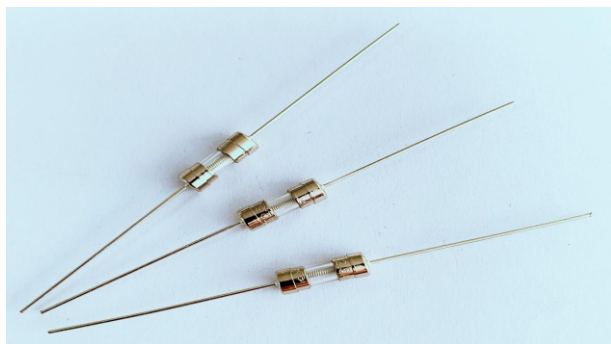
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	1000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3GP0050A/B	50mA	125V / 250V / 350V
3GP0100A/B	100mA	125V / 250V / 350V
3GP0125A/B	125mA	125V / 250V / 350V
3GP0160A/B	160mA	125V / 250V / 350V
3GP0200A/B	200mA	125V / 250V / 350V
3GP0250A/B	250mA	125V / 250V / 350V
3GP0315A/B	315mA	125V / 250V / 350V
3GP0400A/B	400mA	125V / 250V / 350V
3GP0500A/B	500mA	125V / 250V / 350V
3GP0630A/B	630mA	125V / 250V / 350V
3GP0800A/B	800mA	125V / 250V / 350V
3GP1100A/B	1A	125V / 250V / 350V
3GP1125A/B	1.25A	125V / 250V / 350V
3GP1160A/B	1.6A	125V / 250V / 350V
3GP1200A/B	2A	125V / 250V / 350V
3GP1250A/B	2.5A	125V / 250V / 350V
3GP1300A/B	3A	125V / 250V / 350V
3GP1315A/B	3.15A	125V / 250V / 350V
3GP1400A/B	4A	125V / 250V / 350V
3GP1500A/B	5A	125V / 250V / 350V
3GP1630A/B	6.3A	125V / 250V / 350V
3GP1800A/B	8A	125V / 250V / 350V
3GP2100A/B	10A	125V / 250V / 350V
3GP2120A/B	12A	125V / 250V / 350V
3GP2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hours	-
200%	1S	60s

● Materials 材质

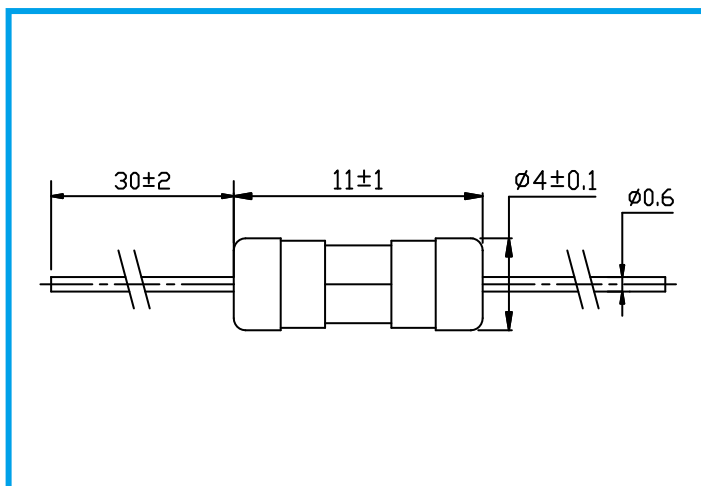
Part Name	Material
Cap	Nickel plated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

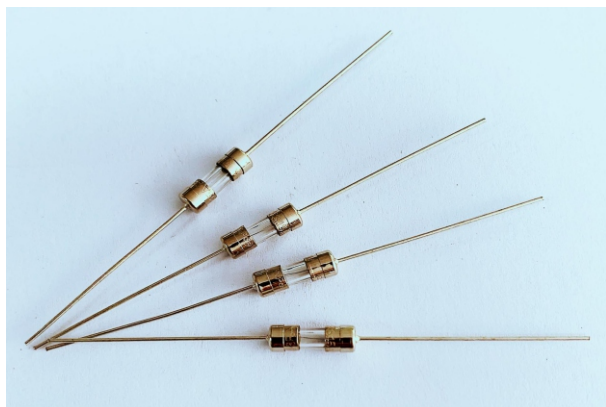
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	1000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3SP0050A/B	50mA	125V / 250V / 350V
3GS0100A/B	100mA	125V / 250V / 350V
3SP0125A/B	125mA	125V / 250V / 350V
3SP0160A/B	160mA	125V / 250V / 350V
3SP0200A/B	200mA	125V / 250V / 350V
3SP0250A/B	250mA	125V / 250V / 350V
3SP0315A/B	315mA	125V / 250V / 350V
3SP0400A/B	400mA	125V / 250V / 350V
3SP0500A/B	500mA	125V / 250V / 350V
3SP0630A/B	630mA	125V / 250V / 350V
3SP0800A/B	800mA	125V / 250V / 350V
3SP1100A/B	1A	125V / 250V / 350V
3SP1125A/B	1.25A	125V / 250V / 350V
3SP1160A/B	1.6A	125V / 250V / 350V
3SP1200A/B	2A	125V / 250V / 350V
3SP1250A/B	2.5A	125V / 250V / 350V
3SP1300A/B	3A	125V / 250V / 350V
3SP1315A/B	3.15A	125V / 250V / 350V
3SP1400A/B	4A	125V / 250V / 350V
3SP1500A/B	5A	125V / 250V / 350V
3SP1630A/B	6.3A	125V / 250V / 350V
3SP1800A/B	8A	125V / 250V / 350V
3SP2100A/B	10A	125V / 250V / 350V
3SP2120A/B	12A	125V / 250V / 350V
3SP2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)
	50MA-6.3A	Pending
	50MA-6.3A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	100ms	1800s
275%	10ms	3s
400%	3ms	300ms
1000%	-	20ms

