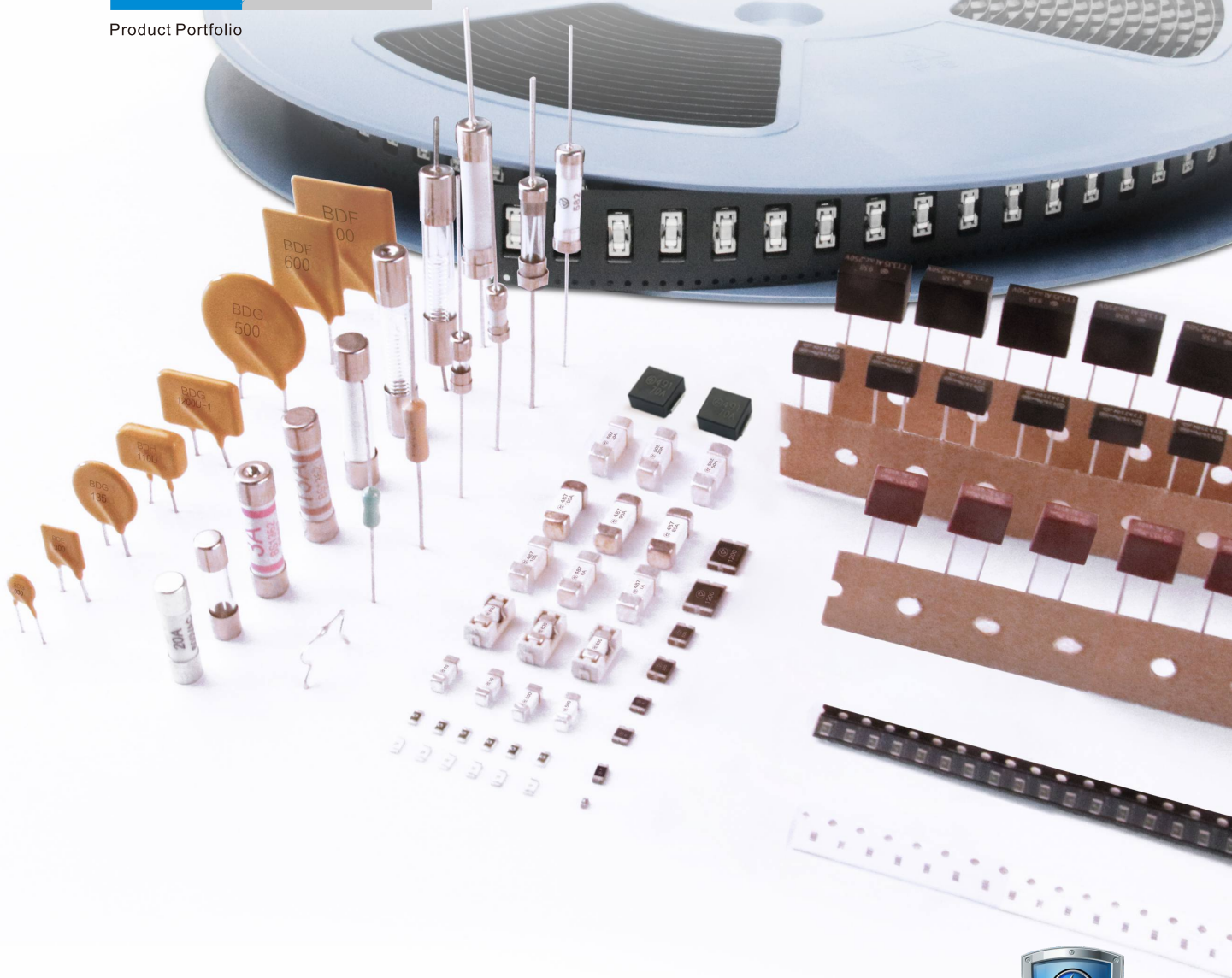




过流保护
OVER CURRENT PROTECTION

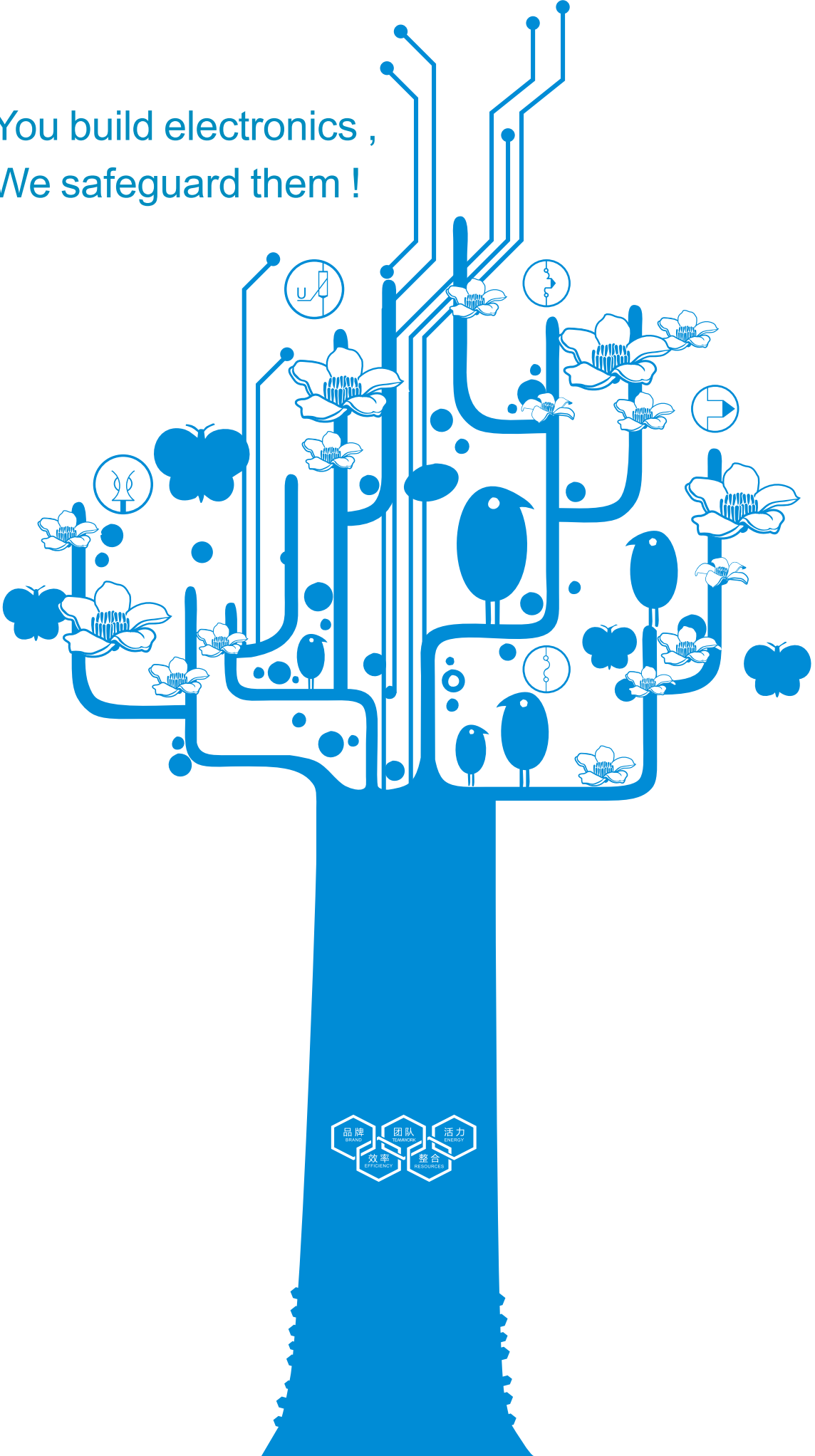
更好的电路安全卫士！
You build electronics , We safeguard them !

Product Portfolio



贝特卫士®
www.betterfuse.com

You build electronics ,
We safeguard them !



目录

Contents



公司简介
Our Company

02

公司发展历程
Company History

03



OC (Over-Current) Protection

SMD Fuse Series	04-05
Brick Fuse Series	06-08
Plastic Square Fuse Series	09
Cartridge Fuse 2x7/3.6x10 Series	10-11
Cartridge Fuse 5x20 Series	12-13
Cartridge Fuse 6x30 Series	14-15
Cartridge Fuse 6x25 Series	16
Melting Wire Fuse/Cartridge Fuse 6x40 Series	17
SMD/DIP PPTC Series	18-31



Accessories Terminal

Fuse Holders	33
Fuse Clips	34
Terminals	35



产品应用领域
Product Applications

36-37

公司简介

OUR COMPANY



Dongguan Better Electronics Technology Co. Ltd. was established in 2003. The company is positioned as a comprehensive circuit protection component manufacturer and solution consultant, and has now become a leading brand in the fuse industry in China.

Dongguan Better Electronics Technology Co. Ltd. has passed ISO9001, ISO14001, ISO45001, IATF16949, QC080000 management system certifications. Its products have passed UL, CCC, CQC, VDE, ASTA, PSE, CB, TUV as well as other certifications. The group owns three national high-tech enterprises, two national-level specialized and special new "little giant" enterprises, two Guangdong Province circuit protection component engineering technology research centers. We have won qualifications of the first batch of "multiplication plan" pilot enterprises in Dongguan City, Intellectual property management standards implementation enterprises, Integration and implementation of informatization and industrialization enterprise.

Product applications cover 3C & various home appliances, new energy vehicles, photovoltaic power generation, energy storage & rail transit as well as many other fields. It is simply summarized as "Wherever electricity is used, our electronic circuit protection components can be used!"

The company focuses on mid-to-high-end electronics and power circuit protection components, and focuses on product research and development and innovation. Our sales scale and product category rank first in the domestic industry, we are a leading enterprise in subdivided industries. Since our establishment, we have worked hard for many years in the 3C & various home appliance industries which has formed a very stable business "chassis". With the development of clean energy, new energy vehicles and other industries, we have made remarkable achievements in the field of new energy in recent years.

Guided by the company's five core concepts of "brand, vitality, teamwork, efficiency, and integration", we continue to optimize and improve equipment automation and management IT, striving to provide more secure, honest and value-added services to outstanding customers around the world.

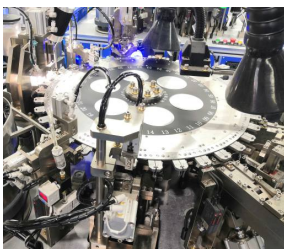
东莞市贝特电子科技股份有限公司成立于2003年，公司定位全面电路保护元件制造商和方案顾问，目前已成为中国区行业领跑品牌。

公司已通过 ISO9001、ISO14001、ISO45001、IATF16949、QC080000，产品分别通过 UL、CCC、CQC、VDE、ASTA、PSE、CB、TUV 等多项认证。集团旗下拥有三家国家高新技术企业、两家国家级专精特新“小巨人”企业、两个广东省电路保护元件工程技术研究中心，并荣获东莞市首批“倍增计划”试点企业、知识产权管理贯标企业、两化融合贯标企业等荣誉。

产品应用覆盖 3C 产品 & 白色家电、新能源汽车、光伏发电、储能 & 轨道交通等众多领域。简单概括为“凡是用电的地方，均会用到电路保护元器件”。

公司聚焦中高端电子、电力电路保护元件，专注产品研发及创新，销售规模及产品类别稳居国内行业前列，为细分行业龙头。公司自成立以来的 3C 行业耕耘形成了很稳定的业务“底盘”，随着清洁能源、新能源汽车等行业的发展，公司近年来在新能源领域取得了骄人的成绩。

在“品牌、活力、团队、效率、整合”公司五大核心理念的指引下，我们对设备自动化、管理 IT 化等进行持续优化和改善，与时俱进，为全球客户提供诚信、增值的服务。





Company History

2023 Set up SCUT&BETTERFUSE Joint Laboratory for Intelligent Manufacturing and Process
成立华南理工大学&贝特卫士智能制造及工艺联合实验室

2022 Accessed as a National Specialized Special New "Little Giant" Business
荣获国家级专精特新“小巨人”企业

2021 IATF16949 Group certification update completed
ASTM Dongguan Houjie Factory put into use. Groups successful acquisition of ASTM
IATF16949集团认证更新完成
ASTM东莞厚街工厂投入使用，集团成功并购ASTM

2020 ADLER Elektrotechnik Dongguan Co., Ltd.
东莞市艾德乐电器有限公司成立

2019 Dongguan Betterfuse second branch was officially established
MES & U9 system running
The found of Dongguan Advonsoon Automation Co., Ltd
东莞贝特卫士第二分公司正式成立
MES和U9系统运行
东莞市艾德迅自动化有限公司成立

2018 Obtain IATF16949 system certification
取得IATF 16949体系认证

2017 Joint venture of Xi'An ADLER electric appliance.
The first batch of Pilot enterprise of "Income Doubling Program" in Dongguan.
Establish CPC Better Guardian party branch
合资成立西安艾德乐电器
东莞市首批“倍增计划”试点企业、中共贝特卫士党支部成立

2016 Acquired the qualification of the intellectual property management system certification
获得“知识产权管理体系认证”资质

2015 Obtained the certification of "Engineering Research Center of Circuit Protection Components in Guangdong Province"
Establishment of ADLER DE (Leipzig).
取得“广东省电路保护元件工程技术研究中心”资格认定
成立ALDER子品牌莱比锡运营总部

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 foundation 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

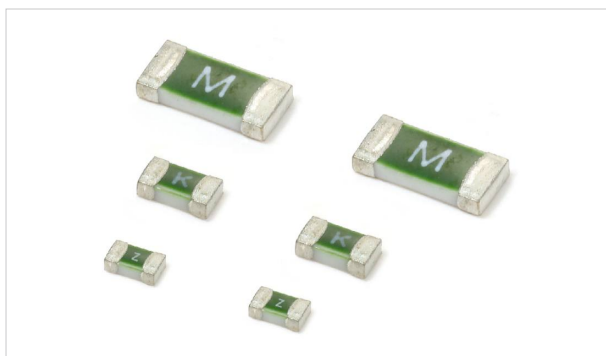
2008 Membership in the national committee for technical standardizations in the field of circuit protection, IEC SC32C advisory panel
被聘为IEC.SC32C国内专家组成员单位，获得“广东省民营科技企业”资质

