



-  陶瓷气体放电管 / GDT
-  浪涌保护器 / SPD
-  压敏复合气体管 / BMG
-  压敏电阻 / MOV
-  瞬态抑制二极管 / TVS
-  半导体放电管 / TSS
-  静电保护器件 / ESD
-  稳压管 / Zener
-  TVS复合TSS / BVS
-  开路失效TVS / BVO

企业简介 Enterprise Profile



深圳市滨城电子股份有限公司成立于1999年, 是一家专注于防雷、防浪涌、防静电等防护电路设计以及防护元器件研发、生产和销售的高新技术企业, 产品涵盖陶瓷气体放电管 (GDT)、瞬态抑制管 (TVS)、半导体放电管 (TSS)、静电保护管(ESD)、稳压管 (Zener)、压敏电阻 (MOV)、浪涌保护器件 (SPD)、复合器件(Hybrid device) 等, 是全球过压防护领域产品线较为齐全的厂商之一。公司产品广泛应用于通讯、安防、消费电子、工业、家电、医疗、汽车电子、新能源等行业, 目前已与华为、诺基亚、三星、海康、联想、富士康、捷普、松下、格力、美的、迈瑞、英飞特、比亚迪、古瑞瓦特、华勤技术等国内外知名企业建立了稳定的业务合作关系。

As a professional manufacturer and provider and manufacturer of surge protection components and innovative solutions , Shenzhen Bencent Electronics Co., Ltd was established in1999, its product range cover GDT, TVS, TSS, ESD, Zener, MOV, SPD, Hybrid Devices and semiconductor chips, etc. Bencent components arewidely used in industries include communication, security, Consumer Electronics, industrial, medical electronics, automotive electronics andalternative energy.Bencnet electronics has taken pride in becoming preferred supplier with priority to HUAWEI, NOKIA, SAMSUNG, HIKVISION, LENOVO,FOXCONN, JABIL, PANASONIC, GREE, MIDEA, MINDRAY, INVENTRONICS ,BYD,GROWATT,HUAQIN.

深圳·滨城电子(总部)
Bencent ShenZhen



Bencent DongGuan
东莞·滨盛电子



GDT / SPD / MOV / Hybrid Devices
GDT / SPD / MOV / 复合器件

Bencent MAS
马鞍山·滨城电子



4 " Wafer Fab / TVS / TSS
4吋半导体芯片 / 封测 / TVS / TSS

Bencent MAS·Dapeng semiconductor
马鞍山·大鹏半导体



6 " Wafer Fab / ESD / ZENER
6吋半导体芯片 / 封测 / ESD / Zener

新产品What's New?

FGDT



BL201NH
 $V_{BR} \geq 140V$
 $V_{impulse} \leq 500V$
 $I_{pp} > 1kA (8/20\mu s)$
2.9x2.1x1.9mm
Page 41



Circuit

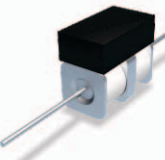


AC POWER



Adapter

BXD



BXD3000SA03M03-D10
 $V_{BR} \geq 2400V$ $V_{impulse} \leq 2500V$
 $I_{pp} > 3kA (8/20\mu s)$
 $H_{ipot} \geq 2000V$
8.5x5.5x8.5mm
Page 41



Circuit



AC POWER



Adapter

BMG



BMG20D751K102Y
 $I_{pp} = 5kA @ 8/20\mu s$
Low Clamping Voltage
 $V_{BR} \geq 800V$
20x17x9mm
Page 45



Circuit

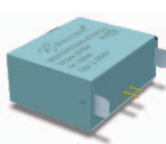


POWER



Residential Storage

SPD For PV



BSPDPV20K-670H1
 $U_C = 670V DC$ $I_N = 10kA (8/20\mu s)$
No leakage current and high reliability
34.2x14.3x30.3mm
Page 43



Circuit



DC POWER



PV Inverter

LED SPD



BSPD277D05LF-01
 $U_C = 277 VAC$ $I_N = 5KA (8/20\mu s)$
69.4x34x21.3mm
Page 43



Circuit

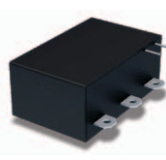


AC POWER

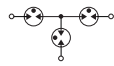


Adapter

板载SPD



BSPD230C20PF-02
 $U_C = 230V$ $I_N = 20kA (8/20\mu s)$
 $U_P < 2.0kV (L \rightarrow N / L \rightarrow PE / N \rightarrow PE)$
38.5x16.4x24mm
Page 43



Circuit

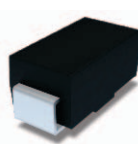


AC POWER



PAD Power

SMA 600W



BV-6SMAJ15CA-F
Peak pulse power 600W(10/1000 μs)
Low Clamping Voltage $\leq 19.9V$
5.3x2.9x2.5mm
Page 53



Circuit

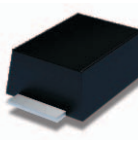


DC POWER



Access Control

SMBF 3000W



BV-3SMBF30CA
Peak pulse power 3000W(10/1000 μs)
Low Clamping Voltage $\leq 48.4V$
5.8x4.4x2.8mm
Page 53



Circuit

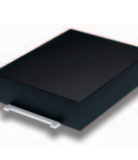


DC POWER



Access Control

SMK 3kA



BV-SMKJ75CA
 $V_{BR} \geq 85V$
 $V_C \leq 140V$
 $I_{pp} > 3kA (8/20\mu s)$
10x8.2x2.2mm
Page 53



Circuit

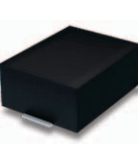


DC POWER



BMS

TVS+TSS 10kA



BVS-SMEJ7675CA
 $V_R(TVS): 76V$ $V_{DRM}(TSS): 75V$
 $I_{pp} > 10kA (8/20\mu s)$
 $I_{pp} > 400A (10/350\mu s)$
18.3x14x7.5mm
Page 53



Circuit

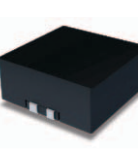


DC POWER



AAU

OTVS 20kA



BVO-SMG76CA
 $I_{pp} \geq 10kA @ 8/20\mu s @ 95^\circ C$
 $V_{DRM} \geq 76V$
Fail-safe
24.0x23.5x13.8mm
Page 53



Circuit



DC POWER



AAU

DFN1610 100A



BV-FE05ZF
 $V_{BR} \geq 6V$
 $V_C \leq 11V @ 100A$
 $V_C \leq 8.3V @ 16A TLP$
1.6x1.0x0.5mm
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Circuit



DC POWER



Mobile phone



FGDT

快速响应放电管
BL201NH
Page 41



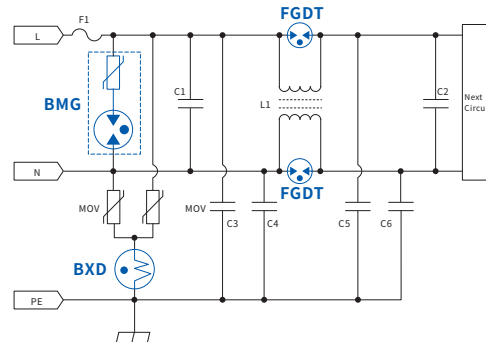
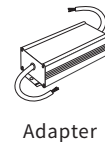
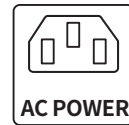
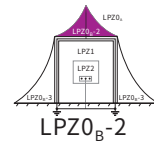
BL封装:2.9x2.1x1.9mm
无铅工艺,支持背贴节省空间



VS 玻璃放电管:浪涌**次数提升100%+**
一致性**更好**,响应速度**更快**
尖峰电压**更低**,无铅工艺**更环保**



应用:AC电源口,并联共模电感两侧,**吸收谐振,降低残压**



Test Level: 1.2/50μs-8/20μs:CM/DM 6kV-3kA



BMG

压敏放电管复合器件
BMG07D-20D
Page 45



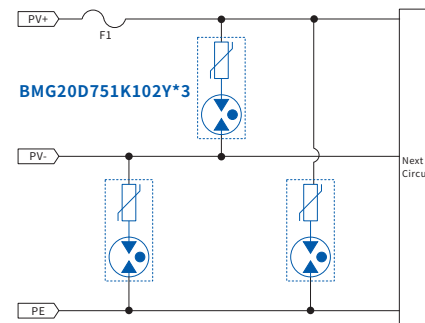
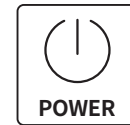
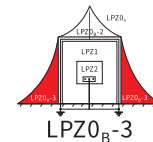
7D~20D全系列封装:引脚兼容压敏封装,实现PIN TO PIN替代



内置GDT作隔离,**防止压敏老化**,可**规避**工频过电压导致的压敏**起火故障**,可替代常规、防爆、阻燃压敏



应用:AC电源口、DC直流口。在残压持平的条件下,可支持**更高的工频输入**电压。
适用于**电网波动较大**以及对**残压有要求**的电源端口



Test Level: 8/20μs:CM/DM 5kA



BXD

特有触发电路放电管
BXD3000SA03M03-D10
Page 41



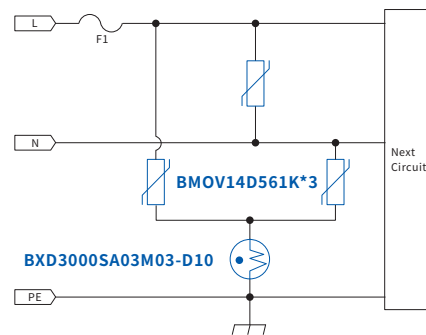
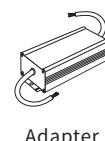
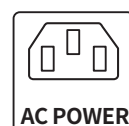
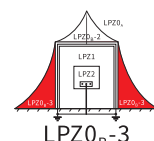
尺寸&通流:8.5x5.5x8.5mm
3kA @ 8/20μs



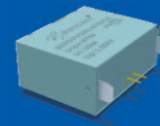
特有触发电路,可实现**高耐压、低残压**,满足**AC耐压2000V,残压<2200V**



应用:AC电源口等场景,可适用于有**安规耐压**要求,有雷击要求且不能拆除放电管的情况



Test Level: 1.2/50μs-8/20μs:CM/DM 6kV-3kA Hipot AC2000V



SPD For PV

光伏浪涌保护器
BSPDPV20K-670H1
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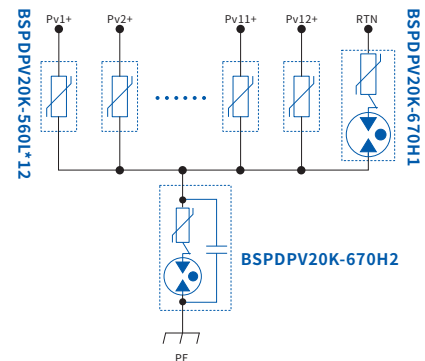
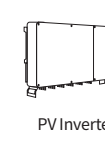
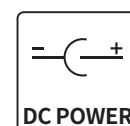
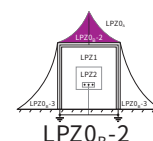
大通流封装:34.2x14.3x30.3mm
10kA @ 8/20μs



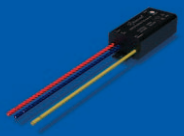
VS 传统方案:串联GDT,**解决压敏极化问题**,**维护成本低**,内置**脱扣装置**,具有**故障告警**功能,**安全系数高**



应用:光伏逆变器场景,可实现较传统方案**残压降30%**,成本**降本20%**,**寿命提升4倍**



Test Level: 8/20μs 10kA



LED SPD

LED浪涌保护器
BSPD277D05LF-01
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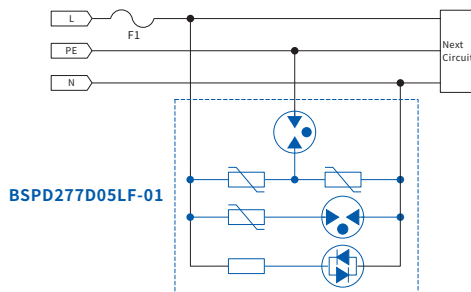
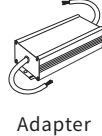
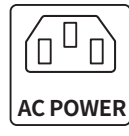
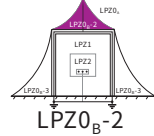
并联型SPD: 69.4x34x21.3mm
10kV-5kA @ 1.2/50-8/20μs
满足LED电源高量级防护需求



紧凑型设计, **全对称**保护模式, 保护水平
低于**1.5kV**, 内置**脱扣失效指示**,
IP65 防水防火外壳



应用: LED驱动器、LED电源等场景,
耐压高, 安装简易



Test Level: Contact: 8/20μs: CM/DM 5kA



SMA 600W

600W SMA封装TVS
BV-6SMAJ15CA-F
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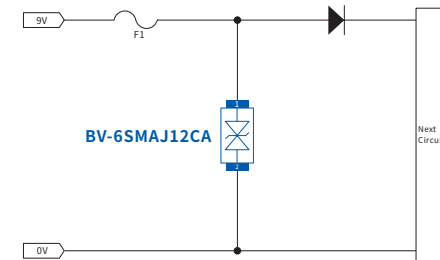
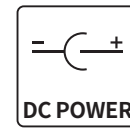
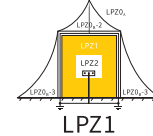
SMA封装: 5.3x2.9x2.5mm
600W @ 10/1000μs, 采用**叠片工艺**制作



VS 常规SMA封装: **功率*1.5倍**
VS 常规SMB封装: **占板面积减小约30%**



应用: 智能穿戴、手持设备等, 兼顾静电和
浪涌防护



Test Level: 1.2/50-8/20μs CM/DM 500V



板载SPD

板载浪涌保护器
BSPD230C20PF-02
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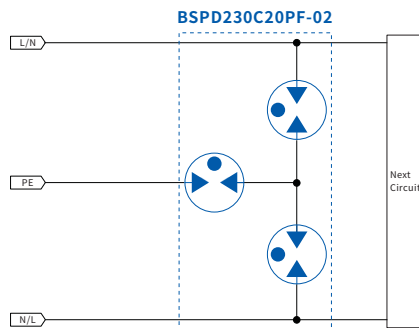
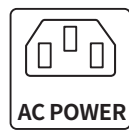
板载式SPD: 38.5x16.4x24mm
20kA @ 8/20μs



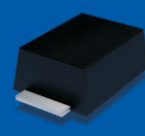
满足**AC320V@500A续流遮断**能力,
全对称的防护模式, 保护水平低于**2kV**



应用: 基站电源、抱杆式电源等, 较传统方案
占板面积减小20%



Test Level: Contact: 8/20μs: CM/DM 20KA



SMBF 3000W

3000W 宽体SMB封装TVS
BV-3SMBF30CA
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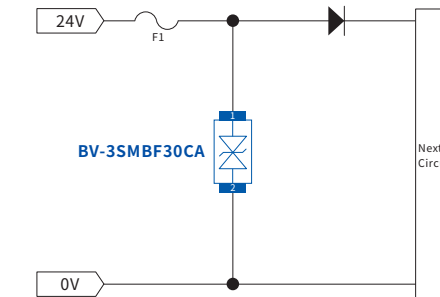
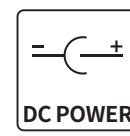
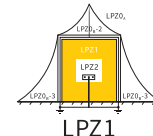
SMB宽体封装: 5.8x4.4x2.8mm
3000W @ 10/1000μs



VS 常规SMB封装: **功率提升400%**
VS 常规SMC封装: **占板面积减小50%**



应用: 安防门禁等场景
小封装, 大功率



Test Level: 1.2/50-8/20μs CM/DM 2kV-1kA



SMK 3kA

3KA通流SMK封装TVS
BV-SMKJ75CA
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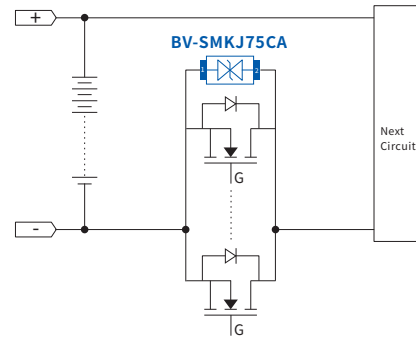
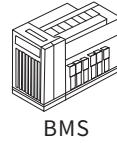
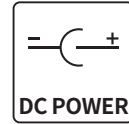
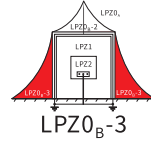
超薄SMK封装:10x8.2x2.2mm
3kA@8/20μs, 适用背贴



IPP (SMK)=5*IPP (5SMD), 较传统方案**占板面积减少60%**



应用:DC48V系统及BMS等场景, 防护MOS管的防反/浪涌/过压等风险



Test Level: 8/20μs CM/DM 4kV-2kA



OTVS 20kA

开路失效TVS
BVO-SMG76CA
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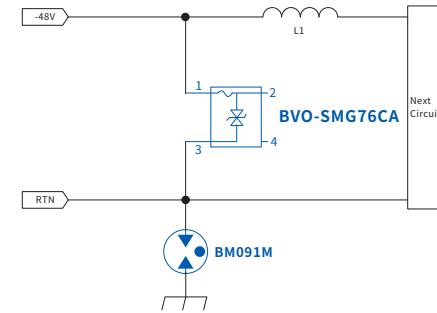
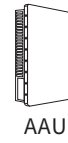
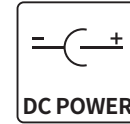
大流通封装:24x23.5x13.8mm
20kA@8/20μs, 满足高功率设备防护需求



一体化注塑、半导体内核、多层芯片叠片设计, 内含**机械脱扣装置 (150A@110Vdc/220Vac) 可靠失效**



应用:**48V直流场景**, 如基站供电、48V储能系统等大电流场景;



Test Level: 8/20μs CM/DM 20kA



TVS+TSS 10kA

10KA通流TVS TSS复合型器件
BVS-SMEJ7675CA
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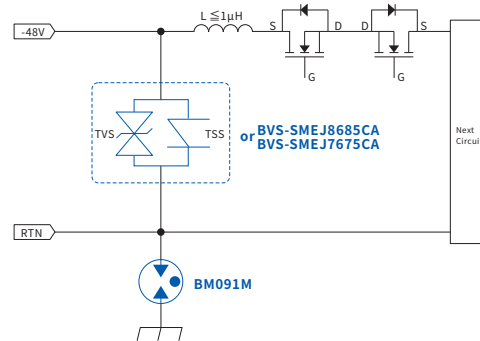
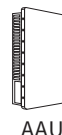
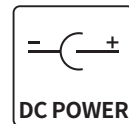
SME封装:18.3x14x7.5mm
10kA@8/20μs



VS PTVS方案: 反向用TSS防护降低雷击残压, 减小负向雷击浪涌时MOS管两端的应力



应用: 基站48VDC供电受电测及电侧防护, 解决了**负向抽电**的问题



Test Level: Contact: 8/20μs DM 10kA



DFN1610 150A

大流通ESD器件
BV-FE05ZF
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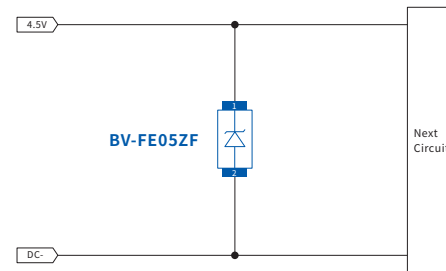
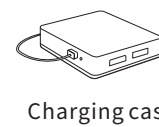
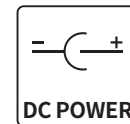
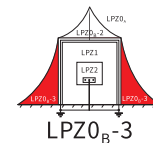
DFN1610封装:1.6x1.0x0.5mm
100A通流量, 1800W功率, 较普通器件提升**30%**



超低负向残压Vc小于13V@150A, 有效降低后级过压损害, **抗静电±30KV**



应用: 充电宝、手机等, 兼顾EOS和静电防护



Test Level: 1.2/50-8/20μs DM 300V-150A

环境分析
Environmental Analysis

▶ Lightning Protect Zone

● LPZ0B-1

P1-2

● LPZ0B-2

P1-2

● LPZ0B-3

P1-2

● LPZ1

P1-2

● LPZ2

P1-2

标准选择
Choose Standard

▶ Test Standards

● ITU-T K.20

P03

● ITU-T K.21

P05

● GR1089

P07

● ISO7637

P09

● ISO16750

P09

● IEC61000-4-5

P10

● IEC61000-4-4

P10

● IEC61000-4-2

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● UL60950

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方案设计
Application Guide

▶ Equipment V Ports

P12

▶ Ports Circuit Design

● AC

P13-16

● DC

P16-22

● RJ11

P22-23

● RJ45

P24-25

● Coaxial

P25-27

● RS485

P27-28

● Alarm

P28-28

● USB

P28-29

● Others

P29-34

器件选择
Select Components

▶ V-I curve

P37

▶ V-t curve

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▶ Datasheet

● GDT

P41

● SPD

P49

● BMG

P53

● MOV

P63

● TSS

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● TVS

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● ESD

P133

● Zener

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方案测试
System Test

▶ Surge Lab

P171

▶ Test Waveforms

● Surge

P171

● EFT

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● ESD

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● Other

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应用优化
Apply & Optimize

▶ Qualification Certifisate

P175

▶ Reliability Lab

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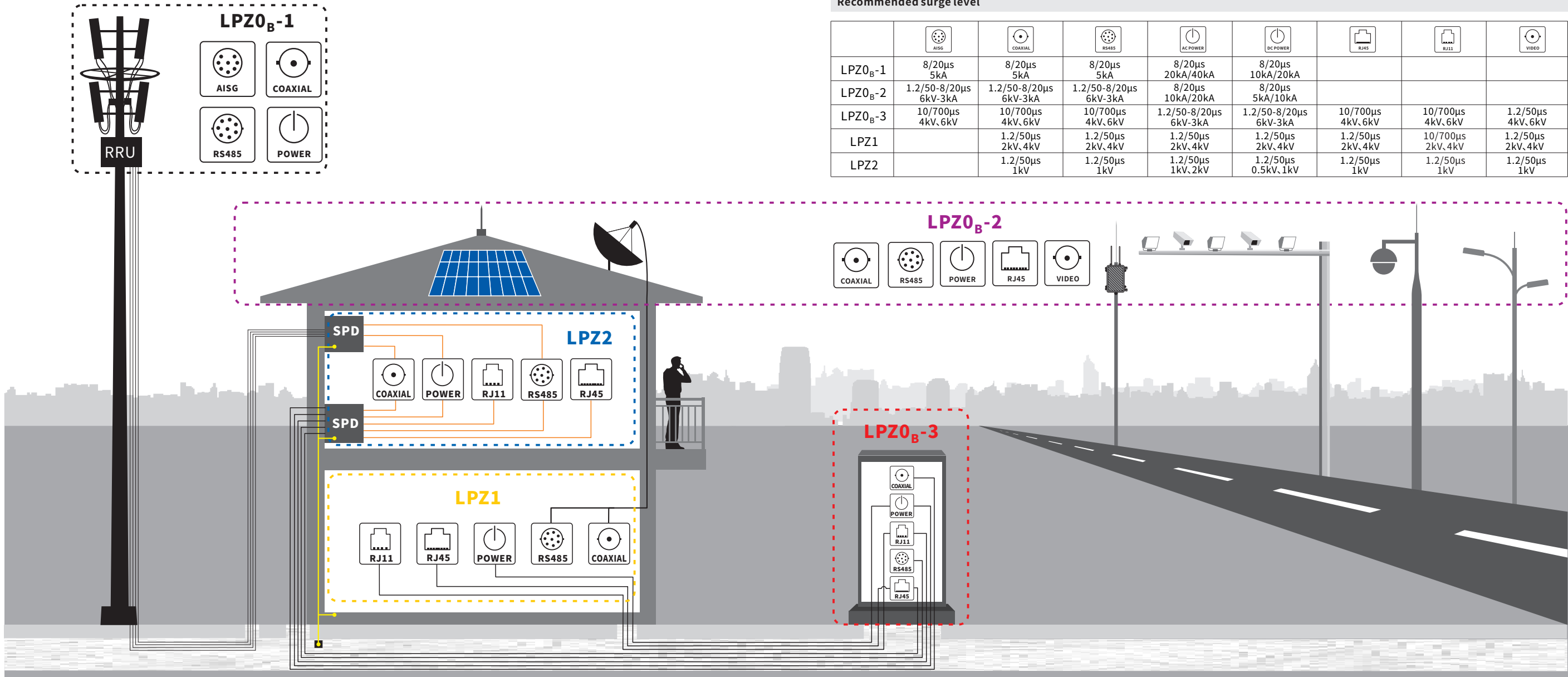
▶ Layout Recommended

● Trace width

P177

● Via

P178



LPZ0_B-1 Application environment on telecom transmission tower

LPZ0_B-2 Outdoor cabinet on rooftops (high speed aerial included)

LPZ0_B-3 General outdoors, walls, hanging bars

LPZ1 Other areas inside building except LPZ0_B classification defined, e.g. passageway, weak current wells, switching room, basement, inside room

LPZ2 To be provided with good line-to-ground connection system and the specific room with primary protection, e.g. inside building, generator room or outdoor container-style mini generator room etc.