● Materials 材质

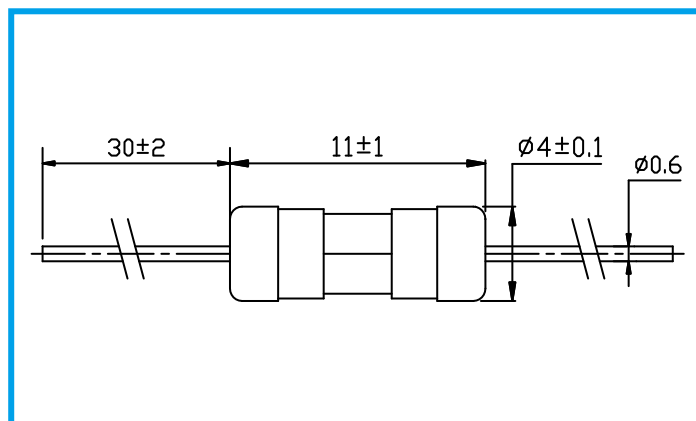
Part Name	Material
Cap	Nickel plated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

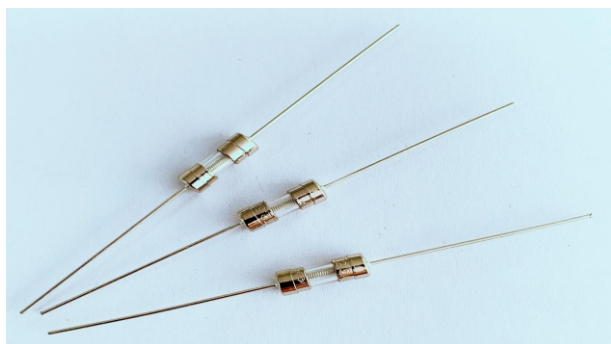
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	1000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3FB0050A/B	50mA	125V / 250V / 350V
3FB0100A/B	100mA	125V / 250V / 350V
3FB0125A/B	125mA	125V / 250V / 350V
3FB0160A/B	160mA	125V / 250V / 350V
3FB0200A/B	200mA	125V / 250V / 350V
3FB0250A/B	250mA	125V / 250V / 350V
3FB0315A/B	315mA	125V / 250V / 350V
3FB0400A/B	400mA	125V / 250V / 350V
3FB0500A/B	500mA	125V / 250V / 350V
3FB0630A/B	630mA	125V / 250V / 350V
3FB0800A/B	800mA	125V / 250V / 350V
3FB1100A/B	1A	125V / 250V / 350V
3FB1125A/B	1.25A	125V / 250V / 350V
3FB1160A/B	1.6A	125V / 250V / 350V
3FB1200A/B	2A	125V / 250V / 350V
3FB1250A/B	2.5A	125V / 250V / 350V
3FB1300A/B	3A	125V / 250V / 350V
3FB1315A/B	3.15A	125V / 250V / 350V
3FB1400A/B	4A	125V / 250V / 350V
3FB1500A/B	5A	125V / 250V / 350V
3FB1630A/B	6.3A	125V / 250V / 350V
3FB1800A/B	8A	125V / 250V / 350V
3FB2100A/B	10A	125V / 250V / 350V
3FB2120A/B	12A	125V / 250V / 350V
3FB2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)
	500MA-6.3A	40050636
	500MA-6.3A	2019010207198415
	500MA-6.3A	SU05065--19001

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	120s
275%	400ms	10s
400%	150ms	3s
1000%	20ms	150ms

● Materials 材质

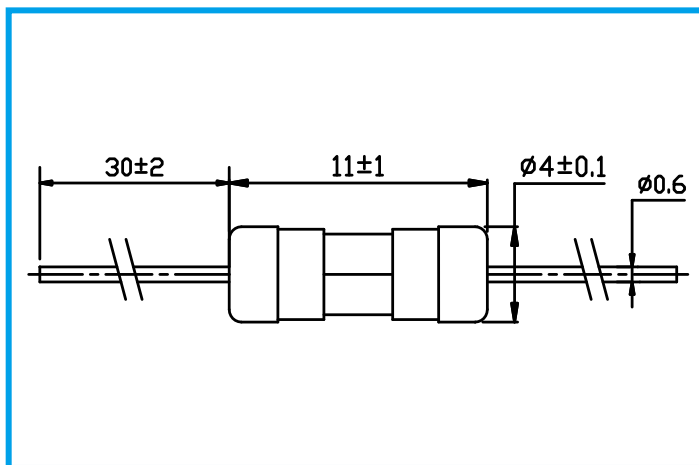
Part Name	Material
Cap	Nickel plated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

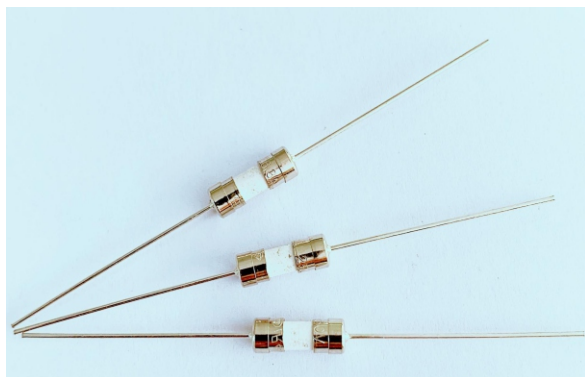
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	2000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3TB0050A/B	50mA	125V / 250V / 350V
3TB0100A/B	100mA	125V / 250V / 350V
3TB0125A/B	125mA	125V / 250V / 350V
3TB0160A/B	160mA	125V / 250V / 350V
3TB0200A/B	200mA	125V / 250V / 350V
3TB0250A/B	250mA	125V / 250V / 350V
3TB0315A/B	315mA	125V / 250V / 350V
3TB0400A/B	400mA	125V / 250V / 350V
3TB0500A/B	500mA	125V / 250V / 350V
3TB0630A/B	630mA	125V / 250V / 350V
3TB0800A/B	800mA	125V / 250V / 350V
3TB1100A/B	1A	125V / 250V / 350V
3TB1125A/B	1.25A	125V / 250V / 350V
3TB1160A/B	1.6A	125V / 250V / 350V
3TB1200A/B	2A	125V / 250V / 350V
3TB1250A/B	2.5A	125V / 250V / 350V
3TB1300A/B	3A	125V / 250V / 350V
3TB1315A/B	3.15A	125V / 250V / 350V
3TB1400A/B	4A	125V / 250V / 350V
3TB1500A/B	5A	125V / 250V / 350V
3TB1630A/B	6.3A	125V / 250V / 350V
3TB1800A/B	8A	125V / 250V / 350V
3TB2100A/B	10A	125V / 250V / 350V
3TB2120A/B	12A	125V / 250V / 350V
3TB2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
UL	50MA-15A	E505058(JDYX)
UL US	50MA-15A	E505058(JDYX7)

Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hours	-
200%	100ms	60s

Materials 材质

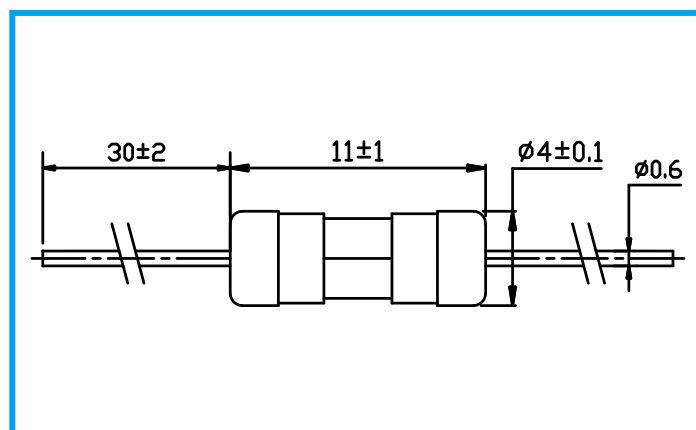
Part Name	Material
Cap	Nickel plated Brass
Body	Non-Transporent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

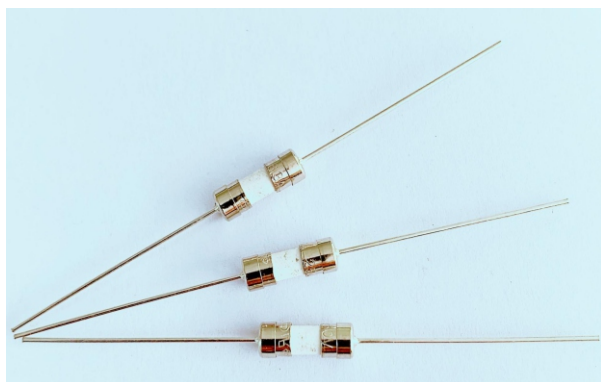
Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	2000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3DP0050A/B	50mA	125V / 250V / 350V
3DP0100A/B	100mA	125V / 250V / 350V
3DP0125A/B	125mA	125V / 250V / 350V
3DP0160A/B	160mA	125V / 250V / 350V
3DP0200A/B	200mA	125V / 250V / 350V
3DP0250A/B	250mA	125V / 250V / 350V
3DP0315A/B	315mA	125V / 250V / 350V
3DP0400A/B	400mA	125V / 250V / 350V
3DP0500A/B	500mA	125V / 250V / 350V
3DP0630A/B	630mA	125V / 250V / 350V
3DP0800A/B	800mA	125V / 250V / 350V
3DP1100A/B	1A	125V / 250V / 350V
3DP1125A/B	1.25A	125V / 250V / 350V
3DP1160A/B	1.6A	125V / 250V / 350V
3DP1200A/B	2A	125V / 250V / 350V
3DP1250A/B	2.5A	125V / 250V / 350V
3DP1300A/B	3A	125V / 250V / 350V
3DP1315A/B	3.15A	125V / 250V / 350V
3DP1400A/B	4A	125V / 250V / 350V
3DP1500A/B	5A	125V / 250V / 350V
3DP1630A/B	6.3A	125V / 250V / 350V
3DP1800A/B	8A	125V / 250V / 350V
3DP2100A/B	10A	125V / 250V / 350V
3DP2120A/B	12A	125V / 250V / 350V
3DP2150A/B	15A	125V / 250V / 350V

Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
100%	4 hours	-
200%	1S	60s

● Materials 材质

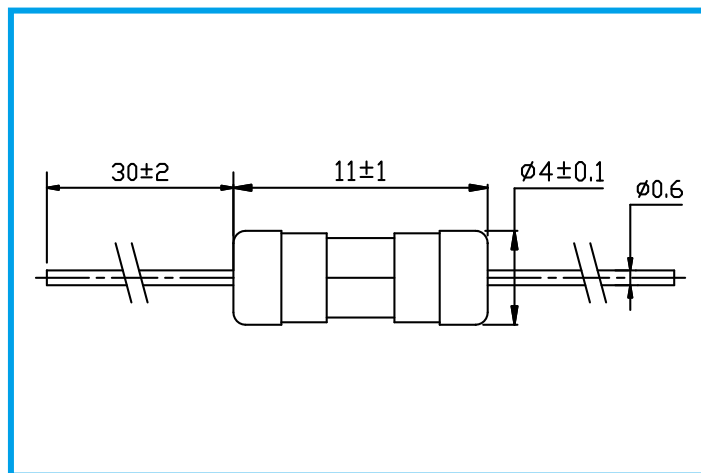
Part Name	Material
Cap	Nickel plated Brass
Body	Non-Transpsrent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

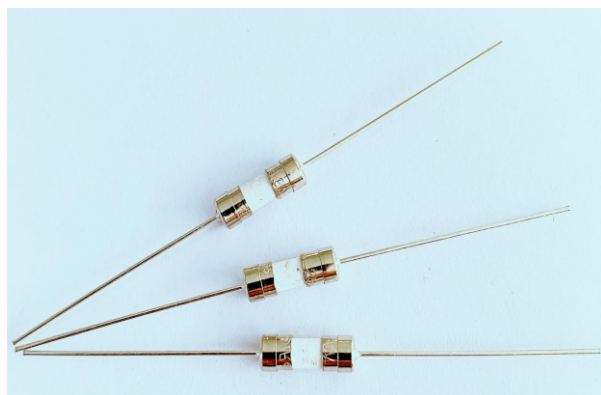
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	2000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3NP0050A/B	50mA	125V / 250V / 350V
3NP0100A/B	100mA	125V / 250V / 350V
3NP0125A/B	125mA	125V / 250V / 350V
3NP0160A/B	160mA	125V / 250V / 350V
3NP0200A/B	200mA	125V / 250V / 350V
3NP0250A/B	250mA	125V / 250V / 350V
3NP0315A/B	315mA	125V / 250V / 350V
3NP0400A/B	400mA	125V / 250V / 350V
3NP0500A/B	500mA	125V / 250V / 350V
3NP0630A/B	630mA	125V / 250V / 350V
3NP0800A/B	800mA	125V / 250V / 350V
3NP1100A/B	1A	125V / 250V / 350V
3NP1125A/B	1.25A	125V / 250V / 350V
3NP1160A/B	1.6A	125V / 250V / 350V
3NP1200A/B	2A	125V / 250V / 350V
3NP1250A/B	2.5A	125V / 250V / 350V
3NP1300A/B	3A	125V / 250V / 350V
3NP1315A/B	3.15A	125V / 250V / 350V
3NP1400A/B	4A	125V / 250V / 350V
3NP1500A/B	5A	125V / 250V / 350V
3NP1630A/B	6.3A	125V / 250V / 350V
3NP1800A/B	8A	125V / 250V / 350V
3NP2100A/B	10A	125V / 250V / 350V
3NP2120A/B	12A	125V / 250V / 350V
3NP2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)
	50MA-6.3A	Pending
	50MA-6.3A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min最小	Max最大
150%	1 hour	-
210%	100ms	1800s
275%	10ms	3s
400%	3ms	300ms
1000%	-	20ms

