



贝特卫士®
www.betterfuse.com

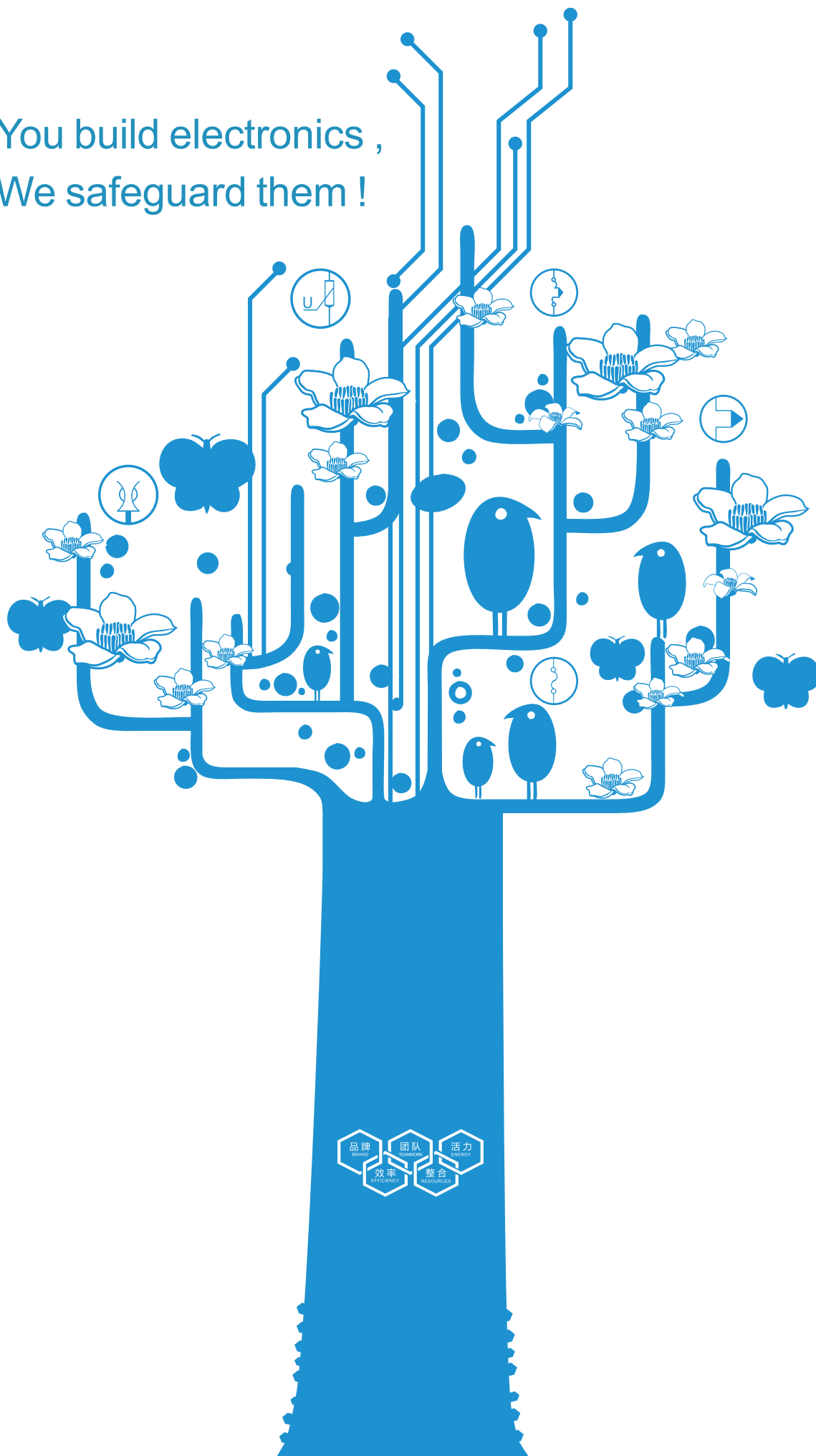
更好的电路安全卫士! ▮

You build electronics , We safeguard them !

2017/2018

Product Portfolio

You build electronics ,
We safeguard them !



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- Cartridge Fuse 6x30mm Series
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CEO Address

In 2017 our Chinese spring already started beginning of February, which is very early this year. While people in Europe and America were still nestled down and braved the last surges of winter, Betterfuse already started to plant the seeds for a successful new business year.

In our annual operations summit we defined our company's strategic steps and targets to reach this year, each department introduced its individual mission statements to manifest their work ethics and all senior executives attended a swearing-in ceremony. All this fresh energy is the result of our extraordinary performance in the past year 2016:

- **Our successful IPO**
- **Our tax contribution of more than 10 Million RMB**
- **Our year-on-year revenue growth of 26%**
- **Employee participation in the allocation of company shares**
- **Governmental support and business incentives**

All those accomplishments confirm the strategy and dedication of our team, to reinforce Betterfuse's leadership in the fuse industry and further increase the reputation and integrity of our Betterfuse Group.

In addition, we have many more exciting products and surprises in store for this year:

- **Wider and more refined range of over-current protection.**
- **Mass production and considerable economies of scale for thermal protection products.**
- **New product introduction of BTU, our patented crossover of over-current with thermal protection.**
- **Joint ventures with other brands especially in the fields of research and development, production and worldwide distribution.**

I'm convinced the results of our team efforts this year will set new heights and valuable milestones for the future of Betterfuse and its associated brands. They will attract more and more customers to choose and put their trust in us, pushing our achievements to even higher levels.

On a final note, like the symbolic Chinese Hero tree we chose as our mascot, Betterfuse will continue growing stronger and branch out through our pragmatic power, paired with innovative spirit, solid financial roots and relentless dynamic approach for brand new business endeavor

Enjoy your work and accomplishments,
Yours truly,



David Han
CEO of Betterfuse
In Apartment Central hotel Leipzig Germany
March 6, 2017

2017,中国的春天来得特别早,而欧美的春天还在冬天末梢里姗姗来迟, Betterfuse初八就开工了,三天的运营会,部署了全年的战略步骤及指标,设定了各部运营关键词,各月工作主题,并且,运营高管全体宣誓,一切均在高潮迭起中有序进行,这一切的活力源于过去的2016年的非凡绩效:

- **新三板**
- **税收首逾千万**
- **营收成长26%**
- **首轮定增和股权激励**
- **三年倍增计划**

以上的表现更坚定了我们的战略定力,夯实了Betterfuse在行业的领导地位,进一步提升贝特卫士品牌的自豪感。

另外,在公司业务层面也将有更多惊喜:

- **过流产品和方案更丰富和精致**
- **过温产品开始大批量投放市场**
- **过流过温产品跨界融合产生新品BTU**
- **合资品牌产品研发,生产,行销全球理想布局**

以上的努力成果将BETTERFUSE及其关联品牌变得更有前瞻性,也因此将会吸引更多的客户选择我们,依赖我们,将我们的成就推向高的境界。

最后,英雄花树般的BETTERFUSE,务实+创新仍是我们的未来的工作主调,在坚实的财政基础的保证下,让我们一起撸起袖子加油干!

Apartment Central 酒店 莱比锡市 德国
2017年 3月6日 夜



Company History

More ...
TS16949 ...