2007 Certified ISO 9001-BSI quality management and ROHS compliance
获得“ISO 9001”质量管理体系认证，全面导入ROSE管控体系

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”

企业核心理念
Company's Core Philosophy





关键特性 KEY FEATURES OF THE PRODUCT

- 基质-陶瓷, 两端-银镀镍和锡
Ceramic substrate printing process
- 符合车规AEC-Q200标准要求
AEC-Q200 Automotive Grade Certified
- 工作温度(-55°C~+150°C)
Operating temperature (-55°C~+150°C)
- 符合无铅无卤要求
Lead Free and Halogen free
- 小尺寸, 大电流
Low profile package: high current
- 标准(Standard): UL248-1

参数表 PARAMETER LIST

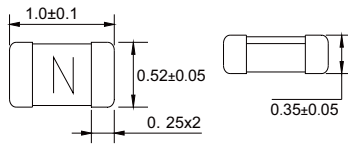
序号 No.	料号 Part No.	尺寸 Size	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification
							cURus
1	041	0402	F	32VDC	200mA-4A	35A@32VDC	●
3	063	0603	T	32VDC	1A-5A	50A@32VDC	●
4	064		F	63VDC	250mA-5A	50A@63VDC	●
5	065		F	32VDC	250mA-8A	50A@32VDC	●
6	066		T	32VDC	1A-8A	50A@32VDC	●
7	122	1206	T	32/63/72VDC	4.5A-7A	50A@32/63/72VDC	●
				32/48VDC	8A-20A	150A@32/48VDC	●
				32/36/48VDC	25A-30A	200A@32/36/48VDC	●
				32/36VDC	40A	200A@32/36VDC	●
8	123	1206	T	63VDC	1A-4A	50A@63VDC	●
				32VDC	4.5A-5A	100A@32VDC	●
9	124	1206	F	125VAC; 125VDC	250mA-1.5A	50A@125VAC/DC	●
10	125	1206	F	32/63/72VDC; 24VDC	250mA-4A	50A@32/63/72VDC; 300A@24VDC	●
				32VDC; 24VDC	4.5A-7A	50A@32VDC; 300A@24VDC	●
				32VDC; 24VDC	8A-40A	150A@32VDC; 300A@24VDC	●
11	126	1206	T	63/72VDC	0.63A-4A	50A@63/72VDC	●
				32VDC; 24VDC	4.5A-7A	50A@32VDC; 300A@24VDC	●
				32VDC; 24VDC	8A-30A	150A@32VDC; 300A@24VDC	●
				24VDC	40A-50A	200A@24VDC	●
12	127	1206	F	125VAC/DC	250mA-1.5A	50A@125VAC/DC	●
				125VDC	2A-3A	50A@125VDC	●
				72VDC	3.5A-5A	50A@72VDC	●
				63/72VDC	6A-7A	50A@63/72VDC	●
				32/48VDC	8A-20A	150A@32/48VDC	●

注: (1) ●=取得 ○=未取得
●=obtained ○=no obtained

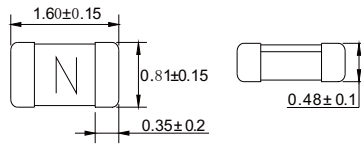
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3) 详细内容请参照规格书
Please reference attached detailed datasheets

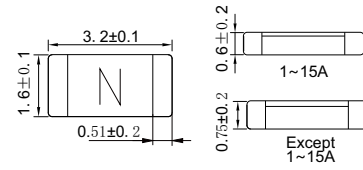
尺寸 DIMENSIONS(MM)



0402 Size



0603 Size



1206 Size

应用 APPLICATION

●主要应用于掌上电子产品，液晶显示器，电池组，硬盘驱动器，服务器，计算机，扫描仪和打印机，数据调制解调器，游戏机，车充，数码相机，DVD播放器，笔记本电脑，直流-直流转换器等

Mainly used in handheld electronics, LCD Displays, battery packs, hard disk drives, server, computer, printer and scanner, data modem, gaming console, car charger, digital cameras, DVD players, notebook PC, DC-DC convert, etc.



LCD Display LCD显示器



Battery Packs 电池包保护板



Server 服务器



Notebook 笔记本电脑



Hard disk drives 硬盘驱动器



BMS 电池管理系统



Printer 打印机



Car charger 车充



Game console 游戏机





关键特性 KEY FEATURES OF THE PRODUCT

- 尺寸多样化, 2410、1140、1032等
Dimension is diversity, 2410, 1140, 1032 etc
- 熔丝或熔片中空结构
Empty structure of fuse or fuse link
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 满足回流焊以及波峰焊接要求
Compatible with reflow and wave soldering
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

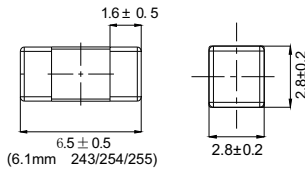
参数表 PARAMETER LIST

序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification				
								TUV	CQC	cURus	KC	PSE
1	241	2410	镀银	F	125VAC/DC	2A-10A	300A or 10In@125VAC/DC	○	○	●	○	○
					125VAC/DC	12A-15A	50A@125VAC/DC	○	○	●	○	○
2	244			T	125/250VAC/25VDC	250mA-800mA	100A@125/250VAC; 50A@125VDC	○	○	●	○	○
					125/250VAC/25VDC	1A-6.3A	100A@125/250VAC; 50A@125VDC	●	●	●	●	○
3	245			T	125VAC/DC	250mA-7A	50A@125VAC/DC	○	○	●	○	○
					350VAC	250mA-7A	50A@350VAC	○	○	●	○	○
4	246		T	F	125VAC/125VDC	375mA-1.5A	100A@125VAC; 50A@125VDC	○	○	●	○	○
5	247		F	F	72VDC	20A-40A	500A@72VDC	○	○	●	○	○
6	249		镀金	F	250VAC/125VDC	160mA-12A	10KA@86VDC; 300A@125VDC	○	○	●	○	○
					86VDC/125VDC	15A-20A	300A@125VDC; 500A@86/100VDC	○	○	●	○	○
					125/86/100VDC	25-40A	50A@250VAC; 300A@125VDC	○	○	●	○	○
7	243	镀金	T	250VAC/125VDC	500mA-12A	50A@250VAC; 300A@125VDC	○	○	●	○	○	
8	254	镀金	T	125/250VAC/125VDC	500mA-5A	150A@125VAC/DC; 150A@250VAC	○	○	●	○	○	
				32V/72VDC 125VAC	15-30A	1000A@32VDC; 500A@72VDC 150A@125VAC; 150A@250VAC	○	○	●	○	○	
9	474	1032	镀金	F	400VDC/350VDC	400mA-3.15A	50A@400VDC; 100A@350VDC	○	○	●	○	○
					500VDC/350VAC	1A-3.15A	100A@500VDC; 100A@350VAC	○	○	●	○	○
					125/250VAC/DC	400mA-5A	150A@125/250VAC/DC	○	○	●	○	○
					125/250VAC/32VDC 72VDC	5A-10A	150A@125/250VAC 1000A@32VDC; 500A@72VDC	○	○	●	○	○
10	475	镀银	F	400VDC/350VDC	500mA-3.15A	50A@400VDC; 100A@350VDC	○	○	●	○	○	
				125/250VAC/DC	500mA-5A	150A@125/250VAC/DC	○	○	●	○	○	
				125/250VAC/32VDC 72VDC	5A-10A	150A@125/250VAC 1000A@32VDC; 500A@72VDC	○	○	●	○	○	
11	476	1140	镀银	T	400VDC/350VDC	500mA-3.15A	50A@400VDC; 100A@350VDC	○	○	●	○	○
					125/250VAC/DC	500mA-5A	150A@125/250VAC/DC	○	○	●	○	○
					125/250VAC/32VDC 72VDC	5A-10A	150A@125/250VAC 1000A@32VDC; 500A@72VDC	○	○	●	○	○

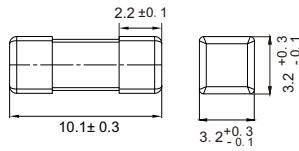
注: (1) ●=取得 ○=未取得
●=obtained ○=no obtained

(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

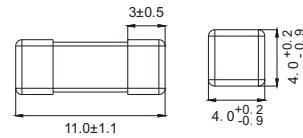
(3) 详细内容请参照规格书
Please reference attached detailed datasheets



2410 Size



1032 Size



1140 Size

应用 APPLICATION

●主要应用于交流/直流电源适配器, 电信设备系统电源, 便携式系统内置交流/直流转换器, LED线性照明, PD充电器, 移动储能, LED驱动板, LED调光控制器, 三相电源, 额定277V AC的公用事业连接器具和设备, PC服务器稳压模块, PC服务器散热风扇系统, 笔记本电脑, LCD/PDP电视, LCD显示器, LCD/PDP面板, LCD背光逆变器, 便携式DVD播放器, 电源, 网络, PC服务器, 冷却风扇系统, 存储系统, 电信系统, 无线基站, 白色家电, 游戏机, 办公自动化设备电池充电电路保护, 工业设备等

Mainly used in AC/DC power adaptor, telecom equipment system power, Portable system built-in AC/DC converter, LED linear lighting, PD charger, mobile energy storage, LED driver boards, LED dimmer controllers, 3-Phase power supplies, utility connected appliances and equipment rated at 277V AC, voltage regulator module for PC server, cooling fan system for PC server, Notebook PC, LCD/PDP TV, LCD monitor, LCD/PDP panel, LCD backlight inverter, portable DVD player, power supply, networking, PC server, Cooling fan system, Storage system, telecom system, wireless basestation, white goods, game console, office Automation equipment, battery charging circuit protection, industrial equipment, etc.



LCD Display LCD显示器



Notebook 笔记本电脑



Game console 游戏机



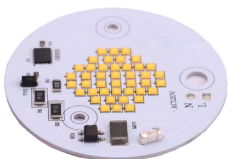
Drone Battery Pack 无人机电池包



Ups Power Supply Ups电源



High Voltage Variable Frequency Control Panel
高压变频控制板



LED linear lighting LED线性照明



Mobile energy storage 移动储能



PD charger PD充电器





关键特性 KEY FEATURES OF THE PRODUCT

- 尺寸多样化, 1140、1245等
Dimension is diversity, 1140, 1245 etc
- 熔丝或熔片中空结构
Empty structure of fuse or fuse link
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 满足回流焊以及波峰焊焊接要求
Compatible with reflow and wave soldering
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

参数表 PARAMETER LIST

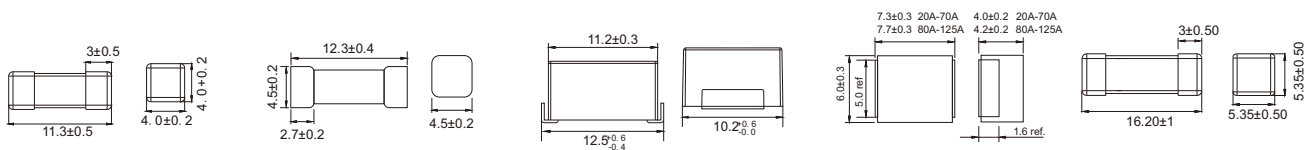
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification				
								TUV	CQC	cURus	KC	PSE
1	477	1140	镀银	T	125/250VAC/32VDC 72VDC	15A-40A	150A@125/250VAC 1000A@32VDC; 500A@72VDC	○	○	●	○	○
					125VAC/32VDC 60VDC	45A-60A	250A@125VAC 1000A@32VDC; 500A@60VDC	○	○	●	○	○
2	487	1245	镀银	F	125VAC 32/63/72VDC	80-100A	500A@125VAC 1000A@32/63/72VDC	○	○	●	○	○
3	491	12.5x10	镀锡	F	75VDC/100VDC	60-125A	1500A@75VDC; 1000A@100VDC	○	○	●	○	○
4	492	12.5x10	镀锡	T	75VDC/100VDC	60-125A	1500A@75VDC; 1000A@100VDC	○	○	●	○	○
5	497	7.7x6	镀锡	F	80VDC	20-125A	1000A@80VDC	○	○	●	○	○
6	502	16x5	镀银	T	250VAC/DC	1~50A	1000A@250VAC; 1000A@250VDC	○	○	●	○	○

注: (1)●=取得 ○=未取得
●=obtained ○=no obtained

(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



1140 Size

1245 Size

12.5x10 Size

7.7x6 Size

16x5 Size

应用 APPLICATION

● 刀片式服务器, 动力电池包, 基站电源, 不间断电源 (UPS), 高功率电池系统, 配电单元 (pdu), 工业工具等
Blade servers, power battery pack, base station power supply, uninterrupt power supply (UPS), high-power battery systems, power distribution units (PDUs), industrial tools.