● Materials 材质

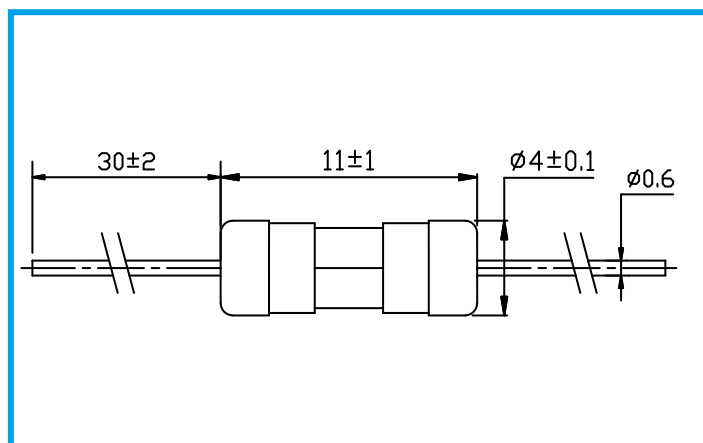
Part Name	Material
Cap	Nickelplated Brass
Body	Non-Transpsrent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

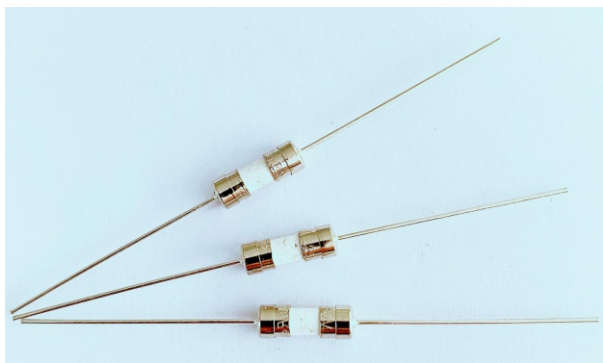
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	2000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3FC0050A/B	50mA	125V / 250V / 350V
3FC0100A/B	100mA	125V / 250V / 350V
3FC0125A/B	125mA	125V / 250V / 350V
3FC0160A/B	160mA	125V / 250V / 350V
3FC0200A/B	200mA	125V / 250V / 350V
3FC0250A/B	250mA	125V / 250V / 350V
3FC0315A/B	315mA	125V / 250V / 350V
3FC0400A/B	400mA	125V / 250V / 350V
3FC0500A/B	500mA	125V / 250V / 350V
3FC0630A/B	630mA	125V / 250V / 350V
3FC0800A/B	800mA	125V / 250V / 350V
3FC1100A/B	1A	125V / 250V / 350V
3FC1125A/B	1.25A	125V / 250V / 350V
3FC1160A/B	1.6A	125V / 250V / 350V
3FC1200A/B	2A	125V / 250V / 350V
3FC1250A/B	2.5A	125V / 250V / 350V
3FC1300A/B	3A	125V / 250V / 350V
3FC1315A/B	3.15A	125V / 250V / 350V
3FC1400A/B	4A	125V / 250V / 350V
3FC1500A/B	5A	125V / 250V / 350V
3FC1630A/B	6.3A	125V / 250V / 350V
3FC1800A/B	8A	125V / 250V / 350V
3FC2100A/B	10A	125V / 250V / 350V
3FC2120A/B	12A	125V / 250V / 350V
3FC2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	50MA-15A	E505058(JDYX)
	50MA-15A	E505058(JDYX7)
	500MA-6.3A	Pending
	500MA-6.3A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	120s
275%	400ms	10s
400%	150ms	3s
1000%	20ms	150ms

● Materials 材质

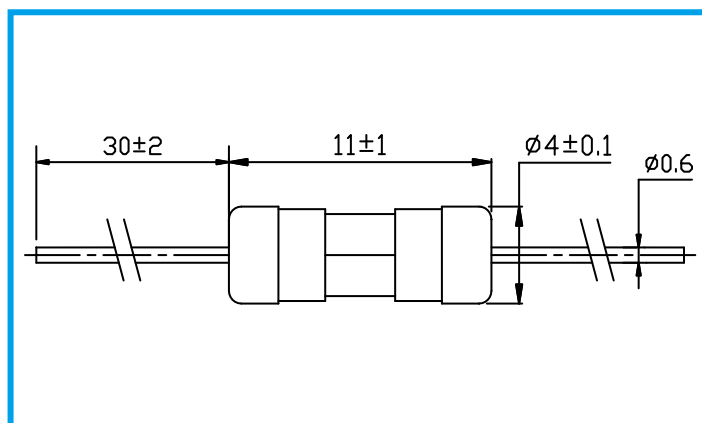
Part Name	Material
Cap	Nickel plated Brass
Body	Non-Transpsrent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