ITU-T K.20 (NOV 2022) Resistibility of telecommunication equipment installed in a telecommunication centre voltages and overcurrents											
Table 1a – Applicable tests for external ports											
Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning/ voltage	Single	Transverse/ differential	No	10/700µs 15+25Ω 1kV A.6.1-1 (a and b)	10/700µs 15+25Ω 1.5kV A.6.1-1 (a and b)	1.2/50 – 8/20µs 2Ω 1kV A.6.2-1	1.2/50 – 8/20µs 2Ω 1.5kV A.6.2-1	10/700µs 15+25Ω 1.0kV A.6.3-1 (a and b)	10/700µs 15+25Ω 1.5kV A.6.3-1 (a and b)	1.2/50µs 2Ω 2.5kV A.6.4-1	1.2/50µs 2Ω 6kV A.6.4-1
		Port to earth	No	10/700µs 15+25Ω 1.0kV A.6.1-2	10/700µs 15+25Ω 1.0kV A.6.1-2	n/a		10/700µs 15+25Ω 1.0kV A.6.3-2	10/700µs 15+25Ω 6kV A.6.3-2	1.2/50µs 2Ω 2.5kV A.6.4-2	1.2/50µs 2Ω 6kV A.6.4-2
		Port to external port	No	n/a		n/a		n/a		1.2/50µs 2Ω 2.5kV A.6.4-3	1.2/50µs 2Ω 6kV A.6.4-3
		Coordination/ Transverse/ differential	Yes	10/700µs 15+25Ω 4kV A.6.1-1 (a and b)	10/700µs 15+25Ω 4kV A.6.1-1 (a and b)	11.2/50 – 8/20µs 2Ω 4kV A.6.2-1	11.2/50 – 8/20µs 2Ω 6kV A.6.2-1	10/700µs 15+25Ω 4kV A.6.3-1 (a and b)	10/700µs 15+25Ω 4kV A.6.3-1 (a and b)	1.2/50µs 2Ω 6kV A.6.4-1	1.2/50µs 2Ω 10kV A.6.4-1
		Coordination/ Port to earth	Yes	10/700µs 15+25Ω 4kV A.6.1-2	10/700µs 15+25Ω 4kV A.6.1-2	n/a		10/700µs 15+25Ω 4kV A.6.3-2	10/700µs 15+25Ω 4kV A.6.3-2	1.2/50µs 2Ω 6kV A.6.4-2	1.2/50µs 2Ω 10kV A.6.4-2
		Coordination/ Port to external port	Yes	n/a		n/a		n/a		1.2/50µs 2Ω 6kV A.6.4-3	1.2/50µs 2Ω 10kV A.6.4-3
	Multiple	Port to earth	No	10/700µs 15+25Ω 1.5kV A.6.1-4	10/700µs 15+25Ω 1.5kV A.6.1-4	n/a		n/a		n/a	
		Port to external port	No	n/a		n/a		n/a		n/a	
		Port to earth	Yes	10/700µs 15+25Ω 4kV A.6.1-4	10/700µs 15+25Ω 6kV A.6.1-4	n/a		n/a		n/a	
		Port to external port	Yes	n/a		n/a		n/a		n/a	
Lightning current	Single	Port to earth	No	1.2/50µs 2+10Ω 2.5kV A.6.7-4	1.2/50µs 2+10Ω 6kV A.6.7-4	n/a		n/a		n/a	
		Transverse	No	1.2/50µs 2+10Ω+10Ω 0.6kV A.6.7-5	1.2/50µs 2+10Ω+10Ω 1.5kV A.6.7-5	n/a		n/a		n/a	
		Voltage impulse test	No	1.2/50µs 2+5Ω 2.5kV A.6.7-3a	1.2/50µs 2+5Ω 6kV A.6.7-3a	n/a		n/a		n/a	
		Power over Ethernet (PoE)	No	1.2/50µs 2+10Ω+10Ω 0.6kV A.6.7-2	1.2/50µs 2+10Ω+10Ω 1.5kV A.6.7-2	n/a		n/a		n/a	
	Multiple	Port to earth	No	1.2/50µs 2+10Ω 2.5kV A.6.7-4	1.2/50µs 2+10Ω 6kV A.6.7-4	n/a		n/a		n/a	
		Shield to earth	No	1.2/50µs 2+5Ω 2.5kV A.6.7-6	1.2/50µs 2+5Ω 6kV A.6.7-6	n/a		n/a		n/a	
	Single	Port to earth	No	8/20µs A.6.1-2 1 kA/wire	8/20µs A.6.1-2 5 kA/wire	n/a		8/20µs A.6.3-2 1 kA/wire	8/20µs A.6.3-2 5 kA/wire	n/a	
		Port to external port	No	n/a		n/a		n/a		n/a	
Lightning current	Single	Differential	n/a	n/a		8/20µs A.6.2-1 1 kA	8/20µs A.6.2-1 5 kA	n/a		n/a	
		Shield to earth	n/a	n/a		8/20µs A.6.2-2 Mounted on a tower 4kA Others 2kA	8/20µs A.6.2-2 Mounted on a tower 20kA Others 5kA	n/a		n/a	

Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning current	Single	Shield to external port	n/a	n/a		n/a		n/a		n/a	
	Multiple	Port to earth	n/a	8/20µs A.6.1-4 1 kA/wire limited 6kA	8/20µs A.6.1-4 5 kA/wire limited 30kA	n/a		n/a		n/a	
		Port to external port	n/a	n/a		n/a		n/a		n/a	
Power induction and earth potential rise	Single	Transverse/ differential	No	Transverse/ differential		Understudy		AC600V600Ω A.6.3-1(a and b) t=0.2s		n/a	
		Port to earth	No	AC600V600Ω A.6.1-1(a and b) t=0.2s		n/a		AC600V600Ω A.6.3-2 t=0.2s		5.2.1 under study	
		Port to external port	No	n/a		n/a		n/a		n/a	
		Coordination Transverse	Yes	AC600V600Ω A.6.1-1(a and b) t=1s	AC1500V200Ω A.6.1-1(a and b) t=2s	Understudy		AC600V600Ω A.6.3-1(a and b) t=1s	AC1500V200Ω A.6.3-1(a and b) t=2s	n/a	
		Coordination port to earth	Yes	AC600V600Ω A.6.1-2 t=1s	AC1500V200Ω A.6.1-2 t=2s	n/a		AC600V600Ω A.6.3-2 t=1s	AC1500V200Ω A.6.3-2 t=2s	n/a	
		Coordination port to external port	Yes	n/a		n/a		n/a		n/a	
		Neutral potential rise	Single	Port to earth	No	n/a		n/a		n/a	
Port to external port	No			n/a		n/a		n/a		AC600V200Ω A.6.4-3 t=1s	AC1500V200Ω A.6.4-3 t=1s
Mains power contact	Single	Transverse	No	AC230V10/20/40/80/160/300/600/1000Ω A.6.1-1(a and b) t=15min		n/a		AC230V10/20/40/80/160/300/600/1000Ω A.6.3-1(a and b) t=15min		n/a	
		Port to earth	No	AC230V10/20/40/80/160/300/600/1000Ω A.6.1-2 t=15min		n/a		AC230V10/20/40/80/160/300/600/1000Ω A.6.3-2 t=15min		n/a	
		Port to external port	No	n/a		n/a		n/a		n/a	

Table 1b – Lightning test conditions for ports connected to internal cables															
No. of pairs simultaneously tested	Test connection	Primary protection	Unshielded cable			Shielded cable			PoE feed			DC powered equipment		DC power source	
			Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Single	Shielded cable to earth	No				1.2/50-8/20µs2Ω 1kV A.6.5-2		1.2/50-8/20µs2Ω 1.5kV A.6.5-2							
	Universal serial bus(USB) shielded cable to earth	No				1.2/50-8/20µs2Ω 100V A.6.5-2		1.2/50-8/20µs2Ω 150V A.6.5-2							
	Screen/shield connection high current test	No				1.2/50-8/20µs2Ω+5Ω 2.5kV A.6.7-6	1.2/50-8/20µs2Ω+5Ω 2.5kV A.6.7-6	1.2/50-8/20µs2Ω+5Ω 6kV A.6.7-6							
	Ethernet transverse	No	1.2/50-8/20µs2Ω 2.5kV A.6.7-5	1.2/50-8/20µs2Ω 4kV A.6.7-5	1.2/50-8/20µs2Ω 6kV A.6.7-5	1.2/50-8/20µs2Ω 2.5kV A.6.7-5	1.2/50-8/20µs2Ω 4kV A.6.7-5	1.2/50-8/20µs2Ω 6kV A.6.7-5							
	Twisted pair port transverse/ differential	No	1.2/50-8/20µs2Ω 0.5kV A.6.7-5		1.2/50-8/20µs2Ω 1.5kV A.6.7-5	1.2/50-8/20µs2Ω 0.5kV A.6.7-5		1.2/50-8/20µs2Ω 1.5kV A.6.7-5							
	DC powered equipment port	No										1.2/50-8/20µs 2Ω+10Ω +9µ F1kV A.6.6-1a	1.2/50-8/20µs 2Ω+10Ω +9µ F1.5kV A.6.6-1a		
	DC power source port	No												1.2/50-8/20µs 2Ω+10Ω +9µ F1kV A.6.6-1b	1.2/50-8/20µs 2Ω+10Ω +9µ F1.5kV A.6.6-1b
	Unshielded cable with symmetric pairs	No	1.2/50-8/20µs2Ω+100 1kV A.6.5-1		1.2/50-8/20µs2Ω+100 1.5kV A.6.5-1										
	PoE Mode A and Mode B transverse testing	No							1.2/50-8/20µs2Ω+100 +100Ω.5kV A.6.7-2	11.2/50-8/20µs 2Ω+100 +10 Ω4kV A.6.7-2	1.2/50-8/20µs2Ω+100 +100kV A.6.7-2				
	Ethernet longitudinal common mode withstand test	No	11.2/50-8/20µs2Ω+5Ω 2.5kV A.6.7-3a		1.2/50-8/20µs2Ω+5Ω 6kV A.6.7-3a	11.2/50-8/20µs2Ω+5Ω 2.5kV A.6.7-3a		1.2/50-8/20µs2Ω+5Ω 6kV A.6.7-3a							

ITU-T K.21 (AUG 2022) Resistibility of telecommunication equipment installed in customer premises to voltages and overcurrents											
Table 1a – Applicable tests for external ports											
Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning/ voltage	Single	Transverse/ differential	No	10/700µs 15+250 1.5kV A.6.1-1 (a and b)	10/700µs 15+250 1.5kV A.6.1-1 (a and b)	1.2/50 – 8/20µs 20 1kV A.6.2-1	1.2/50 – 8/20µs 20 1.5kV A.6.2-1	10/700µs 15+250 1.5kV A.6.3-1 (a and b)	10/700µs 15+250 1.5kV A.6.3-1 (a and b)	1.2/50µs 20 2.5kV A.6.4-1	1.2/50µs 20 6kV A.6.4-1
		Port to earth	No	10/700µs 15+250 1.5kV A.6.1-2	10/700µs 15+250 6kV A.6.1-2	n/a		10/700µs 15+250 1.5kV A.6.3-2	10/700µs 15+250 6kV A.6.3-2	1.2/50µs 20 2.5kV A.6.4-2	1.2/50µs 20 6kV A.6.4-2
		Port to external port	No	10/700µs 15+250 1.5kV A.6.1-3	10/700µs 15+250 6kV A.6.1-3	n/a		10/700µs 15+250 1.5kV A.6.3-3	10/700µs 15+250 6kV A.6.3-3	1.2/50µs 20 2.5kV A.6.4-3	1.2/50µs 20 6kV A.6.4-3
		Coordination/ Transverse/ differential	Yes	10/700µs 15+250 4kV A.6.1-1 (a and b)	10/700µs 15+250 6kV A.6.1-1 (a and b)	1.2/50 – 8/20µs 20 4kV A.6.2-1	1.2/50 – 8/20µs 20 6kV A.6.2-1	10/700µs 15+250 4kV A.6.3-1 (a and b)	10/700µs 15+250 6kV A.6.3-1 (a and b)	1.2/50µs 20 6kV A.6.4-1	1.2/50µs 20 10kV A.6.4-1
		Coordination/ Port to earth	Yes	10/700µs 15+250 4kV A.6.1-2	10/700µs 15+250 6kV A.6.1-2	n/a		10/700µs 15+250 4kV A.6.3-2	10/700µs 15+250 6kV A.6.3-2	1.2/50µs 20 6kV A.6.4-2	1.2/50µs 20 10kV A.6.4-2
		Coordination/ Port to external port	Yes	10/700µs 15+250 4kV A.6.1-3	10/700µs 15+250 6kV A.6.1-3	n/a		10/700µs 15+250 4kV A.6.3-3	10/700µs 15+250 6kV A.6.3-3	1.2/50µs 20 6kV A.6.4-3	1.2/50µs 20 10kV A.6.4-3
		Port to earth	No	10/700µs 15+250 1.5kV A.6.1-4	10/700µs 15+250 1.5kV A.6.1-4	n/a		n/a		n/a	
	Multiple	Port to external port	No	10/700µs 15+250 1.5kV A.6.1-5	10/700µs 15+250 1.5kV A.6.1-5	n/a		n/a		n/a	
		Port to earth	Yes	10/700µs 15+250 4kV A.6.1-4	10/700µs 15+250 6kV A.6.1-4	n/a		n/a		n/a	
		Port to external port	Yes	10/700µs 15+250 4kV A.6.1-5	10/700µs 15+250 6kV A.6.1-5	n/a		n/a		n/a	
		Port to earth	No	1.2/50µs 2+100 2.5kV A.6.7-4	1.2/50µs 2+100 6kV A.6.7-4	n/a		n/a		n/a	
	Ethernet unshielded twisted pair (UTP _e)	Transverse/ differential	No	1.2/50µs 2+100 2.5kV A.6.7-5	1.2/50µs 2+100 6kV A.6.7-5	n/a		n/a		n/a	
		Voltage impulse test	No	1.2/50µs 2+50 2.5kV A.6.7-3a	1.2/50µs 2+50 6kV A.6.7-3a	n/a		n/a		n/a	
		Power over Ethernet (PoE)	No	1.2/50µs 2+100 2.5kV A.6.7-2	1.2/50µs 2+100 6kV A.6.7-2	n/a		n/a		n/a	
	Ethernet shielded twisted pair (STP _e)	Shield to earth	No	1.2/50µs 2+50 2.5kV A.6.7-6	1.2/50µs 2+50 6kV A.6.7-6	n/a		n/a		n/a	
		Port to earth	No	1.2/50µs 2+100 2.5kV A.6.7-4	1.2/50µs 2+100 6kV A.6.7-4	n/a		n/a		n/a	
Lightning current	Single	Port to earth	No	8/20µs A.6.1-2 1 kA/wire	8/20µs A.6.1-2 5 kA/wire	n/a		8/20µs A.6.3-2 1 kA/wire	8/20µs A.6.3-2 5 kA/wire	n/a	
		Port to external port	No	8/20µs A.6.1-3 1 kA/wire	8/20µs A.6.1-3 5 kA/wire	n/a		8/20µs A.6.3-3 1 kA/wire	8/20µs A.6.3-3 5 kA/wire	n/a	
	Multiple	Port to earth	No	8/20µs A.6.1-4 1 kA/wire limited 6kA 1.2/50µs 2+50 2.5kV A.6.7-3a	8/20µs A.6.1-4 5 kA/wire limited 30kA 1.2/50µs 2+50 6kV A.6.7-3a	n/a		n/a		n/a	
		Port to external port	No	8/20µs A.6.1-5 1 kA/wire limited 6kA	8/20µs A.6.1-5 5 kA/wire limited 30kA	n/a		n/a		n/a	
		Transverse/ differential	n/a	n/a		8/20µs A.6.2-1 1 kA	8/20µs A.6.2-1 5 kA	n/a		n/a	

Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning current	Multiple	Shield to earth	n/a	n/a		8/20µs A.6.2-2 Mounted on a tower 4kA Others 2kA	8/20µs A.6.2-2 Mounted on a tower 20kA Others 5kA	n/a		n/a	
		Shield to external port	n/a	n/a		8/20µs A.6.2-3 Mounted on a tower 4kA Others 2kA	8/20µs A.6.2-3 Mounted on a tower 20kA Others 5kA	n/a		n/a	
Power induction and earth potential rise	Single	Transverse/ differential	No	AC600V6000 A.6.1-1(a and b) t=0.2s		Understudy		AC600V6000 A.6.3-1(a and b) t=0.2s		n/a	
		Port to earth	No	AC600V6000 A.6.1-2 t=0.2s		n/a		AC600V6000 A.6.3-2 t=0.2s		5.2.1 under study	
		Port to external port	No	AC600V6000 A.6.1-3 t=0.2s		n/a		AC600V6000 A.6.3-3 t=0.2s		5.2.1 under study	
		Coordination Transverse/ differential	Yes	AC600V6000 A.6.1-1(a and b) t=1s	AC1500V2000 A.6.1-1(a and b) t=2s	Understudy		AC600V6000 A.6.3-1(a and b) t=1s	AC1500V2000 A.6.3-1(a and b) t=2s	n/a	
		Coordination port to earth	Yes	AC600V6000 A.6.1-2 t=1s	AC1500V2000 A.6.1-2 t=2s	n/a		AC600V6000 A.6.3-2 t=1s	AC1500V2000 A.6.3-2 t=2s	n/a	
		Coordination port to external port	Yes	AC600V6000 A.6.1-3 t=1s	AC1500V2000 A.6.1-3 t=2s	n/a		AC600V6000 A.6.3-3 t=1s	AC1500V2000 A.6.3-3 t=2s	n/a	
Neutral potential rise	Single	Port to earth	No	n/a		n/a		n/a		AC600V6000 A.6.4-2 t=1s	AC1500V2000 A.6.4-2 t=1s
		Port to external port	No	n/a		n/a		n/a		AC600V6000 A.6.4-3 t=1s	AC1500V2000 A.6.4-3 t=1s
Mains power contact	Single	Transverse/ differential	No	AC230V10/20/40/80/160/300/600/10000 A.6.1-1(a and b) t=15min		n/a		AC230V10/20/40/80/160/300/600/10000 A.6.3-1(a and b) t=15min		n/a	
		Port to earth	No	AC230V10/20/40/80/160/300/600/10000 A.6.1-2 t=15min		n/a		AC230V10/20/40/80/160/300/600/10000 A.6.3-2 t=15min		n/a	
		Port to external port	No	AC230V10/20/40/80/160/300/600/10000 A.6.1-3 t=15min		n/a		AC230V10/20/40/80/160/300/600/10000 A.6.3-3 t=15min		n/a	
		Ethernet port	No	A.6.7-3 500V DC 大于2MΩ							

Table 1b – Lightning test conditions for ports connected to internal cables													
No. of pairs simultaneously tested	Test connection	Primary protection	Unshielded cable			Shielded cable			PoE feed			DC powered equipment	
			Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Intermediate test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Single	Shielded cable to earth	No				1.2/50-8/20µs20 1kV A.6.5-2		1.2/50-8/20µs20 1.5kV A.6.5-2					
	USB shielded cable to earth	No				1.2/50-8/20µs20 100V A.6.5-2		1.2/50-8/20µs20 150V A.6.5-2					
	Screen/shield connection high current test	No				1.2/50-8/20µs20+50 2.5kV A.6.7-6	1.2/50-8/20µs20 +50 4kV A.6.7-6	1.2/50-8/20µs20+ 50 6kV A.6.7-6					
	Ethernet transverse/ differential	No	1.2/50-8/20µs20 2.5kV A.6.7-5	1.2/50-8/20µs20 4kV A.6.7-5	1.2/50-8/20µs20 6kV A.6.7-5	1.2/50-8/20µs20 2.5kV A.6.7-5	1.2/50-8/20µs20 4kV A.6.7-5	1.2/50-8/20µs20 6kV A.6.7-5					
	Twisted pair port transverst/ differential	No	1.2/50-8/20µs20 1kV A.6.7-5		1.2/50-8/20µs20 1.5kV A.6.7-5	1.2/50-8/20µs20 1kV A.6.7-5		1.2/50-8/20µs20 1.5kV A.6.7-5					
	DC powered equipment port	No										1.2/50-8/20µs 20+100 +9µF 1kV A.6.6-1a	1.2/50-8/20µs 20+100 +9µF 1.5kV A.6.6-1a
	DC power source port	No											1.2/50-8/20µs 20+100 +9µF 1kV A.6.6-1b
Multiple	Unshielded cable with symmetric pairs	No	1.2/50-8/20µs20+ 100 1kV A.6.5-1		1.2/50-8/20µs20+ 100 1.5kV A.6.5-1								
	PoE Mode A and Mode B transverse/ differential testing	No							B1.2/50-8/20µs20 +100+100kV A.6.7-2	1.2/50-8/20µs20+ 100+100kV A.6.7-2	1.2/50-8/20µs 20+100 +9µF 6kV A.6.7-2		
	Ethernet longitudinal withstand test	No	1.2/50-8/20µs20+ 50 2.5kV A.6.7-3a	1.2/50-8/20µs20+ 50 4kV A.6.7-3a	1.2/50-8/20µs20+ 50 6kV A.6.7-3a								

GR1089-2:(2017) Electromagnetic Compatibility (EMC) and Electrical Safety - Generic Criteria for Network Telecommunications Equipment

First-Level Lightning Surge								
Surge Test Number	Port Types	Test Description	Min.Peak Open-CircuitVoltage (Volts)	Min. Peak Short-Circuit Current per Conductor (Amperes)	Surge Maximum Rise/Minimum Decay Timefor Voltage and Current(μs)	Value of External Non-Inductive Resistors	Repetitions Each Polarity	Test Connections
1	1,3,3b/5b,5	Multiport OSP Test	±1000	25	10/360	N/A	5	Up to 24conductors
1.1	3b/5b	Short Loop OSP Interface	±1000	25	10/360	N/A	5	A
1.2	3b/5b	Short Loop OSP Interface - with Secondary Protectors	±Vs	25(at 1000 V)	10/360	N/A	5	A
1.3	3b/5b	Multi-port Short Loop OSP Interface w/o Primary Protection						
2	1,3,5	OSP Interface	±100 to ±1000	10(at 100 V)to 100(at 1000 V)	10/1000	N/A	5 at each voltage increment	A
2.1	1,3,5	Extended OSP Interface	±100 to ±2000	10(at 100 V)to 100(at 2000 V)	10/1000	N/A	5 at each voltage increment	A
2.2	1,3,5	OSP Interface-with SecondaryProtectors	±Vs	100(at 1000 V)	10/1000	N/A	5	A
3	1,3,5,3a/5a,3b/5b,	Gas Tube Interaction Test	±4000	SeeFigure 4-6	10/700 voltage 5/320 current	25	5	(A5 and A6) or B
4	1,3,5	Inductive Kick Test for OSP Interfaces	±1500	300	2/10	N/A	10	See Figure 4-1
5	3,3b/5b,5	Fast Rise Time Test for Remote OSP Interfaces	±1000	200	2/10	N/A	5	A
6	3,5	Higher Ground Resistancefor Remote OSP Interfaces-Longitudinal	±1000	100	10/1000	N/A	5	A5, A6
7	3,5	High Lightning ExposureTest for Remote OSP Inter faces	±400 to ±4000	50 (at 400 V) to 500(at 4000 V)	10/250	N/A	5 at each voltage increment	B
8	2,3a/5a,4,4a	Intra-Building with up to2 Pairs per Port (Metallic)	±800	100	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
8.1	2,3a/5a,4,4a	Intra-Building with Secondary Protectors up to 2 Pairs per Port (Metallic)	±Vs	100 (at 800 V)	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
9	2,4,4a	Intra-Building with up to2 Pairs per Port (Longitudinal)	±1500	100	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
9.1	2,4,4a	Intra-building with Secondary Protectors up to 2 Pairs per Port (Longitudinal)	±Vs	100 (at 1500 V)	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
10	2,3a/5a,4,4a	Alternative Intra-Building for up to 2 Pairs per Port (Metallic)	±800	400	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
10.1	2,3a/5a,4,4a	Alternative Intra-Building with Secondary Protectors up to 2 Pairs per Port (Metallic)	±Vs	Vs/2	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
11	2,4,4a	Alternative Intra-Building up to 2 Pairs per Port (Longitudinal)	±1500	750	1.2/50-8/20	10	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
11.1	2,4,4a	Alternative Intra-Building Undervoltage up to 2 Pairs per Port(Longitudinal)	±Vs	Vs/2	1.2/50-8/20	10	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
12	2,3a/5a,4,4a	Intra-Building for 3 or 4 Pairs per Port (Metallic)	±800	400	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
12.1	2,3a/5a,4,4a	Intra-Building with Secondary Protectors, 3 or 4 Pairs per Port (Metallic)	±Vs	Vs/2	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
13	2,4,4a	Intra-Building 3 or 4 Pairs per Port (Longitudinal)	±1500	750	1.2/50-8/20	20	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B