2017

The first batch of pilot enterprise of "Doubling plan" in Dongguan city.
首批入选东莞市“倍增计划”试点企业

2016

Successfully landed the Chinese OTC Market and acquired the qualification of the intellectual property management system certification, Obtained "chip fuse" and "miniature fuse" two high-tech products certifications.
贝特卫士成功登陆新三板, 获得“知识产权管理体系认证”资质, 获得“片式保险丝”和“小型保险丝”两项高新技术产品证书

2015

Obtained the certification of "Engineering Research Center of Circuit Protection Components in Guangdong Province".
取得“广东省电路保护元件工程技术研究中心”资格认定

2014

Accessed to the certification of ISO 14001 and QC 080000 quality management system and successfully registered "Betterfuse" brand trademark as "贝特卫士", which pronounced similar to "Betterfuse".
通过“ISO 14001”和“QC 080000”质量管理体系认证, 成功注册“贝特卫士”品牌商标

2012

Updated enterprise to corporation firm, name still be kept "Dongguan Better Electronics Technology Co., Ltd."
企业股改成功, 公司名称正式变更为“东莞市贝特电子科技股份有限公司”

2011

Accessed to the qualification of "high-tech enterprise".
获得“高新技术企业”资质

2010

Successively merged with Asiafuse (HK) Electronics Limited, Foshan Wholesome Electronics Co., Ltd., Tronic Electronics Limited., Wuxi Waltron Electronic Co., Ltd.
先后并购艾弗电子(香港)公司, 宏立信电子, 创领电子, 华创电子

2009

Accessed to the qualification of "Guangdong private science and technology enterprises".
获得“广东省民营科技企业”资质

2007

Accessed to "BSI ISO 9000" quality management system certification.
获得“BSI ISO 9000”质量管理体系认证

2005

Comprehensively started using standard plants and office buildings.
全面启用标准厂房和办公大楼

2003

Officially registered "Dongguan Better Electronics Technology Co., Ltd."
正式注册“东莞市贝特电子科技有限公司”



Our Company

Incorporated in 2003 on the foundations of the German WICKMANN's factory in Dongguan, Better Group established and secured its leader position on fuse industry as a manufacturer for total circuit protection components and brand operators in China.

Our product portfolio consists of fuses and components for over-current, over-voltage and over-temperature protection and related accessories, which are approved and certified through major international testing laboratories, such as TUV, VDE, UL, CSA, CCC, PSA, KC and ASTA. Has won the recognition from domestic and overseas famous enterprises, like Samsung, Midea, LG, BYD, and has established long-term and friendly cooperation relationship.

In the electronics, electricity, new power and industrial circuit protection market, in order to meet different safety requirements and localization service, We has respectively set up multiple overseas offices and agencies in Asia, Europe and America.

For many years, We experienced mergers and acquisitions, recombination and upgrade. It started from a small workshop and has developed till now. Taking the Dongguan Songshanhu Betel headquarter as the maternal and subordinating 4 branches, Betterfuse is a national high-tech enterprise. Through the targets and principles, like optimizing talents, platform integration, flat management, two-oriented integration, Betterfuse continuously improves core competitiveness of enterprises.

Under the guidance of the company's five core ideas- 'Brand, Teamwork, Energy, Efficiency, Resources', with solid technical strength, We has implemented related systems, like ERP, and introduced advanced equipment of IM and management system prospectively. Keep pace with times so that to provide faithful and value-added services for the global clients.

东莞市贝特电子科技股份有限公司于2003年系原德国 WICKMANN(东莞)中国团队创办, 公司定位全面电路保护元件制造商和方案供应商, 目前已成为中国区行业领跑品牌。

我们的产品包含过流, 过压, 过温电路保护元件和复合产品以及相关配件, 已经取得了TUV、VDE、UL、CSA、CCC、PSA、KC、ASTA等认证。公司前后取得了ISO14001、QC080000等体系认证; 赢得了:三星、美的、LG、比亚迪等国内外知名企业的认可, 并建立了长期、友好合作关系。

在电子、电力、新能源和工业电路保护市场上, 为满足各种不同的安全技术要求和本土化服务, 我们在亚洲、欧洲和美洲分别设立多个海外驻点办事处和代理机构。

多年来, 我们历经了并购、重组、升级。从一个小车间开始, 发展至今, 以贝特卫士东莞松山湖总部为母体下辖4家分子公司的国家高新技术企业, 通过优化人、平台整合、扁平化管理、两化融合等方针和目标, 不断提升企业核心竞争力。

在“品牌、活力、团队、效率、整合”企业五大核心理念的指引下, 我们以雄厚的技术实力, 导入了ERP等相关系统, 并前瞻性地引入智能制造的先进设备和管理体系, 与时俱进, 为全球客户提供诚信、增值的服务。





OC

Over Current Protection

Chip-Fuses, Brick-Fuses, Cylindrical Glass, Epoxy and Ceramic Fuses, PPTC, British Plug Top Fuses, Microwave Oven Fuses, Square/ Box Fuses, Special Purpose Fuses, Automotive Fuses



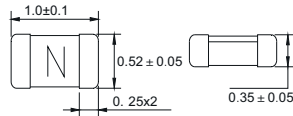
SMD Fuses

ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

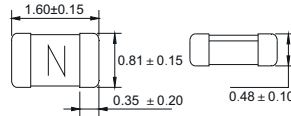
SMD Fuse 0402 Size Fast-Acting 041 Series

24/32VDC
200mA-4A
35A@32VDC[200mA-750mA]
35A@24VDC[1A-4A]



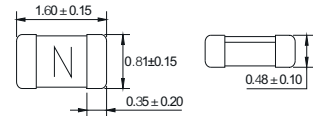
SMD Fuse 0603 Size Fast-Acting 061 Series

32VDC
250mA-5A
50A@32VDC[250mA-1A]
35A@32VDC[1.25A-5A]



SMD Fuse 0603 Size Time-Lag, high I²t 063 Series

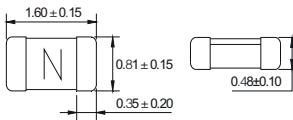
32VDC
1A-5A
50A@32VDC[1A-5A]



Voltage Range
Ampere Range
Breaking Capacity

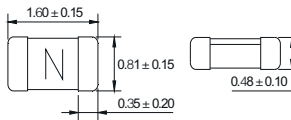
SMD Fuse 0603 Size Fast-Acting 064 Series

63VDC
250mA-1.5A
50A@63VDC[250mA-1.5A]



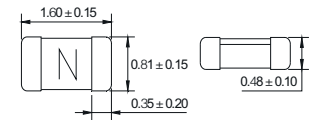
SMD Fuse 0603 Size Fast-Acting 065 Series

32VDC
250mA-8A
50A@32VDC[250mA-8A]



SMD Fuse 0603 Size Time-Lag, high I²t 066 Series

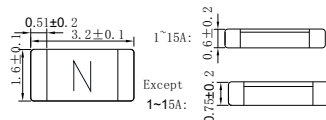
32VDC
1A-8A
50A@32VDC[1A-8A]



Voltage Range
Ampere Range
Breaking Capacity

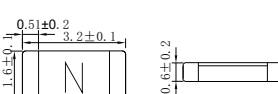
SMD Fuse 1206 Size Fast-Acting 121 Series

24/32VAC, 24/32/63VDC
100mA-20A
50A@32VAC/63VDC[100mA-3A]
50A@32VAC/DC[4-7A]
150A@24VAC/DC[8A-20A]