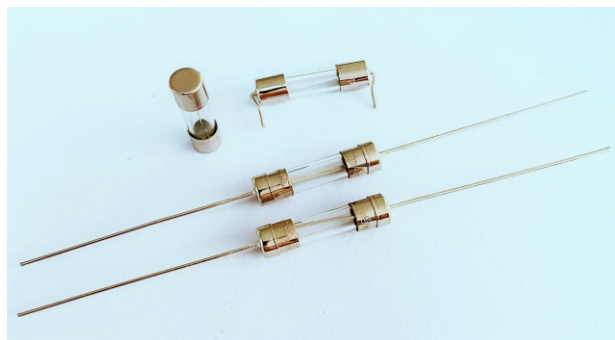
● Packaging 包装

Packing type	Description
Bulk	500PCS per bag
Tape	2000PCS per box

目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
3TC0050A/B	50mA	125V / 250V / 350V
3TC0100A/B	100mA	125V / 250V / 350V
3TC0125A/B	125mA	125V / 250V / 350V
3TC0160A/B	160mA	125V / 250V / 350V
3TC0200A/B	200mA	125V / 250V / 350V
3TC0250A/B	250mA	125V / 250V / 350V
3TC0315A/B	315mA	125V / 250V / 350V
3TC0400A/B	400mA	125V / 250V / 350V
3TC0500A/B	500mA	125V / 250V / 350V
3TC0630A/B	630mA	125V / 250V / 350V
3TC0800A/B	800mA	125V / 250V / 350V
3TC1100A/B	1A	125V / 250V / 350V
3TC1125A/B	1.25A	125V / 250V / 350V
3TC1160A/B	1.6A	125V / 250V / 350V
3TC1200A/B	2A	125V / 250V / 350V
3TC1250A/B	2.5A	125V / 250V / 350V
3TC1300A/B	3A	125V / 250V / 350V
3TC1315A/B	3.15A	125V / 250V / 350V
3TC1400A/B	4A	125V / 250V / 350V
3TC1500A/B	5A	125V / 250V / 350V
3TC1630A/B	6.3A	125V / 250V / 350V
3TC1800A/B	8A	125V / 250V / 350V
3TC2100A/B	10A	125V / 250V / 350V
3TC2120A/B	12A	125V / 250V / 350V
3TC2150A/B	15A	125V / 250V / 350V

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	1A-6.3A	2019010207242187
	8A-16A	19012231684
	1A-16A	Pending
	1A-16A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	1s	120s
275%	600ms	10s
400%	150ms	3s
1000%	20ms	300ms

● Packaging 包装

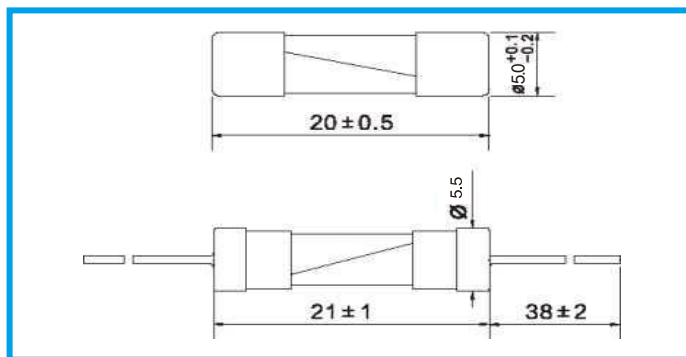
Packing type	Description
Bulk	100PCS per bag
Tape	1000PCS per box

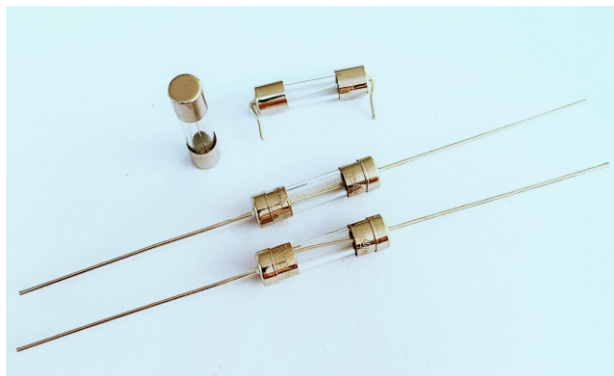
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
5TB1100A/B	1A	125V / 250V
5TB1200A/B	2A	125V / 250V
5TB1315A/B	3.15A	125V / 250V
5TB1500A/B	5A	125V / 250V
5TB1630A/B	6.3A	125V / 250V
5TB1800A/B	8A	125V / 250V
5TB2100A/B	10A	125V / 250V
5TB2150A/B	15A	125V / 250V
5TB2160A/B	16A	125V / 250V

● Materials 材质

Part Name	Material
Cap	Nickel plated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	1A-6.3A	2019010207242187
	8A-16A	19012231684
	1A-16A	Pending
	1A-16A	Pending

● Materials 材质

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	100s	1800s
275%	50ms	2s
400%	10ms	300s
1000%	-	20ms

● Packaging 包装

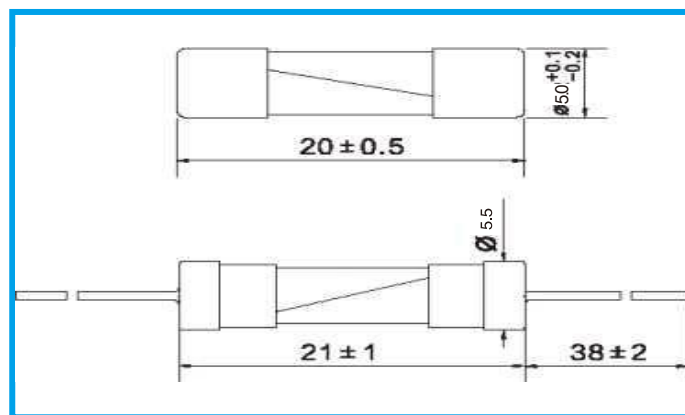
Packing type	Description
Bulk	100PCS per bag
Tape	1000PCS per box