Surge Test Number	Port Types	Test Description	Min.Peak Open-CircuitVoltage (Volts)	Min. Peak Short-Circuit Current per Conductor (Amperes)	Surge Maximum Rise/Minimum Decay Timefor Voltage and Current(μs)	Value of External Non-Inductive Resistors	Repetitions Each Polarity	Test Connections
13.1	2,4,4a	Intra-Building Undervoltage 3 or 4 Pairs per Port (Longitudinal)	±Vs	Vs/2	1.2/50-8/20	20	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
14	2,3a/5a,4,4a	Intra-Building for > 4 Pairs per Port(Metallic)	±800	400	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
14.1	2,3a/5a,4,4a	Intra-Building with Secondary Protectors, > 4 Pairs per Port (Metallic)	±Vs	Vs/2	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
15	2,4,4a	Intra-Building for > 4 Pairs per Port(Longitudinal)	±1500	750	1.2/50-8/20	40	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
15.1	2,4,4a	Intra-Building with Secondary Protectors for > 4 Pairs per Port(Longitudinal)	±Vs	Vs/2	1.2/50-8/20	40	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
16	2,3a/5a,4,4a	Intra-Building for Paired Shielded Cables	±1500	750	1.2/50-8/20	2	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	See Figure 4-12
17	2,3a/5a,4,4a	Intra-Building for Coaxial	±1500	750	1.2/50-8/20	3	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	See Figure 4-13
18	4a	Customer Side ONT Interfaces	±1000	100	10/1000	N/A	5	A5, A6
18.1	4a	Customer Side ONT Interfaces	±6000	3000	1.2/50-8/20	N/A	5	B
19	6	Antenna Port Test	±600	300	1.2/50-8/20	N/A	5	Center conductor to shield
19.1	6	Antenna Port with Secondary Protector Test	±Vs	300(at 600 V)	1.2/50-8/20	N/A	5	Center conductor to shield
20	7	AC Power Port Test with External SPD	±2000	1000	1.2/50-8/20	N/A	5	Phase to neutral, phase to ground, neutral to ground
21	7	AC Power Port Test with External SPD	±6000	3000	1.2/50-8/20	N/A	5	Phase to neutral, phase to ground, neutral to ground
22	8a	Tower Mounted Transceiver Fed with Remote DC Power Test (Longitudinal)	±6000	Minimum peak short-circuit current per port is 3000 A.	1.2/50-8/20	N/A	5	See Figure 4-15. Feed and return to shield simultaneously
23	8,8b	DC Power port	±2500	Minimum peak short-circuit current per port is 5000 A.	1.2/50-8/20	N/A	5	B
1=CO OSP Cable Ports, 2=CO Intra-building Cable Ports, 3=Customer Location OSP Cable Ports, 3a/5a=Intra-Cell Site Cable Ports, 3b/5b=Short Reach OSP Cable Ports, 4=Non-CO Intra-Building Ports, 4a=Customer-Side Optical Network Terminals (ONTs) and Intelligent Network Interface Devices (iNIDs) Cable Ports, 5=OSP Site OSP Cable Ports, 6=Antenna Ports, 7=AC Power Ports,8=DC Power Ports, 8a=DC Power to Antenna, 8b=Intra-Cell Site DC Power								

Second-Level Lightning Surge							
Surge Test Number	Port Types	Test Description	Min.Peak Open -Circuit Voltage(Volts)	Min. Peak Short-Circuit Current per Conductor (Amperes)	Surge Maximum Rise/Minimum DecayTimefor Voltageand Current(μs)	Repetitions Each Polarity	Test Connections
1	1,3,5	Inductive Kick Test for OSP Interfaces	±5000	500	2/10	1	See Figure 4-2
2	7	Lightning to AC Power Port	±6000	3000	1.2/50-8/20	1	Phase conductors to neutral, phase conductors to ground, neutral conductor to ground
1=CO OSP Cable Ports, 3=CO Intra-building Cable Ports, 5=OSP Site OSP Cable Ports, 7=AC Power Ports,							

ISO7637-2:2011 Road vehicles --Electrical disturbances from conduction and coupling--Part 2: Electrical transient conduction along supply lines only										
Examples of test pulse severity levels for nominal 12V and 24V system										
Test pulse ^a	Selected test level ^b	Test pulse severity level,Us ^{c,d} (V)						Min.number of pulses or test time	Burst cycle/pulse repetition tim ^e	
		IV		III		I/II				
		12	24	12	24	12	24		min.	max.
1		-150	-600	-112	-450	-75	-300	500Pulses	0.5s	e
2a		+112	+112	+55	+55	+37	+37	500Pulses	0.2s	5s
2b		+10	+20	+10	+20	+10	+20	10Pulses	0.5s	5s
3a		-220	-300	-165	-220	-112	-150	1h	90ms	100ms
3b		+150	+300	+112	+220	+75	+150	1h	90ms	100ms
a: Test pulses as in 5.6 b: Values agreed between vehicle manufacturer and equipment supplier. c: The amplitudes are the values of Us as defined for each test pulse in 5.6. d: The former levels I and II are revised because they did not ensure sufficient immunity in subsequent road vehicles' design. e: The maximum pulse repetition time shall be chosen such that it is the minimum time for the DUT to be correctly initialized before the application of the next pulse and shall be ≥0.5S.										
ISO16750-2:2023 Road vehicles -- Environmental conditions and testing for electrical and electronic equipment -- part 2: electrical loads										
Starting profile values for systems with 12V and 24V nominal voltage										
Parameter		Level								
		I		II		III		IV		
		12V	24V	12V	24V	12V	24V	12V		
Voltage V	Us6	8(-0.2)	10(-0.2)	4.5(-0.2)	8(-0.2)	3(-0.2)	6(-0.2)	6(-0.2)		
	Us	9.5(-0.2)	20(-0.2)	6.5(-0.2)	15(-0.2)	5(-0.2)	10(-0.2)	6,5(-0.2)		
Duration ms	tf	5(±0.5)	10(±1)	5(±0.5)	10(±1)	5(±0.5)	10(±1)	5(±0.5)		
	t1	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)		
	t2	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)		
	t3	1000(±100)	1000(±100)	10000(±1000)	1000(±100)	1000(±100)	1000(±100)	10000(±1000)		
	tr	40(±4)	40(±4)	100(±10)	100(±10)	100(±10)	40(±10)	100(±10)		
Minimum functional status		A ^a	A ^e	B ^a	B ^e	B ^a	B ^e	A ^a		
		A ^b	B ^f	B ^b	C ^f	C ^b	C ^f	B ^b		
		B ^c	B ^g	C ^c	C ^g	C ^c	C ^g	C ^c		
		B ^d	B ^h	C ^d	C ^h	C ^d	C ^h	C ^d		
a: Usmin = 6 V; Usmax = 16 V (see Table 1, Code A). b: Usmin = 8 V; Usmax = 16 V (see Table 1, Code B). c: Usmin = 9 V; Usmax = 16 V (see Table 1, Code C). d: Usmin = 10.5 V; Usmax = 16 V (see Table 1, Code D).					e: Usmin = 10 V; Usmax = 32 V (see Table 2, Code E). f: Usmin = 16 V; Usmax = 32 V (see Table 2, Code F). g: Usmin = 22 V; Usmax = 32 V (see Table 2, Code G). h: Usmin = 18 V; Usmax = 32 V (see Table 2, Code H).					
Pulse for test A in systems with 12 V and 24 V nominal voltage										
Parameter		Type of system					Minimum test requirements			
		UN=12V			UN=24V					
Us ^a (V)		79≤Us≤101			151≤Us≤202		10 pulses at 1 min intervals			
Ri ^a (Ω)		0.5≤Ri≤4			1≤Ri≤8					
td (ms)		40≤td≤400			100≤td≤350					
td (ms)		10(0.5)			10(0.5)					
a: If not otherwise agreed, use the higher voltage level with the higher value for internal resistance, or use the lower voltage level with the lower value for internal resistance.										

IEC61000-4-5:2014 Electromagnetic compatibility (EMC) –Part 4-5: Testing and measurement techniques – Surge immunity test																				
Installation class	Test levels (kV)																			
	AC power supply and a.c. I/O				DC power supply and d.c. I/O				Unsymmetrical operated circuits/lines ^{a,d,e}				Symmetrical operated circuits/lines ^{a,d,e}				Shielded circuits/lines ^{a,d,f}			
	External ports ^a		Internal ports ^{a,d}		External ports ^a		Internal ports ^{a,d}		External port		Internal port		External port		Internal port		External port		Internal port	
	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground	Line to line	Line to ground
0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
1	/	0.5	/	/	/	/	/	/	/	/	/	0.5	/	/	/	0.5	/	/	/	/
2	0.5	1.0	/	/	/	/	/	/	/	/	0.5	1.0	/	/	/	1.0	/	/	/	0.5
3	1.0	2.0	1.0	2.0	/	/	/	/	/	/	1.0	2.0	/	/	/	2.0	/	/	/	2.0
4	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	/	4.0 ^b	/	4.0 ^b	/	4.0 ^b	/	4.0 ^b
5	^{c,b}	^{c,b}	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	2.0 ^b	4.0 ^b	/	4.0 ^b	/	4.0 ^b	/	4.0 ^b	/	4.0 ^b
a: No test is advised if the cable length is shorter than or equal to 10 m. b: Where the port is always intended to be used with specified primary protection, testing is performed with the primary protection in place to ensure coordination with the protection elements. If primary protection is required to protect the interface but not provided, testing is also performed at the maximum let through level of the specified primary protection and with a typical primary protector. c: Depends on the class of the local power supply system. d: The testing of intra-system ports is generally not required. e: Line-to-line surges (transverse) may occur in networks where SPDs (surge protective devices) with connection to ground are used for protection. Such surges are outside the scope of this standard. This phenomenon can however be simulated by applying common mode surges through the defined primary protection elements. f: The testing of ports connecting to antennas is outside the scope of this standard.																				
IEC61000-4-4:2012 Electromagnetic compatibility (EMC) – Part 4-4:Testing and measurement techniques – Electrical fast transient/burst immunity test																				
Open circuit output test voltage and repetition frequency of the impulses																				
Level	Power ports, earth port (PE)										Signal and control ports									
	Voltage peak kV					Repetition frequency kHz					Voltage peak kV					Repetition frequency kHz				
1	0.5					5 or 100					0.25					5 or 100				
2	1					5 or 100					0.25					5 or 100				
3	2					5 or 100					1					5 or 100				
4	4					5 or 100					2					5 or 100				
X ^a	Special					Special					Special					Special				
The use of 5 kHz repetition frequency is traditional, however, 100 kHz is closer to reality. Product committeesshould determine which frequencies are relevant for specific products or product types. With some products, there may be no clear distinction between power ports and signal ports, in which case it is up to product committees to make this determination for test purposes. a: "X" can be any level, above, below or in between the others. The level shall be specified in the dedicatedequipment specification.																				

IEC61000-4-2:2008 Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test

Contact discharge		Air discharge	
Level	Test voltage kV	Level	Test voltage kV
1	2	1	2
2	4	2	4
3	6	3	8
4	8	4	15
x ^a	Special	x ^a	Special
a: "x" can be any level, above, below or in between the others. The level shall be specified in the dedicated equipment specification. If higher voltages than those shown are specified, special test equipment may be needed.			

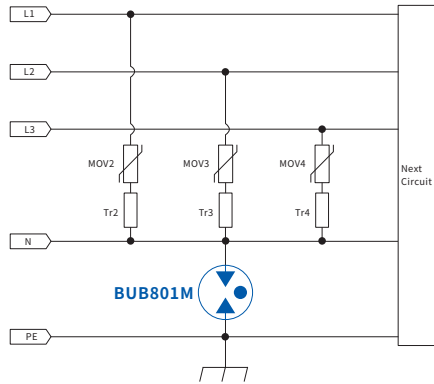
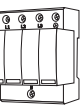
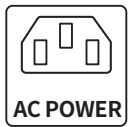
UL60950-1:2019 Information Technology Equipment – Safety – Part 1: General Requirements

Test voltages for electric strength tests based on peak working voltages part 1							
Grade of insulation	Points of application (as appropriate)						
	PRIMARY CIRCUIT to BODY PRIMARY CIRCUIT to SECONDARY CIRCUIT between Parts in PRIMARY CIRCUIT					SECONDARY CIRCUIT to BODY between independent SECONDARY CIRCUITS	
	WORKING VOLTAGE V _{PEAK} OR DC					WORKING VOLTAGE V	
	U ≤ 210V _{peak} or d.c. ²⁾	210V < U ≤ 420V _{peak} or d.c.3)	420 < U ≤ 1.41kV _{peak} or d.c.	1.41kV < U ≤ 10kV _{peak} or d.c. ⁴⁾	10kV < U ≤ 50kV _{peak} or d.c.	U ≤ 42.4V _{peak} or 60V d.c.	42.4V _{peak} or 60Vd.c. < U ≤ 10kV _{peak} or d.c. ⁵⁾
	Test voltage, volts r.m.s.1)						
FUNCTIONAL	1000	1500	See Va in table 5B, Part2	See Va in table 5B, Part2	1.06U	500	See Va in table 5B, Part2
BASIC, SUPPLEMENTARY	1000	1500	See Va in table 5B, Part2	See Va in table 5B, Part2	1.06U	no test	See Va in table 5B, Part2
REINFORCED	2000	3000	3000	See Vb in table 5B, Part2	1.06U	no test	See Vb in table 5B, Part2
1) For WORKING VOLTAGES exceeding 10kV peak or d.c. in SECONDARY CIRCUITS, the same test voltage as for PRIMARY CIRCUITS apply. 2) Use this column for unearthed DC MAINS SUPPLIES up to and including 210V d.c.. 3) Use this column for unearthed DC MAINS SUPPLIES over 210V d.c. up to and including 420V d.c.. 4) Use this column for unearthed DC MAINS SUPPLIES over 420V d.c.. 5) Use these columns for d.c. derived within the equipment from an AC MAINS SUPPLIES, or for DC MAINS SUPPLIES that are earthed within the same building.							

Equipment V Ports

Trade	Equipment	Port								
		RJ11	RJ45	RS485	AC	DC	HDMI	USB	Coaxial	ECGcable
Telecommunication	xDSL moden	●	●			●				
	Cable moden		●			●			●	
	Telephone	●								
	Splitter	●								
	Router		●			●				
	RRU		●	●	●	●				
	Corded Phone	●								
	Cordless Phone	●				●				
	IP Phone	●				●				
	Micro Power Cell Base Station	●	●		●	●				
	VoIP Telephone Adapter	●								
	Wireless LAN Access Point		●		●	●				
	BBU		●	●	●	●				
	Telephone switchboard	●			●					
	Network switch		●		●					
	NXU IAD VOIP PSTN	●	●		●	●				
Consumer Electronics	Television		●		●		●	●	●	
	Personal computer		●		●	●	●	●		
	Printer	●	●		●			●		
	Set top box		●				●	●	●	
	Digital Multimedia Broadcast Receiver				●	●	●	●	●	
	Digital Still and Video Camera				●	●	●	●		
	DVD Player and Recorder				●	●	●	●		
	LCD Projector		●		●	●	●	●		
Industrial	LCD TV		●		●	●	●	●		
	LED driver				●	●				
	POS	●	●			●				
	Parking management		●	●	●	●				
	Outdoor LED Lighting				●					
	Power Line Network			●	●					
	Power Supply				●					
	Satellite Radio				●	●				
	SMPS Embedded				●					
	SMPS External				●					
	Clothes Dryer				●					
	Dishwasher				●					
	Electric Inductive Cooktop				●					
	Electric Range Oven				●					
	Electric Resistive Cooktop				●					
	Gas Cooktop				●					
	Gas Range Oven				●					
	Microwave Oven				●					
	Range Hood				●					
	Refrigerator				●					
	Room AC				●					
	Solar Power System (Residential)			●	●					
	Washing Machine				●					
Security	Camera		●	●	●	●	●	●	●	
	NVR/DVR		●	●	●		●	●	●	
Medical	ECG monitor				●					●
Automobile	Navigator					●		●		
	Body control system					●				
	Audio and video entertainment system					●	●			
	Automobile air-condition					●				
	Display instrument					●				

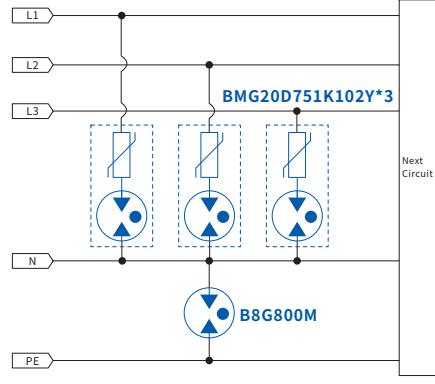
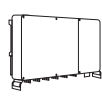
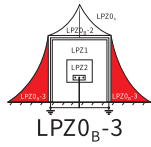
AC 380V For SPD



Test Level: 8/20μs CM/DM 20kA

**BUB801M**
Φ16x4.6mm
Page 47

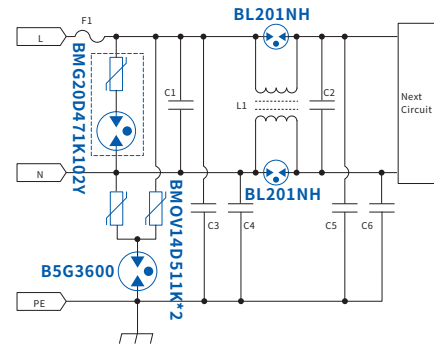
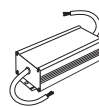
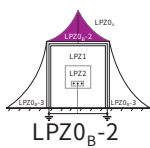
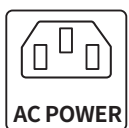
AC 380V PV



Test Level: 8/20μs CM/DM 5kA

**BMG20D751K102Y*3**
Φ23.0x12.8mm
Page 61**B8G800M**
Φ8.0x6.0mm
Page 45

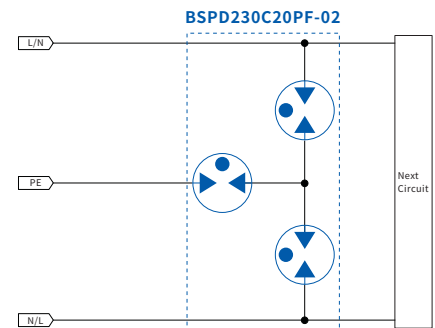
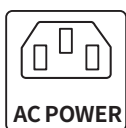
AC 90-305V



Test Level: 1.2/50-8/20μs DM/10kV-5kA CM/10kV-850A

**BMG20D471K102Y**
Φ23x25x10mm
Page 61**BMOV14D511K*2**
Φ18x13.5mm
Page 67**B5G3600**
Φ5.5x6mm
Page 45**BL201NH**
2.9x2.1x1.9mm
Page 41

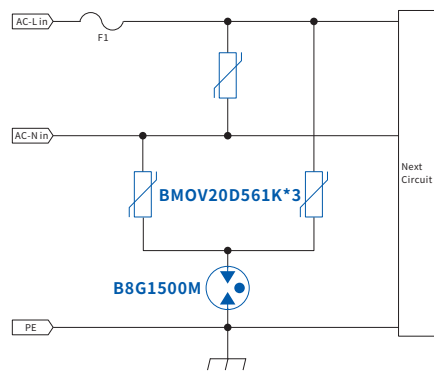
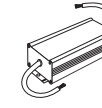
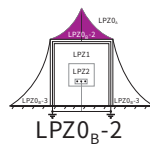
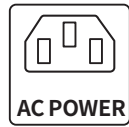
AC 90-264V



Test Level: 8/20μs CM/DM 20kA

**BSPD230C20PF-02**
38.5x16.4x24mm
Page 49

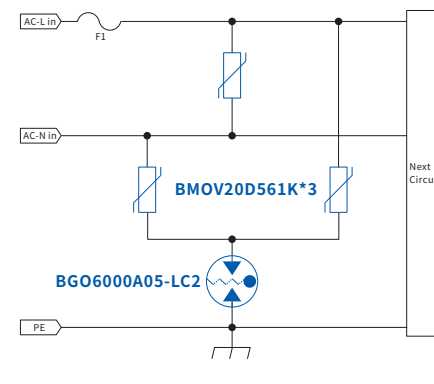
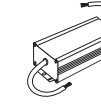
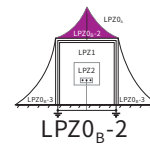
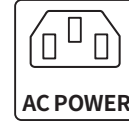
AC 90-264V



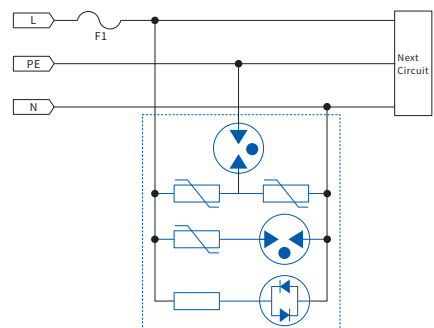
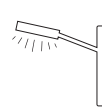
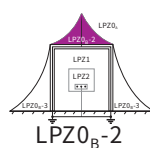
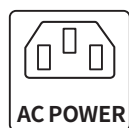
Test Level: 1.2/50μs-8/20μs CM/DM10kV-5kA

**B8G1500M**
Φ8.0x6.0mm
Page 45**BMOV14D561K*3**
Φ23.0x12.8mm
Page 67

AC 90-264V

Test Level: 1.2/50-8/20μs CM/DM 10kV-5kA **Failsafe****BMOV20D561K*3**
26x23x6.5mm
Page 69**BGO6000A05-LC2**
Φ8.0x7.0mm
Page 47

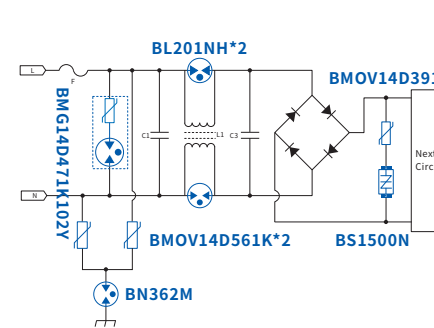
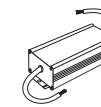
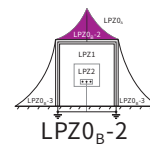
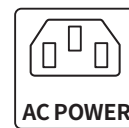
AC 90-264V



Test Level: 1.2/50-8/20μs CM/DM10kV-5kA

**BSPD277D05LF-01**
69.4x34x21mm
Page 49

AC 90-264V



Test Level: 1.2/50-8/20μs CM/DM 6kV-3kA Hipot AC1875V

**BMG14D471K102Y**
Φ18x13.5mm
Page 59**BMOV14D391K**
Φ18x13.5mm
Page 67**BN362M**
5.5x4x4mm
Page 43**BS1500N**
5.5x3.8x2.6mm
Page 89