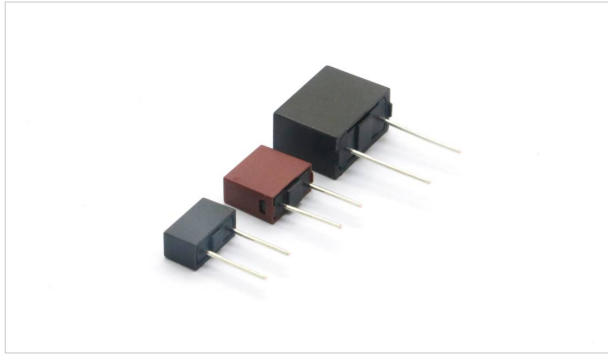
Blade servers 刀片式路由器



Power Battery Pack 动力电池包



Ups Power Supply Ups电源



关键特性 KEY FEATURES OF THE PRODUCT

- 方形塑壳封装
Plastic square fuse
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1:933, IEC60127:931/932/936/938

参数表 PARAMETER LIST

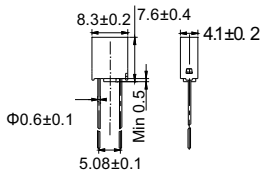
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification										
								TUV	VDE	CCC	CQC	cURus	KC	PSE	BSI	SEMKO		
1	931	8.3x7.6	塑封	F	125VAC/250VAC	1A-10A	130A@125VAC, 130A@250VAC	●	○	●	○	●	○	●	○	○	○	
2	932			T	250VAC/125VAC/277VAC 300VAC/400VAC	125mA-800mA 1A-2.5A 3.15A-10A 12A-16A	160A@250/125VAC, 130A@277/300/400VAC	●	○	●	○	●	○	●	○	○	○	○
								●	○	●	○	●	○	●	○	○	○	○
3	933	8.4x5.1	塑封	F	400VAC/250VDC	500mA-10A	100A@400VAC, 100A@250VDC	○	○	○	○	○	○	○	○	○	○	
4	936			T	400VAC/250VAC 250VDC	160mA-800mA 1A-3.15A 4A-6.3A	100A@400VAC, 130A@250VAC 60A@250VDC	○	○	○	○	○	○	○	○	○	○	○
								○	○	○	○	○	○	○	○	○	○	○
5	938	12.3x9.6	塑封	TT	250VAC/300VAC	500mA-25A	200A@250VAC, 100A@300VAC	●	○	○	●	○	○	○	○	○	○	

注: (1) ●=取得 ○=未取得
●=obtained ○=no obtained

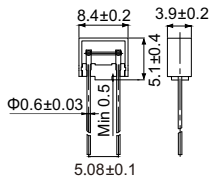
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3) 详细内容请参照规格书
Please reference attached detailed datasheets

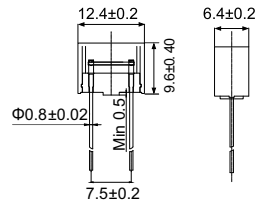
尺寸 DIMENSIONS(MM)



931/932/933 Size



936 Size(Mini)



938 Size(Max)

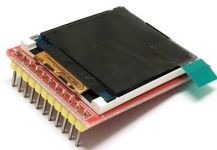
应用 APPLICATION

- 适配器, LED驱动电源, 充电器, 工业控制器, 938会取代部分小家电及TFT显示器电源模块的应用。

Adapter: LED driver power supply, charger, Industrial controllers, 938 will replace some small appliances and TFT display power module applications.



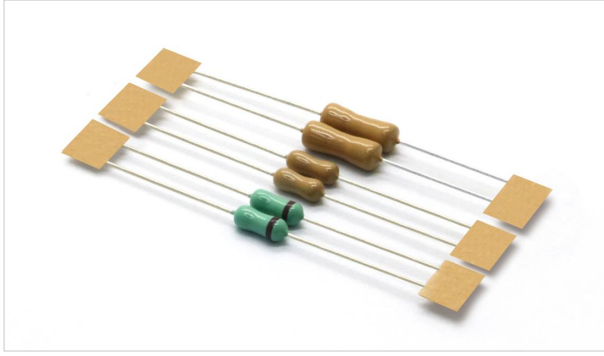
Adapter 适配器



TFT Display Power Module
TFT显示器电源模块



Led Driver Power Supply
LED 驱动电源



关键特性 KEY FEATURES OF THE PRODUCT

- 小型管状结构, 有2×7和3.6×10两种尺寸
Micro cartridge fuse, have 2×7mm and 3.6×10 two dimensions
- 瓷管涂层结构
Ceramic coated with epoxy
- 工作温度(-55℃~+125℃)
Operating temperature (-55℃~+125℃)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

参数表 PARAMETER LIST

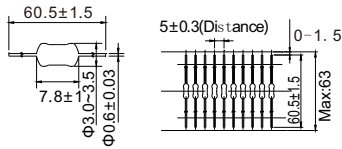
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification						
								TUV	VDE	cULUS	CCC	cURus	KC	PSE
1	211	2x7	瓷管涂层	F	150/250VAC	200mA-2.5A	50A@150/250VAC	●	○	○	○	●	○	○
					150/250VAC	3.15A-10A	35A@150/250VAC							
					32VAC/16VAC	12A-20A	50A@32VAC, 100A@16VAC							
2	212	2x7	瓷管涂层	T	125/250VAC	200mA-800mA	50A@125/250VAC	●	○	●	○	○	○	○
					125/250VAC	1A-2.5A	35A@125/250VAC							
					125/250VAC	3.15A-6.3A								
3	316	3.6x10	瓷管涂层	T	350VAC/250VAC	250mA-10A	100A@350VAC, 150A@250VAC	●	○	○	○	●	○	○

注: (1)●=取得○=未取得
●=obtained ○=no obtained

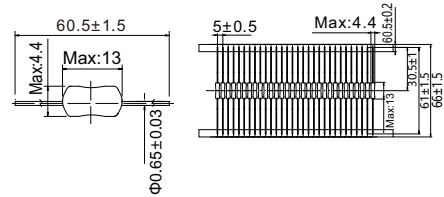
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



2x7 Size



3.6x10 Size

应用 APPLICATION

- 应急灯, 电池保护, LED驱动电源, 适配器, LCD显示器, 小功率医疗设备
Emergency light, battery protection, LED power supply, adapter, LCD display, low power medical equipment.



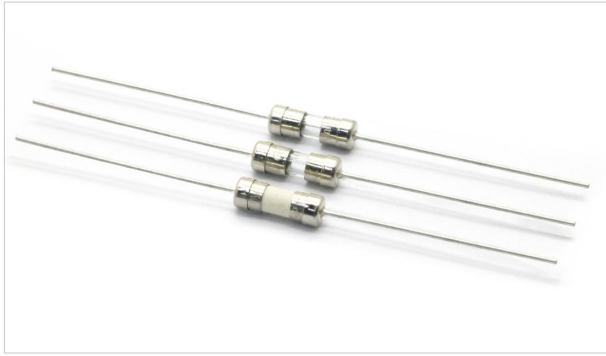
Adapter 适配器



LCD Display LCD显示器



Low power medical equipment
小功率医疗设备



关键特性 KEY FEATURES OF THE PRODUCT

- 3.6×10管状结构
3.6×10 cartridge fuse
- 玻璃管和陶瓷管
Glass tube and ceramic tube
- 工作温度(-55℃~+125℃)
Operating temperature (-55℃~+125℃)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1:311/312;
IEC60127-3:331/332/333/334

参数表 PARAMETER LIST

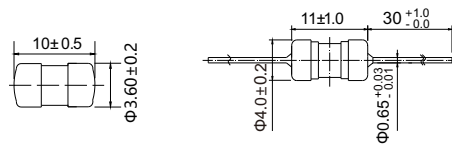
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification								
								TUV	VDE	cULus	CQC	cURus	KC	PSE	CCC	SEMKO
1	311	3.6x10	玻璃	F	125VAC/250VAC	250mA-10A	50A@125/250VAC	○	○	○	○	●	○	○	○	○
2	312			T	125VAC/250VAC	250mA-10A	50A@125/250VAC	○	○	○	○	●	○	○	○	○
3	331			F	125VAC/250VAC	500mA-6.3A	50A@125VAC, 35A or 10In@250VAC	○	○	○	○	●	○	○	○	○
					125VAC/250VAC	7A-10A	50A@125/250V AC	○	○	○	○	○	○	○	○	○
4	332	玻璃	T	125VAC/250VAC	250mA-800mA	35A or In@250VAC 50A@125V/250VAC	●	○	○	●	●	○	○	○	○	
				125VAC/250VAC	1A-6.3A		●	○	○	●	○	○	○	○		
				125VAC/250VAC	8A-10A		○	○	○	○	○	○	○	○		
5	333	3.6x10	陶瓷	F	125VAC/250VAC	315mA-10A	35A or 10In@250VAC 50A@125/250VAC	○	○	●	○	○	○	○	○	
6	334			T	125VAC/250VAC	200mA-800mA	50A@125VAC, 35A or 10In@250VAC	○	●	●	○	●	○	○	●	○
					125VAC/250VAC	1A-5A		○	●	●	●	●	○	○	○	
					125VAC/250VAC	6.3A-10A		○	○	○	○	○	○	○		
7	381	F	250VAC/250VDC	40mA-250mA	4kA@250VAC/DC	○	○	○	○	○	○	○	○			

注: (1)●=取得○=未取得
●=obtained ○=no obtained

(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



3.6x10 Size

应用 APPLICATION

- 主要应用于照明, 电源适配器, LED驱动电源, 电源设备、小家电及控制板等
Mainly used in Lighting, power adapter, led driver power supply ,electrical power unit, small appliances and control panel, etc.



Led Driver Power Supply
LED 驱动电源



Small Appliance 小型家电



Control Panel 控制板



关键特性 KEY FEATURES OF THE PRODUCT

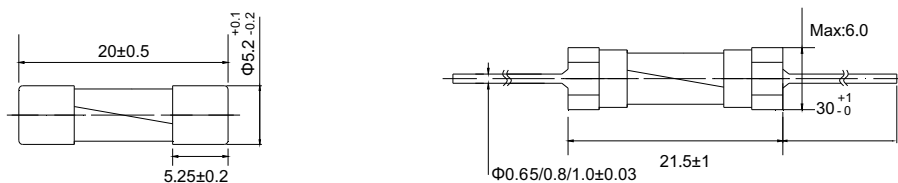
- 5×20管状结构
5×20 cartridge fuse
- 玻璃管和陶瓷管
Glass tube and ceramic tube
- 工作温度(-55℃~+125℃)
Operating temperature (-55℃~+125℃)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准 (Standard) : UL248-1:511/512/525
IEC60127:521/522/524/525

参数表 PARAMETER LIST

序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	Certification										
								TUV	VDE	cULus	CCC	CQC	cURus	KC	PSE	SEMKO	BSI	
1	511	5x20	玻璃	F	125VAC/250VAC	500mA-3A	10KA@125VAC,100A@250VAC											
					125VAC/250VAC	4A-6.3A	10KA@125VAC,200A@250VAC	○	○	●	○	○	○	○	○	○	○	
					125VAC/250VAC	7A-15A	100A@125V/250VAC											
3	512			T	125VAC/250VAC	500mA-800mA	10KA@125VAC,35A@250VAC											
					125VAC/250VAC	1A-6.3A	10KA@125VAC,100A@250VAC	○	○	●	○	○	○	○	○	○	○	
					125VAC/250VAC	7A-15A	400A@125VAC,100A@250VAC											
4	521		陶瓷	F	125VAC/250VAC	250mA-16A	10KA@125VAC,100A@250VAC	○	●	○	●	○	●	○	●	○	○	
5	522	T			250VAC	250mA-16A	35A or 10In@250VAC	●	○	○	○	○	●	○	○	○	○	
6	524	陶瓷	T	125VAC/250VAC	500mA-16A	10KA@125VAC,1500A@250VAC	●	●	○	●	●	●	●	●	●	●		
				125VAC/250VAC	20A-25A	400A@125VAC,500A@250VAC	●	○	○	○	○	●	○	○	○	○	○	
7	525	陶瓷	F	250VAC/300VAC	200mA-16A	1500A@250V/300VAC	●	○	○	○	○	●	○	○	○	○		
				250VAC/300VAC	20A-25A	750A@250V/300VAC	●	○	○	○	○	○	●	○	○	○	○	

注: (1)●=取得○=未取得 (2)F(Fast Acting)-快熔断 T(Time-Lag)-慢熔断 (3)详细内容请参照规格书
 ●=obtained ○=no obtained Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



5x20 Size

应用 APPLICATION

- 适用于250VAC或小于250VAC电压电路, 主要应用于家电产品, 消费类电子, 适配器, PC电源等电脑周边产品
Suitable for 250VAC or less voltage circuit, used in household appliances, consumer electronics, adapters, PC power supplies and other computer peripheral products.



Household Appliances 家用电器



Consumer Electronics 消费类电子



Adapters 适配器



关键特性 KEY FEATURES OF THE PRODUCT

- 5×20管状结构, 中高压产品
5x20 cartridge fuse, Medium and high voltage products
- 陶瓷管
ceramic tube
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准 (Standard) : UL248-1:513/529/571/573;
IEC60127:529/582

参数表 PARAMETER LIST

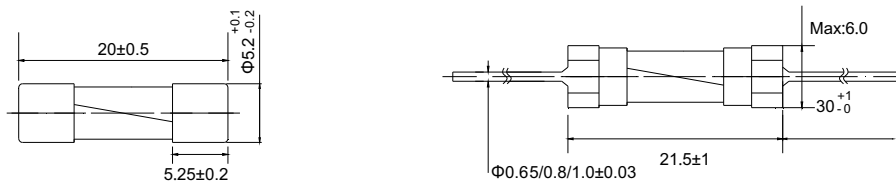
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification							
								TUV	VDE	cULus	CQC	CQC	cURus	KC	PSE
1	513	5x20	陶瓷	F	300VAC/300VDC	250mA-16A	1500A@300VAC, 1000A@300VDC	●	○	○	○	○	○	○	○
					300VAC/300VDC	20A-25A	750A@300VAC, 1000A@300VDC	●	○	○	○	○	○	○	
2	514			T	600VAC/500VDC	1A-16A	100A@600VAC, 400A@500VDC	●	○	○	○	○	○	○	
					300VAC/250VAC	16A	1500A@250VAC, 1500A@300VAC	●	○	●	○	○	○	○	
3	515			FF	300VAC/250VAC	20A	750A@250VAC, 750A@300VAC	●	○	○	○	○	○	○	
					600VAC/500VDC	12A-25A	100A@600VAC, 400A@500VDC	●	○	○	○	○	○	○	
4	517			FF	600VAC/500VDC	12A-25A	100A@600VAC, 400A@500VDC	●	○	○	○	○	○	○	
					600VAC/500VDC	1A-25A	100A@600VAC, 400A@500VDC	●	○	○	○	○	○	○	
5	529			F	600VAC/500VDC	1A-25A	100A@600VAC, 400A@500VDC	●	○	○	○	○	○	○	
					420VAC/420VDC			●	○	○	○	○	○	○	
6	571	F	600VAC	200mA-1A	1000A@600VAC	○	○	●	○	○	○	○			
			600VAC	1.6A-20A	200A@600VAC	○	○	○	○	○	○	○			
7	573	F	500VDC/400VDC	200mA-10A	300A@500VDC, 2KA@400VDC	●	○	○	○	○	○	○			
			500VDC	12A-20A	300A@500VDC	●	○	○	○	○	○	○			
8	582	T	600VAC	500mA-10A	200A@600VAC, 300A@500VDC, 2KA@400VDC	○	○	○	○	○	○	○			
			500VDC/400VDC	12A-20A	200A@600VAC, 300A@500VDC	○	○	○	○	○	○	○			

注: (1)●=取得○=未取得
●=obtained ○=no obtained

(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



5x20 Size

应用 APPLICATION

●中高压产品: 420VAC/DC 500DC, 600VAC, 主要应用于变频电路中的电机、电控保护, 服务器电源、高压路灯、充电桩等电路保护
Medium and high voltage parts: 420VAC/DC, 500DC, 600VAC, mainly used for circuit protection, such as inverter, circuit motor and electronic control, server power supply, high voltage street lamp, charging pile, etc.