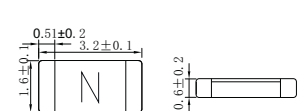
SMD Fuse 1206 Size Very Fast-Acting 122 Series

72/63VDC
1A-5A
50A@72V/63VDC[1-5A]



SMD Fuse 1206 Size Time-Lag, high I²t 123 Series

12VAC, 32/63VDC
1A-5A
50A@12VAC/63VDC[1-4A]
100A@12VAC/32VDC[4.5A-5A]



SMD Fuses

ROHS HF

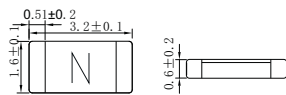
Voltage Range
Ampere Range
Breaking Capacity

SMD Fuse 1206 Size

Fast-Acting, high voltage
124 Series



125VAC/DC
250mA-1.5A
50A@125VAC/DC[250mA-1.5A]

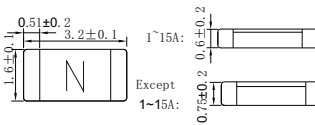


SMD Fuse 1206 Size

Fast-Acting
125 Series



72/63/32/24VDC
250mA-30A
50A@72/63/32DC, 300A@24VDC[250mA-4A]
50A@32DC, 300A@24VDC[4.5A-7A]
150A@32DC, 300A@24VDC[8A-30A]

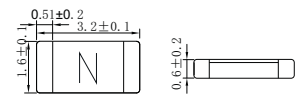


SMD Fuse 1206 Size

Time-Lag, high I²t
126 Series



72/63/45/32/24VDC
750mA-30A
50A@72/63VDC[750mA-4A]
50A@32/45VDC[4.5A-7A]
300A@32VDC, 150A@24VDC[8A-30A]

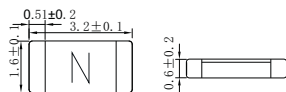


SMD Fuse 1206 Size

Fast-Acting, high voltage
127 Series



125VAC, 125/72VDC
250m-5A
50A@125VAC/DC[250mA-3A]
50A@125VAC/72VDC[3.5A-5A]

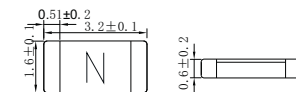


SMD Fuse 1206 Size

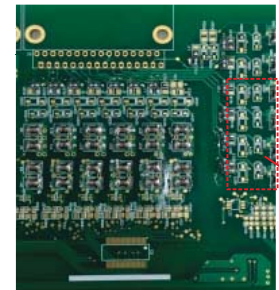
Fast-Acting, high voltage
131 Series



125VAC, 72VDC
1A-3A
100A@125VAC/72VDC[1A-3A]



BMS Application:



SMD Fuse

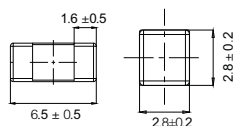
Voltage Range
Ampere Range
Breaking Capacity

SMD Fuse 2410 Size

Fast-Acting
241 Series



125VAC/DC
2A-15A
50A or 10In@125VAC/DC[2A-10A]
50A@125VAC/DC[12A-15A]

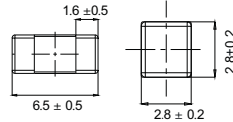


SMD Fuse 2410 Size

Fast-Acting
247 Series



125VAC, 125VDC
375mA-1.6A
100A@125VAC, 50A@125VDC[375mA-1.6A]

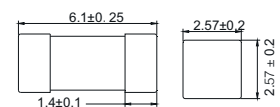


SMD Fuse 2410 Size

Fast-Acting, high current
249 Series



72VDC
20A-30A
500A@72VDC[20A-30A]



SMD Fuses

ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

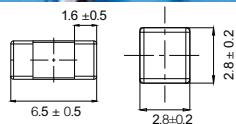
SMD Fuse 2410 Size

Time-Lag

244 Series



250VAC, 125VDC
250mA-7A
100A@250VAC[250mA-7A]
50A@125VDC[250mA-7A]



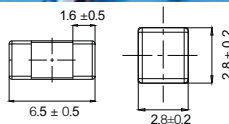
SMD Fuse 2410 Size

Time-Lag, High I²t

245 Series



125VAC, 125VDC
250mA-7A
100A@125VAC[250mA-7A]
50A@125VDC[250mA-7A]



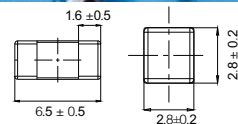
SMD Fuse 2410 Size

Time-Lag, High Voltage

246 Series



350VAC
250mA-7A
50A@350VAC[250mA-7A]



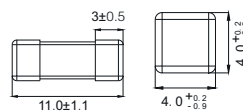
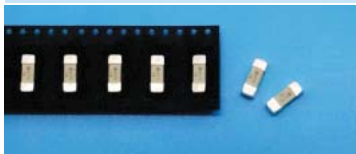
SMD Fuse 1140 Size

Fast-Acting

475 Series



250VAC/DC, 72VDC
400mA-10A
150A@250VAC/DC[500mA-5A]
500A@72VDC[6.3A-10A]



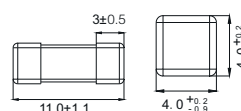
SMD Fuse 1140 Size

Time-Lag

476 Series



250VAC/DC, 72VDC
500mA-10A
150A@250VAC/DC[500mA-5A]
500A@72VDC[6.3A-10A]



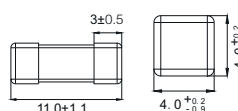
SMD Fuse 1140 Size

Time-Lag, high current

477 Series



125/250VAC, 72VDC
15A-60A
150A@250VAC, 500A@72VDC[15A-40A]
250A@125VAC[50A-60A]
1000A@32VDC[15A-60A]



Application Suitable for LED Light 适用于室内灯饰

应用: Electric tools Power battery pack protection 电动工具 动力电池包保护
Server power supply large current protection 服务器 电源大电流保护



Mower割草机



Electric drill 电钻



LED Light 灯

Cartridge Fuses

ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

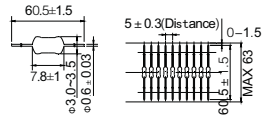
Φ2*7mm Coated Tube Fuse

Fast-Acting

211 Series



250VAC
100mA-20A
50A@250VAC[100mA-20A]



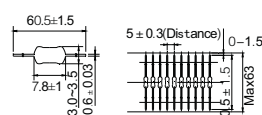
Φ2*7mm Coated Tube Fuse

Time-Lag

212 Series



250VAC
100mA-6.3A
50A@250VAC[100mA-2.5A]
35A@250VAC[3.15A-6.3A]



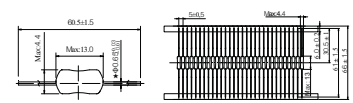
Φ4*13mm Coated Tube Fuse

Time-Lag

316 Series



350VAC
250mA-10A
100A@350VAC[250mA-10A]



Voltage Range
Ampere Range
Breaking Capacity

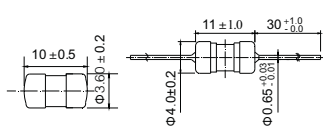
Φ3*10mm Glass Tube Fuse

Fast-Acting

311 Series



250VAC
250mA-12A
50A@250VAC[250mA-12A]