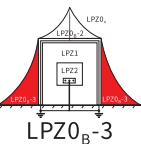
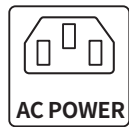
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

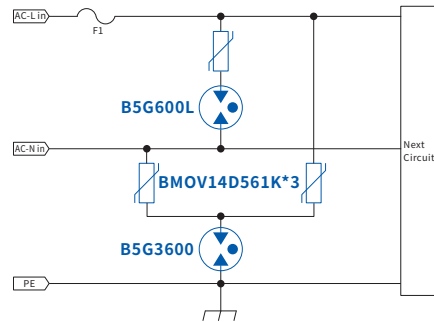
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

AC 90-264V



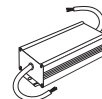
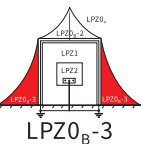
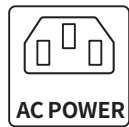
Adapter



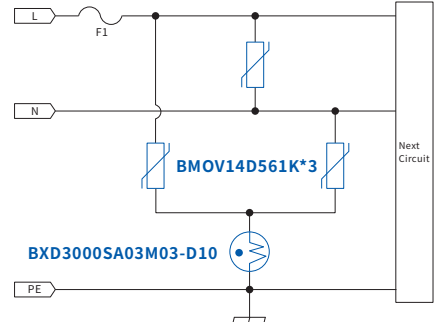
Test Level: 1.2/50-8/20μs CM/DM 6kV-3kA Hipot AC1875V

BMOV14D561K*3
Φ18.0x13.5mm
Page 67B5G600L
Φ5.5x6.0mm
Page 45B5G3600
Φ5.5x6.0mm
Page 67

AC 90-264V



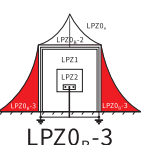
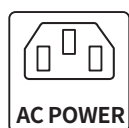
Adapter



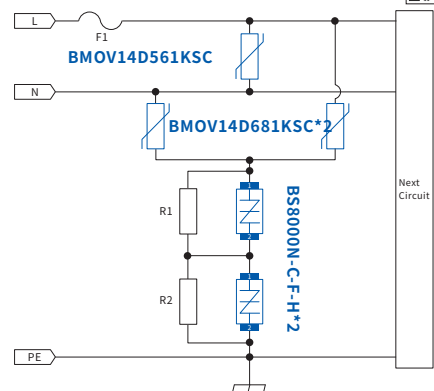
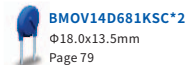
Test Level: 1.2/50-8/20μs CM/DM 6kV-3kA Hipot AC2000V

BMOV14D561K*3
Φ18.0x13.5mm
Page 45BXD3000SA03M03-D10
8.5x7.5x8.5mm
Page 47

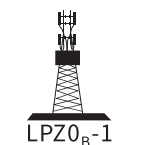
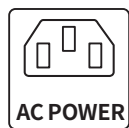
AC 90-264V NEW



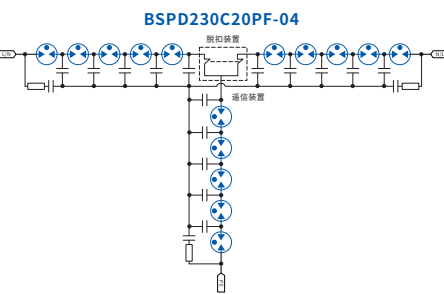
LED Power

Test Level: 1.2/50-8/20μs CM 6kV 500A DM 6kV 3kA
Hipot AC1600VBMOV14D561KSC
Φ18.0x13.5mm
Page 79BMOV14D681KSC*2
Φ18.0x13.5mm
Page 79BS8000N-C-F-H*2
5.8x4.4x2.8mm
Page 89

AC 90-230V



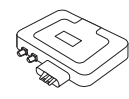
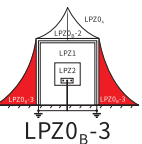
PAD Power



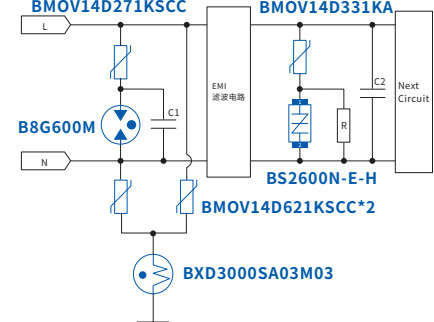
Test Level: 8/20μs CM/DM 20kA

BSPD230C20PF-04
40.8x38x24mm
Page 49

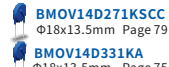
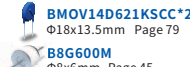
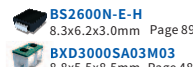
AC 220V NEW



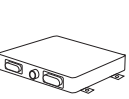
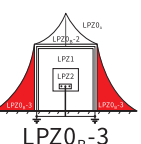
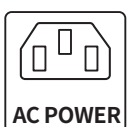
Microinverter



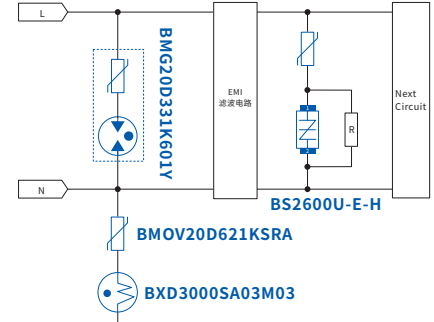
Test Level: 1.2/50μs-8/20μs CM 6kV-500A DM 6kV-3kA

BMOV14D271KSCC
Φ18x13.5mm Page 79BMOV14D331KA
Φ18x13.5mm Page 75BS2600N-E-H
8.3x6.2x3.0mm Page 89

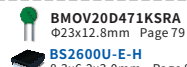
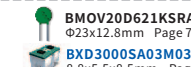
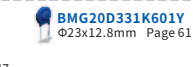
AC 220V NEW



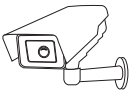
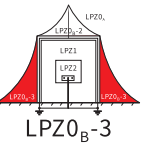
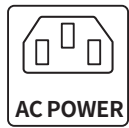
OBC



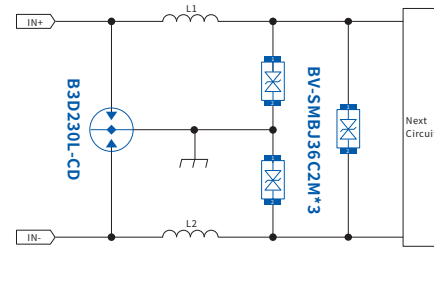
Test Level: 1.2/50μs-8/20μs DM 6kV-3kA

BMOV20D471KSRA
Φ23x12.8mm Page 79BMG20D331K601Y
Φ23x12.8mm Page 61BS2600U-E-H
8.3x6.2x3.0mm Page 89

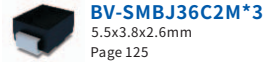
AC 24V/DC12V



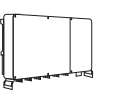
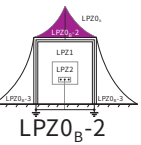
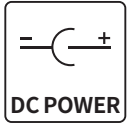
Camera



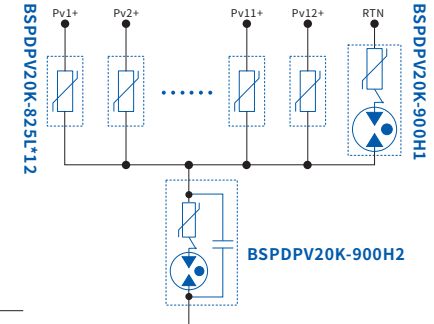
Test Level: 1.2/50-8/20μs CM 6kV-500A DM 4kV-2kA

B3D230L-CD
7.8x5.0x6.0mm
Page 47BV-SMBJ36C2M*3
5.5x3.8x2.6mm
Page 125

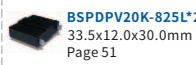
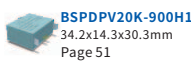
DC 1500V PV NEW



PV Inverter



Test Level: 8/20μs 10kA

BSPDPV20K-825L*12
33.5x12.0x30.0mm
Page 51BSPDPV20K-900H1
34.2x14.3x30.3mm
Page 51BSPDPV20K-900H2
34.2x14.3x30.3mm
Page 43

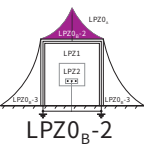
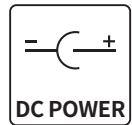
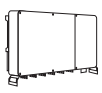
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

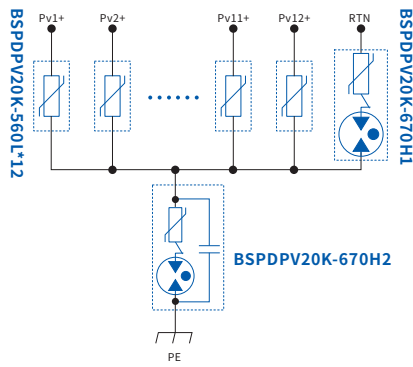
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

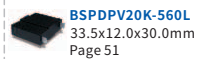
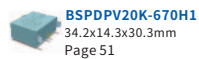
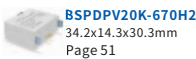
DC 1100V PV NEW

LPZ0_B-2

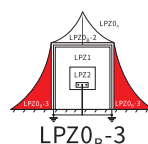
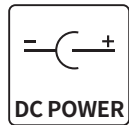
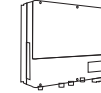
PV Inverter



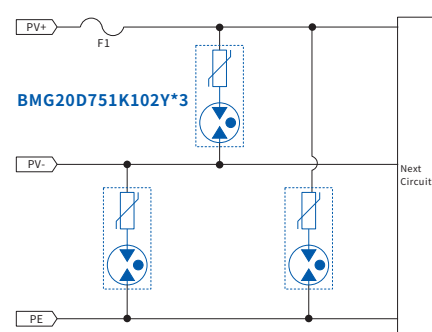
Test Level: 8/20μs 10kA

BSPDPV20K-560L
33.5x12.0x30.0mm
Page 51BSPDPV20K-670H1
34.2x14.3x30.3mm
Page 51BSPDPV20K-670H2
34.2x14.3x30.3mm
Page 51

DC 680V PV NEW

LPZ0_B-3

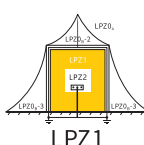
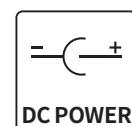
Residential Storage



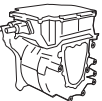
Test Level: 8/20μs CM/DM 5kA

BMG20D751K102Y*3
Φ23.0x12.8mm
Page 61

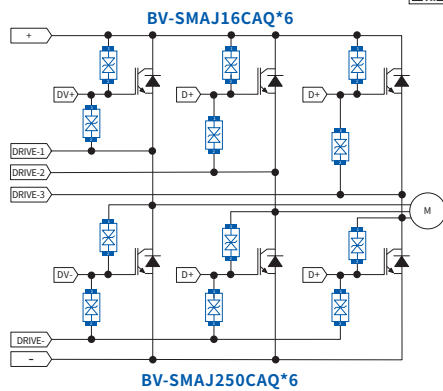
DC 200V



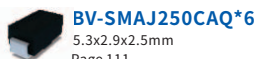
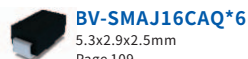
LPZ1



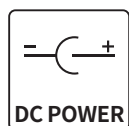
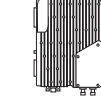
Motor drive



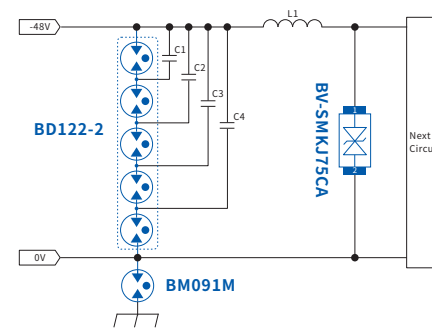
Test Level: P1 P2a P2b P3a P3b

BV-SMAJ250CAQ*6
5.3x2.9x2.5mm
Page 111BV-SMAJ16CAQ*6
5.3x2.9x2.5mm
Page 109

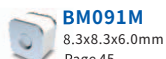
DC 48V

LPZ0_B-1

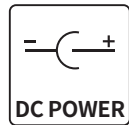
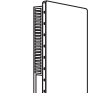
RRU



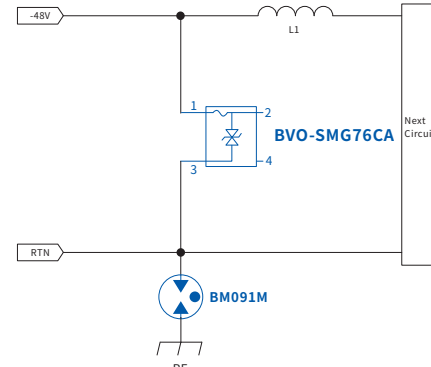
Test Level: 8/20μs CM/DM 20kA

BD122-2
16.5x8.3x9.5mm
Page 45BM091M
8.3x8.3x6.0mm
Page 45BV-SMKJ75CA
10.6x8.3x2.3mm
Page 125

DC 48V

LPZ0_B-1

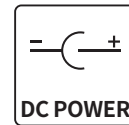
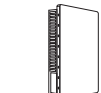
AAU



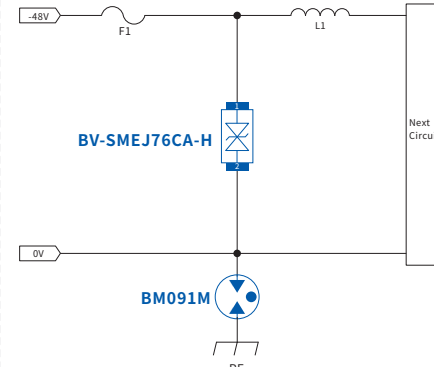
Test Level: 8/20μs CM/DM 20kA

BVO-SMG76CA
24.0x23.5x13.8mm
Page 53BM091M
8.3x8.3x6.0mm
Page 41

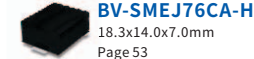
DC 48V

LPZ0_B-1

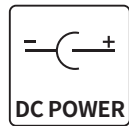
AAU



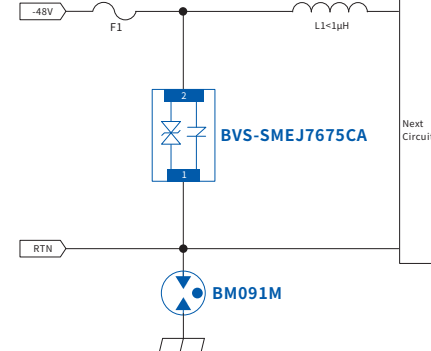
Test Level: 8/20μs CM/DM 10kA

BV-SMEJ76CA-H
18.3x14.0x7.0mm
Page 53BM091M
8.3x8.3x6.0mm
Page 41

DC 48V NEW

LPZ0_B-1

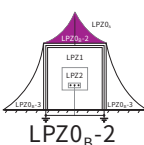
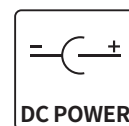
AAU



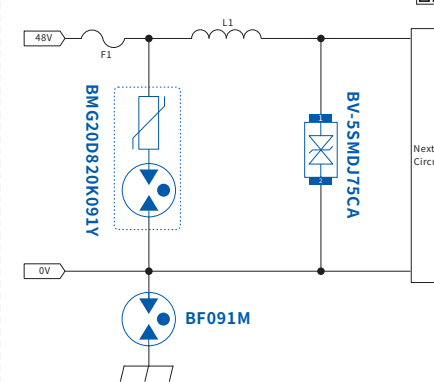
Test Level: 8/20μs CM/DM 10kA

BVS-SMEJ7675CA
18.3x14.0x7.0mm
Page 129BM091M
8.3x8.3x6.0mm
Page 45

DC 48V NEW

LPZ0_B-2

Outdoor AP



Test Level: 8/20μs CM/DM 5kA

BMG20D820K091Y
Φ23x25x10mm
Page 105BV-5SMDJ75CA
8.3x6.2x3.0mm
Page 123BF091M
5.0x5.0x4.2mm
Page 43

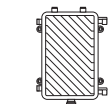
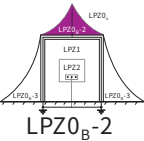
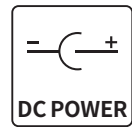
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

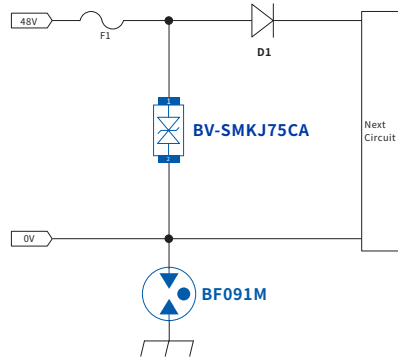
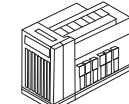
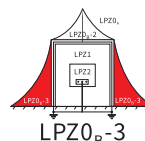
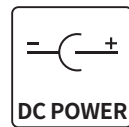
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

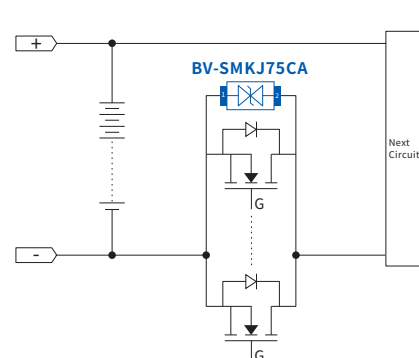
DC 48V



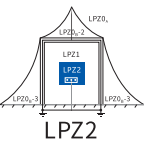
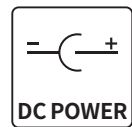
Outdoor AP

Test Level: 8/20 μ s CM/DM 3kABV-SMKJ75CA
10.6x8.3x2.3mm
Page 125BF091M
5.0x5.0x4.2mm
Page 43DC 48V NEW

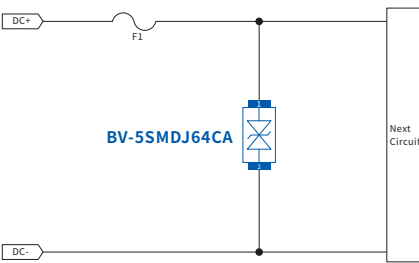
BMS

Test Level: 1.2/50-8/20 μ s CM/DM 4kV-2kABV-SMKJ75CA
10.6x8.3x2.3mm
Page 125

DC 48V IN CAR



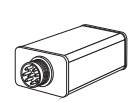
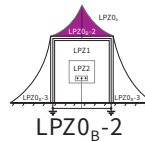
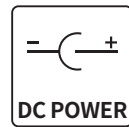
Vehicle



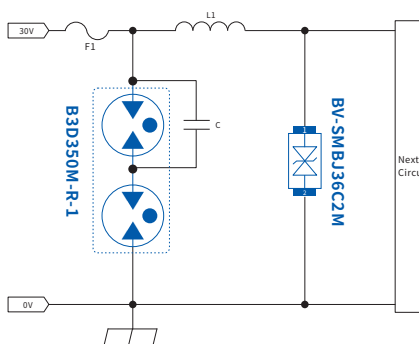
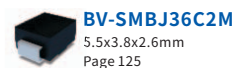
Test Level: ISO21780 Test-03 70V 40ms

BV-5SMDJ64CA
8.3x6.2x3.0mm
Page 105

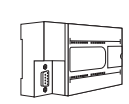
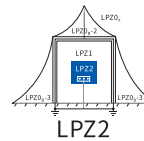
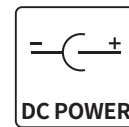
DC 30V



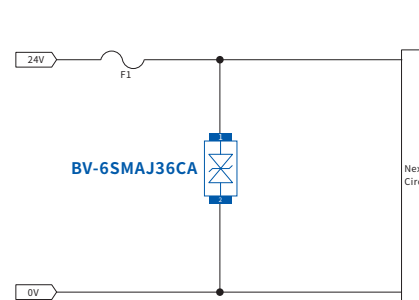
AISG

Test Level: 8/20 μ s CM/DM 3kAB3D350M-R-1
7.8x5.0x6.0mm
Page 47BV-SMBJ36C2M
5.5x3.8x2.6mm
Page 125

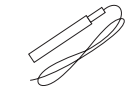
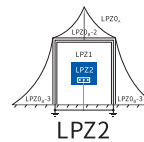
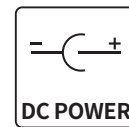
DC 24V



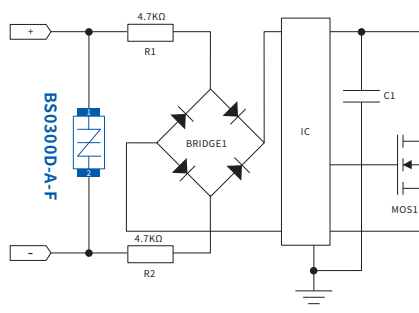
PLC

Test Level: 1.2/50-8/20 μ s DM 1kV-500ABV-6SMAJ36CA
5.3x2.9x2.5mm
Page 127

DC 24V



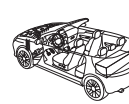
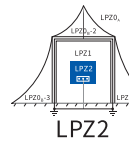
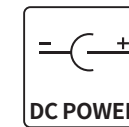
Electronic detonator



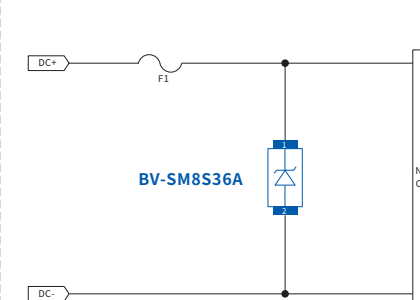
Test Level: DC 48V 10s AC220V 10s

BS0300D-A-F
3.8x1.8x1.35mm
Page 89

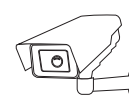
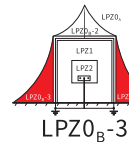
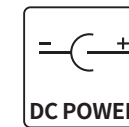
DC 24V IN CAR



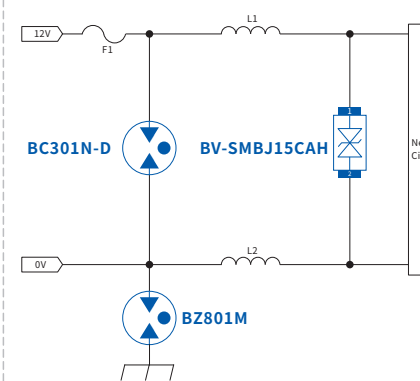
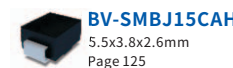
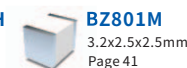
Vehicle

Test Level: P5a 101V 4 Ω 400msBV-SM8S36A
15.5x10x4.9mm
Page 125

DC 12V



Camera

Test Level: 1.2/50-8/20 μ s CM/DM 4kV-2kA Hipot DC 500VBC301N-D
4.5x3.2x2.7mm
Page 43BV-SMBJ15CAH
5.5x3.8x2.6mm
Page 125BZ801M
3.2x2.5x2.5mm
Page 41

Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

DC 12V IN CAR

DC POWER

LPZ2

Vehicle

Test Level: P5b 35V 0.5Ω 400ms

BV-SMCJ33CAQ
8.3x6.2x3.0mm
Page 117

DC 12V **NEW**

DC POWER

LPZ1

Access Control

Test Level: 1.2/50-8/20μs CM 500V-41A

BV-6SMAJ15CA-F
5.3x2.9x2.5mm
Page 127

DC 5V

DC POWER

LPZ2

Vape

Test Level: 1.2/50-8/20μs CM 200V-100A

BV-FE07ZA
1.6x1.0x0.5mm
Page 141

DC 5V

DC POWER

LPZ2

Electric toothbrush

Test Level: Contact8kV Air15kV

BV-D305ZCH
2.5x1.3x1.0mm
Page 135

DC 4.5V **NEW**

DC POWER

LPZ2

Mobile phone

Test Level: Contact8kV Air15kV 1.2/50-8/20us CM 300V -150A

BV-FE05ZF
1.6x1.0x0.5mm
Page 141

DC 3.3V

DC POWER

LPZ2

Laptop

Test Level: Contact8kV Air15kV

BV-FA05ZCT
1.0x0.6x0.5mm
Page 139

RJ11 SLIC

RJ11

LPZ1

PBX

Test Level: 10/700μs-5/320μs CM/DM 6kV-150A Mains power contact AC230V

BS61089B-8
4.9x6.0x1.7mm
Page 147

RJ11 G.Fast

RJ11

LPZ1

PBX

Test Level: 10/1000μs CM/DM 2kV-200A 2/10μs CM/DM 1kV-200A Mains power contact AC425V