Low power servo power supply
小功率伺服器电源



Street Lamp 路灯



Charging Pile 充电桩



关键特性 KEY FEATURES OF THE PRODUCT

- 6×30管状结构
6×30 cartridge fuse
- 玻璃管和陶瓷管
Glass tube and ceramic tube
- 工作温度(-55℃~+125℃)
Operating temperature (-55℃~+125℃)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

参数表 PARAMETER LIST

序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	额定电压分断能力 Rated Voltage Breaking Capacity	认证批准 Agency Approvals				
								TUV	cULus	CQC	cURus	PSE
1	611	6x30	玻璃	F	125VAC/250VAC	500mA-800mA	10kA@125VAC, 35A@250VAC	○	●	●	●	●
					125VAC/250VAC	1A-3A	10kA@125VAC, 100A@250VAC	○	●	●	●	●
					125VAC/250VAC	3.15A-20A	10kA@125VAC, 200A@250VAC	○	●	●	●	●
2	612			T	125VAC/250VAC	500mA-1A	10kA@125VAC, 35A@250VAC	○	●	●	●	●
					125VAC/250VAC	1.25A-3.15A	10kA@125VAC, 100A@250VAC	○	●	●	●	●
					125VAC/250VAC	4A-8A	10kA@125VAC, 200A@250VAC	○	●	●	●	●
3	613		陶瓷	F	125VAC/250VAC	10A-20A	400A@125VAC, 200A@250VAC	○	●	○	●	○
					125VAC/250VAC	25A-30A	400A@125VAC, 100A@250VAC	○	●	○	●	○
					125VAC/250VAC	25A	400A@125VAC, 100A@250VAC	○	●	○	●	○
4	614			T	125VAC/250VAC	500mA-1A	10kA@125VAC, 35A@250VAC	○	●	○	●	○
					125VAC/250VAC	1.25A-3.15A	10kA@125VAC, 100A@250VAC	○	●	○	●	○
					125VAC/250VAC	4A-10A	10kA@125VAC, 200A@250VAC	○	●	○	●	○
		125VAC/250VAC	12A-20A		400A@125VAC, 200A@250VAC	○	●	○	●	○		
5	616	陶瓷	T	250VAC/150VDC	15A-50A	1500A@250VAC, 200A@150VDC	●	○	●	●	○	
6	617		F	250/300VAC/150VDC	10A-40A	200A@150VDC, 1500A@250VAC 400A@300VAC	○	○	○	●	○	
		250VAC/150VDC		50A	200A@150VDC, 1500A@250VAC	○	○	○	●	○		

注: (1)●=取得○=未取得
●=obtained ○=no obtained

(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3) 详细内容请参照规格书
Please reference attached detailed datasheets

应用 APPLICATION

- 低压部分: 250VAC, 主要应用于空调电控板, UPS电源, 工业产品
The low-voltage part of 250VAC, mainly used in electronic control board of air conditioner, UPS power supply, industrial products.



Air Conditioning 空调



UPS Power Supply USP电源



Electric Tools 电动工具



关键特性 KEY FEATURES OF THE PRODUCT

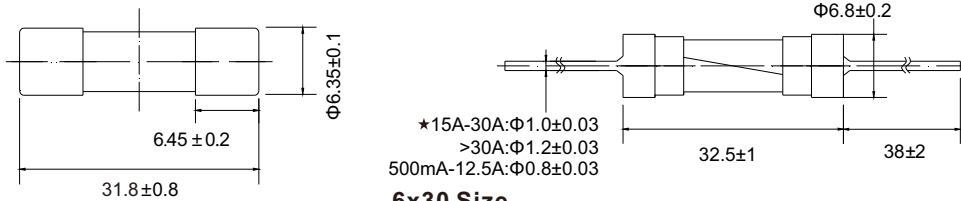
- 6×30管状结构, 中高压产品
6x30 cartridge fuse, Medium and high voltage products
- 陶瓷管
ceramic tube
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

参数表 PARAMETER LIST

序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	额定电压分断能力 Rated Voltage Breaking Capacity	认证批准 Agency Approvals				
								TUV	cULus	CQC	cURus	PSE
1	610	6x30	陶瓷	T	600VAC/150VDC	21A	200A@600VAC, 200A@150VDC	○	○	○	●	○
2	615			F	1000VAC/660VAC	500mA-10A	100A@1000VAC, 300A@660VAC	○	○	○	●	○
3	619			F	660VAC/500VAC	15-40A	200A@150VDC 400A@660VAC 800A@500VAC	●	○	○	●	○
4	682			F	500VAC/500VDC	10A-30A	30KA@500VAC 20KA@500VDC	●	○	○	●	○
5	683			F	500VAC/DC	20A-30A	1KA@500VAC/DC	●	○	○	●	○
6	691			F	600VAC/VDC	200mA-12A	10KA@600VAC/DC	●	○	○	●	○
7	693			F	1000VAC/VDC	200mA-3A	10KA@1000VAC/DC	○	○	○	●	○
8	694			F	660VAC/VDC	15A-30A	1KA@660VAC/DC	○	○	○	●	○
9	696			F	600VAC/VDC	15A-30A	1KA@600VAC/DC	○	○	○	●	○

注: (1)●=取得○=未取得
●=obtained ○=no obtained
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断
(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)



6x30 Size

应用 APPLICATION

●中高压产品: 500VAC/DC, 主要应用于变频电路中的电机、电控保护, 服务器电源、高压路灯
充电桩等电路保护: 660VAC/DC, 1000VAC/DC 主要用于充电桩, 万用表。

Medium voltage part of 500DC, mainly used in electric motor, electric control protection of frequency conversion circuit, server power supply.
high voltage street lamp, charging pile and other circuit protection. High-voltage parts of 600VAC/DC and 1000VAC/DC are mainly used in charging pile and multimeter.



Low Power Servo Power Supply
伺服电源



Server Power Supply
服务器电源



Street Lamp
路灯



Charging Pile
充电桩



关键特性 KEY FEATURES OF THE PRODUCT

- 6x25管状结构
6x25 cartridge fuse
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL248-1

关键特性 KEY FEATURES OF THE PRODUCT

- 6x25管状结构, 英规插头专用
6x25 Cartridge Fuse, Special use for British plug
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): BS1362

参数表 PARAMETER LIST

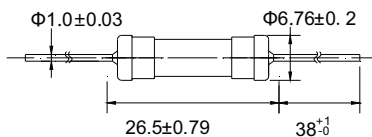
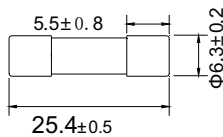
序号 No.	料号 Part No.	尺寸 Size	材质 Material	熔断特性 Fusing Characteristics	额定电压 Rated Voltage	额定电流 Rated Current	分断能力 Breaking Capacity	认证 Certification							
								TUV	ASTA	cULus	CCC	CQC	cURus	KC	PSB
1	671	6x25	陶瓷	T	75VDC/60VDC	5A-50A	2.5kA@75VDC, 5.0kA@60VDC	○	○	○	○	○	○	○	○
2	674	6x25	陶瓷	T	250VAC/420VDC	20A-30A	300A@420VDC	○	○	○	○	○	○	○	○
3	676	6x25	陶瓷	T	250VAC	30A	1.5kA@250VAC	●	○	○	○	○	○	○	○
2	AF63	6x25	陶瓷	F	264VAC	1A-13A	6kA@264VAC	○	●	○	●	○	○	○	●

注: (1) ●=取得 ○=未取得
●=obtained ○=no obtained

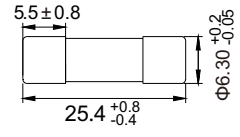
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3) 详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)

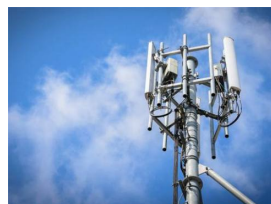


671/674/676 Size



AF63 Size

应用 APPLICATION



5G communication base station
5G通讯基站
671/674/676 应用



British Standard Plug
英规插头
AF63应用



关键特性 KEY FEATURES OF THE PRODUCT

- 熔丝保险丝
Melting wire fuse
- 额定电流: 40A-100A
Rated Current:40A-100A
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)



关键特性 KEY FEATURES OF THE PRODUCT

- 6x40管状结构
6x40 cartridge fuse
- 额定电流: 400mA-1A
Rated Current:400mA-1A
- 工作温度(-55°C~+125°C)
Operating temperature (-55°C~+125°C)

参数表 PARAMETER LIST

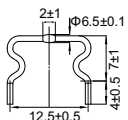
序号 No.	料号 Part No.	尺寸 Size	材质 Material	额定电流 Rated Current	额定电压 Rated Voltage	工作温度范围 Operating Temperature Range
1	253	12.5x11	铜银合金	40A-100A	80V DC	-55°C~+125°C
2	720	6x40	玻璃	400mA-1A	5KV AC	-55°C~+125°C

注: (1)●=取得○=未取得
●=obtained ○=no obtained

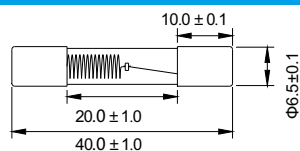
(2) F(Fast Acting)-快熔断
T(Time-Lag)-慢熔断

(3)详细内容请参照规格书
Please reference attached detailed datasheets

尺寸 DIMENSIONS(MM)

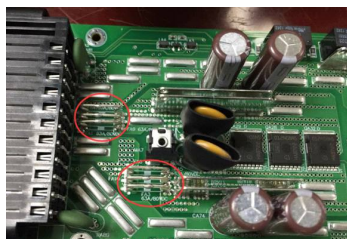


253 Size



720 Size

应用 APPLICATION

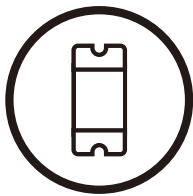
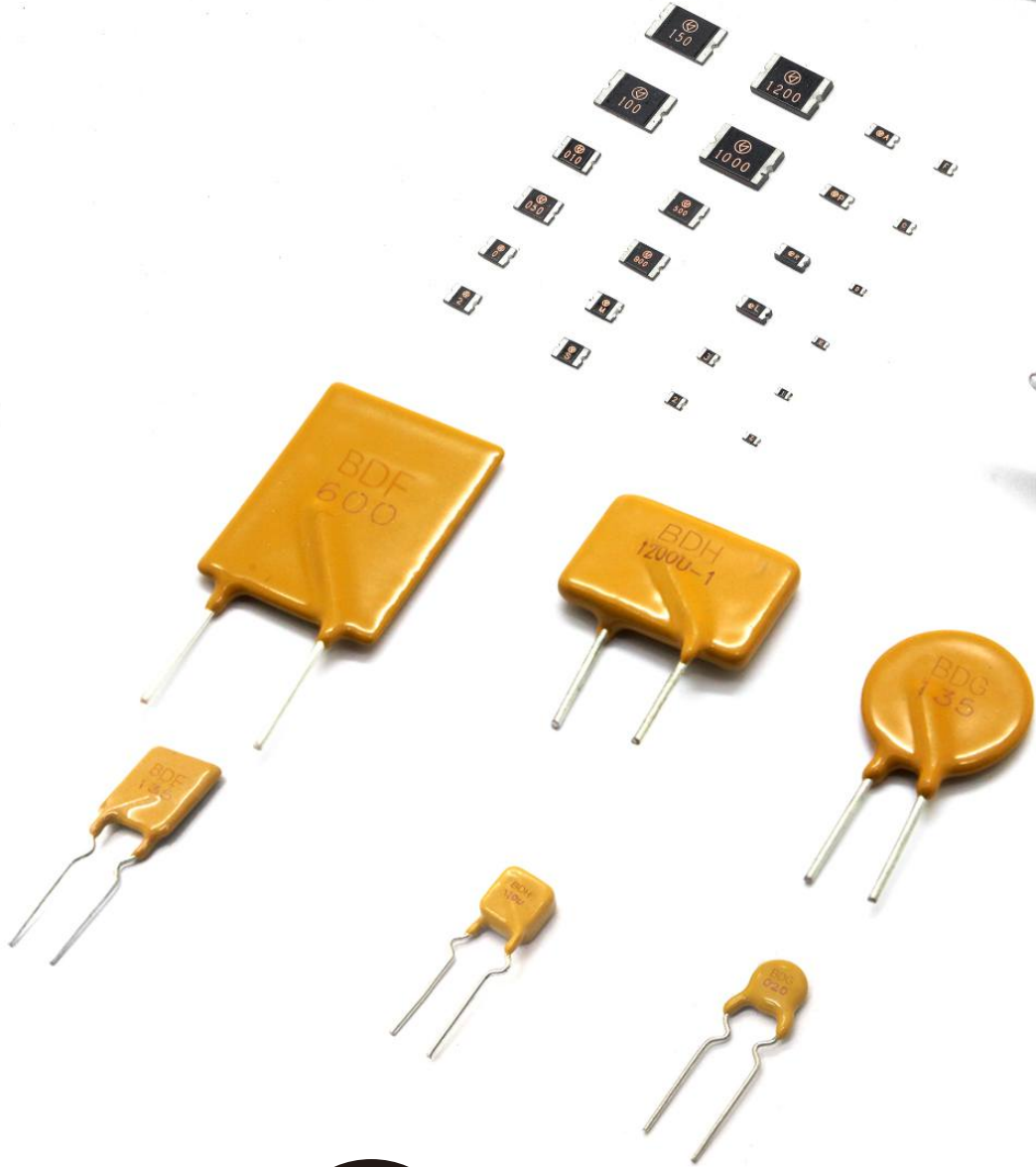


