



National High-tech Enterprise
SC 32C National Technical
Committee Member of China
Intertek ISO 9001 Certificated Company
Intertek ISO 14001 Certificated Company
Intertek QC 080000 Certificated Company
NQA IATF 16949 Certificated Company

国家高新技术企业
SC 32C 国内专家组成员单位
ISO 9001 认证企业
ISO 14001 认证企业
QC 080000 认证企业
IATF 16949 认证体系

■ Headquarters 总部

东莞市贝特电子科技股份有限公司
Add.:Room 601 of 16Block, No.1 Headquarters Valley, Hsinchu Road,Songshan Lake
High-tech Industrial Development Zone.Dongguan city Guangdong Province P.R.C.
Tel: +86-769-2307 8202 / 2307 8212
Fax: +86-769-8352 1857
Website: www.betterfuse.com
地址: 广东省东莞市松山湖高新技术产业开发区新竹路总部一号, 16栋六楼



Website



Wechat public account

Subsidiaries 集团成员

■ 贝特卫士 (香港)

Asiafuse (HK) Electronics Limited
E-mail: davidhan@betterfuse.com

■ 贝特卫士 (寮步)

Tel: 86+769-8323 8731 / 8323 8732 E-mail: sls01@betterfuse.com

■ 贝特卫士 (佛山)

Tel : +86-757-82511089 / 82216739 E-mail: sls18@betterfuse.com

■ 贝特卫士 (无锡)

Tel: +86-510-85296619 / 85228806 E-mail: jameszhou@betterfuse.com

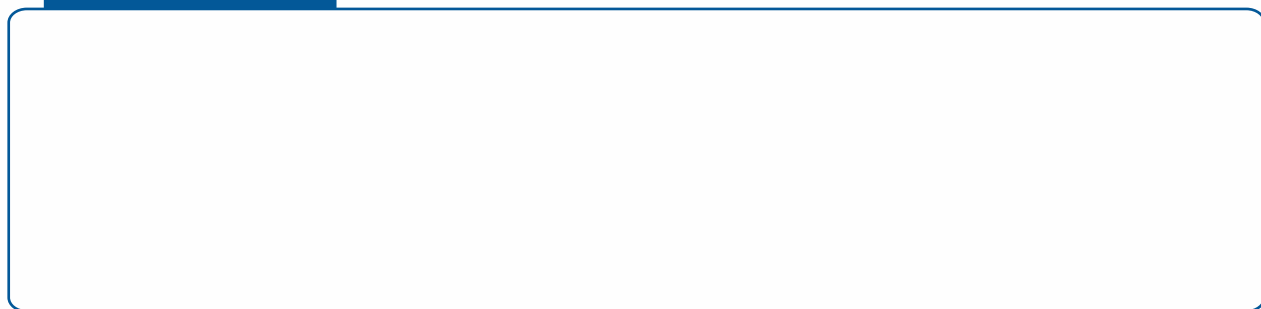
■ 贝特卫士 (台湾)

Tel: +886-921-617539 E-mail: sls29@betterfuse.com

■ 贝特卫士 (日本)

Tel: +81-80-54955070 E-mail: tamotsu.matsunaga@betterfuse.com

Authorized Agent 特约经销商



► Ask for copies of our detailed product catalogs or visit our website at: www.betterfuse.com



贝特卫士®
www.betterfuse.com

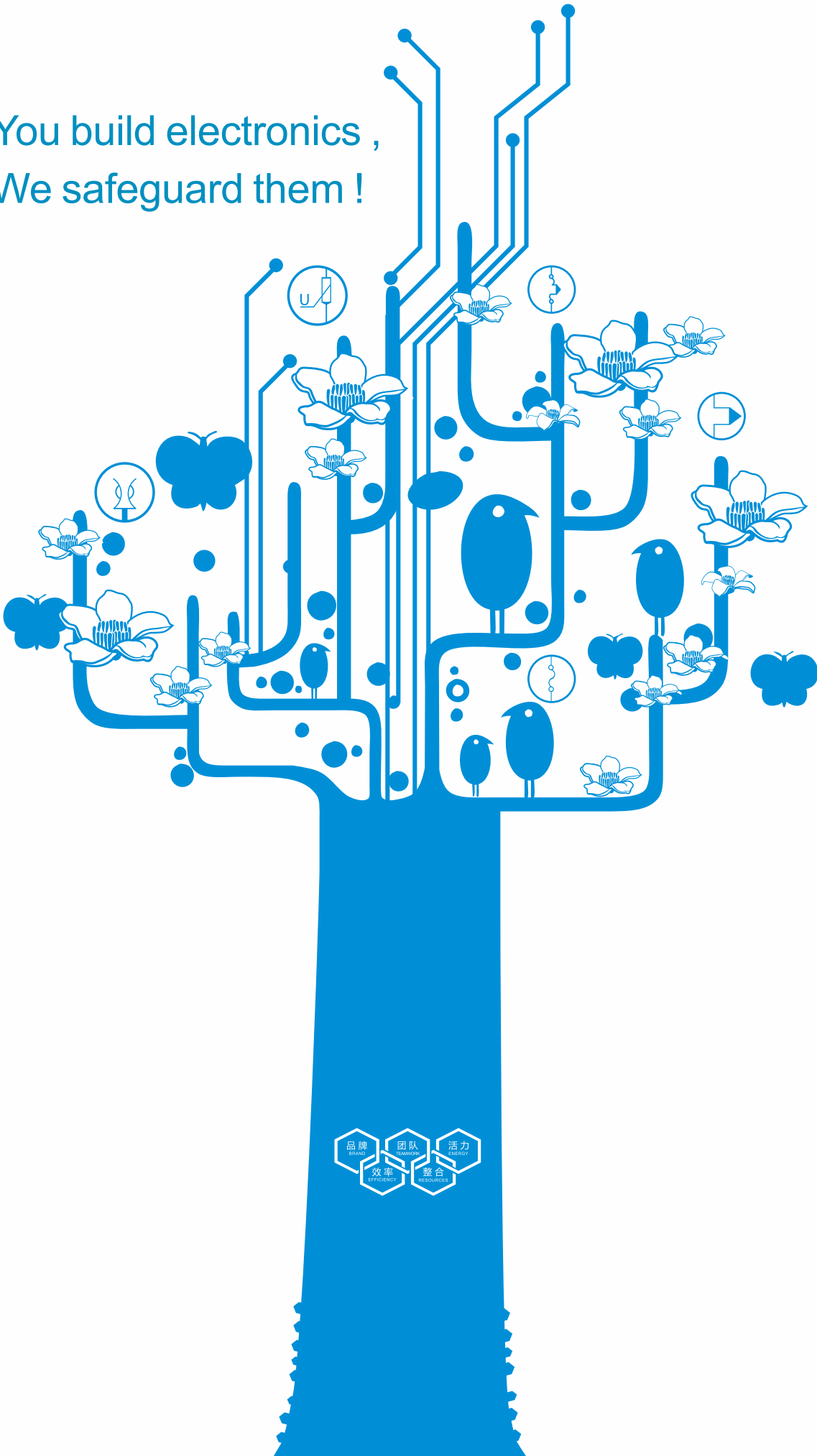
更好的电路安全卫士!