BN801M
5.5x4.0x4.0mm
Page 43

BV15C
2.5x1.3x1.0mm
Page 133

Notes: CM=Common Mode / DM=Differential Mode

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RJ11 xDSL

RJ11

LPZ1

VDSL

Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

BC401M
4.5x3.2x2.7mm
Page 43

BS0xx0S23-5
3.0x2.8x1.3mm
Page 87

RJ11

RJ11

LPZ1

PSTN

Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

B3Y471M
6.2x3.2x2.3mm
Page 45

BS0xx0S23-5
3.0x2.8x1.25mm
Page 87

RJ11

RJ11

LPZ1

Portection Unit

Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

B3D470L-C
7.8x5.0x6.0mm
Page 47

RJ11

RJ11

LPZ1

PSTN

Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

B3A420
4.2x2.7x3.9mm
Page 45

BV12C*3
2.5x1.3x1.0mm
Page 133

RJ45

RJ45

LPZ0_B-3

Outdoor AP

Test Level: 10/700-5/320μs CM 6kV-150A DM 4kV-150A

BV-FA03UCE*4
1.0x0.6x0.5mm
Page 137

BV-5SMDJ64CA*6
8.0x5.9x2.6mm
Page 105

BF801M
5.0x5.0x4.2mm
Page 45

RJ45 ^{NEW}

RJ45

LPZ0_B-3

Outdoor AP

Test Level: 10/700-5/320μs CM 6kV-150A

BV-FE03U2M-H*4
1.6x1.0x0.55mm
Page 141

BZ401M*4
3.2x2.5x2.5mm
Page 41

RJ45 ^{NEW}

RJ45

LPZ0_B-3

Outdoor AP

Test Level: CM 1.2/50-8/20μs 6kV 42Ω 10/700-5/320μs 6kV 40Ω
DM 1.2/50-8/20μs 2.5kV 10Ω 10/700-5/320μs 1.5kV 40Ω

BV03C-H*4
2.5x1.28x1.17mm
Page 133

BV-3SMBF30CA*3
5.4x3.3x2mm
Page 127

BF801M
5.0x5.0x4.2mm
Page 45

RJ45

RJ45

LPZ1

Laptop

Test Level: 10/700-5/320μs CM 6kV 40Ω

BV-FK03U4CK*2
2.5x1x0.5mm
Page 141

BS4200N-C-F
5.8x4.4x2.8mm
Page 87

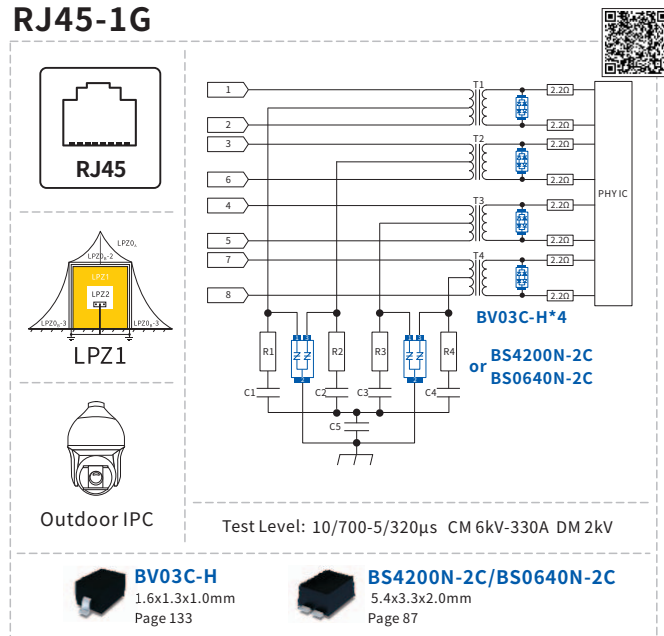
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

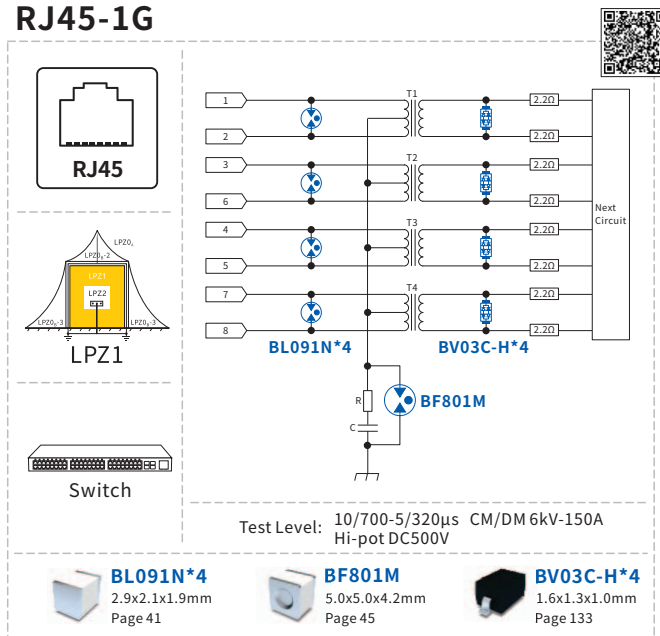
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

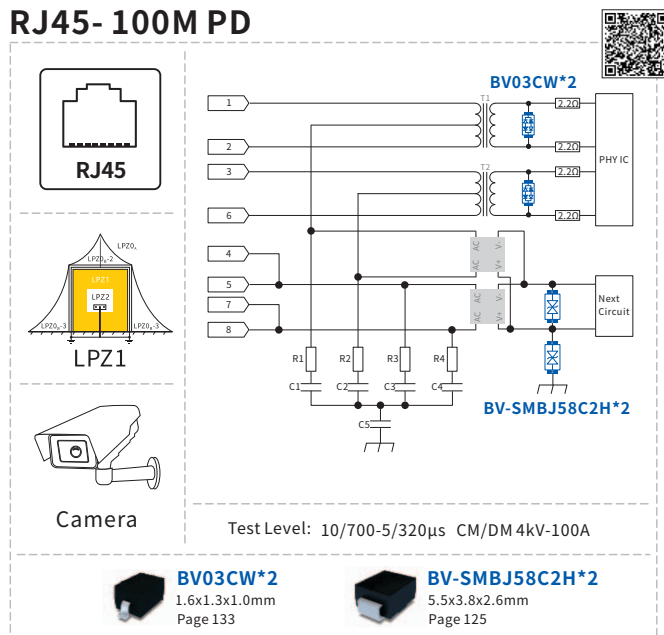
RJ45-1G



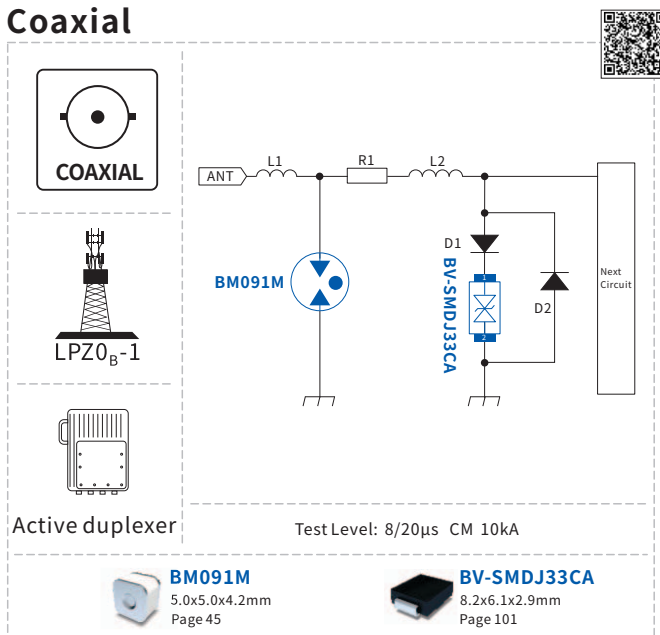
RJ45-1G



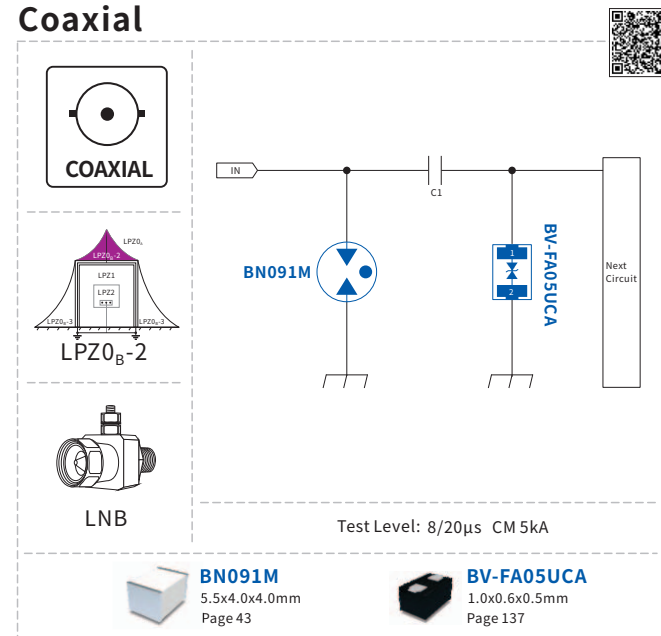
RJ45- 100M PD



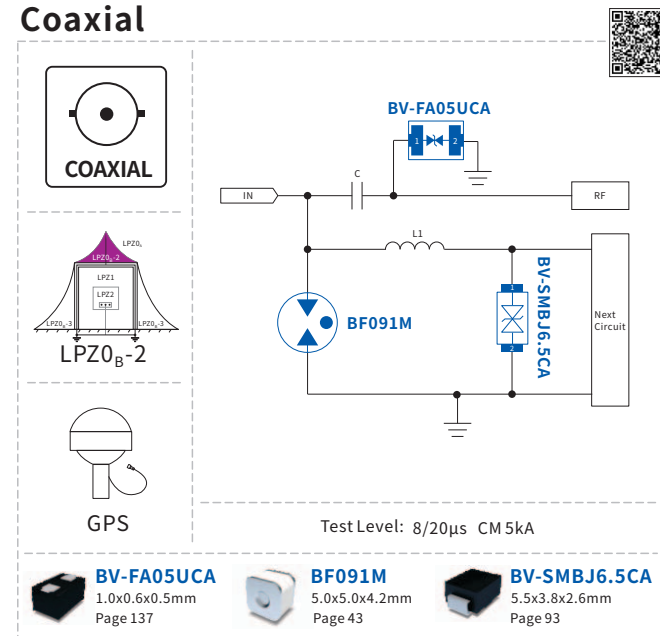
Coaxial



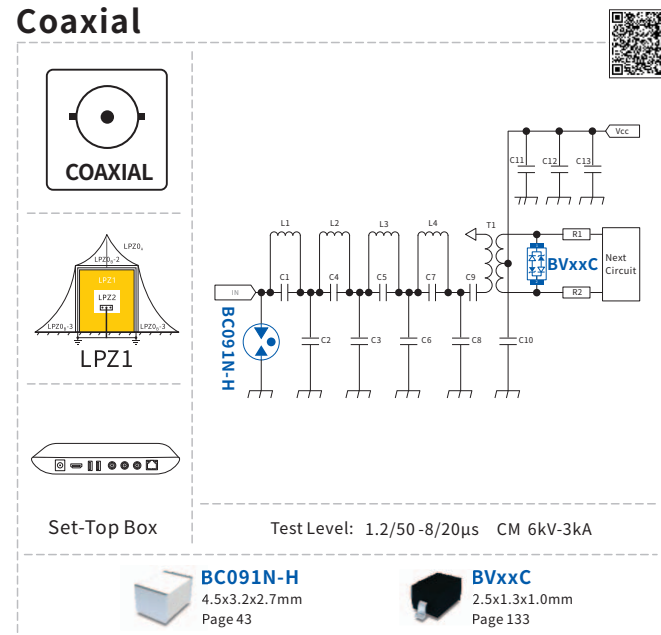
Coaxial



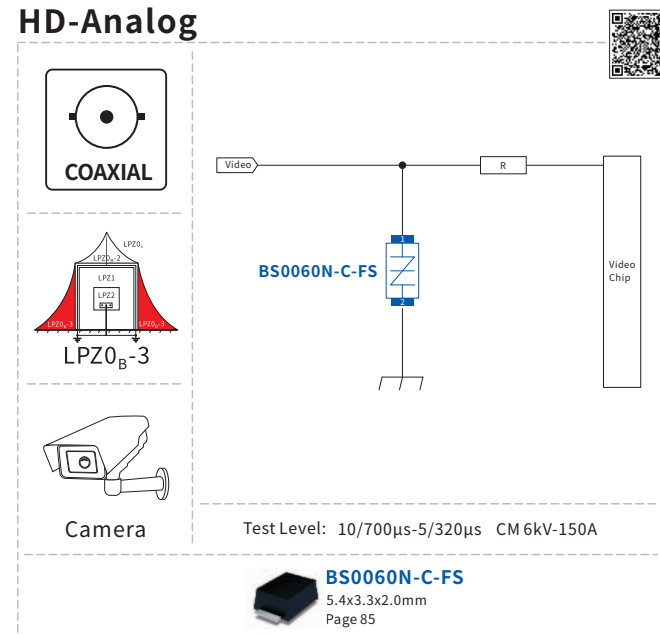
Coaxial



Coaxial



HD-Analog



Notes: CM=Common Mode / DM=Differential Mode

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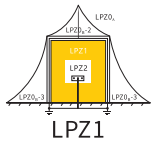
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

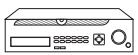
HD-Analog



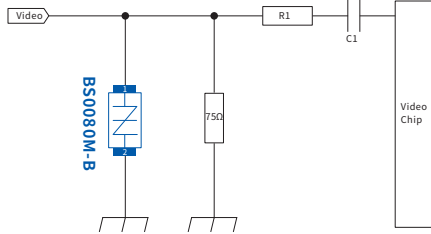
COAXIAL



LPZ1



NVR/DVR



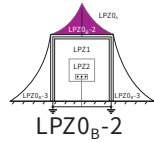
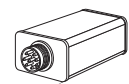
Test Level: 10/700-5/320μs CM/DM 4kV-100A

BS0080M-B
5.3x2.9x2.5mm
Page 89

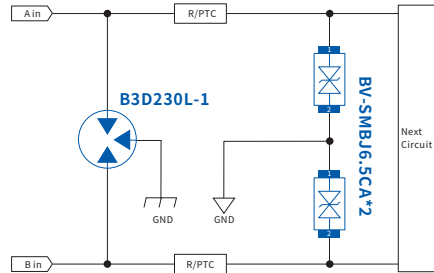
RS485



RS485

LPZ0_B-2

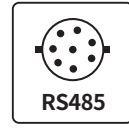
AISG



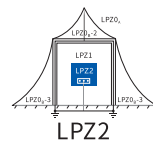
Test Level: 8/20μs CM/DM 5kA

B3D230L-1
7.8x5.0x6.0mm
Page 47BV-SMBJ6.5CA*2
5.5x3.8x2.6mm
Page 93

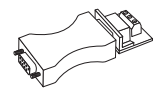
RS485



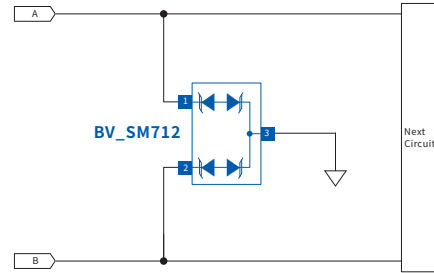
RS485



LPZ2



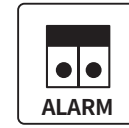
RS485 Converter



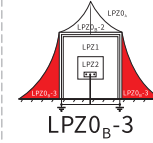
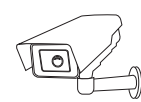
Test Level: Contact8kV Air 15kV

BV-SM712
2.9x2.4x1.0mm
Page 145

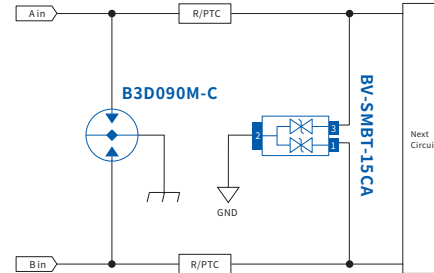
ALARM



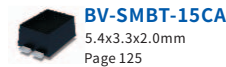
ALARM

LPZ0_B-3

Camera



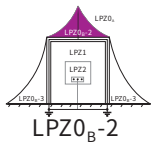
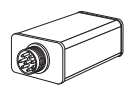
Test Level: 8/20μs CM/DM 3kA

B3D090M-C
7.8x5.0x6.0mm
Page 47BV-SMBT-15CA
5.4x3.3x2.0mm
Page 125

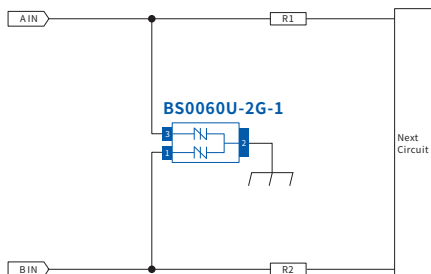
RS485



RS485

LPZ0_B-2

AISG



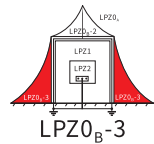
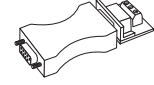
Test Level: 8/20μs CM/DM 3kA

BS0060U-2G-1
8.0x5.9x2.0mm
Page 87

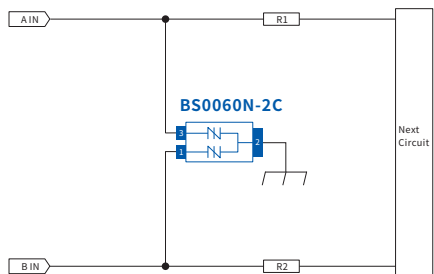
RS485



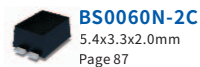
RS485

LPZ0_B-3

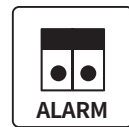
RS485 Converter



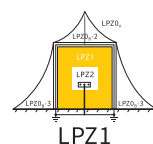
Test Level: 10/700-5/320μs CM/DM 6kV-150A

BS0060N-2C
5.4x3.3x2.0mm
Page 87

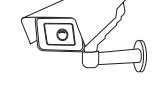
ALARM



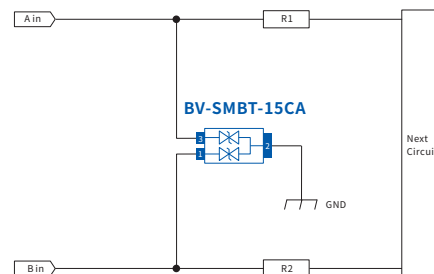
ALARM



LPZ1



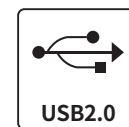
Camera



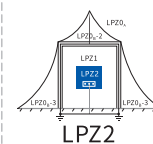
Test Level: 1.2/50-8/20μs CM 1kV-500A

BV-SMBT-15CA
5.4x3.3x2.0mm
Page 125

USB2.0 2in1



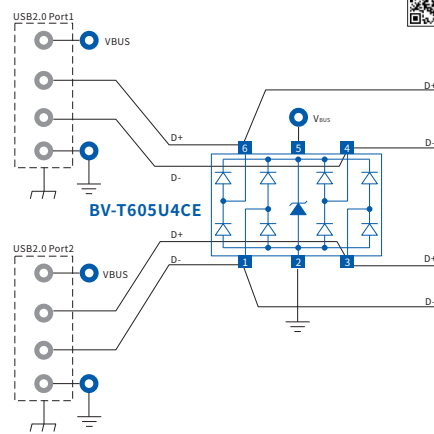
USB2.0



LPZ2



Laptop



Test Level: Contact 8kV Air 15kV

BV-T605U4CE
3.0x2.8x1.3mm
Page 147

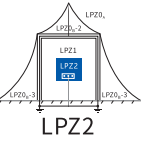
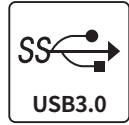
Notes: CM=Common Mode / DM=Differential Mode

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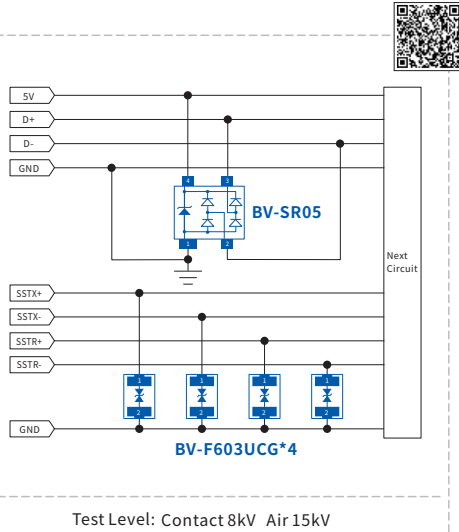
Notes: CM=Common Mode / DM=Differential Mode

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USB3.0



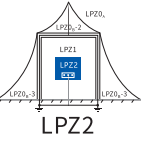
Laptop



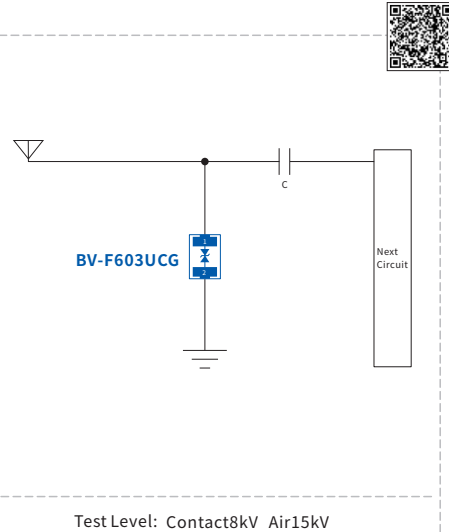
BV-SR05
2.9x2.4x1.0mm
Page 143

BV-F603UCG*4
0.6x0.3x0.3mm
Page 143

RF PORT

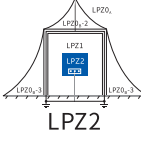
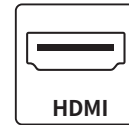


WIFI/BT

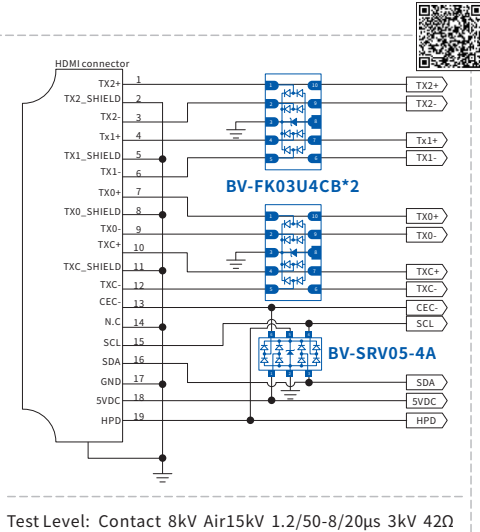


BV-F603UCG
0.6x0.3x0.3mm
Page 143

HDMI



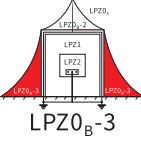
TV



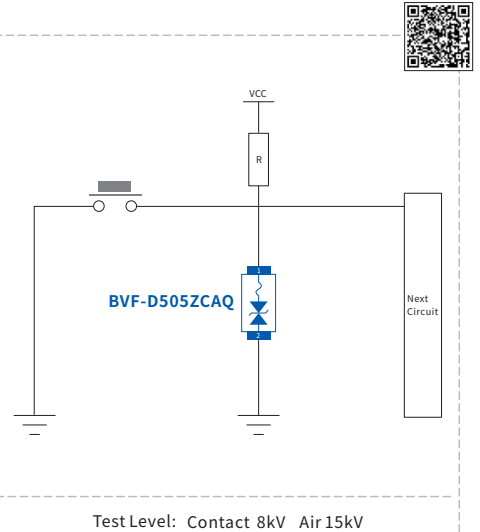
BV-FK03U4CB*2
2.5x1.0x0.58mm
Page 141

BV-SRV05-4A
3.0x2.8x1.3mm
Page 143

KEY

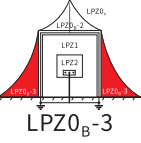
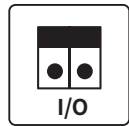