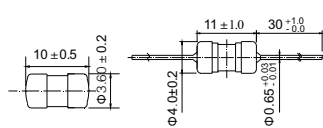
Φ3*10mm Glass Tube Fuse

Time-Lag

312 Series



250VAC
250mA-10A
50A@250VAC[250mA-10A]



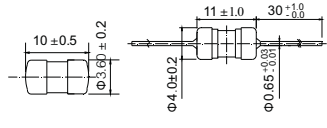
Φ3*10mm Glass Tube Fuse

Fast-Acting

331 Series



250VAC/125VAC
250mA-10A
50A@125VAC, 35A or 10In@250VAC[250mA-6.3A]
50A@250VAC[7A-10A]



Voltage Range
Ampere Range
Breaking Capacity

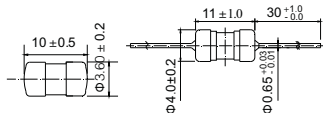
Φ3*10mm Glass Tube Fuse

Time-Lag

332 Series



250VAC/125VAC
250mA-10A
50A@125VAC, 35A or 10In@250VAC[250mA-8A]
50A@250VAC[10A]



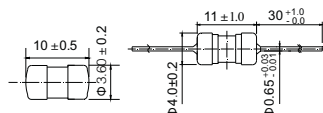
Φ3*10mm Ceramic Tube Fuse

Fast-Acting

333 Series



250VAC/125VAC
250mA-10A
50A@125VAC[200mA-10A]
35A or 10In@250VAC[200mA-6.3A]
50A@250VAC[7A-10A]



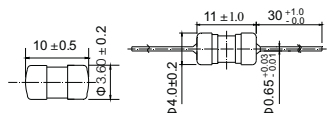
Φ3*10mm Ceramic Tube Fuse

Time-Lag

334 Series



250VAC/125VAC
200mA-10A
50A@125VAC[200mA-10A]
35A or 10In@250VAC[200mA-6.3A]
50A@250VAC[7A-10A]



Cartridge Fuses

ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

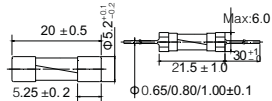
Φ5*20mm Glass Tube Fuse

Time-Lag

511 Series



250VAC/125VAC
250mA-15A
10KA@125VAC, 35A@250VAC[250mA-800mA]
10KA@125VAC, 100A@250VAC[1A-3.5A]
10KA@125VAC, 200A@250VAC[4A-6.3A]
100A@125V/250VAC[7A-15A]



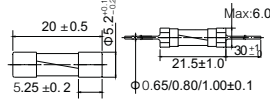
Φ5*20mm Glass Tube Fuse

Time-Lag

512 Series



250VAC/125VAC
250mA-15A
10KA@125VAC, 35A@250VAC[250mA-800mA]
10KA@125VAC, 100A@250VAC[1A-6.3A]
400A@125VAC, 100A@250VAC[7A-15A]



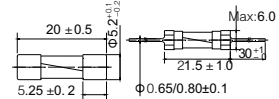
Φ5*20mm Glass Tube Fuse

Fast-Acting

521 Series



250/125VAC
250mA-16A
10KA@125VAC[250mA-16A]
100A@250VAC[250mA-16A]



Voltage Range
Ampere Range
Breaking Capacity

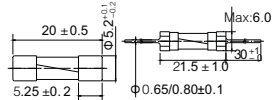
Φ5*20mm Glass Tube Fuse

Time-Lag

522 Series



250VAC
100mA-16A
35A or 10In@250VAC[100mA-16A]



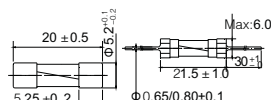
Φ5*20mm Ceramic Tube Fuse

Fast-Acting, high breaking capacity

523 Series



250VAC/125VAC
500mA-10A
1500A@250VAC[500mA-10A]
10KA@125VAC[500mA-10A]



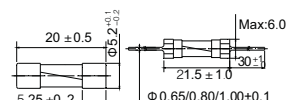
Φ5*20mm Ceramic Tube Fuse

Time-Lag, high breaking capacity

524 Series



250VAC/125VAC
500mA-25A
1500A@250VAC[500mA-16A]
200A@250VAC[20A-25A]
10KA@125VAC[500mA-25A]



Voltage Range
Ampere Range
Breaking Capacity

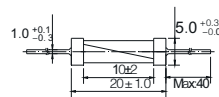
Φ5*20mm Glass Tube Fuse

Fast-Acting, single cap

527 Series



250VAC
12.5A, 16A
125A@250VAC[12.5A, 16A]



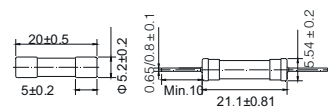
Φ5*20mm Ceramic Tube Fuse

Fast-Acting

531 Series



300VAC/DC
200mA-30A
3KA@300VAC/DC[200mA-10A]
300A@300VAC/DC[12A-30A]



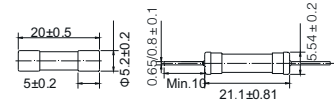
Φ5*20mm Ceramic Tube Fuse

Fast-Acting

571 Series



600VAC
200mA-20A
1KA@600VAC[200mA-1A]
200A@600VAC[1.25A-20A]



Cartridge Fuses

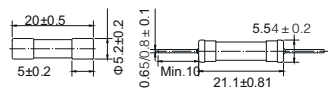
ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

Φ5*20mm Ceramic Tube Fuse Fast-Acting 573 Series



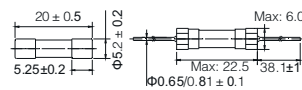
500VDC
200mA-20A
300A@500VDC, 2KA@400VDC[200mA-10A] 300A@500VDC[12A-20A]



Φ5*20mm Ceramic Tube Fuse Time-Lag 582 Series



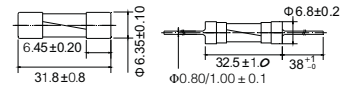
600VAC, 500VDC
500mA-20A
200A@600VAC, 300A@500VDC, 2KA@400VDC[500mA-10A] 200A@600VAC, 300A@500VDC[12A-20A]



Φ6*30mm Glass Tube Fuse Fast-Acting 611 Series



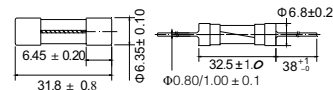
250VAC/125VAC
500mA-25A
10KA@125VAC, 35A@250VAC[500mA-800mA] 10KA@125VAC, 100A@250VAC[1A-3A] 10KA@125VAC, 200A@250VAC[3.15A-20A] 300A@125VAC[25A]



Φ6*30mm Glass Tube Fuse Time-Lag 612 Series



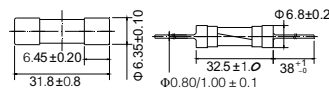
250VAC/125VAC
500mA-30A
10KA@125VAC, 35A@250VAC[500mA-1A] 10KA@125VAC, 100A@250VAC[1.25A-3.5A] 10KA@125VAC, 200A@250VAC[4A-8A] 400A@125VAC, 200A@250VAC[10A-20A] 400A@125VAC, 100A@250VAC[25A-30A]