You build electronics , We safeguard them !

2018/2019

Product Portfolio

You build electronics ,
We safeguard them !



Contents

	CEO Address Company History Company Profile	02 03 04-05
	OC (Over-Current) Protection SMD Fuse 0402 Size Series SMD Fuse 0603 Size Series SMD Fuse 1206 Size Series SMD Fuse 2410 Size Series SMD Fuse 1140 Size Series Cartridge Fuse 2x7mm Series Cartridge Fuse 3x10mm Series Cartridge Fuse 4x13mm Series Cartridge Fuse 5x20mm Series Cartridge Fuse 6x25mm Series Cartridge Fuse 6x30mm Series Cartridge Fuse 6x40mm Series Car Fuse Series Through Hole Sub-Miniature Fuse Series Through Hole TK5 Series SMD PPTC Series Through Hole PPTC Series	06-17
	OT(Over-Temperature) Thermal Protection Thermal Fuses Series Thermal Switches Series	18-19
	OV (Over-Voltage) Protection ESD Suppressors	20
	Multiple Protection BTU Series	21
	Accessories Terminal Fuse Holders Fuse Clips Terminals	22-26

CEO Address

The year of 2017 already belongs to the past. Here in Europe the new summer has already started. At Betterfuse, we are releasing a new annual catalogue again. It appears that this is a good time for reflection and to summarize. What kind of year is 2018 and will it not be as smooth as before? No matter what, Betterfuse can only move forward!

- Break through 200 million revenue
- More than 10 million taxes.
- Turnover grew by 25.22%.
- Achieved C turn's PE
- Successful completion of the first year of the three-year doubling plan

All above achievements look quite promising, but we had to weather quite some storms from our external business environment, because our customers are not doing as well as we would like, and we do feel the pressure. How can we still ensure business growth?

- Upgrade ERP Group Management System
- Introduced MES intelligent manufacturing system
- Further expand OT over temperature products
- Further expand the globalization of marketing and cooperation
- Not taking net profit as the primary goal

Our business environment is changing, and the global economy also is getting more complicated, in these times innovation and keeping up with the developments are the only way to move forward, only in this way can we create real and quantifiable value for our customers, and consolidate BETTERFUSE as a truly global brand.

In the absence dodging responsibility, the year 2018 is already half over. We have no choice but to continue our journey. Howling at the past and hesitation is not our style. Only drawing out the sword and pointing it towards our adversaries show the true and heroic spirit of this enterprise. Only moving forward and taking on new ventures will find our way out!

On a final note, you shall always keep to your original aspirations, which lead you to success. Betterfuse has marched through 15 hard years, and surely we should not fear what the next 15 years hold in store for us? As long as we keep our entrepreneurial spirit, we can ensure that our road will lead us to further heights, together with our customers, our suppliers, and our community!

Enjoy your work and accomplishments,
Yours truly,

David Han

David Han
CEO of Betterfuse
In HOLYDAY INN HOTEL, Munich, Germany
June 19,2018

2017轻轻迈过，欧洲的夏天又在眼前，我们新的目录又在启动，好像又到了我们该总结的时间了；承前启后，2018年是一个什么样的年，还会如之前那么顺不，无论如何，贝特卫士们只能向前！

- 突破2亿的营收
- 税收千万以上。
- 营收成长25.22%。
- 完成C轮资本的引入
- 三年倍增计划的首年任务顺利完成

以上的成绩看起来不错，但外部的环境看起来则是特别有压力，因为我们的客户很不好过，我们也感受到了压力，我们要如何确保成长？

- 升级ERP集团管理系统
- 引入MES智能制造系统
- 进一步扩大OT过温产品
- 进一步扩大全球化的营销和合作
- 不以净利润为首要目标

外部环境在变化，全球的经济也变得扑朔迷离，我们只有不断创新和与时俱进，才有出路，才能在这个经济的低谷期给客户创造价值，打造一个不一样的品牌----贝特卫士，全球的BETTERFUSE。

2018在没有任何推脱之际已过了一半，我们没有更多的选择，只能选择继续上路，惆怅，犹豫，不是我们的风格，唯有亮剑才能展示我们的木棉花的英雄风采，只有进攻和进取才能找到唯一的出路！

最后，不忘初心，方得始终。贝特卫士筚路蓝缕迈过艰辛的十五年，再来一次十五年的长征又会如何？只要保有创业的梦想和一直在路上的精神，我们就能确保一直在路上，与我们的客户，与我们的供应商，与我们的环境！

德国 慕尼黑 HOLYDAY INN HOTEL
2018年6月19日 夜



Company History

2018	more... In round C financing, Shenzhen Dachen Chuangye Investment, Shenzhen co-win venture capital investment limited, China Venture Capital Inc. and other investment companies invest 30,000,000RMB, Obtain IATF 16949 system certification, Taiwan office was formally established C轮引入达晨、同创伟业、中国风险等投资资金3000万，取得IATF 16949体系认证，台湾办事处正式成立
2017	In round B financing, Shenzhen hi-tech investment co., ltd and other three investment company invest 31,000,000RMB, Joint venture - ADLER china factory was established (Xi'An ADLER electric appliance), Pilot enterprise of "Income Doubling Program" in Dongguan, Establish CPC Better Guardian party branch B轮融资深圳高新投等四家风投3100万，合资成立ADLER中国制造工厂(西安艾德乐电器)，东莞市“倍增计划”试点企业、中共贝特卫士党支部成立
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	Completion of the stock reform, obtain angel investment foudation 10 million 股改完，引入天使投资汇通盈富1000万
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	August, Betterfuse came into being in the ruins of Wickman' s factory, which was took over by Littlefuse. 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 the 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。