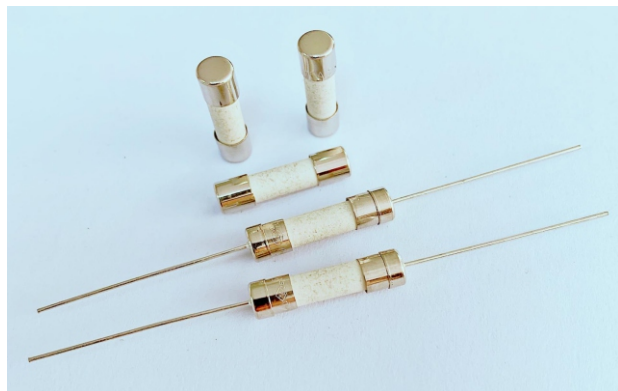
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
5FB1100A/B	1A	125V / 250V
5FB1200A/B	2A	125V / 250V
5FB1315A/B	3.15A	125V / 250V
5FB1500A/B	5A	125V / 250V
5FB1630A/B	6.3A	125V / 250V
5FB1800A/B	8A	125V / 250V
5FB2100A/B	10A	125V / 250V
5FB2150A/B	15A	125V / 250V
5FB2160A/B	16A	125V / 250V

● Electrical Characteristics 电气特性

Part Name	Material
Cap	Nickelplated Brass
Body	Glass Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	AmpereRange	AgencyFile Number cURus
	1A-16A	Pending
	1A-16A	Pending
	1A-16A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	BlowTime 熔断时间	
	Min最小	Max最大
150%	1 hour	-
210%	-	1800s
275%	750ms	80s
400%	95ms(1A--3.15A) 150ms(4A-16A)	8s
1000%	10ms	150ms

● Packaging 包装

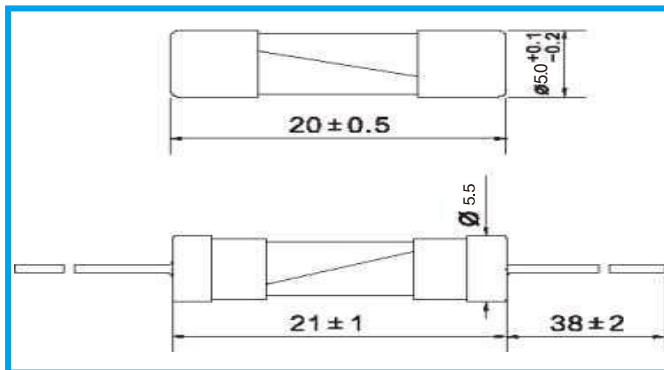
Packing type	Description
Bulk	100PCS per bag
Tape	1000PCS per box

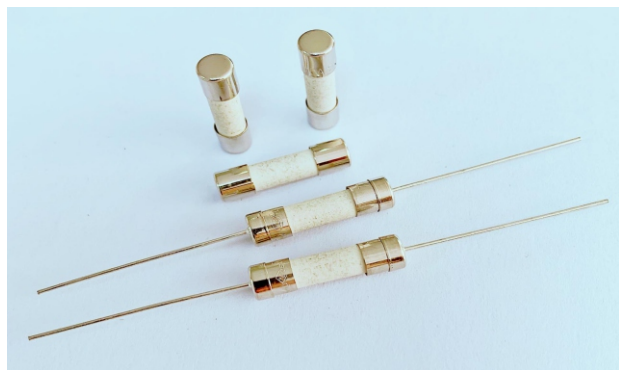
目录编号. Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
5TC1100A/B	1A	125V / 250V
5TC1200A/B	2A	125V / 250V
5TC1315A/B	3.15A	125V / 250V
5TC1500A/B	5A	125V / 250V
5TC1630A/B	6.3A	125V / 250V
5TC1800A/B	8A	125V / 250V
5TC2100A/B	10A	125V / 250V
5TC2150A/B	15A	125V / 250V
5TC2160A/B	16A	125V / 250V

● Materials 材质

Part Name	Material
Cap	Nickelplated Brass
Body	Non-Transporent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

● Dimensions 尺寸





● Agency Approbals 安规认证

Agency	Ampere Range	Agency File Number cURus
	1A-16A	Pending
	1A-16A	Pending
	1A-16A	Pending

● Electrical Characteristics 电气特性

Testing current 测试电流	Blow Time 熔断时间	
	Min 最小	Max 最大
150%	1 hour	-
210%	-	1800s
275%	10ms(2A--6.3A)	2S(2A--4A)
	40ms(8A-16A)	3S(5A-6.3A)
		20S(8A-16A)
400%	3ms(2A--6.3A)	300mS(2A--6.3A)
	10ms(8A-16A)	1S(8-10A)
1000%	-	20mS(2A--6.3A)
		40mS(8-16A)

● Packaging 包装

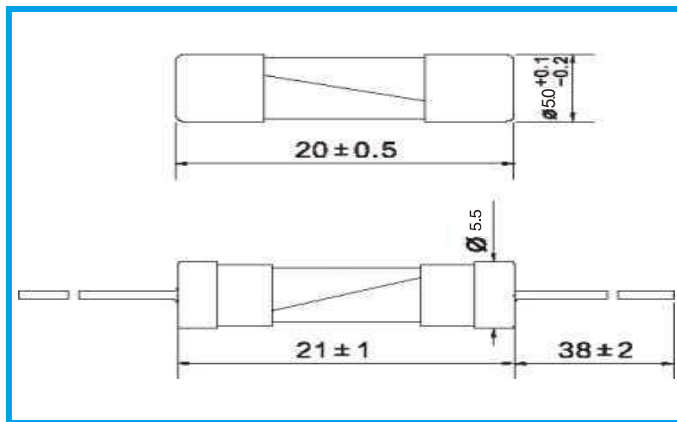
Packing type	Description
Bulk	100PCS per bag
BOX	1000PCS per box

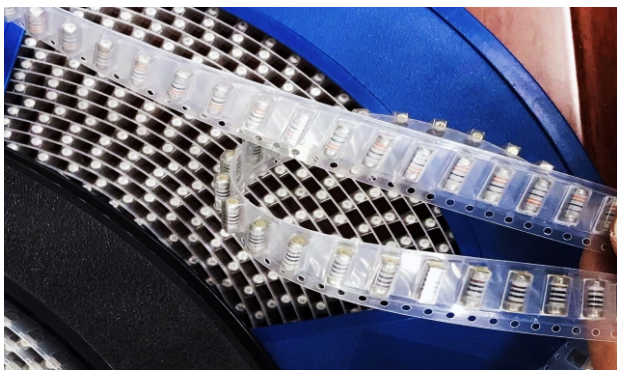
目录编号 Catalog NO.	额定电流 Ampere Rating	额定电压 Voltage Rating
5FC1100A/B	1A	125V / 250V
5FC1200A/B	2A	125V / 250V
5FC1315A/B	3.15A	125V / 250V
5FC1500A/B	5A	125V / 250V
5FC1630A/B	6.3A	125V / 250V
5FC1800A/B	8A	125V / 250V
5FC2100A/B	10A	125V / 250V
5FC2150A/B	15A	125V / 250V
5FC2160A/B	16A	125V / 250V