Φ6*30mm Ceramic Tube Fuse Fast-Acting 613 Series



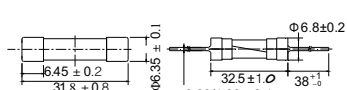
250VAC
500mA-25A
35A@250VAC[500mA-1A] 100A@250VAC[1.25A-3.5A] 200A@250VAC[4A-25A]



Φ6*30mm Ceramic Tube Fuse Time-Lag 614 Series



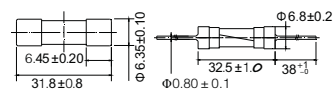
250VAC/125VAC
500mA-30A
35A@250VAC[500mA-800mA] 100A@250VAC[1A-3.5A, 25A-30A] 200A@250VAC[4A-20A] 400A@125VAC[500mA-30A]



Φ6*30mm Ceramic Tube Fuse Fast-Acting 615 Series



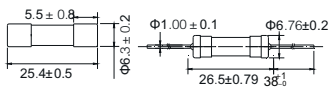
1000VAC/660VAC
500mA-10A
100A@1000VAC[500mA-10A] 300A@660VAC[500mA-10A]



Φ6*25mm Ceramic Tube Fuse Time-Lag 671 Series



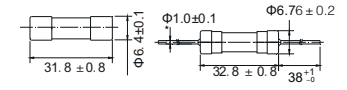
75VDC
5A-50A
2.5KA@75VDC[5A-50A]



Φ6*30mm Ceramic Tube Fuse Fast-Acting 682 Series

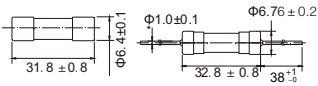
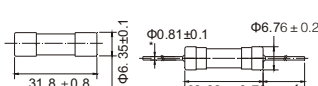
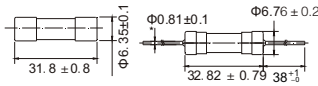
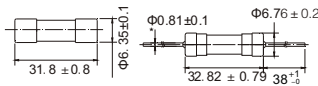
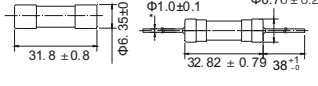
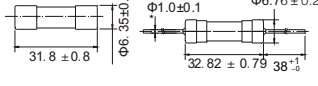


500VAC, 500VDC
10A-30A
30KA@500VAC[10A-30A] 20KA@500VDC[10A-30A]



Cartridge Fuses / 500VDC-1000VDC

ROHS HF

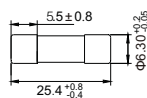
Voltage Range Ampere Range Breaking Capacity	Φ6*30mm Ceramic Tube Fuse Fast-Acting 683 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 691 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 692 Series 
	500VAC, 500VDC 20A-30A 1KA@500VAC/DC[20A-30A]	600VAC, 600VDC 200mA-12A 10KA@600VAC/DC[200mA-12A]	660VAC, 660VDC 200mA-30A 1KA@660VAC/DC[200mA-30A]
			
			
Voltage Range Ampere Range Breaking Capacity	Φ6*30mm Ceramic Tube Fuse Fast-Acting 693 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 695 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 697 Series 
	1000VAC, 1000VDC 200mA-3.15A 10KA@1000VAC/DC[200mA-3.15A]	250VAC, 150VDC 20A-50A 1KA@250VAC/150VDC[20A-50A]	400VAC 30A 1KA@400VAC[30A]
			
			

British Plug Top Fuse

Fast / Medium
AF63 Series, BS1362-1973



Voltage Range	264VAC
Ampere Range	1A~13A
Breaking Capacity	6KA@264VAC[1A~13A]



Application:



Cartridge Fuses / Car Fuses / Through Hole Fuses

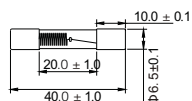
ROHS HF

Voltage Range
Ampere Range
Breaking Capacity

Φ6*40mm Glass Tube Fuse Fast-Acting, Microwave Dedicated 720 Series



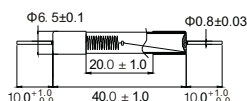
5KVAC
400mA~1A
5KVAC[400mA~1A]



Φ6*40mm Glass Tube Fuse Fast-Acting, Microwave Dedicated 722 Series

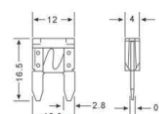


5KVAC
500mA~1A
5KVAC[500mA~1A]



Small Car Fuse Mini 717 Series

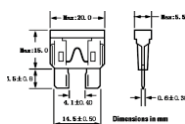
32VDC
5~30A
1000A@32VDC[5~30A]



Middle Car Fuse Max 718 Series

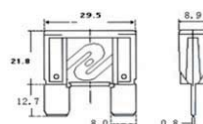


32VDC
5~40A
1000A@32VDC[5~40A]



Large Car Fuse Max 719 Series

32VDC
50A~100A
1000A@32VDC[50~100A]

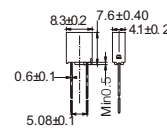
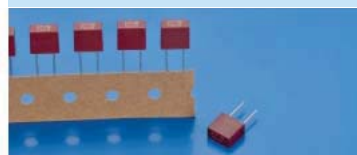


TE5 Fuse

Fast-Acting
931 Series



250VAC
100mA~10A
130A@250VAC[100mA~10A]



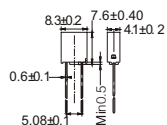
TE5 Fuse

Time-Lag

932 Series



300VAC/250VAC
100mA~10A
100A@250VAC[100mA~10A],
50A or 10In@300VAC[100mA~10A]



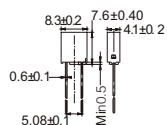
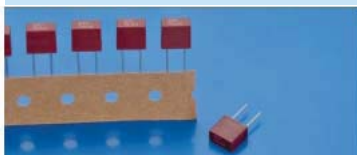
TE5 Fuse

Fast-Acting, high voltage

933 Series



400VAC, 250VDC
100mA~10A
100A@400VAC,
100A@250VDC[100mA~10A]



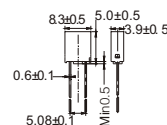
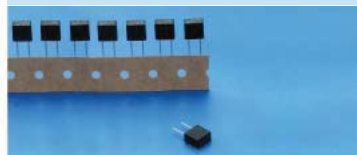
TK5 Fuse

Time-Lag, High Voltage

936 Series



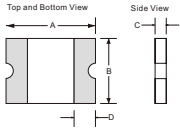
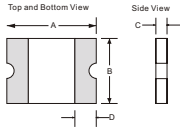
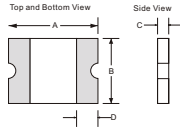
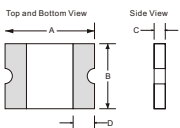
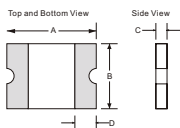
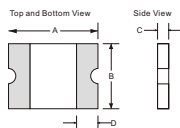
400VAC/250VAC, 250VDC
100mA~10A
100A@400VAC[100mA~10A]
130A@250VAC[100mA~10A]
60A@250VDC[100mA~10A]



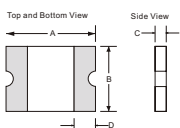
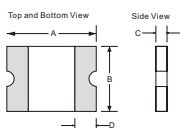
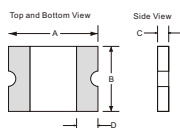
Voltage Range
Ampere Range
Breaking Capacity