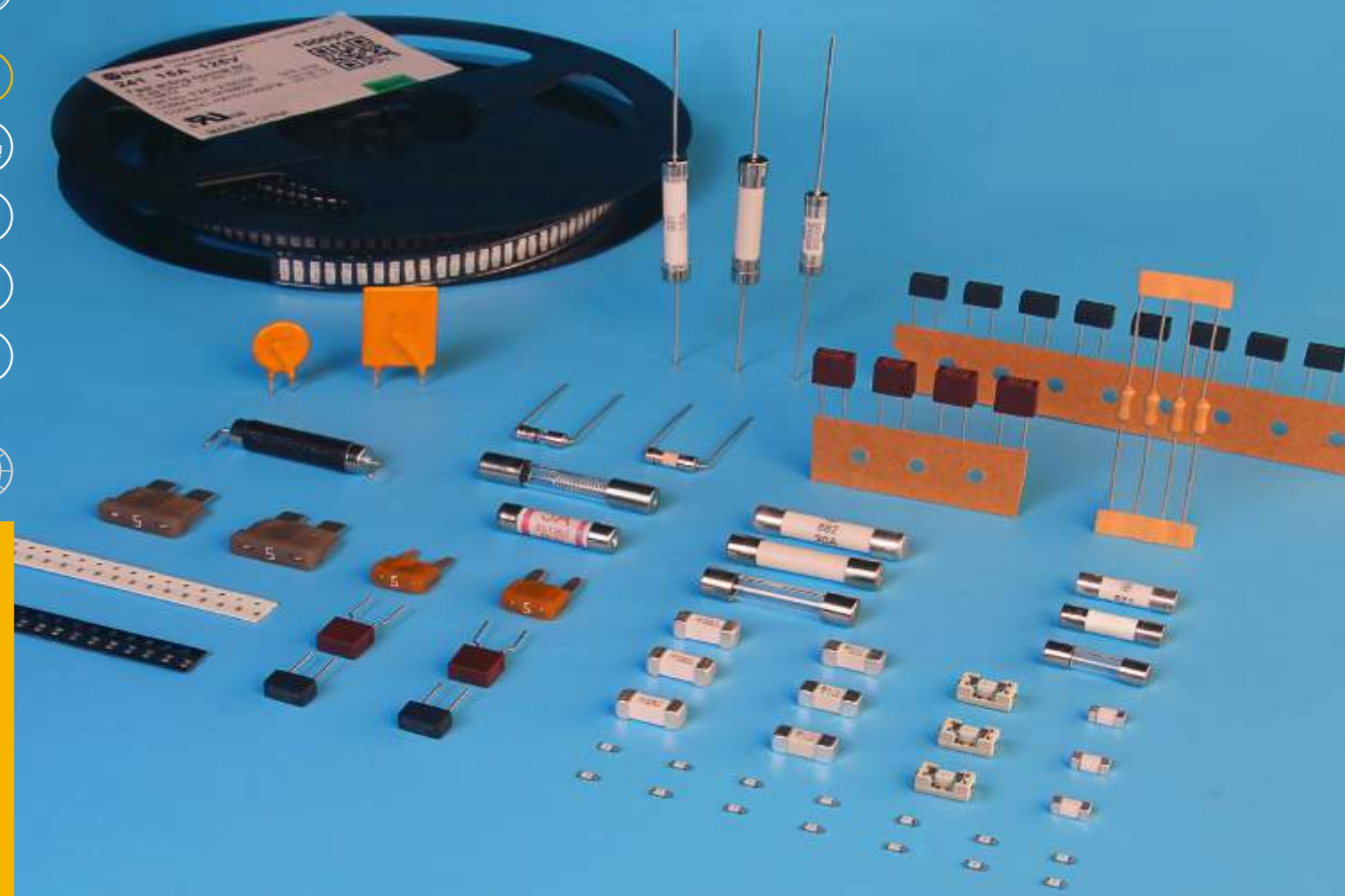
我们的产品包含过流，过压，过温电路保护元件和复合产品以及相关配件，已经取得了TUV、VDE、UL、CSA、CCC、PSA、KC、ASTA等认证。公司前后取得了ISO14001、QC080000等体系认证；赢得了：三星、美的、LG、比亚迪等国内外知名企业的认可，并建立了长期、友好合作关系。

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，通过优化人才、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。

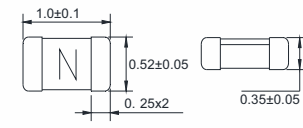
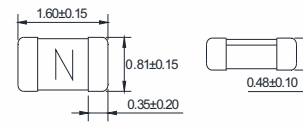
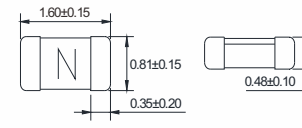
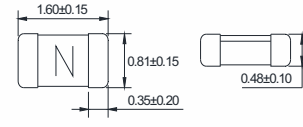
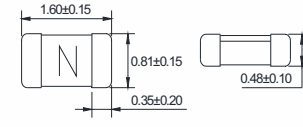
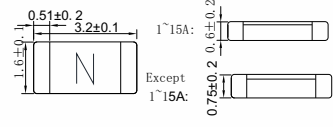
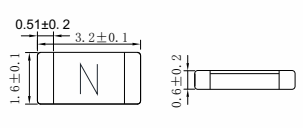
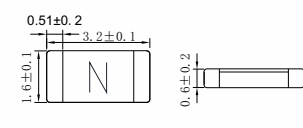
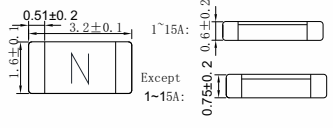
在“品牌、活力、团队、效率、整合”企业五大核心理念的指引下，我们以雄厚的技术实力，导入了ERP等相关系统，并前瞻性地引入智能制造的先进设备和管理体系，与时俱进，为全球客户提供诚信、增值的服务。