● Materials 材质

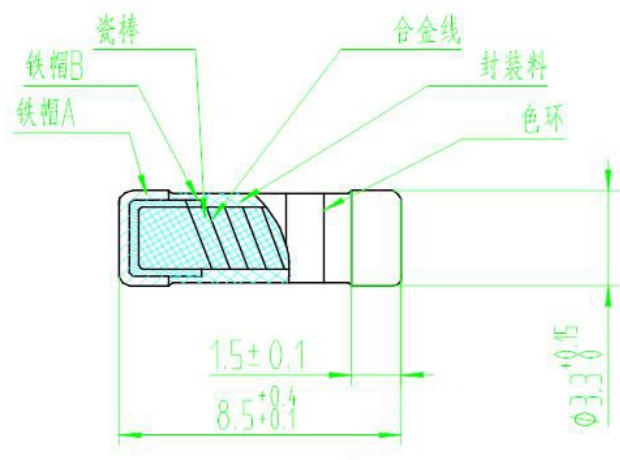
Cap	Nickel plated Brass
Body	Non-Transporent Ceramic Tube
Fuse element	Alloy
Lead wire	Tin Plated Copper

● Dimensions 尺寸





●产品外型尺寸



●性能参数

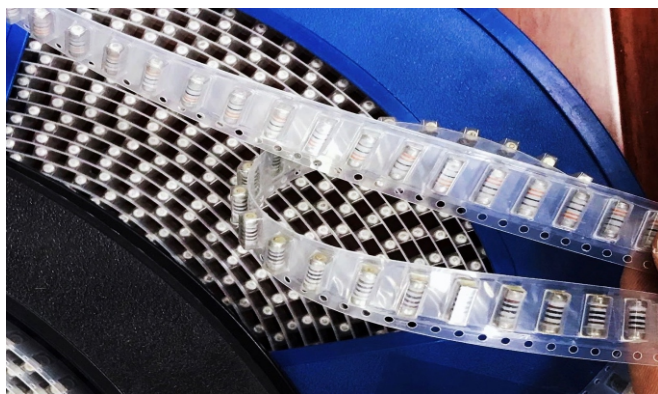
型号 功率	温度系数 TCR (× 10 ⁻⁶ /°C)	绝缘电 压 (V)	最高浪 涌电压 (KV)	阻值范围(Ω)
				± 5%(J)
RX19- 1WS (0309 -1WS)	< 250	<300	3.5	5.1、10、100 等

●阻值偏差范围

色环标志颜色	有效数字	倍率	阻值允许偏差
黑色	0	10 ⁰	—
棕色	1	10 ¹	± 1%
红色	2	10 ²	± 2%
橙色	3	10 ³	—
黄色	4	10 ⁴	—
绿色	5	10 ⁵	± 0.5%
兰色	6	10 ⁶	± 0.25%
紫色	7	10 ⁷	± 0.1%
灰色	8	10 ⁸	—
白色	9	10 ⁹	—
银色	—	10 ⁻²	± 10%

●检验方法及判定标准

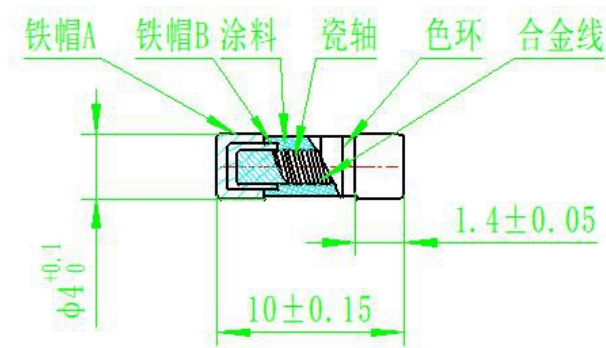
试验 项目	试验方法及条件	合格判据
阻值	用仪器测量	按 GB/T5729中 4.5. 2 条
外形 尺寸	用肉眼观察 使用 1/20mm 量具进行测量	应符合图 1、表 1 的要求
外观 质量	用肉眼观察	表面平整光洁，漆层无 大于引线直径的气泡、 无脱落，标志清楚
可焊 性	将试验电阻帽盖在重量比为 25%松香 :75% 无水酒精的熔液中浸泡一下，再浸入槽温： 245±5°C(有铅);260±5°C(无铅)槽中(3 -5)秒， 浸入深度 (距安装平面或元件主体) 2MM 或在试验电阻帽盖上均匀涂上带助焊剂的 锡膏，再用：260±5°C温度加热(5~10)秒	上锡面应大于 90%
耐压 电压	用耐压测试仪对电阻封装层施加 300V的 绝缘电压	电阻无击穿或飞弧
短时 过载 测试	对测试电阻施加 2.5 倍功率的电压 5V时间 10秒	电阻阻值变化率≤ 5%
开关 冲击	对测试电阻施加 75%额定功率的电流 0.273A, 30秒开通, 90秒关断	1万次内电阻不开路



●阻值识别及偏差范围

色环标志颜色	有效数字	倍率	阻值允许偏差
黑色	0	10^0	—
棕色	1	10^1	$\pm 1\%$
红色	2	10^2	$\pm 2\%$
橙色	3	10^3	—
黄色	4	10^4	—
绿色	5	10^5	$\pm 0.5\%$
兰色	6	10^6	$\pm 0.25\%$
紫色	7	10^7	$\pm 0.1\%$
灰色	8	10^8	—
白色	9	10^9	—
银色	—	10^{-2}	$\pm 10\%$