DC Power Supply 直流电源
253应用



Microwave oven 微波炉
720应用

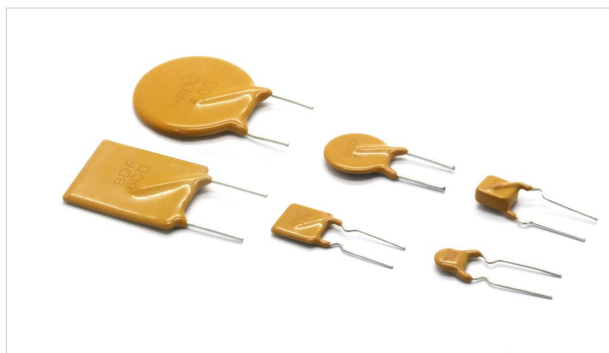




PPTC

Over Current Protection

Normal and Low Rho categories, .0402, .0603, .0805, 1206, 1210, 1812, 2920 Size



关键特性 KEY FEATURES OF THE PRODUCT

- 插件式结构
Radial leaded devices
- 阻燃环氧树脂绝缘材料符合UL94V-0要求
Flame retardant epoxy polymer insulating material meets UL94 V-0 requirement
- 工作温度(-40°C~+85°C)
Operating temperature (-40°C~+85°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL1434, EN62319

参数表 PARAMETER LIST

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)
BDE-030	16	40	0.30	0.60	1.0	1.50	10	0.300	0.900
BDE-050	16	40	0.50	1.00	1.0	2.50	10	0.200	0.750
BDE-065	16	40	0.65	1.30	1.0	3.25	10	0.120	0.270
BDE-075	16	40	0.75	1.50	1.0	3.75	10	0.100	0.255
BDE-090	16	40	0.90	1.80	1.0	4.50	10	0.090	0.240
BDE-110	16	40	1.10	2.20	1.0	5.50	10	0.080	0.225
BDE-120	16	40	1.20	2.40	1.0	6.00	10	0.070	0.225
BDE-135	16	40	1.35	2.70	1.0	6.75	10	0.040	0.180
BDE-160	16	40	1.60	3.20	1.0	8.00	10	0.030	0.105
BDE-185	16	40	1.85	3.70	1.0	9.25	10	0.030	0.135
BDE-200	16	40	2.00	4.00	1.0	10.0	10	0.030	0.075
BDE-250	16	40	2.50	5.00	1.3	12.5	10	0.020	0.075
BDE-300	16	40	3.00	6.00	2.3	15.0	10	0.038	0.105
BDE-400	16	40	4.00	8.00	2.4	20.0	10	0.021	0.060
BDE-500	16	40	5.00	10.00	2.6	25.0	10	0.015	0.038
BDE-600	16	40	6.00	12.00	2.8	30.0	10	0.010	0.030
BDE-700	16	40	7.00	14.00	3.0	35.0	10	0.008	0.023
BDE-800	16	40	8.00	16.00	3.0	40.0	10	0.006	0.018
BDE-900	16	40	9.00	18.00	3.3	45.0	12.0	0.005	0.017
BDE-1000	16	40	10.00	20.00	3.6	50.0	12.5	0.004	0.014
BDE-1100	16	40	11.00	22.00	3.7	55.0	13.5	0.004	0.012
BDE-1200	16	40	12.00	24.00	4.2	60.0	16.0	0.004	0.011
BDE-1300	16	40	13.00	26.00	4.6	65.0	18.0	0.0035	0.0083
BDE-1400	16	40	14.00	28.00	4.6	70.0	20.0	0.003	0.0075

注: (1)详细内容请参照规格书 Please reference attached detailed datasheets



参数表 PARAMETER LIST

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)
BDF-050	30	40	0.50	1.0	1.0	2.5	10	0.29	0.765
BDF-070	30	40	0.70	1.4	1.0	3.5	10	0.14	0.330
BDF-075	30	40	0.75	1.5	1.0	3.75	10	0.12	0.300
BDF-090	30	40	0.90	1.80	1.0	4.50	10	0.07	0.180
BDF-100	30	40	1.00	2.00	1.0	5.00	10	0.065	0.240
BDF-110	30	40	1.10	2.20	1.0	5.50	10	0.05	0.150
BDF-135	30	40	1.35	2.70	1.0	6.75	10	0.04	0.120
BDF-160	30	40	1.60	3.20	1.0	8.00	10	0.03	0.105
BDF-185	30	40	1.85	3.70	1.0	9.25	10	0.03	0.090
BDF-200	30	40	2.00	4.00	1.0	10.0	10	0.02	0.090
BDF-250	30	40	2.50	5.00	1.2	12.5	10.3	0.02	0.060
BDF-300	30	40	3.00	6.00	2.0	15.0	10.8	0.02	0.075
BDF-400	30	40	4.00	8.00	2.5	20.0	12.7	0.01	0.045
BDF-500	30	40	5.00	10.00	3.0	25.0	14.5	0.01	0.045
BDF-600	30	40	6.00	12.00	3.5	30.0	16.0	0.005	0.030
BDF-700	30	40	7.00	14.00	3.8	35.0	17.5	0.005	0.030
BDF-800	30	40	8.00	16.00	4.0	40.0	18.8	0.005	0.030
BDF-900	30	40	9.00	18.00	4.2	45.0	20.0	0.005	0.015

注: (1)详细内容请参照规格书 Please reference attached detailed datasheets

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)
BDG-003	60/72	40	0.03	0.08	1.0	0.15	10	33.0	97.5
BDG-005	60/72	40	0.05	0.10	1.0	0.25	10	16.0	39.0
BDG-010	60/72	40	0.10	0.20	1.0	0.50	10	2.50	6.75
BDG-017	60/72	40	0.17	0.34	1.0	0.85	10	2.00	4.80
BDG-017R	60/72	40	0.17	0.34	1.0	0.85	10	3.30	7.82
BDG-020	60/72	40	0.20	0.40	1.0	1.00	10	1.50	4.26
BDG-025	60/72	40	0.25	0.50	1.0	1.25	10	1.00	2.93
BDG-030	60/72	40	0.30	0.60	1.0	1.50	10	0.76	2.04
BDG-040	60/72	40	0.40	0.80	1.0	2.00	10	0.52	1.29
BDG-050	60/72	40	0.50	1.00	1.0	2.50	10	0.41	1.16
BDG-065	60/72	40	0.65	1.30	1.0	3.25	10	0.27	0.72
BDG-075	60/72	40	0.75	1.50	1.0	3.75	10	0.18	0.60
BDG-090	60/72	40	0.90	1.80	1.0	4.50	10	0.14	0.465
BDG-110	60/72	40	1.10	2.20	1.51	5.50	10	0.14	0.375
BDG-135	60/72	40	1.35	2.70	1.71	6.75	10	0.12	0.285
BDG-160	60/72	40	1.60	3.20	1.98	8.00	11.4	0.09	0.210
BDG-185	60/72	40	1.85	3.70	2.10	9.25	12.6	0.08	0.180
BDG-200	60/72	40	2.00	4.00	2.20	10.0	11.5	0.05	0.170
BDG-250	60/72	40	2.50	5.00	2.50	12.50	15.6	0.05	0.120
BDG-300	60/72	40	3.00	6.00	2.80	15.00	19.8	0.04	0.090
BDG-375	60/72	40	3.75	7.50	3.20	18.75	24.0	0.03	0.075
BDG-500	60/72	40	5.00	10.0	3.20	20.00	30.0	0.03	0.075

注: (1)详细内容请参照规格书 Please reference attached detailed datasheets



参数表 PARAMETER LIST

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)
BDH-030	250/265	3	0.03	0.06	1.0	0.15	10.0	40.00	135.00
BDH-040	250/265	3	0.04	0.08	1.0	0.20	10.0	33.00	97.50
BDH-050	250/265	3	0.05	0.10	1.0	0.75	10.0	24.00	90.00
BDH-060	250/265	3	0.06	0.12	1.0	0.30	10.0	22.00	48.00
BDH-080	250/265	3	0.08	0.16	1.0	0.40	10.0	14.00	33.00
BDH-090	250/265	3	0.09	0.18	1.0	0.45	10.0	10.00	30.00
BDH-110	250/265	3	0.11	0.22	1.0	0.55	15.0	7.00	16.50
BDH-120	250/265	3	0.12	0.24	1.0	0.60	15.0	8.00	18.00
BDH-145	250/265	3	0.145	0.29	1.0	0.725	15.0	3.50	9.75
BDH-180	250/265	3	0.18	0.50	1.0	1.00	15.0	0.80	3.00
BDH-200	250/265	3	0.20	0.40	1.5	1.00	15.0	1.50	4.80
BDH-300	250/265	3	0.30	0.60	1.5	1.50	15.0	1.00	3.75
BDH-350	250/265	3	0.35	0.70	1.5	1.75	10.0	0.80	2.25
BDH-400	250/265	3	0.40	0.80	2.5	2.00	10.0	0.75	1.65
BDH-500	250/265	5	0.50	1.00	2.5	2.50	15.0	0.50	1.20
BDH-600	250/265	5	0.60	1.20	3.0	3.00	10.0	0.50	1.13
BDH-800	250/265	5	0.80	1.60	3.5	4.00	10.0	0.45	1.05
BDH-1000	250/265	5	1.00	2.00	4.0	5.00	10.0	0.28	0.77
BDH-1200	250	10	1.20	2.40	4.2	6.00	15.0	0.17	0.42
BDH-1500	250	10	1.50	3.00	5.0	7.50	25.0	0.13	0.375
BDH-2000	250	10	2.00	4.00	5.0	10.0	25.0	0.12	0.285

注: (1)详细内容请参照规格书 Please reference attached detailed datasheets

应用 APPLICATION

- 玩具, 智能学习机, 电动车窗, 小型马达电源, 家电, 安防以及照明
Toys, intelligent learning machines, electric Windows, small motor power, home appliances, security and lighting.



safety equipment 安防设备



Intelligent Learning Machines
智能学习机



Toys 玩具

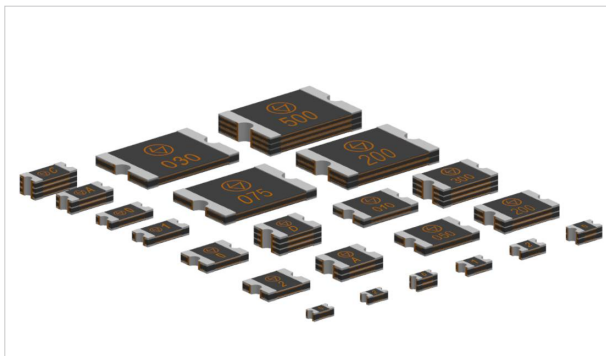


Electric Windows 电动车窗



Telecommunications equipment
电信设备





关键特性 KEY FEATURES OF THE PRODUCT

- 常规阻值
Normal Resistance
- 尺寸多样化,0603、0805、1206、1210、1812、2920
Dimensional diversity,0603,0805,1206,1210,1812,2920
- 工作温度(-40°C~+85°C)
Operating temperature (-40°C~+85°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL1434, EN62319

参数表 PARAMETER LIST

BNF Series 0603 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BNF00406F000	24	20	0.04	0.12	0.6	0.2	1	4	40	●	●
BNF00506F000	24	20	0.05	0.15	0.6	0.25	1	3	30	●	●
BNF01005F000	16	40	0.1	0.3	0.7	0.5	1	0.9	6	●	●
BNF02002F000	9	40	0.2	0.5	0.7	1	0.6	0.55	3.5	●	●
BNF02502F000	9	40	0.25	0.55	0.7	8	0.08	0.5	3	●	●
BNF03500F000	6	40	0.35	0.75	0.9	8	0.1	0.2	1	●	●
BNF05000E000	6	40	0.5	1	0.9	8	0.1	0.1	0.68	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets

BNP Series 0805 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BNP00505F000	16	100	0.05	0.15	0.8	0.5	1.5	1.5	20	●	●
BNP00506F000	24	100	0.05	0.15	0.8	0.5	1.5	1.5	20	●	●
BNP00507F000	30	100	0.05	0.15	0.8	0.5	1.5	1.5	20	○	○
BNP01005F000	16	100	0.1	0.3	0.8	0.5	1.5	1	6	●	●
BNP01006F000	24	100	0.1	0.3	0.8	0.5	1.5	1	6	●	●
BNP02002F000	9	100	0.2	0.5	1.2	8	0.02	0.5	3.5	●	●
BNP02003F000	12	100	0.2	0.5	1.2	8	0.02	0.5	3.5	○	○
BNP02500F000	6	100	0.25	0.55	1.2	8	0.02	0.45	3.2	●	●
BNP02503F000	12	100	0.25	0.55	1.2	8	0.02	0.45	3.2	○	○
BNP03000F000	6	100	0.3	0.65	1.2	8	0.1	0.25	2	●	●
BNP03003F000	12	100	0.3	0.65	1.2	8	0.1	0.25	2	○	○
BNP03500F000	6	100	0.35	0.75	1.2	8	0.1	0.25	1.2	●	●
BNP03503F000	12	100	0.35	0.75	1.2	8	0.1	0.25	1.2	○	○
BNP05000F000	6	100	0.5	1	1.2	8	0.1	0.15	0.85	●	●
BNP05003E000	12	100	0.5	1	1.2	8	0.1	0.15	0.85	○	○
BNP07500E000	6	100	0.75	1.5	1.2	8	0.2	0.09	0.385	●	●
BNP07501E000	8	100	0.75	1.5	1.2	8	0.2	0.09	0.385	○	○
BNP11000E000	6	100	1	1.95	1.2	8	0.3	0.06	0.23	●	●
BNP11100E000	6	100	1.1	2.2	1.2	8	0.3	0.05	0.21	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets

参数表 PARAMETER LIST

BNN Series 1206 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BNN00507D000	30	100	0.05	0.15	0.8	0.25	1.5	3.6	50	●	●
BNN00509D000	60	100	0.05	0.15	0.8	0.25	1.5	3.6	50	●	●
BNN01007D000	30	100	0.1	0.25	0.8	0.5	1	1.6	15	●	●
BNN01009D000	60	100	0.1	0.25	0.8	0.5	1	1.6	15	●	●
BNN01207D000	30	100	0.12	0.29	0.9	1	0.2	1.5	6	●	●
BNN01208D000	48	100	0.12	0.29	0.9	1	0.2	1.5	6	○	○
BNN01607F000	30	100	0.16	0.37	0.9	1	0.3	1.2	4.5	●	●
BNN02006F000	24	100	0.2	0.46	0.9	8	0.08	0.35	2.6	●	●
BNN02007F000	30	100	0.2	0.46	1	8	0.08	0.35	2.6	○	○
BNN02505F000	16	100	0.25	0.5	1	8	0.08	0.35	2.3	●	●
BNN02506F000	24	100	0.25	0.5	1	8	0.08	0.35	2.3	●	●
BNN03505F000	16	100	0.35	0.75	1	8	0.1	0.25	1.3	●	●
BNN03506F000	24	100	0.35	0.75	1	8	0.1	0.25	1.3	●	●
BNN03507D000	30	100	0.35	0.75	1.1	8	0.1	0.25	1.3	○	○
BNN05000F000	6	100	0.5	1	1.1	8	0.1	0.15	0.7	●	●
BNN05004F000	13.2	100	0.5	1	1.1	8	0.1	0.15	0.7	●	●
BNN05005F000	16	100	0.5	1	1.1	8	0.1	0.15	0.75	●	●
BNN05006D000	24	100	0.5	1	1.1	8	0.1	0.15	0.75	●	●
BNN05007D000	30	100	0.5	1	1.1	8	0.1	0.15	0.75	○	○
BNN07500F000	6	100	0.75	1.5	1.1	8	0.2	0.09	0.5	●	●
BNN07501F000	8	100	0.75	1.5	1.1	8	0.2	0.09	0.5	○	○
BNN07504F000	13.2	100	0.75	1.5	1.1	8	0.2	0.09	0.5	●	●
BNN07505D000	16	100	0.75	1.5	1.1	8	0.2	0.09	0.5	●	●
BNN07506D000	24	100	0.75	1.5	1.1	8	0.2	0.09	0.5	○	○
BNN11000F000	6	100	1	2	1.1	8	0.3	0.06	0.23	●	●
BNN11001F000	8	100	1	2	1.1	8	0.3	0.06	0.23	○	○
BNN11004D000	13.2	100	1	2	1.1	8	0.3	0.06	0.23	○	○
BNN11005D000	16	100	1	2	1.1	8	0.3	0.06	0.23	○	○
BNN11006D000	24	100	1	2	1.1	8	0.3	0.06	0.23	○	○
BNN11100F000	6	100	1.1	2.2	1.1	8	0.3	0.055	0.21	●	●
BNN11101F000	8	100	1.1	2.2	1.2	8	0.3	0.055	0.21	○	○
BNN11104D000	13.2	100	1.1	2.2	1.2	8	0.3	0.055	0.21	●	●
BNN11105D000	16	100	1.1	2.2	1.2	8	0.3	0.055	0.21	●	●
BNN11106D000	24	100	1.1	2.2	1.2	8	0.3	0.055	0.21	○	○
BNN11500D000	6	100	1.5	3		8	1	0.04	0.13	●	●
BNN11501D000	8	100	1.5	3		8	1	0.04	0.13	○	○
BNN12000D000	6	100	2	4		8	1	0.018	0.08	●	●
BNN12001D000	8	100	2	4		8	1	0.018	0.08	○	○

注: (1)●=取得 ○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets



参数表 PARAMETER LIST

BNU Series 1210 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	EURUS
BNU00507E000	30	100	0.05	0.15	0.9	0.25	1.5	2.8	50	○	○
BNU00509E000	60	100	0.05	0.15	0.9	0.25	1.5	2.8	50	●	●
BNU01007E000	30	100	0.1	0.3	0.9	0.5	0.6	0.8	15	●	●
BNU01009E000	60	100	0.1	0.3	0.9	0.5	0.6	0.8	15	○	○
BNU02007E000	30	100	0.2	0.4	0.9	8	0.02	0.4	5	●	●
BNU03505E000	16	100	0.35	0.75	0.9	8	0.2	0.2	1.3	●	●
BNU03506E000	24	100	0.35	0.75	0.9	8	0.2	0.2	1.3	○	○
BNU05005E000	16	100	0.5	1	1	8	0.1	0.18	0.9	●	●
BNU05006E000	24	100	0.5	1	1	8	0.1	0.18	0.9	○	○
BNU07500E000	6	100	0.75	1.5	1	8	0.1	0.07	0.4	●	●
BNU07505E000	16	100	0.75	1.5	1	8	0.1	0.07	0.4	○	○
BNU07506E000	24	100	0.75	1.5	1	8	0.1	0.07	0.45	●	●
BNU11100E000	6	100	1.1	2.2	1	8	0.3	0.05	0.21	●	●
BNU11101E000	8	100	1.1	2.2	1	8	0.3	0.05	0.21	○	○
BNU11103E000	12	100	1.1	2.2	1	8	0.3	0.05	0.21	○	○
BNU11105E000	16	100	1.1	2.2	1.1	8	0.3	0.05	0.25	●	●
BNU11500E000	6	100	1.5	3	1.1	8	0.5	0.03	0.11	●	●
BNU11501E000	8	100	1.5	3	1.1	8	0.5	0.03	0.11	●	●
BNU11750E000	6	100	1.75	3.5	1.1	8	0.6	0.02	0.08	○	○
BNU11751E000	8	100	1.75	3.5	1.1	8	0.6	0.02	0.08	●	●
BNU12000C000	6	100	2	4	1.1	8	1	0.015	0.07	●	●
BNU12001C000	8	100	2	4	1.1	8	1	0.015	0.07	○	○

注: (1) ●=取得 ○=未取得 ●=obtained ○=no obtained

(2) 详细内容请参照规格书 Please reference attached detailed datasheets

BNM Series 1812 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	EURUS
BNM01008A000	33	100	0.1	0.3	1.2	0.5	1.5	0.75	15	○	○
BNM01009A000	60	100	0.1	0.3	1.2	0.5	1.5	0.75	15	●	●
BNM01408A000	33	100	0.14	0.34	1.2	1.5	0.15	0.65	6	○	○
BNM01409A000	60	100	0.14	0.34	1.2	1.5	0.15	0.65	6	●	●
BNM02007A000	30	100	0.2	0.4	1.2	8	0.02	0.35	5	●	●
BNM02009A000	60	100	0.2	0.4	1.2	8	0.02	0.35	5	○	○
BNM03007A000	30	100	0.3	0.6	1.2	8	0.1	0.25	3	●	●
BNM05005B000	16	100	0.5	1	1.2	8	0.15	0.15	1	●	●
BNM05006B000	24	100	0.5	1	1.2	8	0.15	0.15	1	●	●
BNM05007B000	30	100	0.5	1	1.2	8	0.15	0.15	1	●	●
BNM05009A000	60	100	0.5	1	1.2	8	0.15	0.15	1.4	○	○
BNM07504B000	13.2	100	0.75	1.5	1.2	8	0.2	0.09	0.45	●	●
BNM07506B000	24	100	0.75	1.5	1.2	8	0.2	0.09	0.45	●	●
BNM07508A000	33	100	0.75	1.5	1.2	8	0.2	0.09	0.45	●	●
BNM11101B000	8	100	1.1	2.2	1.2	8	0.3	0.05	0.25	●	●
BNM11105B000	16	100	1.1	2.2	1.2	8	0.3	0.05	0.25	●	●
BNM11106A000	24	100	1.1	2.2	1.2	8	0.3	0.05	0.25	●	●
BNM11108A000	33	100	1.1	2.2	1.2	8	0.3	0.05	0.25	●	●
BNM11251B000	8	100	1.25	2.5	1.2	8	0.4	0.05	0.2	●	●
BNM11255B000	16	100	1.25	2.5	1.2	8	0.4	0.05	0.2	●	●

注: (1) ●=取得 ○=未取得 ●=obtained ○=no obtained

(2) 详细内容请参照规格书 Please reference attached detailed datasheets

参数表 PARAMETER LIST

BNM Series 1812 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BNM11256A000	24	100	1.25	2.5	1.2	8	0.4	0.05	0.2	●	●
BNM11257A000	30	100	1.25	2.5	1.2	8	0.4	0.05	0.2	○	○
BNM11501B000	8	100	1.5	3	1.2	8	0.5	0.04	0.16	●	●
BNM11504B000	13.2	100	1.5	3	1.2	8	0.5	0.04	0.16	●	●
BNM11505A000	16	100	1.5	3	1.2	8	0.5	0.04	0.16	●	●
BNM11506A000	24	100	1.5	3	1.2	8	0.5	0.04	0.16	●	●
BNM11601B000	8	100	1.6	3.2	1.2	8	1	0.03	0.13	●	●
BNM11604B000	13.2	100	1.6	3.2	1.2	8	1	0.03	0.13	●	●
BNM11605A000	16	100	1.6	3.2	1.2	8	1	0.03	0.13	●	●
BNM11606A000	24	100	1.6	3.2	1.2	8	1	0.03	0.13	○	○
BNM12001B000	8	100	2	4	1.2	8	2	0.02	0.1	●	●
BNM12004A000	13.2	100	2	4	1.2	8	2	0.02	0.1	●	●
BNM12005A000	16	100	2	4	1.2	8	2	0.02	0.1	●	●
BNM12006A000	24	100	2	4	1.2	8	2	0.02	0.1	○	○
BNM12503A000	12	100	2.5	5	1.2	8	2	0.018	0.08	○	○
BNM12505A000	16	100	2.5	5	1.2	8	2	0.018	0.08	●	●
BNM12601A000	8	100	2.6	5.2	1.2	8	2.5	0.015	0.047	●	●
BNM12604A000	13.2	100	2.6	5.2	1.2	8	2.5	0.015	0.05	●	●
BNM12605A000	16	100	2.6	5.2	1.2	8	2.5	0.015	0.05	●	●
BNM13001A000	8	100	3	6	1.2	8	4	0.012	0.04	●	●
BNM13003A000	12	100	3	6	1.2	8	4	0.012	0.045	○	○

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets

BNL Series 2920 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BNL03009A000	60	100	0.3	0.6	1.8	1.5	3	0.6	4.8	●	●
BNL05009A000	60	100	0.5	1	1.8	2.5	4	0.18	1.4	●	●
BNL07508A000	33	100	0.75	1.5	1.8	8	0.3	0.1	1	●	●
BNL07509A000	60	100	0.75	1.5	1.8	8	0.3	0.1	1	●	●
BNL11008A000	33	100	1	2	1.8	8	0.5	0.065	0.41	●	●
BNL11258A000	33	100	1.25	2.5	1.8	8	2	0.05	0.25	●	●
BNL11508A000	33	100	1.5	3	1.8	8	2	0.035	0.23	●	●
BNL11858A000	33	100	1.85	3.7	1.8	8	2.5	0.03	0.15	●	●
BNL12005A000	16	100	2	4	1.6	8	5	0.025	0.12	●	●
BNL12006A000	24	100	2	4	1.6	8	5	0.025	0.12	●	●
BNL12505A000	16	100	2.5	5	1.6	8	16	0.02	0.085	●	●
BNL12605A000	16	100	2.6	5.2	1.6	8	18	0.018	0.075	●	●
BNL12606A000	24	100	2.6	5.2	1.6	8	18	0.018	0.075	●	●
BNL13000A000	6	100	3	6	1.6	8	20	0.013	0.048	●	●
BNL13005A000	16	100	3	6	1.6	8	20	0.013	0.048	●	●
BNL13006A000	24	100	3	6	1.6	8	20	0.013	0.048	●	●
BNL14003A000	12	100	4	8	1.6	20	4	0.008	0.04	●	●
BNL14005A000	16	100	4	8	1.6	20	4	0.008	0.04	●	●
BNL15003A000	12	100	5	10	1.6	25	4	0.005	0.025	●	●
BNL15005A000	16	100	5	10	1.6	25	4	0.005	0.025	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets



应用 APPLICATION

●数码相机, DVD播放器, 硬盘驱动器, LED/LCD面板逆变器, LED照明电池充电电路保护, 笔记本电脑, 游戏机, 打印机等

Digital cameras, DVD players, Hard disk drives, LED/LCD Panel Inverters, Security camera surveillance, Access control identification, LED Lightings Battery Charging Circuit Protection, Notebooks/PCs, Gaming Consoles, Printers, Etc.