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

Voltage Range Ampere Range Breaking Capacity	SMD Fuse 0402 Size Fast-Acting 041 Series 	SMD Fuse 0603 Size Time-Lag, high I ² t 063 Series 	SMD Fuse 0603 Size Fast-Acting 064 Series 
	24/32VDC 200mA-4A 35A@32VDC[200mA-750mA] 35A@24VDC[1A-4A]	32VDC 1A-5A 50A@32VDC[1A-5A]	63VDC 250mA-5A 50A@63VDC[250mA-1.5A]
	 	 	 
Voltage Range Ampere Range Breaking Capacity	SMD Fuse 0603 Size Fast-Acting 065 Series 	SMD Fuse 0603 Size Time-Lag, high I ² t 066 Series 	SMD Fuse 1206 Size Time-lag 122 Series 
	32VDC 250mA-8A 50A@32VDC[250mA-8A]	32VDC 1A-8A 50A@32VDC[1A-8A]	36VDC/48VDC/63VDC/72VDC 100mA-30A 50A@72VDC/63VDC[4.5-7A] 150A@48VDC[8-20A] 150A@36VDC[25-30A]
	 	 	 
Voltage Range Ampere Range Breaking Capacity	SMD Fuse 1206 Size Time-Lag, high I ² t 123 Series 	SMD Fuse 1206 Size Fast-Acting, high voltage 124 Series 	SMD Fuse 1206 Size Fast-Acting 125 Series 
	125VAC, 32/63VDC 1A-5A 50A@125VAC/63VDC[1-4A] 100A@125VAC/32DC[4.5A-5A]	125VAC/DC 250mA-1.5A 50A@125VAC/DC[250mA-1.5A]	72/63/32/24VDC 250mA-30A 50A@72/63/32DC, 300A@24VDC[250mA-4A] 50A@32VDC, 300A@24VDC[4.5A-7A] 150A@32VDC, 300A@24VDC[8A-30A]
	 	 	 



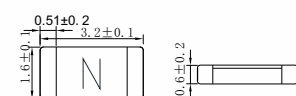


SMD Fuses

ROHS HF

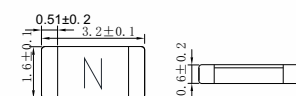
SMD Fuse 1206 Size Time-Lag, high I²t 126 Series

Voltage Range	72/63/45/32/24VDC
Ampere Range	750mA-30A
Breaking Capacity	50A@72/63VDC[750mA-4A] 50A@32/45VDC[4.5A-7A] 50A@32VDC, 300A@24VDC[8A-30A]



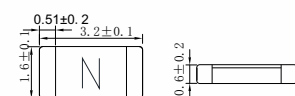
SMD Fuse 1206 Size Fast-Acting, high voltage 127 Series

Voltage Range	125VAC, 125/72VDC
Ampere Range	250mA-20A
Breaking Capacity	250mA-20A/50A@125VAC/DC[250mA-3A] 50A@72VDC[3.5A-5A] 50A@72VDC/63VDC[6A-7A] 150A@48VDC/32VDC[8A-20A]



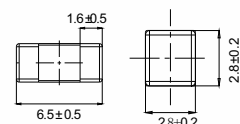
SMD Fuse 1206 Size Fast-Acting, high voltage 131 Series

Voltage Range	125VAC, 72VDC
Ampere Range	1A-3A
Breaking Capacity	100A@125VAC/72VDC[1A-3A]



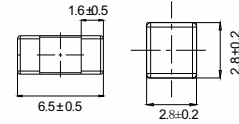
SMD Fuse 2410 Size Fast-Acting 241 Series

Voltage Range	125VAC/DC
Ampere Range	2A-15A
Breaking Capacity	50A or 10In@125VAC/DC[2A-10A] 50A@125VAC/DC[12A-15A]



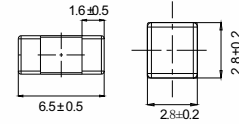
SMD Fuse 2410 Size Time-Lag 244 Series

Voltage Range	125VAC, 125VDC
Ampere Range	250mA-7A
Breaking Capacity	100A@250VAC[250mA-7A] 50A@125VDC[250mA-7A]



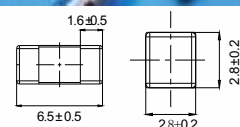
SMD Fuse 2410 Size Time-Lag, High I²t 245 Series

Voltage Range	125VAC, 125VDC, 250VAC
Ampere Range	250mA-7A
Breaking Capacity	100A@125VAC[250mA-7A] 50A@125VDC[250mA-7A]



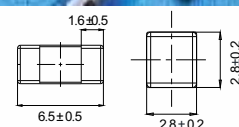
SMD Fuse 2410 Size Time-Lag, High Voltage 246 Series

Voltage Range	350VAC
Ampere Range	250mA-7A
Breaking Capacity	50A@350VAC[250mA-7A]



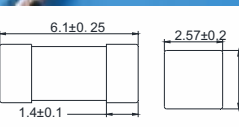
SMD Fuse 2410 Size Fast-Acting 247 Series

Voltage Range	125VAC, 125VDC
Ampere Range	375mA-1.6A
Breaking Capacity	100A@125VAC, 50A@125VDC[375mA-1.5A]



SMD Fuse 2410 Size Fast-Acting, high current 249 Series

Voltage Range	72VDC
Ampere Range	20A-30A
Breaking Capacity	500A@72VDC[20A-30A]

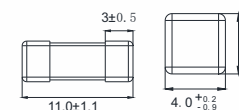


SMD Fuses

ROHS HF

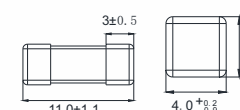
SMD Fuse 1140 Size Fast-Acting 475 Series

Voltage Range	250VAC/DC, 400VDC
Ampere Range	400mA-10A
Breaking Capacity	150A@250VAC/DC[400mA-5A] 150A@250VAC, 500A@72VDC, 1000A@32VDC[6.3A-10A] 50A@400VDC, 100A@350VDC[400mA-3.15A]