SMD PPTC Fuses

	TLC-FSMD 0603 Size SMD PPTC	TLC-PSMD 0805 Size SMD PPTC	TLC-NSMD 1206 Size SMD PPTC
Voltage Range	15~6V DC	24~6V DC	30~6V DC
Current Range	0.10A~0.50A	0.10A~1.10A	0.05A~2.00A
			
			
	TLC-USMD 1210 Size SMD PPTC	TLC-MSMD 1812 Size SMD PPTC	TLC-LSMD 2920 Size SMD PPTC
Voltage Range	30~6V DC	60~6V DC	60~6V DC
Current Range	0.05A~2.00A	0.10A~3.00A	0.10A~3.00A
			
			

SMD Low Internal Resistance PPTC

	TLC-PSMDL 0805 Size SMD PPTC	TLC-NSMDL 1206 Size SMD PPTC	TLC-USMDL 1210 Size SMD PPTC
Voltage Range	6V DC	6V DC	6V DC
Current Range	0.75A~3.00A	1.10A~7.50A	1.10A~7.50A
			
			



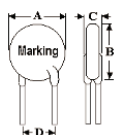
Through Hole PPTC Fuses/ESD Suppressor

ROHS HF

BJK16

Voltage Range
Current Range

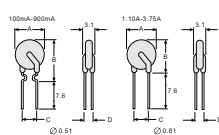
16V DC
0.10A-14.00A



BJK30



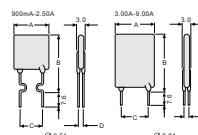
30V DC
0.75A-9.00A



BJK60



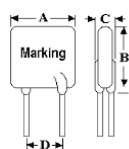
60V DC
0.05A-5.00A



BJK130

Voltage Range
Current Range

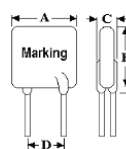
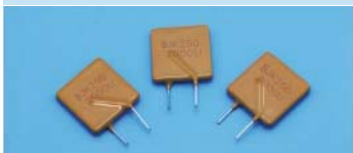
130V DC
0.06A-3.75A



BJK250

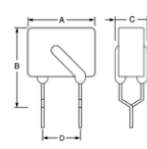


60V DC, interrupt voltage 250V DC
0.02A-2.00A



BJK600

60V DC, interrupt voltage 400V DC
0.05A-4.00A



Application Suitable for USB,HDMI and other mainboard interface protections 适用于主板的USB, HDMI等接口保护

应用: Door lock motor, power windows motor, vehicle navigation and other automotive electronic protections

门锁电机, 电动车窗, 车载导航等汽车电子保护

Switches, code scanning device and other communication equipment protections

交换机, 扫码枪等通讯设备保护



Computer equipment
电脑设备



Automotive electronics
汽车电子



Telecommunications equipment
电信设备





OV Over Voltage Protection

ESD Suppressors



ESD Suppressor

0402 Size ESD Suppressor
0402ESD-P

0402 Size ESD Suppressor-4P
0402ESD-4P

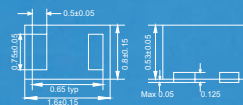
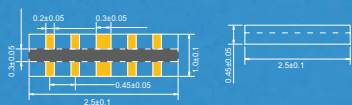
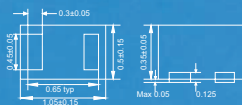
0603 Size ESD Suppressor
0603ESD-P