Vehicle

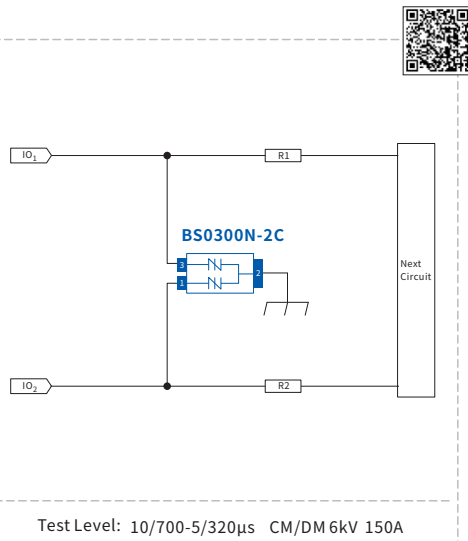


BV-F505ZCAQ
1.6x0.8x0.6mm
Page 137

IO

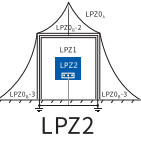


I/O module

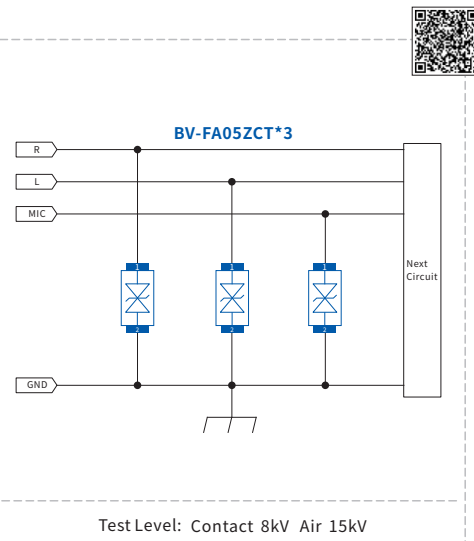


BS0300N-2C
5.4x3.3x2.0mm
Page 87

AUDIO

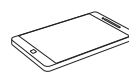
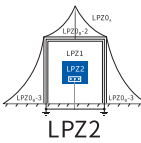
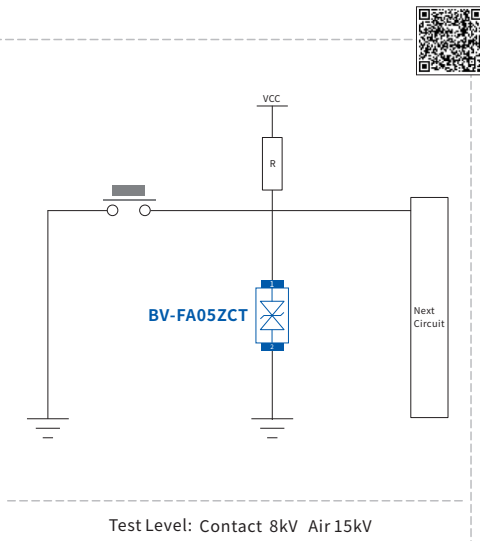


Laptop



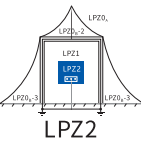
BV-FA05ZCT*3
1.0x0.6x0.5mm
Page 139

KEY

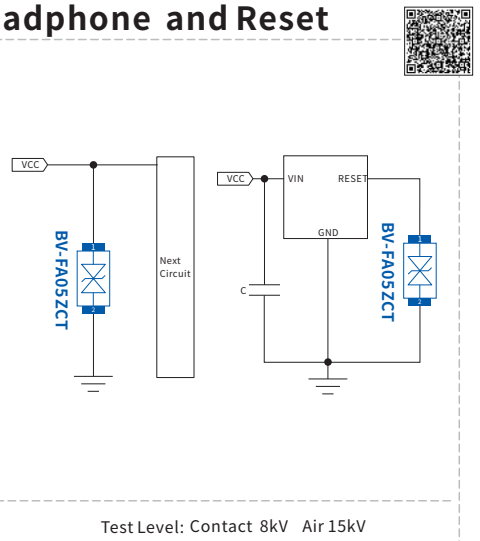
Mobile phone/
PAD

BV-FA05ZCT
1.0x0.6x0.5mm
Page 139

Speaker Headphone and Reset



Mobile phone



BV-FA05ZCT
1.0x0.6x0.5mm
Page 139

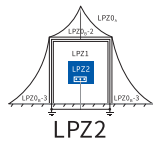
Notes: CM=Common Mode / DM=Differential Mode

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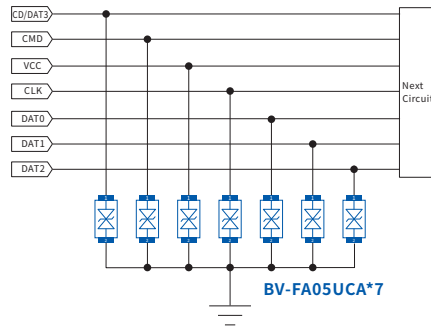
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

Notes: CM=Common Mode / DM=Differential Mode

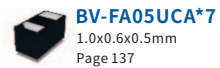
SD



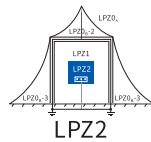
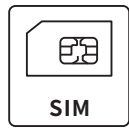
POS



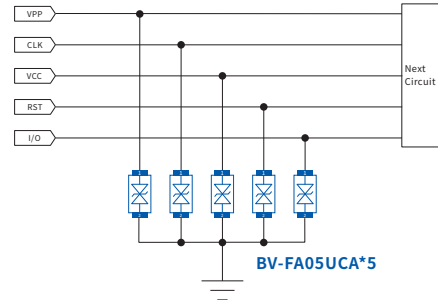
Test Level: Contact 8kV Air 15kV


BV-FA05UCA*7
 1.0x0.6x0.5mm
 Page 137

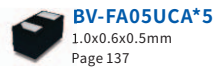
SIM



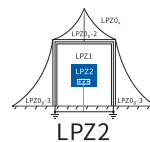
POS



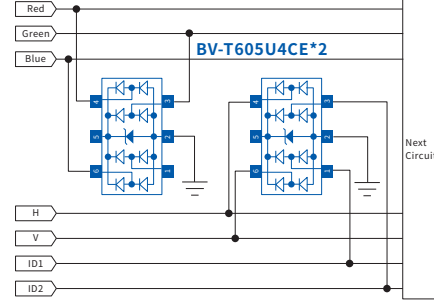
Test Level: Contact 8kV Air 15kV


BV-FA05UCA*5
 1.0x0.6x0.5mm
 Page 137

VGA



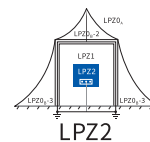
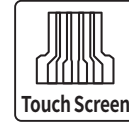
Laptop



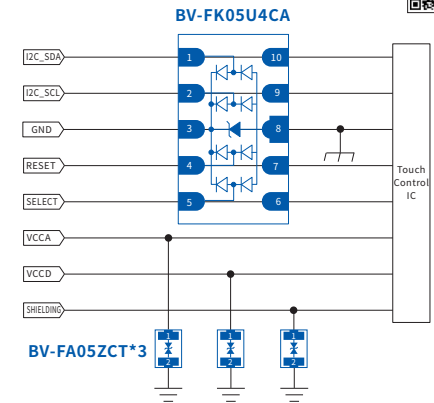
Test Level: Contact 8kV Air 15kV


BV-T605U4CE*2
 3.0x2.8x1.3mm
 Page 147

Touch Screen



Laptop

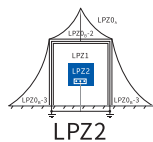
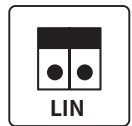


Test Level: Contact 8kV Air 15kV

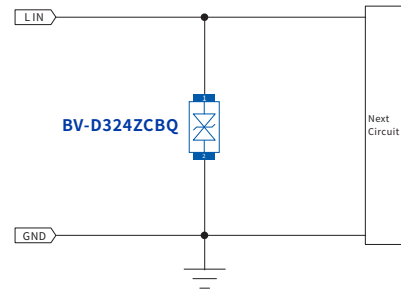

BV-FK05U4CA
 2.5x1.0x0.58mm
 Page 141

BV-FA05ZCT*3
 1.0x0.6x0.5mm
 Page 139

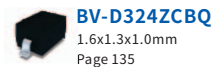
LIN BUS



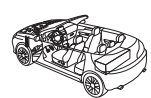
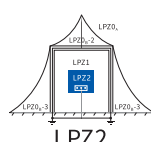
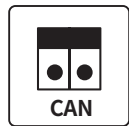
Vehicle



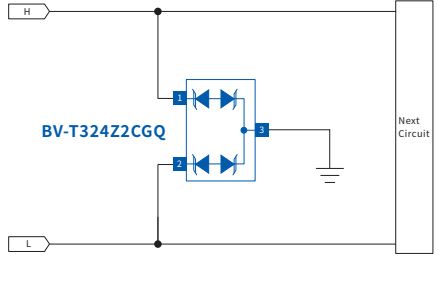
Test Level: Contact 8kV Air 15kV


BV-D324ZCBQ
 1.6x1.3x1.0mm
 Page 135

CAN BUS



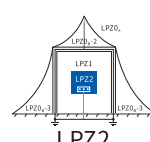
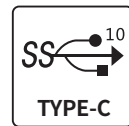
Vehicle



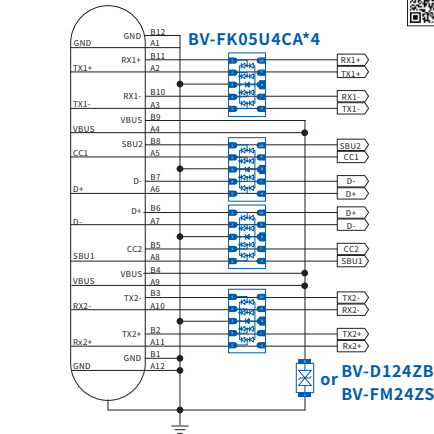
Test Level: Contact 8kV Air 15kV


BV-T324Z2CGQ
 2.9x2.4x1.0mm
 Page 147

TYPE-C



Laptop

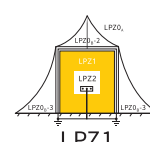
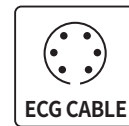


Test Level: Contact 8kV Air 15kV

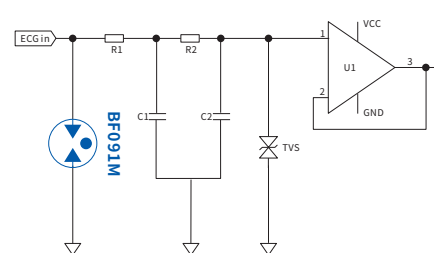

BV-FK05U4CA*4
 2.5x1.0x0.58mm
 Page 141

BV-D124ZB/BV-FM24ZS
 2.7x1.8x1.0mm
 Page 133/143

ECG Cable



ECG monitor



Test Level: AEDS 360J


BF091M
 5.0x5.0x4.2mm
 Page 43

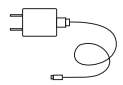
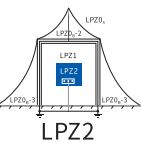
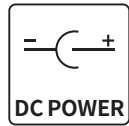
Notes: CM=Common Mode / DM=Differential Mode

Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

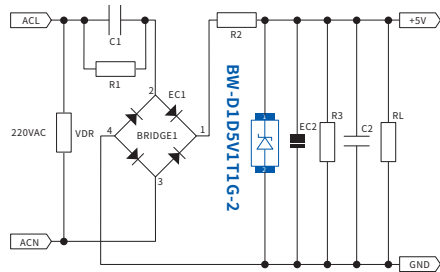
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

Notes: CM=Common Mode / DM=Differential Mode

AC to DC

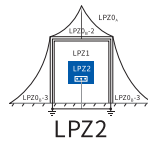
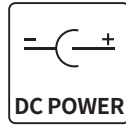


Charging

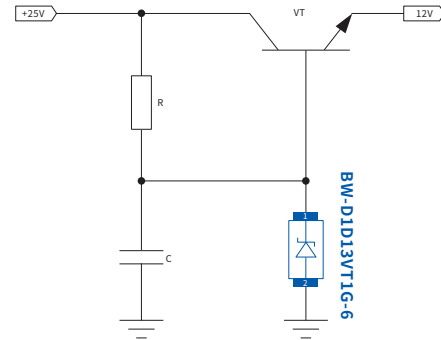


BW-D1D5V1T1G-2
2.7x1.8x1.0mm
Page 149

DC to DC

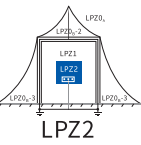
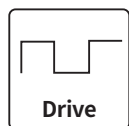


Laptop

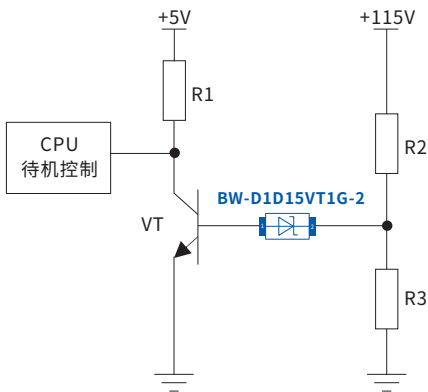


BW-D1D13V1T1G-6
2.7x1.8x1.0mm
Page 155

Overvoltage Control

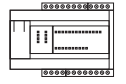
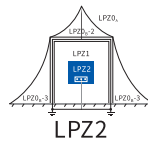
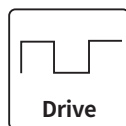


TV

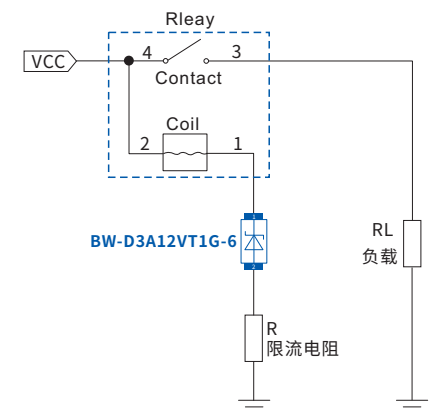


BW-D1D15V1T1G-2
2.7x1.8x1.0mm
Page 149

Relay Coil Control

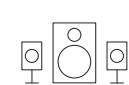
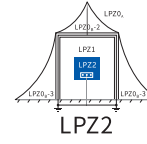
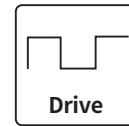


PLC

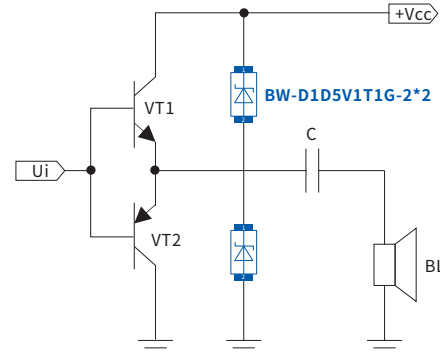


BW-D3A12V1T1G-6
2.5x1.3x1.0mm
Page 163

Horn Overload protection

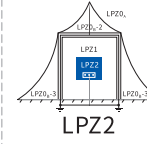
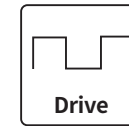


Sound

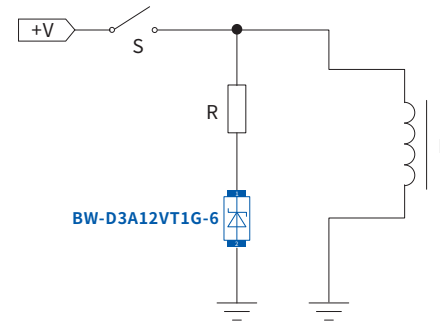


BW-D1D5V1T1G-2*2
2.7x1.8x1.0mm
Page 149

CEMF Absorption circuit

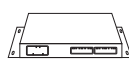
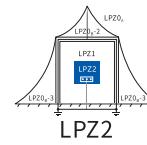
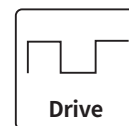


Sweepers

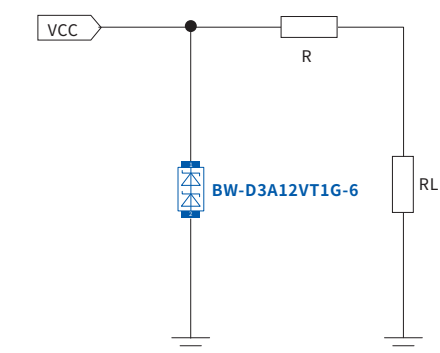


BW-D3A12V1T1G-6
2.5x1.3x1.0mm
Page 163

Temperature Compensation circuit

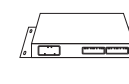
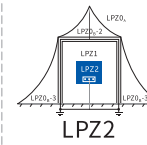
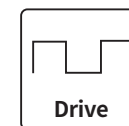


BMS

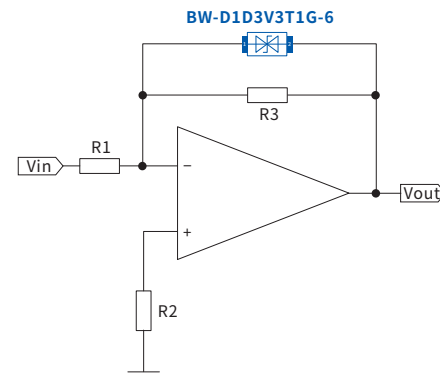


BW-D3A12V1T1G-6
2.5x1.3x1.0mm
Page 163

Limit Circuit



BMS



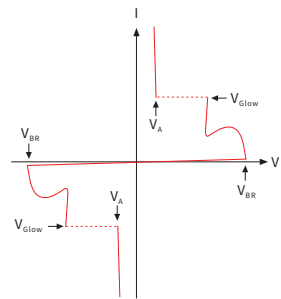
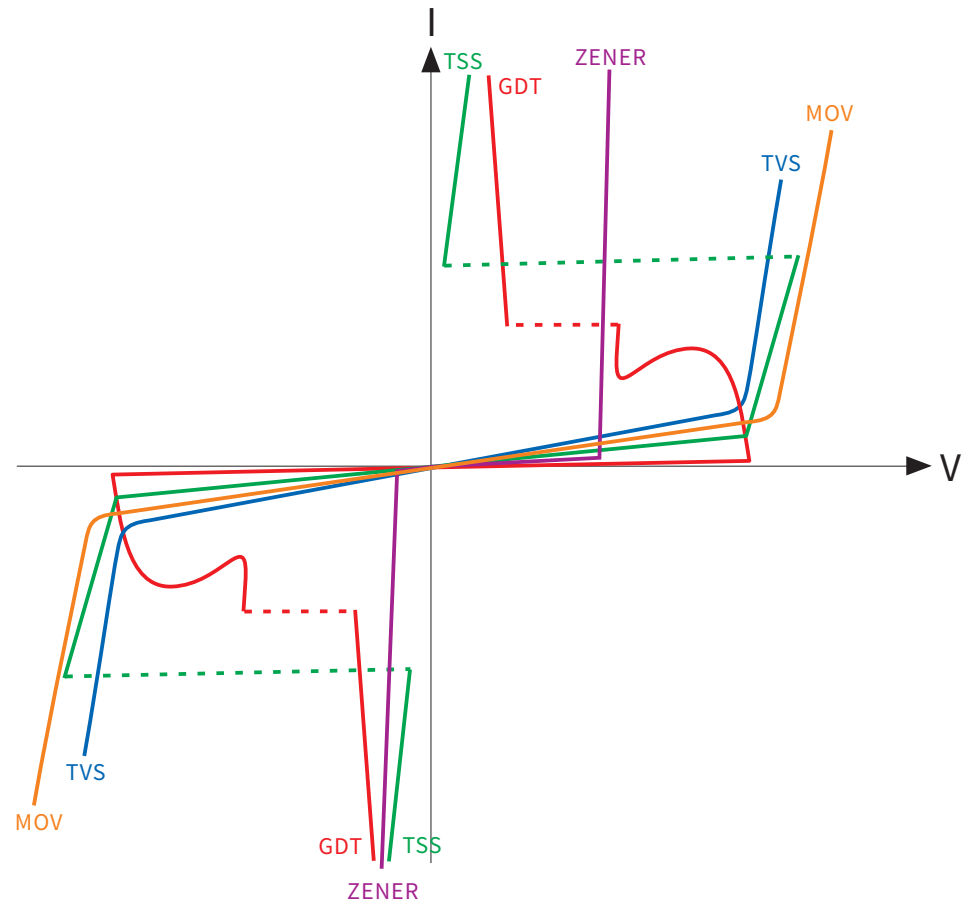
BW-D1D3V3T1G-6
2.7x1.8x1.0mm
Page 151

Notes: CM=Common Mode / DM=Differential Mode

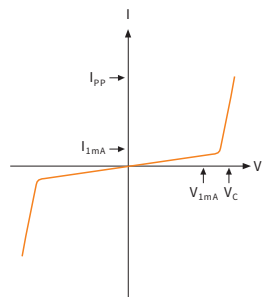
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

Notes: CM=Common Mode / DM=Differential Mode

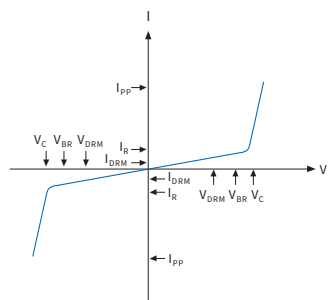
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.