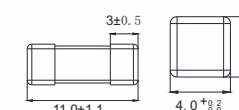
SMD Fuse 1140 Size Time-Lag 476 Series

Voltage Range	250VAC/DC, 400VDC
Ampere Range	400mA-10A
Breaking Capacity	150A@250VAC/DC[400mA-5A] 150A@250VAC, 500A@72VDC, 1000A@32VDC[6.3A-10A] 50A@400VDC, 100A@350VDC[400mA-3.15A]



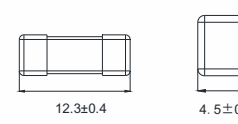
SMD Fuse 1140 Size Time-Lag, high current 477 Series

Voltage Range	125/250VAC, 72VDC
Ampere Range	15A-60A
Breaking Capacity	1kA@32VDC, 150A@250VAC, 500A@72VDC[15A-40A] 250A@125VAC, 500A@60VDC, 1000A@32VDC[15A-60A]



SMD Fuse 1245 Size Time-Lag, high current 487 Series

Voltage Range	125/250VAC, 80/72/63/32VDC
Ampere Range	20A-100A
Breaking Capacity	800A@250/125VAC[20-25A] 800A@80/72/63/32VDC 1kA@80/72/63/32VDC, 300A@250VAC, 500A@125VAC[40A] 500A@125VAC, 1kA@72/63/32VDC[50-100A]



Application 应用:

Suitable for LED Light 适用于室内灯饰: 2410 series
Electric Tools Power Battery Pack Protection 电动工具 动力电池包保护: 477、249
Wireless Sweeper And Electric Cigarette Application Protection
无线吸尘器, 扫地机器人, 电子烟等家居型电池保护: 066、126、249



Electric drill 电钻



Mower 割草机



Sweeper Machine 扫地机器



Wireless Vacuum Cleaner
无线吸尘器



Toy Car 电动玩具车



Balance Car 平衡车



BH240 Series



LED Light 灯

Cartridge Fuses

ROHS HF

	Φ5*20mm Ceramic Tube Fuse Fast-Acting 571 Series 	Φ5*20mm Ceramic Tube Fuse Fast-Acting 573 Series 	Φ5*20mm Ceramic Tube Fuse Time-Lag 582 Series
Voltage Range	600VAC, 420VDC	500VDC	600VAC, 500VDC
Ampere Range	200mA-20A	200mA-20A	500mA-20A
Breaking Capacity	300A@420VDC[200mA-20A] 200A@600VAC[1.25A-20A]	300A@500VDC, 2KA@400VDC[200mA-10A] 300A@500VDC[12A-20A]	200A@600VAC, 300A@500VDC, 2KA@400VDC[500mA-10A] 200A@600VAC, 300A@500VDC[12A-20A]

	Φ6*30mm Glass Tube Fuse Fast-Acting 611 Series 	Φ6*30mm Glass Tube Fuse Time-Lag 612 Series 	Φ6*30mm Ceramic Tube Fuse High I ² T and Surge withstand to 20 cycles of 20kV 610 Series
Voltage Range	250VAC/125VAC	250VAC/125VAC	600VAC/150VDC
Ampere Range	500mA-25A	500mA-30A	21A
Breaking Capacity	10KA@125VAC, 35A@250VAC[500mA-800mA] 10KA@125VAC, 100A@250VAC[1A-3A] 10KA@125VAC, 200A@250VAC[3.15A-20A] 300A@125VAC[25A]	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]	200A@600V AC 200A@150V DC

	Φ6*30mm Ceramic Tube Fuse Fast-Acting 613 Series 	Φ6*30mm Ceramic Tube Fuse Time-Lag 614 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 615 Series
Voltage Range	250VAC	250VAC/125VAC	1000VAC/660VAC
Ampere Range	500mA-25A	500mA-30A	500mA-10A
Breaking Capacity	10kA@125VAC, 35A@250VAC[500mA-1A] 10kA@125VAC, 100A@250VAC[1.25A-3.5A] 10kA@125VAC, 200A@250VAC[4A-10A] 400A@125VAC, 200A@250VAC[12A-20A] 400A@125VAC, 200A@250VAC[25A]	10kA@125VAC, 35A@250VAC[500A-800mA] 10kA@125VAC, 100A@250VAC[1A-3.5A] 10kA@125VAC, 200A@250VAC[4A-20A] 400A@125VAC, 100A@250VAC[500mA-30A]	100A@1000VAC[500mA-10A] 300A@660VAC[500mA-10A]

Cartridge Fuses / 500VDC-1000VDC

ROHS HF

	Φ6*30mm Ceramic Tube Fuse Time-lag 616 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting High I ² T 617 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 619 Series
Voltage Range	250VAC	250VAC/150VDC	660VAC/500VAC
Ampere Range	15A-50A	30A-50A	15A-40A
Breaking Capacity	1500A@250VAC[15A-50A]	1500A@250VAC, 200A@150VDC	400A@660VAC, 800A@500VAC

	Φ6*30mm Ceramic Tube Fuse Fast-Acting 682 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 683 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 691 Series
Voltage Range	500VAC, 500VDC	500VAC, 500VDC	600VAC, 600VDC
Ampere Range	10A-30A	20A-30A	200mA-12A
Breaking Capacity	30KA@500VAC[10A-30A] 20KA@500VDC[10A-30A]	1KA@500VAC/DC[20A-30A]	10KA@600VAC/DC[200mA-12A]

	Φ6*30mm Ceramic Tube Fuse Fast-Acting 692 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 693 Series 	Φ6*30mm Ceramic Tube Fuse Fast-Acting 697 Series
Voltage Range	660VAC, 660VDC	1000VAC, 1000VDC	400VAC
Ampere Range	200mA-30A	200mA-3A	30A
Breaking Capacity	1KA@660VAC/DC[200mA-30A]	10KA@1000VAC/DC[200mA-3A]	1KA@400VAC[30A]

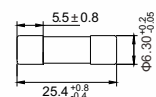
Cartridge Fuses / Car Fuses / Through Hole Fuses

ROHS HF

British Plug Top Fuse Fast / Medium AF63 Series, BS1362-1973

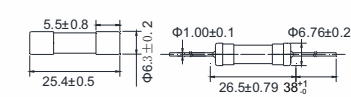
Voltage Range
Ampere Range
Breaking Capacity

264VAC
1A, 2A, 3A, 5A, 7A, 10A, 13A
6KA@264VAC[1A~13A]