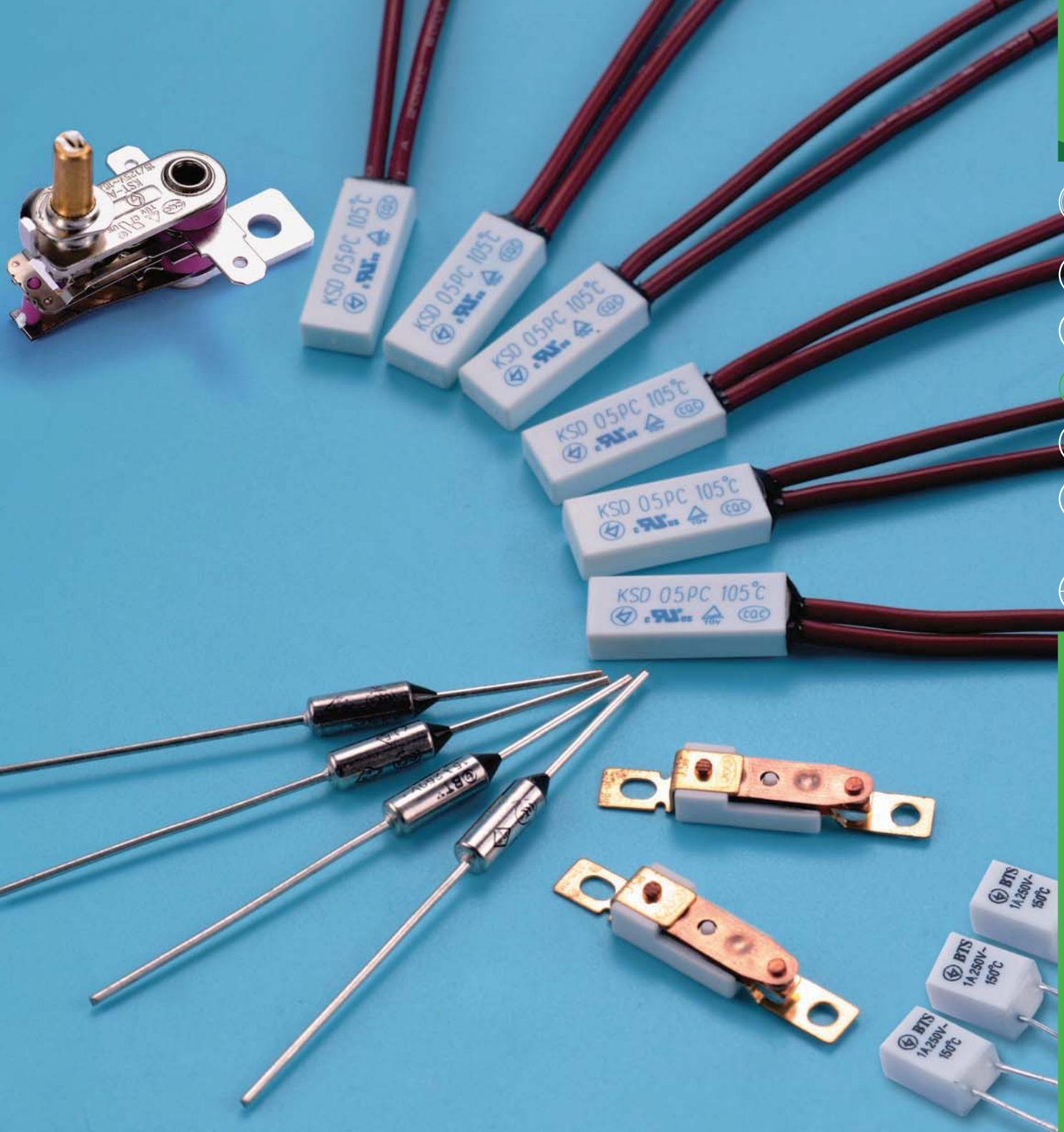
Voltage Range
Capacitance Range
ESD

24VDC
0.05pF
15KV air
8KV contact

5VDC
0.10pF
15KV air
8KV contact

24VDC
0.05pF
15KV air
8KV contact





OT

Over Temperature Protection

Thermal Cut-Off Fuses, High Precision Thermostats
And Switches





1

1



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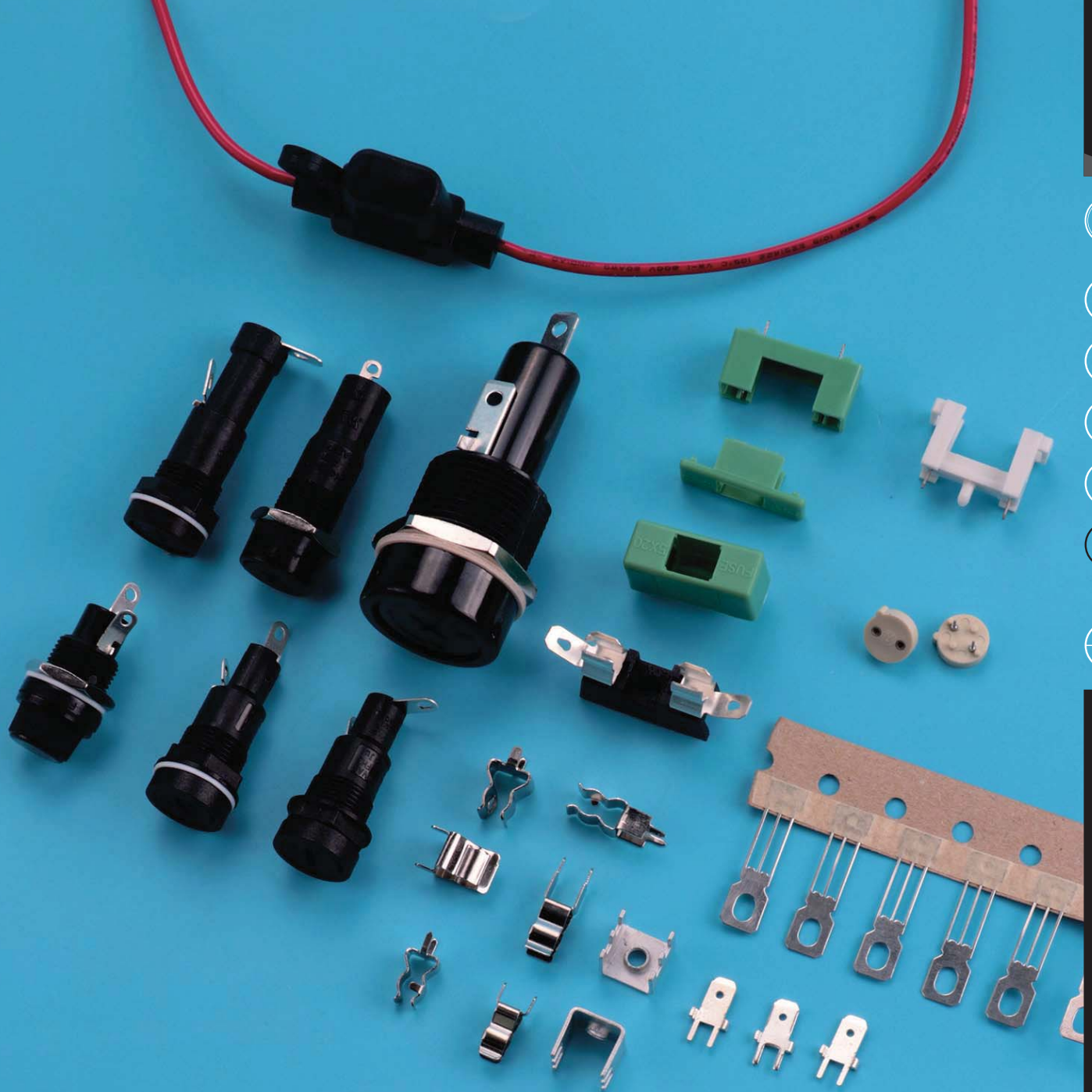


Multiple Protection

BTU Series

Resistance: $1.8\Omega \sim 68.0\Omega$

Rated Power: 0.5W, 1W, 2W



Accessories

Fuse Terminals, Clips, Holders, USB-C, Assembly

Fuse Holders

Voltage/Current
UL Rating
Mounting

Fuse Holder

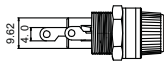
FH1-12-P, FH1-12-M



250VAC/10A

UL 94V0

Φ5*20mm



Fuse Holder

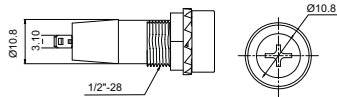
FH1-520-P



250VAC/10A

UL 94V0

Φ5*20mm



Fuse Holder

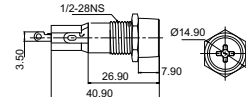
FH1-S-MZ, FH1-S-PZ



250VAC/10A

UL 94V0

Φ5*20mm



Voltage/Current
UL Rating
Mounting

Fuse Holder

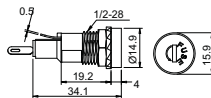
FH1-B-PZ, FH1-B-MW,
FH1-B-MZ, FH1-B-PW



250VAC/10A

UL 94V2

Φ5*20mm



Fuse Holder

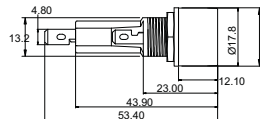
FH1-2



250VAC/10A

UL 94V2

Φ6*30mm



Fuse Holder

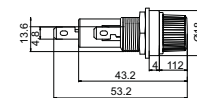
FH1-13



250VAC/10A

UL 94V0

Φ6*30mm



Voltage/Current
UL Rating
Mounting

Fuse Holder

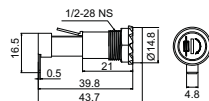
FH201-9-PW, FH201-9-PZ,
FH201-9-MW, FH201-9-MZ



250VAC/15A

UL 94V2

Φ6*30mm



Fuse Holder

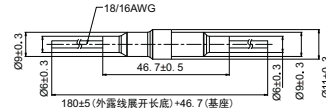
FH-208



250VAC/10A

UL 94V0

Φ5*20mm

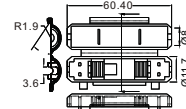


Fuse Holder for Φ6 *30mm Fuse BE 602

250VAC/15A

UL 94V0

Φ6*30mm



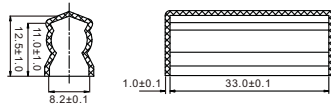
Fuse Holders

ROHS HF

Voltage/Current
UL Rating
Mounting

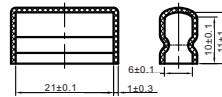
Fuse Cover PVC ROHS (FPFC21-6-11B) BH 503

250VAC/10A
UL94V0
Φ5*20mm



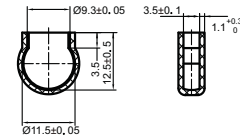
Fuse Cover PVC ROHS (FPFC33-11 630) BH 603