Notebook 笔记本电脑



Printer 打印机



Security camera surveillance
安防类摄像监控

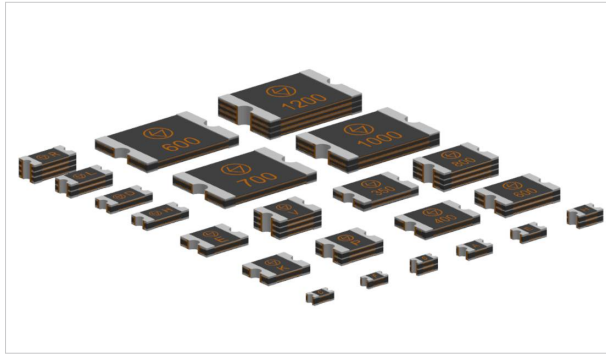


Access control identification 门禁识别



Hard disk drives 硬盘驱动器





关键特性 KEY FEATURES OF THE PRODUCT

- 超低阻值
Super Low Resistance
- 尺寸多样化,0603、0805、1206、1210、1812、2920
Dimensional diversity,0603,0805,1206,1210,1812,2920
- 工作温度(-40°C~+85°C)
Operating temperature (-40°C~+85°C)
- 无铅, 无卤, 符合RoHS要求
Lead-free, Halogen-free, RoHS compliant
- 标准(Standard): UL1434, EN62319

参数表 PARAMETER LIST

BLF Series 0603 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLF05000F000	6	50	0.5	1	0.9	8	0.6	0.07	0.4	●	●
BLF05002F000	9	50	0.5	1	0.9	8	0.6	0.07	0.4	●	●
BLF07500F000	6	50	0.75	1.5	1	8	1	0.04	0.2	●	●
BLF07502F000	9	50	0.75	1.5	1	8	1	0.04	0.2	●	●
BLF11000F000	6	50	1	2	1	8	2	0.025	0.12	●	●
BLF11002F000	9	50	1	2	1	8	2	0.025	0.12	●	●
BLF11250F000	6	50	1.25	2.5	1	8	3	0.02	0.1	●	●
BLF11252F000	9	50	1.25	2.5	1	8	3	0.02	0.1	●	●
BLF11500E000	6	50	1.5	3	1	8	4	0.017	0.08	●	●
BLF11502E000	9	50	1.5	3	1	8	4	0.017	0.08	●	●
BLF11750E000	6	50	1.75	3.5	1	8	5	0.015	0.07	●	●
BLF11752E000	9	50	1.75	3.5	1	8	5	0.015	0.07	●	●
BLF12000E000	6	50	2	4	1	8	5	0.012	0.06	●	●
BLF12002E000	9	50	2	4	1	8	5	0.012	0.06	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained (2)详细内容请参照规格书 Please reference attached detailed datasheets

BLP Series 0805 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLP11100F000	6	50	1.1	2.2	1.2	8	1	0.018	0.11	●	●
BLP11103F000	12	50	1.1	2.2	1.2	8	1	0.018	0.11	●	●
BLP11250F000	6	50	1.25	2.5	1.2	8	1	0.016	0.1	●	●
BLP11253F000	12	50	1.25	2.5	1.2	8	1	0.016	0.1	●	●
BLP11500F000	6	50	1.5	3	1.2	8	1	0.008	0.065	●	●
BLP11503F000	12	50	1.5	3	1.2	8	1	0.008	0.065	●	●
BLP11750F000	6	50	1.75	3.5	1.2	8	5	0.007	0.055	●	●
BLP11753F000	12	50	1.75	3.5	1.2	8	5	0.007	0.055	●	●
BLP12000F000	6	50	2	4	1.2	8	5	0.006	0.045	●	●
BLP12003F000	12	50	2	4	1.2	8	5	0.006	0.045	●	●
BLP12600E000	6	50	2.6	5.2	1.2	8	5	0.005	0.035	●	●
BLP12603E000	12	50	2.6	5.2	1.2	8	5	0.005	0.035	●	●
BLP13000E000	6	50	3	6	1.2	8	5	0.004	0.03	●	●
BLP13003E000	12	50	3	6	1.2	8	5	0.004	0.03	●	●
BLP13500E000	6	50	3.5	7	1.2	8	5	0.003	0.025	●	●
BLP13503E000	12	50	3.5	7	1.2	8	5	0.003	0.025	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained (2)详细内容请参照规格书 Please reference attached detailed datasheets



参数表 PARAMETER LIST

BLN Series 1206 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLN11500F000	6	50	1.5	3	1.2	8	5	0.01	0.065	●	●
BLN11503F000	12	50	1.5	3	1.2	8	5	0.01	0.065	●	●
BLN11750F000	6	50	1.75	3.5	1.2	8	5	0.01	0.06	●	●
BLN11753F000	12	50	1.75	3.5	1.2	8	5	0.01	0.06	●	●
BLN12000F000	6	50	2	4	1.2	8	5	0.008	0.04	●	●
BLN12003F000	12	50	2	4	1.2	8	5	0.008	0.04	●	●
BLN12600F000	6	50	2.6	5.2	1.2	8	5	0.004	0.026	●	●
BLN12603F000	12	50	2.6	5.2	1.2	8	5	0.004	0.026	●	●
BLN13000F000	6	50	3	6	1.2	8	5	0.004	0.02	●	●
BLN13003F000	12	50	3	6	1.2	8	5	0.004	0.02	●	●
BLN13500F000	6	50	3.5	7	1.4	17.5	2	0.004	0.018	●	●
BLN13503F000	12	50	3.5	7	1.4	17.5	2	0.004	0.018	●	●
BLN13800D000	6	50	3.8	7.6	1.4	19	2	0.004	0.016	●	●
BLN13803D000	12	50	3.8	7.6	1.4	19	2	0.004	0.016	●	●
BLN14000D000	6	50	4	8	1.4	20	2	0.004	0.014	●	●
BLN14003D000	12	50	4	8	1.4	20	2	0.004	0.014	●	●
BLN14500D000	6	50	4.5	9	1.4	22.5	2	0.002	0.012	●	●
BLN14503D000	12	50	4.5	9	1.4	22.5	2	0.002	0.012	●	●
BLN15000D000	6	50	5	10	1.4	25	2	0.002	0.011	●	●
BLN15003D000	12	50	5	10	1.4	25	2	0.002	0.011	●	●
BLN15500D000	6	50	5.5	11	1.4	27.5	2	0.002	0.01	●	●
BLN15503D000	12	50	5.5	11	1.4	27.5	2	0.002	0.01	●	●
BLN16000D000	6	50	6	12	1.4	30	2	0.002	0.009	●	●
BLN16003D000	12	50	6	12	1.4	30	2	0.002	0.009	●	●
BLN16500D000	6	50	6.5	13	1.4	32.5	2	0.001	0.0085	●	●
BLN16503D000	12	50	6.5	13	1.4	32.5	2	0.001	0.0085	●	●
BLN17000D000	6	50	7	14	1.4	35	2	0.001	0.008	●	●
BLN17003D000	12	50	7	14	1.4	35	2	0.001	0.008	●	●
BLN17500D000	6	50	7.5	15	1.4	37.5	2	0.001	0.007	●	●
BLN17503D000	12	50	7.5	15	1.4	37.5	2	0.001	0.007	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets

参数表 PARAMETER LIST

BLU Series 1210 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLU12000E000	6	50	2	4	1.2	8	3	0.006	0.035	●	●
BLU12003E000	12	50	2	4	1.2	8	3	0.006	0.035	●	●
BLU12600E000	6	50	2.6	5.2	1.2	8	5	0.003	0.025	●	●
BLU12603E000	12	50	2.6	5.2	1.2	8	5	0.003	0.025	●	●
BLU13000E000	6	50	3	6	1.2	15	2	0.003	0.02	●	●
BLU13003E000	12	50	3	6	1.2	15	2	0.003	0.02	●	●
BLU13500E000	6	50	3.5	7	1.2	17.5	2	0.002	0.018	●	●
BLU13503E000	12	50	3.5	7	1.2	17.5	2	0.002	0.018	●	●
BLU13800E000	6	50	3.8	7.6	1.2	19	2	0.002	0.016	●	●
BLU13803E000	12	50	3.8	7.6	1.2	19	2	0.002	0.016	●	●
BLU14000E000	6	50	4	8	1.4	20	2	0.002	0.014	●	●
BLU14003E000	12	50	4	8	1.4	20	2	0.002	0.014	●	●
BLU14500E000	6	50	4.5	9	1.4	22.5	2	0.001	0.013	●	●
BLU14503E000	12	50	4.5	9	1.4	22.5	2	0.001	0.013	●	●
BLU15000C000	6	50	5	10	1.4	25	2	0.001	0.012	●	●
BLU15003C000	12	50	5	10	1.4	25	2	0.001	0.012	●	●
BLU15500C000	6	50	5.5	11	1.4	27.5	2	0.001	0.011	●	●
BLU15503C000	12	50	5.5	11	1.4	27.5	2	0.001	0.011	●	●
BLU16000C000	6	50	6	12	1.4	30	2	0.0009	0.01	●	●
BLU16003C000	12	50	6	12	1.4	30	2	0.0009	0.01	●	●
BLU16500C000	6	50	6.5	13	1.4	32.5	2	0.0008	0.009	●	●
BLU16503C000	12	50	6.5	13	1.4	32.5	2	0.0008	0.009	●	●
BLU17000C000	6	50	7	14	1.4	35	2	0.0007	0.008	●	●
BLU17003C000	12	50	7	14	1.4	35	2	0.0007	0.008	●	●
BLU17500C000	6	50	7.5	15	1.4	37.5	2	0.0006	0.007	●	●
BLU17503C000	12	50	7.5	15	1.4	37.5	2	0.0006	0.007	●	●

注: (1)●=取得○=未取得 ●=obtained ○=no obtained

(2)详细内容请参照规格书 Please reference attached detailed datasheets



参数表 PARAMETER LIST

BLM Series 1812 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLM13000B000	6	50	3	6	1.2	15	2	0.0035	0.022	●	●
BLM13003B000	12	50	3	6	1.2	15	2	0.0035	0.022	●	●
BLM13500B000	6	50	3.5	7	1.2	17.5	2	0.003	0.02	●	●
BLM13503B000	12	50	3.5	7	1.2	17.5	2	0.003	0.02	●	●
BLM14000B000	6	50	4	8	1.2	20	2	0.0025	0.018	●	●
BLM14003B000	12	50	4	8	1.2	20	2	0.0025	0.018	●	●
BLM14500B000	6	50	4.5	9	1.2	22.5	2	0.002	0.016	●	●
BLM14503B000	12	50	4.5	9	1.2	22.5	2	0.002	0.016	●	●
BLM15000B000	6	50	5	10	1.2	25	2	0.0015	0.014	●	●
BLM15003B000	12	50	5	10	1.2	25	2	0.0015	0.014	●	●
BLM15500B000	6	50	5.5	11	1.2	27.5	2	0.0012	0.012	●	●
BLM15503B000	12	50	5.5	11	1.2	27.5	2	0.0012	0.012	●	●
BLM16000A000	6	50	6	12	1.2	30	2	0.001	0.01	●	●
BLM16003A000	12	50	6	12	1.2	30	2	0.001	0.01	●	●
BLM16500A000	6	50	6.5	13	1.2	32.5	2	0.0009	0.009	●	●
BLM16503A000	12	50	6.5	13	1.2	32.5	2	0.0009	0.009	●	●
BLM17000A000	6	50	7	14	1.2	35	2	0.0008	0.0085	●	●
BLM17003A000	12	50	7	14	1.2	35	2	0.0008	0.0085	●	●
BLM17500A000	6	50	7.5	15	1.2	37.5	2	0.0008	0.008	●	●
BLM17503A000	12	50	7.5	15	1.2	37.5	2	0.0008	0.008	●	●
BLM18000A000	6	50	8	16	1.2	40	2	0.0007	0.007	●	●
BLM18003A000	12	50	8	16	1.2	40	2	0.0007	0.007	●	●
BLM18500A000	6	50	8.5	17	1.2	42.5	2	0.0006	0.006	●	●
BLM18503A000	12	50	8.5	17	1.2	42.5	2	0.0006	0.006	●	●
BLM19000A000	6	50	9	18	1.2	45	2	0.0005	0.005	●	●
BLM19003A000	12	50	9	18	1.2	45	2	0.0005	0.005	●	●

注: (1) ●=取得 ○=未取得 ●=obtained ○=no obtained

(2) 详细内容请参照规格书 Please reference attached detailed datasheets

BLL Series 2920 Size

料号 Part No.	V _{MAX}	I _{MAX}	I _H	I _T	P _D	最大动作时间 Maximum Time-to-Trip		电阻 Resistance		认证 Certification	
	(Vdc)	(A)	(A)	(A)	(W)	Current (A)	Time (Sec)	R _{MIN} (Ω)	R _{1MAX} (Ω)	TUV	cURus
BLL16005A000	16	50	6	12	1.6	30	5	0.0008	0.012	●	●
BLL17005A000	16	50	7	14	1.6	35	5	0.0007	0.008	●	●
BLL18005A000	16	50	8	16	1.6	40	5	0.0006	0.007	●	●
BLL19005A000	16	50	9	18	1.6	45	5	0.0005	0.006	●	●
BLL21005A000	16	50	10	20	1.6	50	5	0.0004	0.005	●	●
BLL21105A000	16	50	11	22	1.6	50	6	0.0003	0.004	●	●
BLL21205A000	16	50	12	24	1.6	50	7	0.0002	0.003	●	●

注: (1) ●=取得 ○=未取得 ●=obtained ○=no obtained

(2) 详细内容请参照规格书 Please reference attached detailed datasheets

应用 APPLICATION

- USB集线器、端口和外围设备、主板USB和IEEE 1394保护、机顶盒、蓝牙耳机、电子烟、游戏机端口保护通用电子等
USB hubs, ports and peripherals, motherboard USB & IEEE 1394 protection, set-top-box, Bluetooth headset, Electronic cigarette game console port protection general electronics, etc.