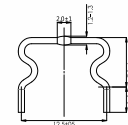
Φ6*25mm Ceramic Tube Fuse Time-Lag 671 Series

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



Φ12.5*11mm melting wire Fuse 253 Series

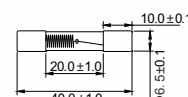
80VDC
30A~100A



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

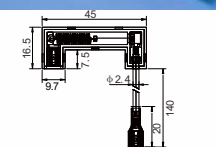
Voltage Range
Ampere Range
Breaking Capacity

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



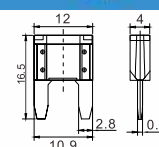
Φ6*40mm Glass Tube Fuse Fast-Acting, Microwave Dedicated 721 Series

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



Small Car Fuse Mini BF2 Series

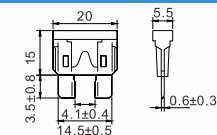
32VDC
3~30A
1000A@32VDC[3~30A]



Middle Car Fuse Max 718&BF4 Series

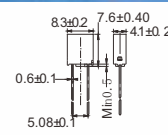
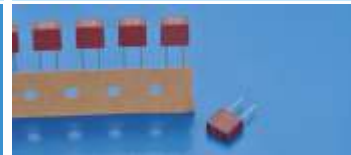
Voltage Range
Ampere Range
Breaking Capacity

32VDC
2~40A
1000A@32VDC[2~40A]



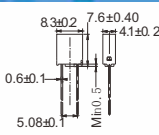
Sub-Miniature Fuse Fuse Fast-Acting 931 Series

250VAC
100mA~10A
130A@125/250VAC[100mA~10A]



Sub-Miniature Fuse Fuse Time-Lag 932 Series

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



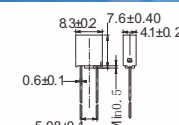
Cartridge Fuses / Car Fuses / Through Hole Fuses

ROHS HF

Sub-Miniature Fuse Fuse Fast-Acting, high voltage 933 Series

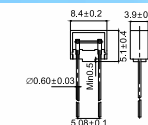
Voltage Range
Ampere Range
Breaking Capacity

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



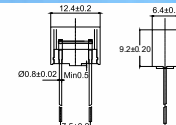
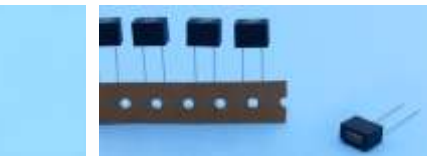
TK5 Fuse Time-Lag, high voltage 936 Series

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



TK5 Fuse High I²t 938 Series

250VAC/350VAC
100mA~16A
200A@250VAC



Application 应用:

British Plug 英规插头: AF63
AC Charge Spots 交流充电桩: 616、617
Multimeter High Voltage Low Current 万用表高压小电流: 691、693



High Voltage Variable Frequency
Converter Control Board
高压变频控制板



UPS Uninterrupt Power Supply
UPS 电源



Multimeter
万用表



British Plug
英规插头



Charging Pile
充电桩



SMD PPTC Fuses

ROHS HF

	TLC-FSMD 0603 Size SMD PPTC	TLC-PSMD 0805 Size SMD PPTC	TLC-NSMD 1206 Size SMD PPTC
Voltage Range	6~15V DC	6~24V DC	6~30V 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	6~30V DC	6~60V DC	6~60V DC
Current Range	0.05A~2.00A	0.10A~3.00A	0.10A~3.00A

SMD Low Resistance PPTC

	TLC-PSML 0805 Size SMD PPTC	TLC-NSML 1206 Size SMD PPTC	TLC-USML 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	BJK30	BJK60
Voltage Range	16V DC	30V DC	60V DC
Current Range	0.10A~14.00A	0.75A~9.00A	0.05A~5.00A
	BJK130	BJK250	BJK600
Voltage Range	130V DC	60V DC, interrupt voltage 250V DC	60V DC, interrupt voltage 400V DC
Current Range	0.06A~3.75A	0.02A~2.00A	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



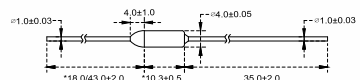
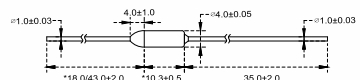
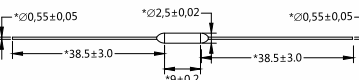
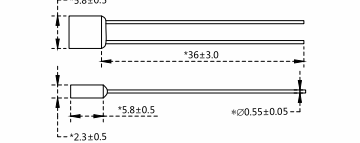
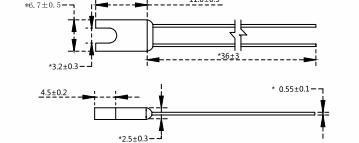
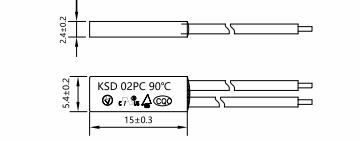
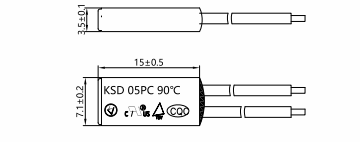
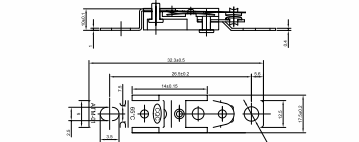


OT-F / OT-S

Over Temperature Protection

Thermal Cut-Off Fuses, High Precision Thermostats
And Switches

Thermal Protection

	Thermal Fuse BTT-10A Series	Thermal Fuse BTT-15A Series	Thermal Fuse BTW Series
Current / Voltage Range	10A/250VAC	15A/250VAC	1A/2A@250VAC
Operation Temperature Range	73°C~240°C	73°C~240°C	115°C~150°C
			
			
	Thermal Fuse BTA Series	Thermal Fuse BTB Series	Thermal Fuse BTC Series
Current / Voltage Range	1A/250VAC	2A/250VAC	3A/250VAC
Operation Temperature Range	115°C~150°C	115°C~150°C	115°C~150°C
			
			
	Thermal Switch KSD02(mini) Series	Thermal Switch KSD05 Series	Thermal Switch ATM Series
Current / Voltage Range	2A/250VAC, 3A/125VAC	5A/250VAC, 8A/115VAC, 10A/24VDC	10A/250VAC, 16A/125VAC
Operation Temperature Range	50°C~150°C	60°C~150°C	60°C~150°C
			