●产品外型尺寸

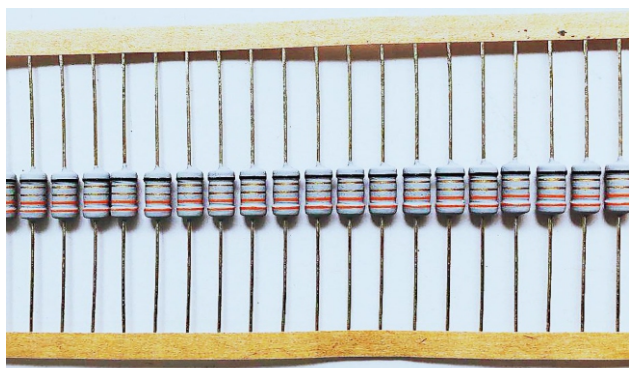


●检验方法及判定标准

试验项目	试验方法及条件	合格判据
阻值	用仪器测量	按 GB/T5729中 4.5. 2 条
外形尺寸	用肉眼观察 使用 1/20mm 量具进行测量	应符合图 1、表 1 的要求
外观质量	用肉眼观察	表面平整光洁，漆层无大于引线直径的气泡、无脱落，标志清楚
可焊性	将试验电阻帽盖在重量比为 25% 松香：75% 无水酒精的溶液中浸泡一下，再浸入槽温： 245±5℃(有铅);260±5℃(无铅)槽中(3 - 5)秒，浸入深度(距安装平面或元件主体) 2MM 或在试验电阻帽盖上均匀涂上帮助焊剂的锡膏，再用：260±5℃温度加热(5~10)秒	上锡面应大于 90%
耐压电压	用耐压测试仪对电阻封装层施加 300V 的绝缘电压	电阻无击穿或飞弧
短时过载测试	对测试电阻施加 2.5 倍功率的电压 5V 时间 10 秒	电阻阻值变化率 ≤ 5%
开关冲击	对测试电阻施加 75% 额定功率的电流 0.273A, 30 秒开通, 90 秒关断	1 万次内电阻不开路

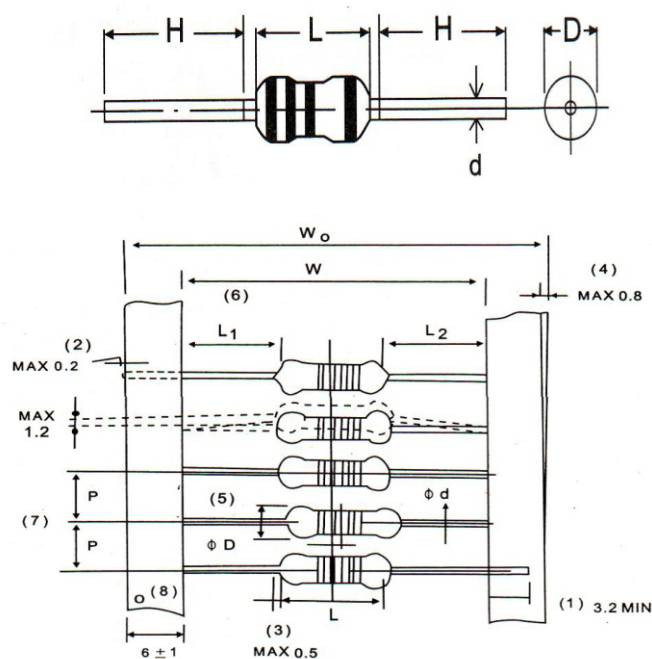
●性能参数

型号 功率	温度系数 TCR ($\times 10^{-6}/^{\circ}\text{C}$)	绝缘电压 (V)	最高浪涌电压 (KV)	阻值范围(Ω)
				$\pm 5\%(J)$
RX19-2WS	< 250	> 350	4	< 100 Ω



●产品外型尺寸

P型尺寸(P TYPE DIMENSIONS)



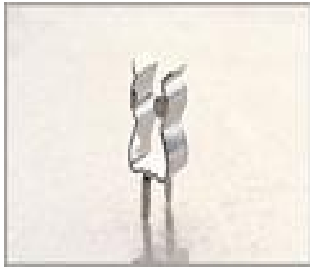
品 名 PART NO.	尺寸(DIMENSIONS mm)								
	L±0.5	D±0.5	d±0.05	H±2.0	小型化 SMALL SIZE	L±0.5	D±0.5	d±0.05	H±2.0
0.125W(1/8W)	3.5	1.5	0.43	28	0.25WS(1/4WS)	3.5	1.5	0.43	28
0.25W(1/4W)	6.0	2.3	0.43	27	0.5WS(1/2WS)	6.0	2.3	0.43	27
0.5W(1/2W)	9.0	3.2	0.55	26	1WS	9.0	3.2	0.55	26
1W	11.0	4.0	0.70	31	2WS	11.0	4.0	0.70	31
2W	15.0	5.0	0.70	35	3WS	15.0	5.0	0.70	35
3W	17.0	6.0	0.70	36	5WS	17.0	6.0	0.70	36
5W	24.0	8.0	0.70	36	7WS	24.0	8.0	0.70	36

●阻值识别及偏差范围

颜色	COLOR	NO.1	NO.2	NO.3	NO.4	NO.5
黑	BLACK	0	0	10^0		绕线 KNP
棕	BROWN	1	1	10^1	± 1%	
红	RED	2	2	10^2	± 2%	
橙	ORANGE	3	3	10^3		
黄	YELLOW	4	4	10^4		
绿	GREEN	5	5	10^5		
蓝	BLUE	6	6	10^6		绕线无感 NKNP
紫	VIOLET	7	7	10^7		
灰	GRAY	8	8	10^8		
白	WHITE	9	9	10^9		保险丝电 阻 FR
金	GOLD			10^{-1}	± 5%	
银	SILVER			10^{-2}	± 10%	

●包装尺寸

PACKAGE STYLE	TYPE	Q' TY/ BOX	W	L	H
T26	1/8W	5,000	50±2	260±5	67±2
	1/4W	5,000	50±2	260±5	67±2
T52	1/8W	5,000	76±3	260±5	67±2
	1/4W	5,000	83±3	270±5	100±2
	1/2W	2,000	83±3	270±5	88±2
	1W	1,000	83±3	270±5	88±2
T63	2W	1,000	83±3	270±5	100±2
T73	1W	1,000	103±3	260±5	100±2
	2W	1,000	103±3	260±5	100±2



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欧式保险丝



欧式保险丝



温度保险丝



温度开关



汽车保险丝



汽车保险丝



贴片保险丝



自恢复保险丝



玻封保险丝