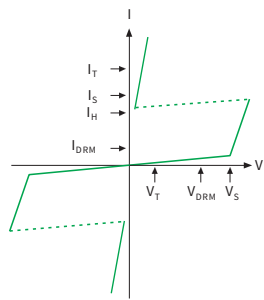
— GDT



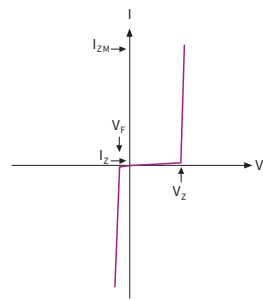
— MOV



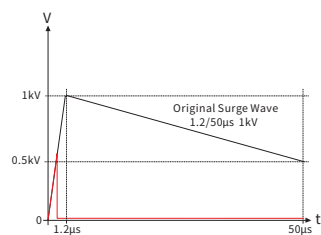
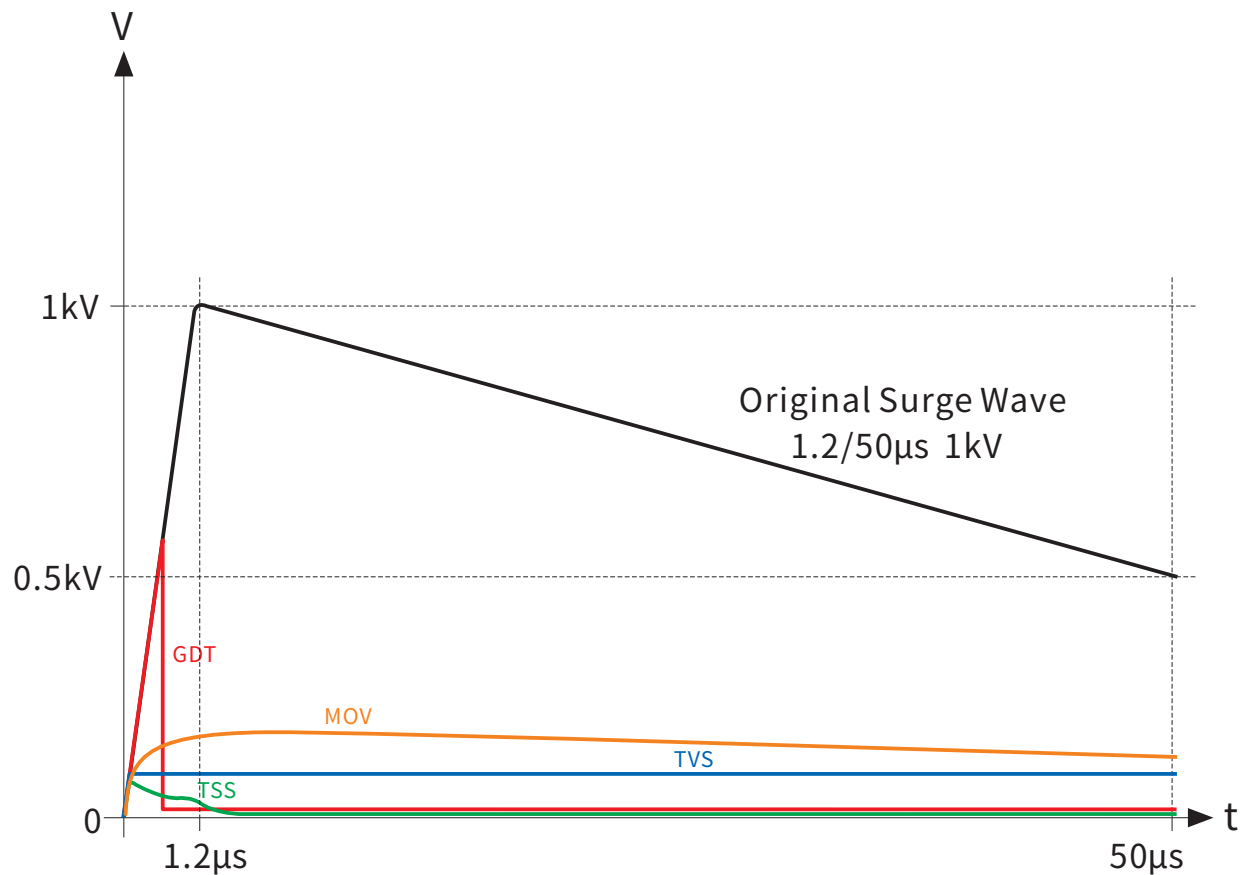
— TVS



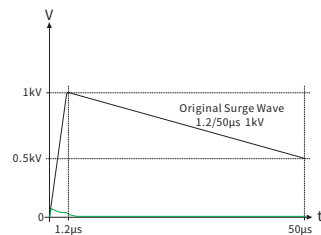
— TSS



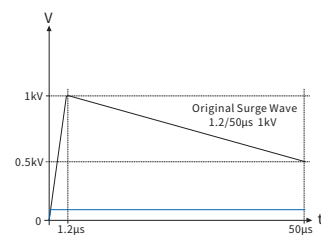
— Zener



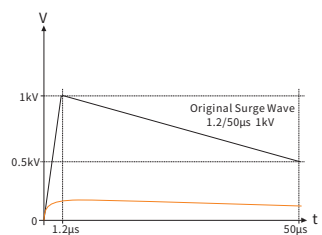
— GDT
 $V_{DRM}=90V$



— TSS
 $V_{DRM}=58V$



— TVS
 $V_{DRM}=58V$



— MOV
 $V_{DRM}=82V$

陶瓷气体放电管/GDT



□ 尺寸(mm) ○ 电压范围 △ 通流能力

**BS**

□ 3.2x1.6x1.6
○ 90V~470V
△ 500A@8/20μs

**BL/BG**

□ 2.9x2.1x1.9
○ 90V~400V
△ 0.5~1kA@8/20μs

**BZ**

□ 3.2x2.5x2.5
○ 90V~800V
△ 1kA@8/20μs

**BA/BC**

□ 4.5x3.2x2.7
○ 75V~600V
△ 1kA~3kA@8/20μs

**BX**

□ 4.2x3.5x3.5
○ 90V~2000V
△ 1kA~3kA@8/20μs

**BN**

□ 5.5x4x4
○ 75V~3600V
△ 3kA~5kA@8/20μs

**BF**

□ 4.2x5x5.5
○ 150~1200V
△ 5kA@8/20μs

**BJ**

□ 5.5x5x5.5
○ 90V
△ 5kA~10kA@8/20μs

**B3Q**

□ 6.8x3.5x3.5
○ 90V~420V
△ 2kA~6kA@8/20μs

**B3D**

□ 7.8x5x6
○ 75V~650V
△ 5kA~10kA@8/20μs

**BXD**

□ 8.8x5.5x8.5
○ 3000V
△ 3kA@8/20μs

**BE-MTW**

□ 10.5x8x2.3
○ 90V~600V
△ 10kA@8/20μs

**BM**

□ 6x8.3x8.3
○ 90V~3600V
△ 5kA~20kA@8/20μs

**B3R**

□ Φ8x10
○ 90~500V
△ 5kA~10kA@8/20μs

**BGO-LB2**

□ Φ5.5x6
○ 600V
△ 3kA~5kA@8/20μs

**BGO-LC2**

□ Φ8x7
○ 600V~1000V
△ 5kA~10kA@8/20μs

**B5G**

□ Φ5.5x6
○ 70V~3600V
△ 3kA~5kA@8/20μs

**B8G**

□ Φ8x6
○ 90V~4000V
△ 5kA~20kA@8/20μs

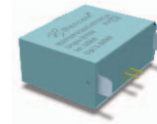
**BD**

□ 16.5x8.3x9.5
○ 1200V
△ 20kA@8/20μs

浪涌保护器/SPD



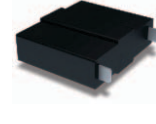
□ 尺寸(mm) ○ 最大持续运行电压Uc △ 标称放电电流 ☆ 电压保护水平

**BSPDPV20K-670H1A**

□ 34.2×14.3×30.3
○ 670VDC
△ 10kA
☆ ≤1.65kV

**BSPDPV20K-670H2A**

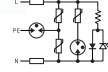
□ 41.6x31x38.2
○ 670VDC
△ 20kA
☆ L-N/L-PE/N-PE:1.5kV

**BSPDPV20K-560L**

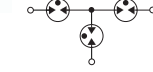
□ 33.5x12x30
○ 560VDC
△ 10kA
☆ ≤1.7kV

**BSPD277D05LF-01**

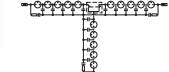
□ 69.4x34x21
○ 560VDC
△ 5kA
☆ 1.5kV

**BSPD230C20PF-02**

□ 38.8x16.7x24
○ L-N/L-PE/N-PE:320VAC
△ 20kA
☆ L-PE/N-PE/L-N:2.0kV

**BSPD230C20PF-01/04**

□ 40.8x38x18.8
○ L-N/L-PE/N-PE:320VAC
△ 20kA
☆ L-PE/N-PE/L-N:2.0kV



压敏复合气体管/BMG



□ 尺寸(mm) ○ 电压范围 △ 通流能力

**BMG7D**

□ Φ9.5x10x10
○ AC 55V~560V
△ 1kA@8/20μs

**BMG10D**

□ Φ13x15x10
○ AC 55V~560V
△ 2kA@8/20μs

**BMG14D**

□ Φ17.5x20x10
○ AC 55V~560V
△ 3kA@8/20μs

**BMG20D**

□ Φ23x25x10
○ AC 55V~560V
△ 5kA@8/20μs

压敏电阻/MOV



□ 尺寸(mm) ○ 电压范围 △ 通流能力

**BMOV-7D**

□ Φ10x9
○ 18V~820V
△ 0.25kA~1.75kA@8/20μs

**BMOV-10D**

□ Φ14x9.8
○ 18V~1100V
△ 0.5kA~3.5kA@8/20μs

**BMOV-14D**

□ Φ18x13.5
○ 18V~1800V
△ 1kA~5kA@8/20μs ±15T

**BMOV-20D**

□ Φ23x12.8
○ 18V~1800V
△ 2kA~10kA@8/20μs ±15T

产品型号 Part Number	标称电压 DC Breakdown Voltage(V _{BR}) 100V/s (V)	电压范围 Tolerance of V _{BR} (V)	冲击击穿电压 Impulse Spark-over Voltage 1kV/μs (V)	弧光压 Arc Voltage (V _A) (V)@1A	通流能力 Impulse Discharge Current 8/20μs (kA)	绝缘阻抗 Insulation Resistance (GΩ)	绝缘阻抗 测试电压 @ DC (V)	结电容 Capacitance Co(pF) 0.5VDC@1MHz	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
													UL497B	UL1449	TUV	CQC
BS151N	150	120-190	≤700	~10	0.5	≥1	100	≤0.6	3.2x1.6x1.6	Ethernet			●	○	○	○
BS201N	200	140-260	≤850	~10	0.5	≥1	100	≤0.6	3.2x1.6x1.6	Ethernet			●	○	○	○
BS201M	200	160-240	≤850	~10	0.5	≥1	100	≤0.6	3.2x1.6x1.6	Ethernet			●	○	○	○
BS401N	400	280-520	≤1100	~8	0.5	≥1	100	≤0.6	3.2x1.6x1.6	Ethernet			●	○	○	○
BG091N	90	63-117	≤650	~10	1	≥1	50	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG151N	150	105-195	≤700	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG201N	200	140-260	≤750	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG301N	300	210-390	≤850	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG401N	400	280-520	≤1000	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG601M	600	480-720	≤1200	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BG801M	800	640-960	≤1300	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			○	○	○	○
BG102M	1000	800-1200	≤1500	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			○	○	○	○
BL075N	75	53-97	≤650	~8	1	≥1	50	≤0.5	2.9x2.1x1.9	RS485/232/422			○	○	○	○
BL091N	90	63-117	≤650	~10	1	≥1	50	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BL151N	150	105-195	≤700	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BL201N	200	140-260	≤750	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BL301N	300	210-390	≤850	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BL401N	400	280-520	≤1000	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	●	○	○
BL601M	600	480-720	≤1200	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BL801M	800	640-960	≤1300	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			○	●	○	○
BL102M	1000	800-1200	≤1500	~10	0.5	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			○	○	○	○
BZ091N	90	63-117	≤700	~8	1	≥1	50	≤0.5	3.2x2.5x2.5	Coaxial/Internet			●	○	○	○
BZ201M	200	160-240	≤800	~8	1	≥1	100	≤0.5	3.2x2.5x2.5	RJ11/RJ45			●	○	○	○
BL201NH	200	140-260	≤600	~10	1	≥1	100	≤0.5	2.9x2.1x1.9	RS485/232/422			●	○	○	○
BZ301M	300	240-360	≤850	~8	1	≥1	100	≤0.5	3.2x2.5x2.5	RS485/232/422			●	○	○	○
BZ401M	400	360-580	≤950	~10	1	≥1	100	≤0.5	3.2x2.5x2.5	Ethernet			●	○	○	○
BZ801M	800	640-960	≤1400	~10	1	≥1	100	≤1.0	3.2x2.5x2.5	Ethernet			○	●	○	○
BA151N	150	105-195	≤750	~8	1	≥1	100	≤1	4.5x3.2x2.7	Coaxial			●	○	○	○
BA201N	200	140-260	≤750	~8	1	≥1	100	≤1	4.5x3.2x2.7	RS485/232/422			●	○	○	○
BA301N	300	210-390	≤800	~8	1	≥1	100	≤1	4.5x3.2x2.7	RS485/232/422			●	○	○	○
BA301N-D	300	210-390	≤750	~15	1	≥1	100	≤1	4.5x3.2x2.7	DC12V/AC24V			●	○	○	○
BA401N-D	400	340-550	≤750	~15	1	≥1	100	≤1	4.5x3.2x2.7	xDSL			●	○	○	○

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产品型号 Part Number	标称电压 DC Breakdown Voltage(V _{BR}) 100V/s (V)	电压范围 Tolerance of V _{BR} (V)	冲击击穿电压 Impulse Spark-over Voltage 1kV/μs (V)	弧光压 Arc Voltage (V _A) (V)@1A	通流能力 Impulse Discharge Current 8/20μs (kA)	绝缘阻抗 Insulation Resistance (GΩ)	绝缘阻抗 测试电压 @ DC (V)	结电容 Capacitance Co(pF) 0.5VDC@1MHz	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
													UL497B	UL1449	TUV	CQC
BA601N	600	420-780	≤1200	~15	1	≥1	100	≤1	4.5x3.2x2.7	Ethernet			●	○	○	○
BC091N	90	63-117	≤650	~8	2	≥1	50	≤0.5	4.5x3.2x2.7	coaxial			●	○	●	○
BC151N	150	105-195	≤750	~8	2	≥1	100	≤1	4.5x3.2x2.7	coaxial			●	○	●	○
BC201N	200	140-260	≤800	~8	2	≥1	100	≤1	4.5x3.2x2.7	RS485/232/422			●	○	●	○
BC301N-D	300	210-390	≤750	~15	2	≥1	100	≤1	4.5x3.2x2.7	DC12V/AC24V			●	○	●	○
BC401M	400	360-560	≤950	~15	2	≥1	100	≤1	4.5x3.2x2.7	xDSL			●	○	●	○
BC601N	600	420-780	≤1200	~15	2	≥1	100	≤1	4.5x3.2x2.7	Ethernet			●	○	●	○
BC091N-H	90	63-117	≤650	~8	3	≥1	50	≤0.5	4.5x3.2x2.7	coaxial			●	○	●	○
BX091N	90	63-117	≤650	~10	3	≥1	50	≤0.6	4.2x3.5x3.5	Coaxial			●	○	●	○
BX151N	150	105-195	≤650	~10	3	≥1	100	≤0.6	4.2x3.5x3.5	Ethernet			●	○	●	○
BX201N	200	140-260	≤750	~10	3	≥1	100	≤0.6	4.2x3.5x3.5	Coaxial			●	○	●	○
BX301N	300	210-390	≤850	~10	3	≥1	100	≤0.6	4.2x3.5x3.5	Ethernet			●	○	●	○
BX401N-D	400	370-560	≤750	≥18	3	≥1	100	≤0.6	4.2x3.5x3.5	Ethernet			●	○	●	○
BN075M	75	60-90	≤600	~8	5	≥1	50	≤0.5	5.5x4x4	RS485/232/422			○	○	●	○
BN091M	90	72-108	≤600	~8	5	≥1	50	≤0.5	5.5x4x4	RS485/232/422			○	○	●	○
BN151M	150	120-180	≤650	~12	5	≥1	100	≤0.5	5.5x4x4	AC Power/Xdsl			○	○	●	○
BN301M	300	240-360	≤850	~15	5	≥1	100	≤0.5	5.5x4x4	DC Power/AC Power			○	○	●	○
BN401M	400	320-480	≤850	~15	5	≥1	100	≤0.5	5.5x4x4	Ethernet			○	○	●	○
BN601M	600	480-720	≤1200	~15	5	≥1	100	≤0.5	5.5x4x4	AC Power			○	●	●	○
BN801M	800	640-960	≤1400	~15	5	≥1	100	≤0.5	5.5x4x4	AC Power			○	○	●	○
BN102M	1000	800-1200	≤1600	~15	5	≥1	100	≤0.5	5.5x4x4	AC Power			○	●	●	○
BN152M	1500	1200-1800	≤2500	~15	3	≥1	100	≤0.5	5.5x4x4	AC Power			○	○	●	○
BN202M	2000	1600-2400	≤3000	~15	3	≥1	100	≤0.5	5.5x4x4	AC Power			○	●	●	○
BN252M	2500	2000-3000	≤3500	~25	3	≥1	100	≤0.5	5.5x4x4	AC Power			○	○	●	○
BN302M	3000	2400-3600	≤4000	~25	3	≥1	100	≤0.5	5.5x4x4	AC Power			○	●	●	○
BN362M	3600	2880-4320	≤4800	~35	3	≥1	100	≤0.6	5.5x4x4	AC Power			○	●	●	○
BN362M-1	3600	2880-4320	≤4800	~30	3	≥1	100	≤0.5	5.5x4.2x4.2	AC Power			○	○	●	○
BF091M	90	72-108	≤600	~8	5	≥1	50	≤0.8	4.2x5x5	RS485/232/422			●	○	○	○
BF151M	150	120-180	≤420	~13	5	≥1	100	≤0.8	4.2x5x5	AC Power/xDSL			●	○	○	○
BF231M	230	184-276	≤700	~8	5	≥1	100	≤1.0	4.2x5x5	RS485/232/422			●	○	○	○
BF351M	350	280-420	≤750	≥15	5	≥1	100	≤1.0	4.2x5x5	DC12V/AC24V			●	○	○	○
BF421M	420	336-504	≤750	≥15	5	≥1	100	≤1.0	4.2x5x5	DC12V/AC24V			●	○	○	○

产品型号 Part Number	标称电压 DC Breakdown Voltage(V _{BR}) 100V/s (V)	电压范围 Tolerance of V _{BR} (V)	冲击击穿电压 Impulse Spark-over Voltage 1kV/μs (V)	弧光压 Arc Voltage (V _A) (V)@1A	通流能力 Impulse Discharge Current 8/20μs (kA)	绝缘阻抗 Insulation Resistance (GΩ)	绝缘阻抗 测试电压 @ DC (V)	结电容 Capacitance Co(pF) 0.5VDC@1MHz	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
													UL497B	UL1449	TUV	CQC
BF471M	470	376-564	≤850	~15	5	≥1	100	≤0.8	4.2x5x5	xDSL						
BF601M	600	480-720	≤1200	~8	5	≥1	100	≤1.0	4.2x5x5	AC Power						
BF801M	800	640-960	≤1600	~15	3	≥1	100	≤1.0	4.2x5x5	AC Power/xDSL						
BF102M	1000	800-1200	≤1800	~15	3	≥1	100	≤1.0	4.2x5x5	AC Power						
BF122M	1200	960-1440	≤2000	~15	3	≥1	100	≤1.0	4.2x5x5	AC Power						
BJ091M	90	72-108	≤600	~10	5	≥1	50	≤0.5	5.5x5.5x5	Power port						
BJ091M-1	90	72-108	≤600	~10	10	≥1	50	≤0.5	5.4x5.4x5	Power port						
BM091M	90	72-108	≤600	~8	20	≥1	50	≤1.5	8.3x8.3x6	DC Power						
BM351M	350	280-420	≤650	~15	20	≥1	100	≤1.5	8.3x8.3x6	DC Power						
BM471M	470	376-564	≤850	~15	20	≥1	100	≤1.5	8.3x8.3x6	AC Power						
BM601M	600	480-720	≤950	~15	20	≥1	100	≤1.5	8.3x8.3x6	AC Power						
BM801M	800	640-960	≤1200	~15	20	≥1	100	≤1.5	8.3x8.3x6	AC Power						
BM152M	1500	1200-1800	≤2500	~15	10	≥1	100	≤1.5	8.3x8.3x6	AC Power						
BM362M	3600	2880-4320	≤6000(@1.2/50μs 6kV)	~30	5	≥1	100	≤1.5	8.3x8.3x6	AC Power						
BW151M	150	120-180	≤700	~12	10	≥1	100	≤0.45	7x6x6	Coaxial						
BW231M	230	184-276	≤800	~12	10	≥1	100	≤0.45	7x6x6	Coaxial						
BD122-2	1200	700-1200	≤900(@1.2/50μs 6kV)	≥60	20	≥1	100	≤1.5	8.3x9.5x16.5	DC 48v						
BD122-J	1200	700-1450	≤1100(@1.2/50μs 6kV)	≥60	15	≥1	100	≤1.5	6x6x16.5	DC 48v						
B5G470L	470	376-564	≤850	~15	5	≥1	100	≤1	φ5.5x6	AC Power						
B5G600L	600	480-720	≤950	~15	5	≥1	100	≤1	φ5.5x6	AC Power						
B5G800L	800	640-960	≤1600	~15	5	≥1	100	≤1	φ5.5x6	AC Power						
B5G3000	3000	2400-3600	≤3500	~15	3	≥1	100	≤1	φ5.5x6	AC Power						
B5G3600	3600	2880-4680	≤4700	~15	3	≥1	100	≤1	φ5.5x6	AC Power						
B8G600M	600	580-720	≤1400	~15	10	≥1	100	≤1.5	φ8x6	AC Power						
B8G800M	800	640-960	≤1600	~15	10	≥1	100	≤1.5	φ8x6	AC Power						
B8G1500M	1500	1200-1800	≤2750	~15	10	≥1	100	≤1.5	φ8x6	AC Power						
B8G3600L	3600	2880-4320	≤6000(@1.2/50μs 6kV)	~15	5	≥1	100	≤1.5	φ8x6	AC Power						
B3A420	470	360-560	≤950	~10	2	≥1	100	≤1.0	4.2x2.7x3.9	xDSL						
B3Y471M	470	360-540	≤1000	~8	1	≥1	100	≤1.5	6.2x3.2x2.3	xDSL						
B3Q090	90	72-108	≤650	~20	6	≥1	100	≤1	6.8x3.5x3.5	xDSL						
B3Q420	420	360-560	≤950	~20	2	≥1	100	≤1	6.8x3.5x3.5	xDSL						
B3D090L-C	90	68-112	≤700	~8	5	≥1	50	≤1.5	7.8x5x6	RS485/232/422						

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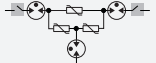
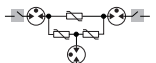
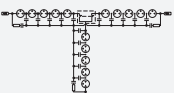
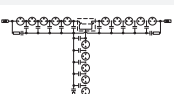
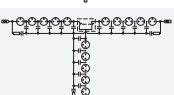
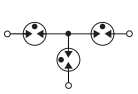
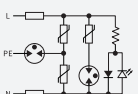
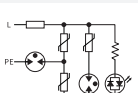
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产品型号 Part Number	标称电压 DC Breakdown Voltage(V _{BR}) 100V/s (V)	电压范围 Tolerance of V _{BR} (V)	冲击击穿电压 Impulse Spark-over Voltage 1kV/μs (V)	弧光压 Arc Voltage (V _a) (V)@1A	通流能力 Impulse Discharge Current 8/20μs (kA)	绝缘阻抗 Insulation Resistance (GΩ)	绝缘阻抗 测试电压 @ DC (V)	结电容 Capacitance Co(pF) 0.5VDC@1MHz	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
													UL497B	UL1449	TUV	CQC
B3D230L-C	230	184-276	≤800	~8	5	≥1	100	≤1.5	7.8x5x6	DC12V/AC24V			●	○	○	○
B3D230L-CD	230	200-380	≤800	~15	5	≥1	100	≤1.5	7.8x5x6	DC12V/AC24V			●	○	○	○
B3D230L-1	230	184-276	≤650	~8	10	≥1	100	≤1.5	7.6x5x5	xDSL			●	○	○	○
B3D420L-C	420	336-504	≤950	~8	5	≥1	100	≤1.5	7.8x5x6	xDSL			●	○	○	○
B3D470L-C	470	360-560	≤950	~8	5	≥1	100	≤1.5	7.8x5x6	xDSL			●	○	○	○
B3D470L-1	470	350-500	≤950	~8	5	≥1	100	≤1.5	7.3x5x5	xDSL			●	○	○	○
B3D090M-C	90	72-108	≤600	~10	10	≥1	50	≤1.5	7.8x5x6	RS485/232/422			●	○	○	○
B3D350M-R	350	245-455	≤850	≥33	5	≥1	100	≤1.5	7.8x5x6	DC30V			●	○	○	○
BUB801M	800	640-960	≤1300	~24	20	≥1	255	≤4.0	Φ16x5.1	AC Power			○	●	○	○
BUB801M-01	800	640-960	≤1400	~24	40	≥1	100	≤4.0	Φ16x5.1	AC Power			○	●	○	○
BUB801M-06	800	640-960	≤1400	~24	40	≥1	100	≤4.0	Φ16x5.6	AC Power			○	●	○	○
BUB801M-02	600	520-780	≤1300	~24	40	≥1	100	≤4.0	Φ16x7.7	AC Power			○	●	○	○
BUB601M-03	600	550-800	≤1500	~24	40	≥1	100	≤4.0	Φ16x4.6	AC Power			○	●	○	○
BUB601M-10	600	480-720	≤1500	~24	40	≥1	100	≤4.0	Φ16x5.6	AC Power			○	●	○	○
BUB601M-09	600	480-720	≤1500	~24	40	≥1	100	≤4.0	Φ16x9.1	AC Power			○	●	○	○
BUF601M-01	600	640-960	≤1500	~30	80	≥1	100	≤10.0	Φ30x8.45	AC Power			○	●	○	○
B3D350M-R-1	600	420-780	≤1200	≥33	5	≥1	100	≤1.5	7.8x5x5	AC Power			○	○	○	○
BXD3000SA03M	3000	2400-3600	≤2500	~35	3	≥1	100	≤500	8.8x6.2x8.5	AC Power			○	●	○	○
BXD3000SA05M	3000	2400-3600	≤2500	~35	5	≥1	100	≤500	11.8x8.3x10.8	AC Power			○	○	○	○
BXD3000SA03M03	3000	2400-3600	≤2700	~35	3	≥1	100	≤500	9x5.5x7	AC Power			○	●	○	○
BXD3000SA03M03-D10	3000	2400-3600	≤2000	~100	3	≥1	100	≤500	8.5x5.5x8.5	AC Power			○	●	○	○
BGO6000A03-LB2	600	≥480	≤1500	/	3	/	/	≤1.5	Φ5.5x6	AC Power			●	○	○	○
BGO6000A05-LC2	600	≥480	≤1500	/	5	/	/	≤1.5	Φ8x7	AC Power			●	○	○	○
BGO6000A10-LC2	600	≥480	≤1500	~40	10	≥1	100	≤1.5	Φ8x7	AC Power			●	○	○	○
BGO1001A05-LC2	1000	≥800	≤2000	~60	5	≥1	100	≤1.5	Φ8x7	AC Power			●	○	●	○
BGO1001A10-LC2	1000	≥800	≤2500	~60	10	≥1	100	≤1.5	Φ8x7	AC Power			●	○	○	○