			



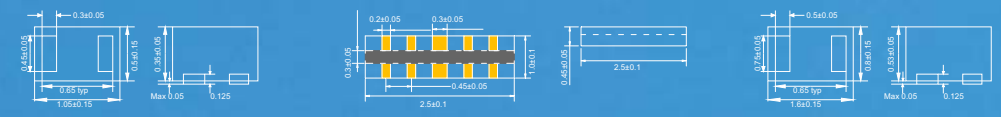
OV

Over Voltage Protection

ESD Suppressors



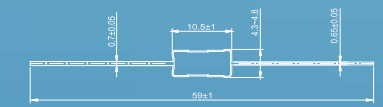
ESD Suppressor			
	0402 Size ESD Suppressor 0402ESD-P	0402 Size ESD Suppressor-4P 0402ESD-4P	0603 Size ESD Suppressor 0603ESD-P
Voltage Range	24VDC	35VDC	24VDC
Capacitance Range	0.05pF	0.10pF	0.05pF
ESD	15KV air 8KV contact	15KV air 8KV contact	15KV air 8KV contact



Multiple Protection



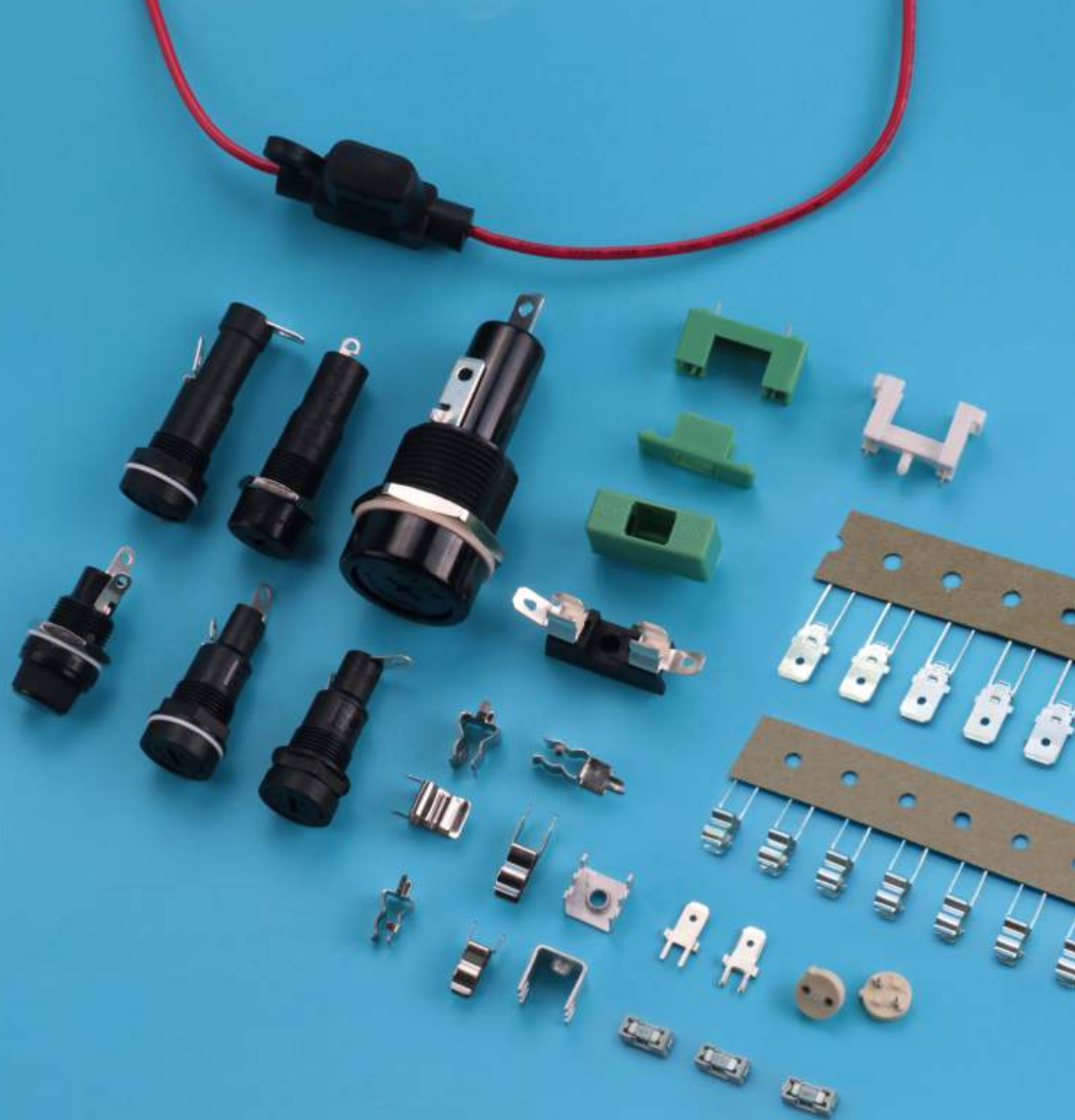
BTU Series
Resistance: 0.1Ω~300.0Ω
Rated Power: 0.5W, 1W, 2W
Tf:222°C





Accessories

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



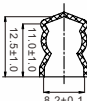
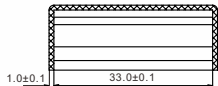
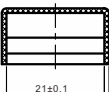
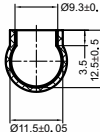
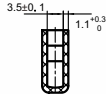
Fuse Holders

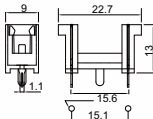
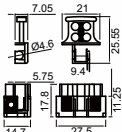
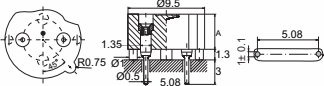
ROHS HF

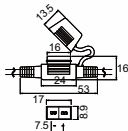
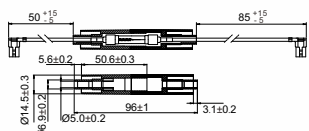
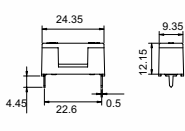
Voltage/Current UL Rating Mounting	Fuse Holder FH1-12-P, FH1-12-M 	Fuse Holder FH1-520-P 	Fuse Holder FH1-S-MZ, FH1-S-PZ 
	250VAC/10A UL 94V0 Φ5*20mm	250VAC/10A UL 94V0 Φ5*20mm	250VAC/10A UL 94V0 Φ5*20mm
			