250VAC/10A
UL94V0
Φ6*30mm



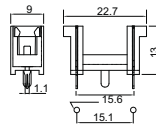
Varistor sheathed BH 701, BH 702

-
UL94V0
Φ7, Φ14 Varistor



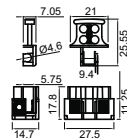
Fuse Holder BH 501

250VAC/10A
UL 94V0
Φ5*20mm



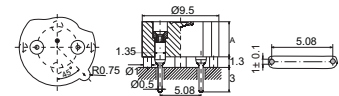
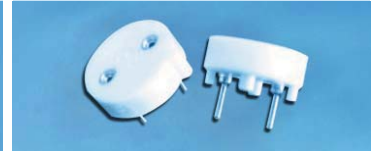
Fuse Holder BE 502

250VAC/10A
UL94V0
Φ5*20mm



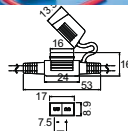
Fuse Holder BH 800

250VAC/10A
UL94V0
TE5 Fuse(H=3.0mm, H=4.3mm)



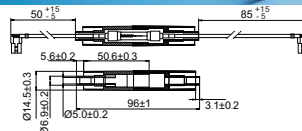
Fuse Holder BE 701, BE 702

32VDC/40A
UL94V0
Car Fuse



Fuse Holder 720xxx504

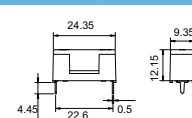
5KV 1APP F600
UL 94V0
Φ40*6.5mm



Fuse Holder FH1-200CK-B, FH1-200CK-G



250VAC/10A
UL 94V2
Φ5*20mm



Voltage/Current
UL Rating
Mounting



Fuse Clips/Terminals

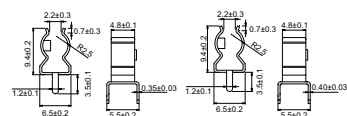
ROHS HF



Material
Plating
Thickness
Mounting

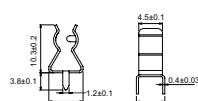
Fuse Clips BC501-035, BC501-040

Copper H62
Hard Nickel
0.35mm, 0.4mm
Φ5*20mm



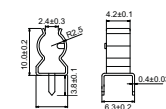
Fuse Clips BC502-040

High purity phosphor copper
Nickel
0.4mm
Φ5*20mm



Fuse Clips BC507-040

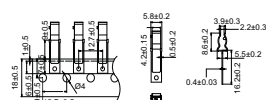
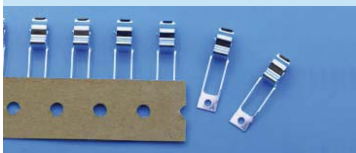
Copper H62
Hard Nickel
0.4mm
Φ5*20mm



Fuse Clips BC511-240-A

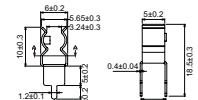
Material
Plating
Thickness
Mounting

High precision phosphor copper bright
Nickel
0.4mm
Φ5*20mm



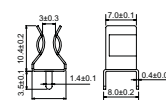
Fuse Clips BC522-040

Copper H62
Hard Nickel
0.4mm
Φ5*20mm



Fuse Clips BC600-040

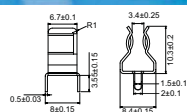
Copper H62
Hard Nickel
0.4mm
Φ6*30mm



Fuse Clips BC603-050

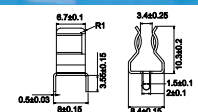
Material
Plating
Thickness
Mounting

Copper H62
Hard Nickel
0.4mm
Φ6*30mm



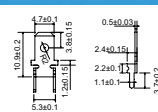
Fuse Clips BC603-250

Copper H62
Hard Nickel
0.5mm
Φ6*30mm



Insert Terminal BT001-050-A

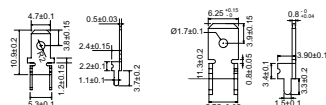
Copper H62, sermi-hard
Hard Nickel
0.5mm



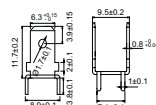
ROHS HF

Insert Terminal

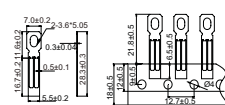
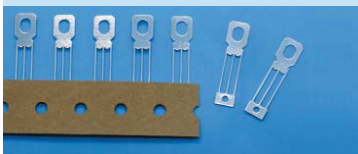
Copper H62, sermi-hard
Hard Nickel
0.75mm, 0.8mm



Copper H62, sermi-hard
Hard Nickel
0.8mm

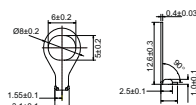


Iron
Thin Plated
0.3mm

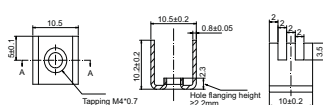


Insert Terminal
BT029-150

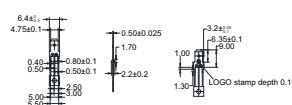
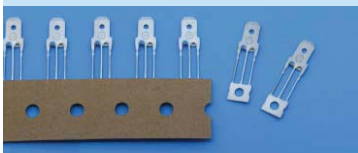
Copper H62, sermi-hard
Hard Nickel
0.8mm



Copper H65, Semi-hard
Matte-thin plated
Coating thickness $\geq 3\mu\text{m}$

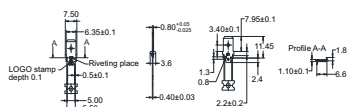
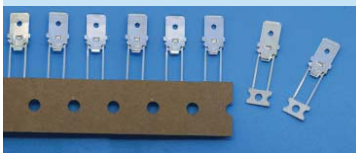


Copper H62, sermi-hard
Nickel Plated
3~6μm

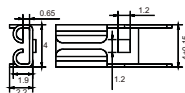


Car Fuse Insert Terminals For 718 BC 702

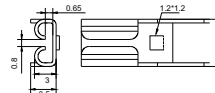
Copper H65, Semi-hard
Nickel plated
1~3μm



Phosphor Bronze
Ni Plated, Bright Sn Plated
0.8mm



Phosphor Bronze
Ni Plated, Bright Sn Plated
0.8mm





木棉花树

“贝特卫士”主题歌

韩露 词

方奕 曲

1=F $\frac{4}{4}$

3 3·2 1 - | 2 2 1 6 - | 1 6 6 5 - | 5 2 4 3 - |
岭南之南， 湖曰松山， 在水一方， 青春激荡。
贝特卫士， 一世尘缘， 春花浪漫， 静美夏叶。

3 3 3 7 6 · | 3 3 1 3 2 · | 5 5 2 5 5 · | 3·3 3 3 2 3 |
仗铁枝铜杆， 写义薄云天。 看浓须大面， 如霞花冠飞阵
候一枕秋霜， 托冬蕾梦醒。 听落地铿锵， 任重道远亦绝

6 - - - :|| 6 - - - | 6 - - - ||: 6 6·6 6 - |
雁！ 然！ 品牌活力，
贝特卫士，

5 2·5 3 - | 4 4·2 4 - | 2 2 5 5 - | 6 6·5 4 2 |
矢志宏愿； 团队效率， 企业本源。 凭环宇整合，
一世尘缘； 拳拳赤子， 谦谦草莽。 拼一树疤印，

5·5 5 4 3 - | 4 4·5 6 6 | 2·2 2 2 5 2 | 6 - - - :||
立千秋基业， 待攀枝飞絮， 木棉凌霄尽笑颜！
高处颂阳光， 看烟波淼淼， 轻舟闲渡过千帆！

0 0 2 2 2 2 | 5 - 7 - | 6 - - - | 6 0 0 0 ||
轻舟闲渡过千帆！



扫码在线试听