USB hubs USB集线器



Set-top-box 机顶盒



Bluetooth headset 蓝牙耳机



Electronic cigarette 电子烟

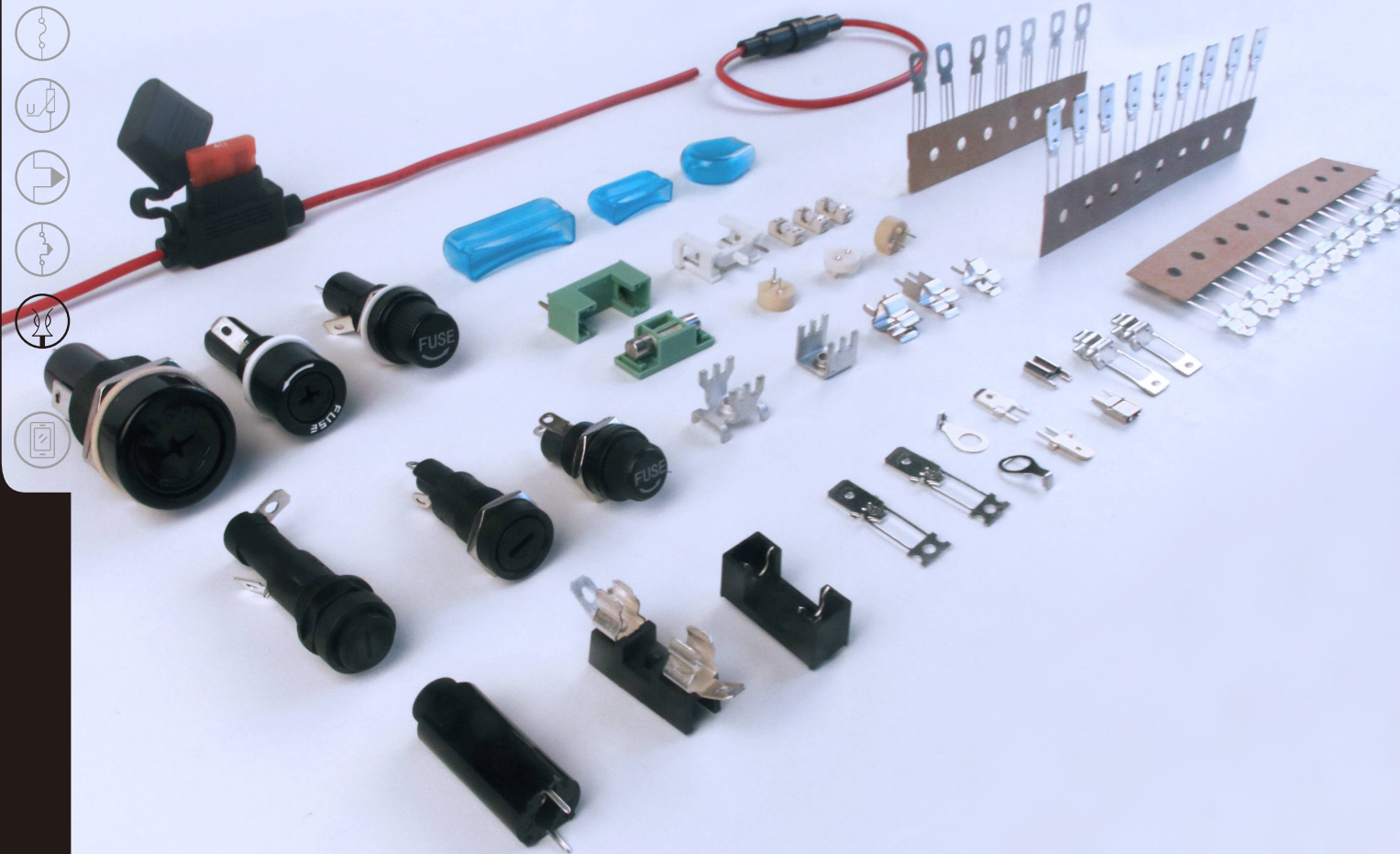


Motherboard USB 主板USB

电气参数说明 Electrical parameter description

- I_H : Holding current, maximum current at which the device will not interrupt in 25°C still air.
维持电流，在25°C环境下PPTC最大工作电流。
- I_T : Tripping current, minimum current at which the device from low resistance to high resistance in 25°C still air.
在25°C环境下PPTC从低阻到高阻转变的最小电流。
- V_{MAX} : Maximum continuous voltage device can withstand without damage at rated current.
PPTC产品最大工作电压。
- I_{MAX} : Maximum fault current device can withstand without damage at rated voltage.
PPTC产品承受最大电流。
- Maximum Time-to-trip: Maximum time to trip at assigned current.
PPTC产品在规定电流下的最大动作时间。
- P_D : Typical amount of power dissipated from the device when in 25°C still air environment.
PPTC产品动作状态下的功率消耗。
- R_{MIN} : Minimum resistance of device at 25°C prior to tripping.
PPTC产品未动作之前的最小电阻。
- R_{1MAX} : Maximum resistance of device is measured one hour post reflow.
PPTC产品回流焊后1小时的最大电阻。





Accessories

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



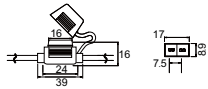
BW 702

BW 701

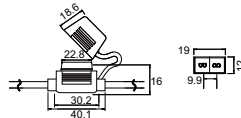
BW 703

Voltage/Current
UL Rating
Mounting

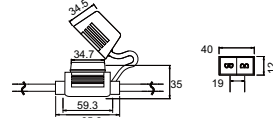
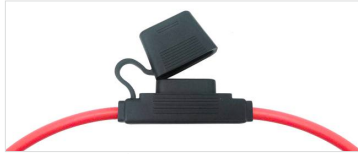
32VDC/30A
UL94V0
Blade Fuse(小型Mini)



32VDC/40A
UL94V0
Blade Fuse(中型medium)



58VDC/80A
UL94V0
Blade Fuse(大型Max)



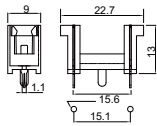
BH 501

BH 800

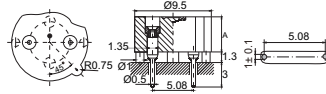
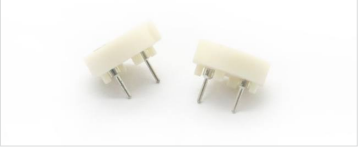
BH 240

Voltage/Current
UL Rating
Mounting

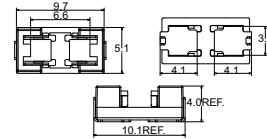
250VAC/10A
UL 94V0
Φ5*20mm



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



250VAC/10A
UL94V0
2410



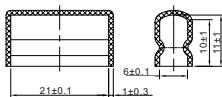
PVC ROHS (FPFC21-6-11B)
BH 503

PVC ROHS (FPFC33-11 630)
BH 603

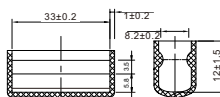
FH10-200CK-B, FH10-200CK-G
cUL_{us}

Voltage/Current
UL Rating
Mounting

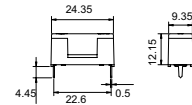
250VAC/10A
UL94V0
Φ5*20mm






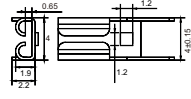
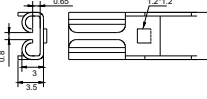
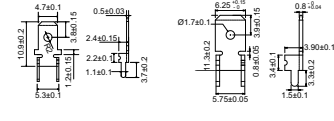
250VAC/30A
UL94V0
Φ6*30mm

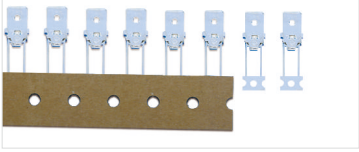
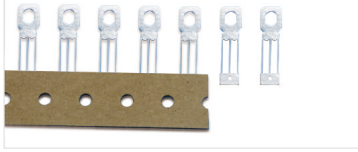
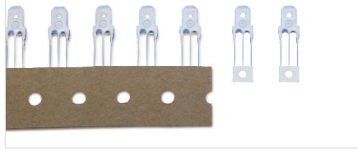
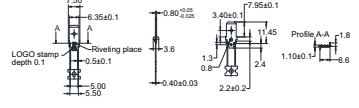
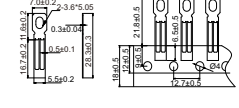
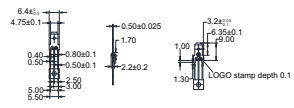




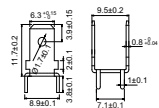
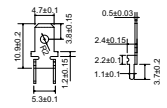
250VAC/10A
UL 94V2
Φ5*20mm





	BC 701 For Mini Auto Fuse	BC 702 For Medi Auto Fuse	BT002-075-A, BT002-080
Material	Phosphor Bronze	Phosphor Bronze	Copper H62, semi-hard
Plating	Ni Plated, Bright Sn Plated	Ni Plated, Bright Sn Plated	Nickel
Thickness	0.8mm	0.8mm	0.75mm, 0.8mm
			
			

	BT030-240	BT020-230	BT029-150
Material	Copper H65, Semi-hard	Iron	Copper H62, semi-hard
Plating	Bright Sn	Bright Sn	Matte Sn
Thickness	1~3μm	0.3mm	3~6μm
			
			

	BT004-080	BT001-050-A
Material	Copper H62, semi-hard	Copper H62, semi-hard
Plating	Nickel	Nickel
Thickness	0.8mm, 4Pins	4.7mm
		
		

产品应用领域



小型保险丝6x25
详见P16



5G通讯基站

6x40高压保险丝
详见P17



微波炉

大电流贴片保险丝
详见P8



除草机 (园林工具)

小型中高压保险丝
详见P13/P15



路灯



塑封型保险丝
详见P09

电源



方头贴片保险丝
详见P6-P7

电视机



小型保险丝
详见P12/P14

家电 (冰箱, 空调, 洗衣机)

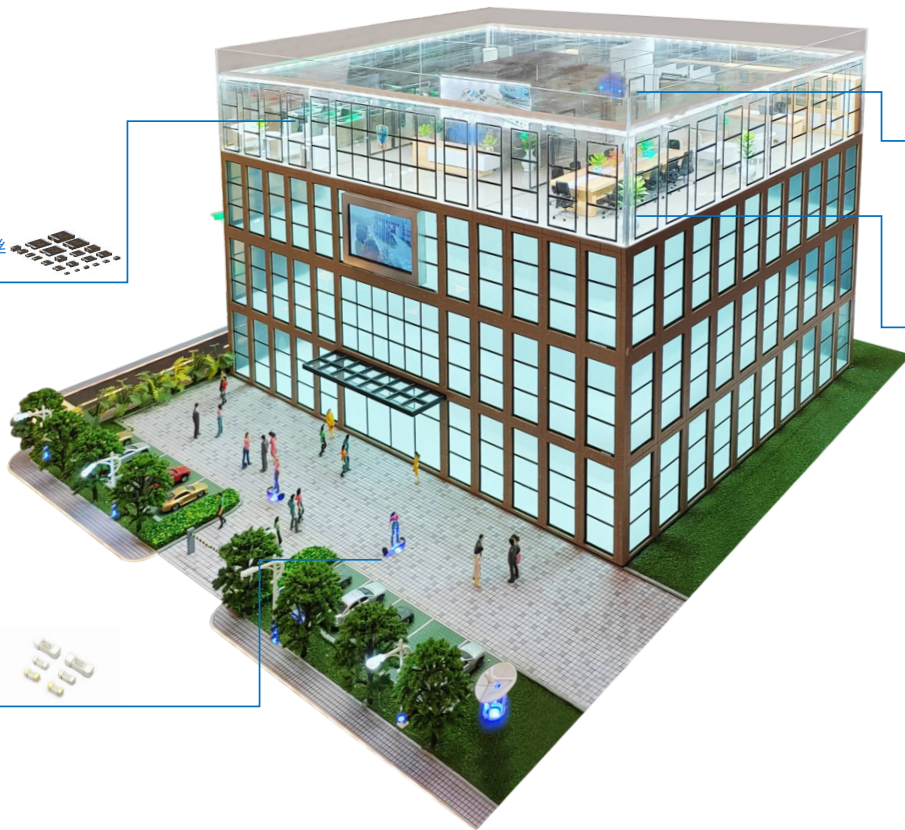


小型中高压保险丝
详见P13/P15

充电桩



产品应用领域



贴片自恢复保险丝
详见P22-P31

电脑周边



方头贴片保险丝
详见P6-P7

平衡车



小型保险丝
详见P12-P15

服务器



6x25管状保险丝
详见P16

电源



Management System
IATF 16949:2016

www.tuv.com
ID 9000028566

National Specialized Special
New "Little Giant" Business
National High-tech Enterprise
SC 32C National Technical
Committee Member of China
ISO 9001 Certified Company
ISO 14001 Certified Company
ISO 45001 Certified Company
QC 080000 Certified Company
IATF 16949 Certified Company

国家级专精特新“小巨人”企业
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
ISO 45001 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有限公司
Add.: Room 601 of 16Block, No.1 Headquarters Velley, Hsinchu Road, Songshan Lake
High-tech Industrial Development Zone, Dongguan city Guangdong Province P.R.C.
Tel: +86-769-2307 8202
Fax: +86-769-8323 8732
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 / 8263 1615 E-mail: sls01@betterfuse.com

贝特卫士 (佛山)

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

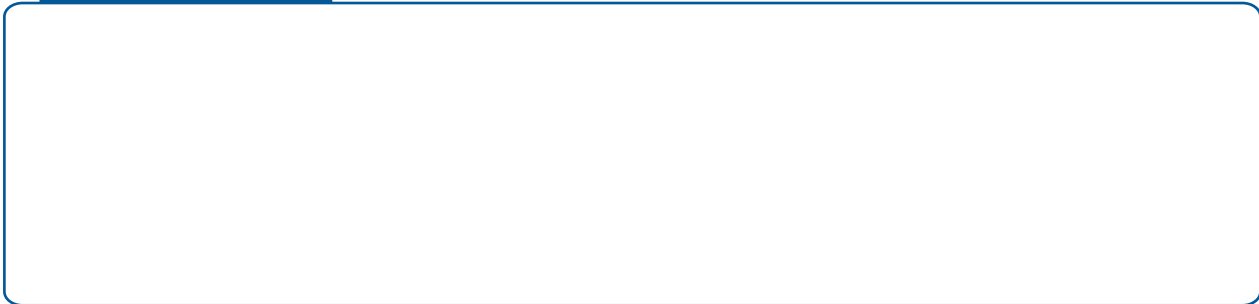
贝特卫士 (无锡)

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

Authorized Agent 特约经销商



Note: The above certification marks show a summary of all available product certification, each product's own specific certifications shall prevail.

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

©2024 Betterfuse Product Portfolio