Voltage/Current UL Rating Mounting	Fuse Holder FH1-B-PZ, FH1-B-MW, FH1-B-MZ, FH1-B-PW 	Fuse Holder FH1-2 	Fuse Holder FH1-13 
	250VAC/10A UL 94V2 Φ5*20mm	250VAC/10A UL 94V2 Φ6*30mm	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 	Fuse Holder FH-208 	Fuse Holder for Φ6 *30mm Fuse BE 602
	250VAC/15A UL 94V2 Φ6*30mm	250VAC/6.3A UL 94V0 Φ5*20mm	250VAC/15A UL 94V0 Φ6*30mm
			

Fuse Holders

ROHS HF

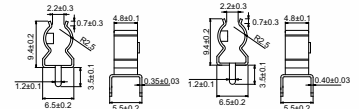
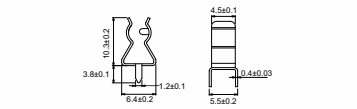
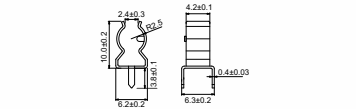
	Fuse Cover PVC ROHS (FPFC21-6-11B) BH 503	Fuse Cover PVC ROHS (FPFC33-11 630) BH 603	Varistor Shaped BH 701, BH 702
Voltage/Current	250VAC/10A	250VAC/30A	-
UL Rating	UL94V0	UL94V0	UL94V0
Mounting	Φ5*20mm	Φ6*30mm	7D, 14D Varistor
			
	 	 	 

	Fuse Holder BH 501	Fuse Holder BE 502	Fuse Holder BH 800
Voltage/Current	250VAC/10A	250VAC/10A	250VAC/10A
UL Rating	UL 94V0	UL94V0	UL94V0
Mounting	Φ5*20mm	Φ5*20mm	Sub-Miniature Fuse Fuse(H=3.0mm, H=4.3mm)
	 	 	 

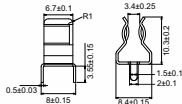
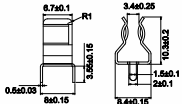
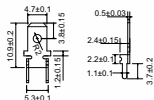
	Fuse Holder BE 701, BE 702	Fuse Holder 720xxx504	Fuse Holder FH1-200CK-B, FH1-200CK-G
Voltage/Current	32VDC/40A	5KV 1A PP F600	250VAC/10A
UL Rating	UL94V0	UL 94V0	UL 94V2
Mounting	Car Fuse	Φ40*6.5mm	Φ5*20mm
	 	 	 

Fuse Clips/Terminals

ROHS HF

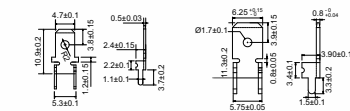
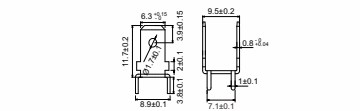
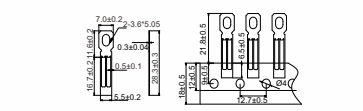
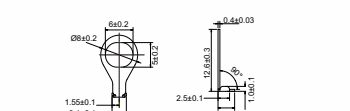
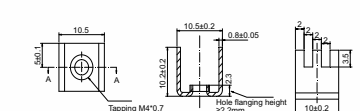
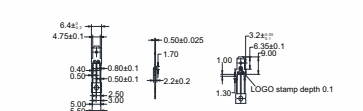
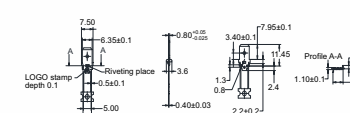
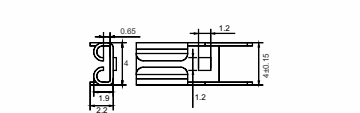
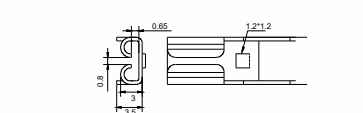
	Fuse Clips BC501-035, BC501-040	Fuse Clips BC502-040	Fuse Clips BC507-040
Material	Copper H62	High purity phosphor copper	Copper H62
Plating	Nickel	Nickel	Nickel
Thickness	0.35mm, 0.4mm	0.4mm	0.4mm
Mounting	Φ5*20mm	Φ5*20mm	Φ5*20mm
			
			

[illegible]

	Fuse Clips BC603-050	Fuse Clips BC603-250	Insert Terminal BT001-050-A
Material	Copper H62	Copper H62	Copper H62, semi-hard
Plating	Nickel	Nickel Bright Sn	Nickel
Thickness	0.5mm	0.5mm	4.7mm
Mounting	Φ6*30mm	Φ6*30mm	
			
			

Terminals

[ROHS] HF

Insert Terminal
BT002-075-A, BT002-080Material
Plating
ThicknessCopper H62, sermi-hard
Nickel
0.75mm, 0.8mmInsert Terminal
BT004-080Copper H62, sermi-hard
Nickel
0.8mm, 4PinsInsert Terminal
BT020-230Iron
Bright Sn
0.3mmInsert Terminal
BT025-040Material
Plating
ThicknessCopper H62, sermi-hard
Nickel
0.8mmInsert Terminal
BT027-180ACopper H65, Semi-hard, tapping
Matte Sn
Coating thickness $\geq 3\mu\text{m}$, 6PinsInsert Terminal
BT029-150Copper H62, sermi-hard
Matte Sn
3~6 μm Insert Terminal
BT030-240Material
Plating
ThicknessCopper H65, Semi-hard
Bright Sn
1~3 μm Car Fuse Insert Terminals
For BF2
BC 701Phosphor Bronze
Ni Plated, Bright Sn Plated
0.8mmCar Fuse Insert Terminals
For BF4/718
BC 702Phosphor Bronze
Ni Plated, Bright Sn Plated
0.8mm

木棉花树

“贝特卫士”主题歌

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

韩露 词
方奕 曲

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。拼一树疤痕，

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