产品型号 Part Number	安装类别 Classification	保护模式 modes of protection	额定 工作电压 Un (VAC)	最大持续工作电压 UcMAX (VAC)	额定 通流能力 In (kA)	保护水平 Up		防水等级 IP code	阻燃等级 Flame Rating	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
														UL497B	UL1449	TUV	CQC
BSPD220C20P	T2	L-N,L-PE,N-PE	220	250	20	L-N/L-PE:1.5kV,N-PE:2.0kV		Ip20	UI94 V-0	41x30.5x32.3	AC Power			☐	☐	☐	☐
BSPD220C20P-1	T2	L-PE,N-PE	220	250	20	L-PE:1.5kV,N-PE:1.5kV		IP20	UL94 V-0	41x30.5x32.3	AC Power			☐	☐	☐	☐
BSPD220C20P-2	T2	L-PE,N-PE	220	300	20	L-PE:1.5kV,N-PE:1.5kV		IP20	UL94 V-0	41x30.5x32.3	AC Power			☐	☐	☐	☐
BSPD220C20P-5	T2	L-N,L-PE,N-PE	220	300	20	L-N:1.5kV,L-PE:2kV,N-PE:2kV		Ip20	UL94 V-0	41.6x31x38.2	AC Power			☐	☐	☐	☐
BSPD220C20P-6	T2	L-N,L-PE,N-PE	220	300	20	L-N:1.5kV,L-PE:2kV,N-PE:2kV		Ip20	UL94 V-0	41.6x31x38.2	AC Power			☐	☐	☐	☐
BSPD230C20PF-01	T2	L-N,L-PE,N-PE	220	300	20	L-N:2.5kV,L-PE:2.5kV,N-PE:2.5kV		Ip20	UL94 V-0	40.8x38x24	AC Power			☐	☐	☐	☐
BSPD230C20PF-04	T2	L-N,L-PE,N-PE	230	320	20	L-N:2kV,L-PE:2kV,N-PE:2kV		Ip20	UL94 V-0	40.8x38x24	AC Power			☐	☐	☐	☐
BSPD230C20PF-01A	T2	L-N,L-PE,N-PE	220	300	20	L-N:2.5kV,L-PE:2.5kV,N-PE:2.5kV		Ip20	UL94 V-0	40.8x38x24	AC Power			☐	☐	☐	☐
BSPD230C20PF-02	T2	L-N,L-PE,N-PE	230	320	20	L-N:2.5kV,L-PE:2.5kV,N-PE:2.5kV		Ip20	UL94 V-0	38.5x16.7x24	AC Power			☐	☐	☐	☐
BSPD277D05LF-01	T3	L-N,L-PE,N-PE	220	277	5	1.5kV/all model		Ip65	UL94 V-0	69.4x34x21.3	AC Power			☐	☐	☐	☐
BSPD277D05LF-01A	T3	L-N,L-PE,N-PE	220	277	5	1.5kV/all model		Ip65	UL94 V-0	69.4x34x21.3	AC Power			☐	☐	☐	☐

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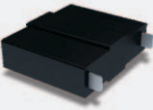
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产品型号 Part Number	最大工作电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage V _{1mA} (V)			GDT标称电压 DC Breakdown Voltage(V _{BR}) 100V/s (V)	配置电容 Capacitance Co(pF)	保护水平 Up	通流能力 Withstanding Surge Current		防水等级 IP code	阻燃等级 Flame Rating	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
	AC.rms	DC	Min	Ave	Max				I _n	I _{max}							UL497B	UL1449	TUV	CQC
BSPDPV20K-670H1	510	670	612	680	748	1680V±20%	0	1.8	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○
BSPDPV20K-900H1	680	900	900	1000	1100	1900V±20%	/	1.5	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○
BSPDPV20K-890H1	680	890	819	910	1001	2000V±20%	0	2.6	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○
BSPDPV20K-670H1A	510	670	533	560	644	1680V±20%	/	1.5	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○
BSPDPV20K-670H2	510	670	612	680	748	1680V±20%	47-1000	1.8	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○
BSPDPV20K-890H2	680	890	819	910	1001	2000V±20%	47-1000	2.6	10	20	IP20	UL94 V-0	34.2x14.3x30.3	AC/DC Power			○	○	○	○

产品型号 Part Number	最大工作电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage V _{1mA} (V)			通流能力 Withstanding Surge Current		防水等级 IP code	阻燃等级 Flame Rating	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	备注 Remarks			
	AC.rms	DC	Min	Max	Ave	I _n	I _{max}							UL497B	UL1449	TUV	CQC
BSPDPV20K-170L	130	170	180	220	200	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-180L	140	180	198	242	220	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-200L	150	200	216	264	240	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-225L	175	225	243	297	270	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-250L	190	250	270	330	300	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-275L	210	275	297	363	330	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-300L	230	300	324	396	360	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-320L	250	320	351	429	390	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-350L	275	350	387	473	430	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-385L	300	385	423	517	470	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-415L	320	415	459	561	510	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-460L	350	460	504	616	560	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-505L	385	505	558	682	620	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-560L	420	560	612	748	680	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-615L	460	615	675	825	750	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-670L	510	670	738	902	820	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-745L	575	745	819	1001	910	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-780L	625	780	855	1045	950	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-825L	625	825	900	1100	1000	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-895L	680	895	990	1210	1100	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○
BSPDPV20K-990L	750	990	1080	1320	1200	10	20	IP20	UL94 V-0	33.5x12x30	AC/DC Power			○	○	○	○

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产品型号 Part Number	推荐最大 工作电压 Recommended MCOV VAC(V)	UI认证最大 工作电压 UL MCOV VAC(V)	分立器件特性 Split Components Parameters		平台电压 Platform voltage V1000V/μs(V)	尖峰电压 Peak voltage V1000V/μs(V)	通流能力 Withstanding Surge Current	最大能量 Maximum Energy 10/1000μs(J)	结电容 Typical Capacitance (Reference) @1kHz (pf)	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
			压敏直流电压 MOV Voltage V1mA(V)	气体放电管直流开启电压 GDT Voltage V100V/5(V)										UL497B	UL1449	TUV	CQC
BMG07D820K351Y	60	70	82(74~90)	350(280~420)	≤150	≤1020	40@1.2/50-8/20μs 2kV-1kA	10	5	10x9x7.5	AC Power						
BMG07D101K091Y	70	85	100(90~110)	90(72~108)	≤180	≤710	40@1.2/50-8/20μs 2kV-1kA	12.5	5	10x9x7.5	AC Power						
BMG07D101K351Y	75	85	100(90~110)	350(280~420)	≤180	≤1020	40@1.2/50-8/20μs 2kV-1kA	12.5	5	10x9x7.5	AC Power						
BMG07D121K091Y	80	100	120(108~132)	90(72~108)	≤210	≤710	40@1.2/50-8/20μs 2kV-1kA	13	5	10x9x7.5	AC Power						
BMG07D121K351Y	90	100	120(108~132)	350(280~420)	≤210	≤1020	40@1.2/50-8/20μs 2kV-1kA	13	5	10x9x8	AC Power						
BMG07D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 2kV-1kA	15	5	10x9x8	AC Power						
BMG07D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 2kV-1kA	15	5	10x9x8	AC Power						
BMG07D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 2kV-1kA	16	5	10x9x8	AC Power						
BMG07D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 2kV-1kA	16	5	10x9x8	AC Power						
BMG07D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 2kV-1kA	17	5	10x9x8	AC Power						
BMG07D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 2kV-1kA	17	5	10x9x8	AC Power						
BMG07D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 2kV-1kA	19	5	10x9x8	AC Power						
BMG07D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 2kV-1kA	19	5	10x9x8	AC Power						
BMG07D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 2kV-1kA	21	5	10x9x8	AC Power						
BMG07D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 2kV-1kA	21	5	10x9x8	AC Power						
BMG07D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 2kV-1kA	24	5	10x9x8	AC Power						
BMG07D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 2kV-1kA	24	5	10x9x8	AC Power						
BMG07D301K351Y	200	250	300(270~330)	350(280~420)	≤530	≤1020	40@1.2/50-8/20μs 2kV-1kA	26	5	10x9x8.5	AC Power						
BMG07D301K601Y	230	250	300(270~330)	600(480~720)	≤530	≤1320	40@1.2/50-8/20μs 2kV-1kA	26	5	10x9x8.5	AC Power						
BMG07D331K351Y	220	280	330(297~363)	350(280~420)	≤580	≤1020	40@1.2/50-8/20μs 2kV-1kA	28	5	10x9x8.5	AC Power						
BMG07D331K601Y	250	280	330(297~363)	600(480~720)	≤580	≤1320	40@1.2/50-8/20μs 2kV-1kA	28	5	10x9x8.5	AC Power						
BMG07D361K351Y	240	300	360(324~396)	350(280~420)	≤640	≤1020	40@1.2/50-8/20μs 2kV-1kA	32	5	10x9x8.5	AC Power						
BMG07D361K601Y	270	300	360(324~396)	600(480~720)	≤640	≤1320	40@1.2/50-8/20μs 2kV-1kA	32	5	10x9x8.5	AC Power						
BMG07D391K351Y	260	330	390(351~429)	350(280~420)	≤690	≤1020	40@1.2/50-8/20μs 2kV-1kA	35	5	10x9x9	AC Power						
BMG07D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 2kV-1kA	35	5	10x9x9	AC Power						
BMG07D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 2kV-1kA	40	5	10x9x9	AC Power						
BMG07D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 2kV-1kA	40	5	10x9x9	AC Power						
BMG07D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 2kV-1kA	42	5	10x9x9	AC Power						
BMG07D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 2kV-1kA	42	5	10x9x9	AC Power						
BMG07D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 2kV-1kA	45	5	10x9x9	AC Power						
BMG07D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 2kV-1kA	45	5	10x9x9	AC Power						
BMG07D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 2kV-1kA	49	5	10x9x9	AC Power						

产品型号 Part Number	推荐最大 工作电压 Recommended MCOV VAC(V)	UI认证最大 工作电压 UL MCOV VAC(V)	分立器件特性 Split Components Parameters		平台电压 Platform voltage V1000Vμs(V)	尖峰电压 Peak voltage V1000V/μs(V)	通流能力 Withstanding Surge Current	最大能量 Maximum Energy 10/1000μs(J)	结电容 Typical Capacitance (Reference) @1kHz (pf)	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
			压敏直流电压 MOV Voltage V1mA(V)	气体放电管直流开启电压 GDT Voltage V100V/S(V)										UL497B	UL1449	TUV	CQC
BMG07D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 2kV-1kA	49	5	10x9x9	AC Power						
BMG07D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 2kV-1kA	55	5	10x9x10	AC Power						
BMG07D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 2kV-1kA	55	5	10x9x10	AC Power						
BMG07D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 2kV-1kA	60	5	10x9x10	AC Power						
BMG07D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 2kV-1kA	60	5	10x9x10	AC Power						
BMG07D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 2kV-1kA	64	5	10x9x10	AC Power						
BMG07D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 2kV-1kA	64	5	10x9x10	AC Power						
BMG10D820K091Y	55	70	82(74~90)	90(72~108)	≤150	≤710	40@1.2/50-8/20μs 4kV-2kA	17	5	15x13x7.5	AC Power						
BMG10D820K351Y	60	70	82(74~90)	350(280~420)	≤150	≤1020	40@1.2/50-8/20μs 4kV-2kA	17	5	15x13x7.5	AC Power						
BMG10D101K091Y	70	85	100(90~110)	90(72~108)	≤180	≤710	40@1.2/50-8/20μs 4kV-2kA	18	5	15x13x7.5	AC Power						
BMG10D101K351Y	75	85	100(90~110)	350(280~420)	≤180	≤1020	40@1.2/50-8/20μs 4kV-2kA	18	5	15x13x7.5	AC Power						
BMG10D121K091Y	80	100	120(108~132)	90(72~108)	≤210	≤710	40@1.2/50-8/20μs 4kV-2kA	21	5	15x13x7.5	AC Power						
BMG10D121K351Y	90	100	120(108~132)	350(280~420)	≤210	≤1020	40@1.2/50-8/20μs 4kV-2kA	21	5	15x13x8	AC Power						
BMG10D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 4kV-2kA	25	5	15x13x8	AC Power						
BMG10D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 4kV-2kA	25	5	15x13x8	AC Power						
BMG10D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 4kV-2kA	30	5	15x13x8	AC Power						
BMG10D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 4kV-2kA	30	5	15x13x8	AC Power						
BMG10D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 4kV-2kA	35	5	15x13x8	AC Power						
BMG10D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 4kV-2kA	35	5	15x13x8	AC Power						
BMG10D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 4kV-2kA	39	5	15x13x8	AC Power						
BMG10D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 4kV-2kA	39	5	15x13x8	AC Power						
BMG10D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 4kV-2kA	42	5	15x13x8	AC Power						
BMG10D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 4kV-2kA	42	5	15x13x8	AC Power						
BMG10D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 4kV-2kA	49	5	15x13x8	AC Power						
BMG10D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 4kV-2kA	49	5	15x13x8	AC Power						
BMG10D301K351Y	200	250	300(270~330)	350(280~420)	≤530	≤1020	40@1.2/50-8/20μs 4kV-2kA	54	5	15x13x8.5	AC Power						
BMG10D301K601Y	230	250	300(270~330)	600(480~720)	≤530	≤1320	40@1.2/50-8/20μs 4kV-2kA	54	5	15x13x8.5	AC Power						
BMG10D331K351Y	220	280	330(297~363)	350(280~420)	≤580	≤1020	40@1.2/50-8/20μs 4kV-2kA	58	5	15x13x8.5	AC Power						
BMG10D331K601Y	250	280	330(297~363)	600(480~720)	≤580	≤1320	40@1.2/50-8/20μs 4kV-2kA	58	5	15x13x8.5	AC Power						
BMG10D361K351Y	240	300	360(324~396)	350(280~420)	≤640	≤1020	40@1.2/50-8/20μs 4kV-2kA	65	5	15x13x8.5	AC Power						
BMG10D361K601Y	270	300	360(324~396)	600(480~720)	≤640	≤1320	40@1.2/50-8/20μs 4kV-2kA	65	5	15x13x8.5	AC Power						
BMG10D391K351Y	260	330	390(351~429)	350(280~420)	≤690	≤1020	40@1.2/50-8/20μs 4kV-2kA	70	5	15x13x9	AC Power						

产品型号 Part Number	推荐最大 工作电压 Recommended MCOV VAC(V)	UI认证最大 工作电压 UL MCOV VAC(V)	分立器件特性 Split Components Parameters		平台电压 Platform voltage V1000V/μs(V)	尖峰电压 Peak voltage V1000V/μs(V)	通流能力 Withstanding Surge Current	最大能量 Maximum Energy 10/1000μs(J)	结电容 Typical Capacitance (Reference) @1kHz (pf)	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
			压敏直流电压 MOV Voltage V1mA(V)	气体放电管直流开启电压 GDT Voltage V100V/S(V)										UL497B	UL1449	TUV	CQC
BMG10D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 4kV-2kA	70	5	15x13x9	AC Power						
BMG10D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 4kV-2kA	80	5	15x13x9	AC Power						
BMG10D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 4kV-2kA	80	5	15x13x9	AC Power						
BMG10D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 4kV-2kA	85	5	15x13x9	AC Power						
BMG10D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 4kV-2kA	85	5	15x13x9	AC Power						
BMG10D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 4kV-2kA	90	5	15x13x9	AC Power						
BMG10D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 4kV-2kA	90	5	15x13x9	AC Power						
BMG10D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 4kV-2kA	92	5	15x13x9	AC Power						
BMG10D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 4kV-2kA	92	5	15x13x9	AC Power						
BMG10D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 4kV-2kA	95	5	15x13x10	AC Power						
BMG10D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 4kV-2kA	95	5	15x13x10	AC Power						
BMG10D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 4kV-2kA	98	5	15x13x10	AC Power						
BMG10D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 4kV-2kA	98	5	15x13x10	AC Power						
BMG10D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 4kV-2kA	100	5	15x13x10	AC Power						
BMG10D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 4kV-2kA	100	5	15x13x10	AC Power						
BMG14D820K091Y	55	70	82(74~90)	90(72~108)	≤150	≤710	40@1.2/50-8/20μs 6kV-3kA	27	5	20x16x7.5	AC Power						
BMG14D820K351Y	60	70	82(74~90)	350(280~420)	≤150	≤1020	40@1.2/50-8/20μs 6kV-3kA	27	5	20x16x7.5	AC Power						
BMG14D101K091Y	70	85	100(90~110)	90(72~108)	≤180	≤710	40@1.2/50-8/20μs 6kV-3kA	33	5	20x16x7.5	AC Power						
BMG14D101K351Y	75	85	100(90~110)	350(280~420)	≤180	≤1020	40@1.2/50-8/20μs 6kV-3kA	33	5	20x16x7.5	AC Power						
BMG14D121K091Y	80	100	120(108~132)	90(72~108)	≤210	≤710	40@1.2/50-8/20μs 6kV-3kA	40	5	20x16x7.5	AC Power						
BMG14D121K351Y	90	100	120(108~132)	350(280~420)	≤210	≤1020	40@1.2/50-8/20μs 6kV-3kA	40	5	20x16x8	AC Power						
BMG14D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 6kV-3kA	53	5	20x16x8	AC Power						
BMG14D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 6kV-3kA	53	5	20x16x8	AC Power						
BMG14D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 6kV-3kA	60	5	20x16x8	AC Power						
BMG14D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 6kV-3kA	60	5	20x16x8	AC Power						
BMG14D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 6kV-3kA	70	5	20x16x8	AC Power						
BMG14D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 6kV-3kA	70	5	20x16x8	AC Power						
BMG14D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 6kV-3kA	78	5	20x16x8	AC Power						
BMG14D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 6kV-3kA	78	5	20x16x8	AC Power						
BMG14D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 6kV-3kA	84	5	20x16x8	AC Power						
BMG14D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 6kV-3kA	84	5	20x16x8	AC Power						
BMG14D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 6kV-3kA	99	5	20x16x8	AC Power						

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			压敏直流电压 MOV Voltage V1mA(V)	气体放电管直流开启电压 GDT Voltage V100V/S(V)										UL497B	UL1449	TUV	CQC
BMG14D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 6kV-3kA	99	5	20x16x8	AC Power						
BMG14D301K351Y	200	250	300(270~330)	350(280~420)	≤530	≤1020	40@1.2/50-8/20μs 6kV-3kA	108	5	20x16x8.5	AC Power						
BMG14D301K601Y	230	250	300(270~330)	600(480~720)	≤530	≤1320	40@1.2/50-8/20μs 6kV-3kA	108	5	20x16x8.5	AC Power						
BMG14D331K351Y	220	280	330(297~363)	350(280~420)	≤580	≤1020	40@1.2/50-8/20μs 6kV-3kA	115	5	20x16x8.5	AC Power						
BMG14D331K601Y	250	280	330(297~363)	600(480~720)	≤580	≤1320	40@1.2/50-8/20μs 6kV-3kA	115	5	20x16x8.5	AC Power						
BMG14D361K351Y	240	300	360(324~396)	350(280~420)	≤640	≤1020	40@1.2/50-8/20μs 6kV-3kA	130	5	20x16x8.5	AC Power						
BMG14D361K601Y	270	300	360(324~396)	600(480~720)	≤640	≤1320	40@1.2/50-8/20μs 6kV-3kA	130	5	20x16x8.5	AC Power						
BMG14D391K351Y	260	330	390(351~429)	350(280~420)	≤690	≤1020	40@1.2/50-8/20μs 6kV-3kA	140	5	20x16x9	AC Power						
BMG14D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 6kV-3kA	140	5	20x16x9	AC Power						
BMG14D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 6kV-3kA	155	5	20x16x9	AC Power						
BMG14D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 6kV-3kA	155	5	20x16x9	AC Power						
BMG14D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 6kV-3kA	175	5	20x16x9	AC Power						
BMG14D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 6kV-3kA	175	5	20x16x9	AC Power						
BMG14D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 6kV-3kA	180	5	20x16x9	AC Power						
BMG14D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 6kV-3kA	180	5	20x16x9	AC Power						
BMG14D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 6kV-3kA	185	5	20x16x9	AC Power						
BMG14D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 6kV-3kA	185	5	20x16x9	AC Power						
BMG14D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 6kV-3kA	190	5	20x16x10	AC Power						
BMG14D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 6kV-3kA	190	5	20x16x10	AC Power						
BMG14D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 6kV-3kA	200	5	20x16x10	AC Power						
BMG14D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 6kV-3kA	200	5	20x16x10	AC Power						
BMG14D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 6kV-3kA	210	5	20x16x10	AC Power						
BMG14D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 6kV-3kA	210	5	20x16x10	AC Power						
BMG20D820K091Y	55	70	82(74~90)	90(72~108)	≤150	≤710	20@8/20μs 5kA	56	5	25x23x7.5	AC Power						
BMG20D820K351Y	60	70	82(74~90)	350(280~420)	≤150	≤1020	20@8/20μs 5kA	56	5	25x23x7.5	AC Power						
BMG20D101K091Y	70	85	100(90~110)	90(72~108)	≤180	≤710	20@8/20μs 5kA	70	5	25x23x7.5	AC Power						
BMG20D101K351Y	75	85	100(90~110)	350(280~420)	≤180	≤1020	20@8/20μs 5kA	70	5	25x23x7.5	AC Power						
BMG20D121K091Y	80	100	120(108~132)	90(72~108)	≤210	≤710	20@8/20μs 5kA	85	5	25x23x7.5	AC Power						
BMG20D121K351Y	90	100	120(108~132)	350(280~420)	≤210	≤1020	20@8/20μs 5kA	85	5	25x23x8	AC Power						
BMG20D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	20@8/20μs 5kA	106	5	25x23x8	AC Power						
BMG20D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	20@8/20μs 5kA	106	5	25x23x8	AC Power						
BMG20D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	20@8/20μs 5kA	130	5	25x23x8	AC Power						

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			压敏直电压 MOV Voltage V1mA(V)	气体放电管直流开启电压 GDT Voltage V100V/S(V)										UL497B	UL1449	TUV	CQC
BMG20D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	20@8/20μs 5kA	130	5	25x23x8	AC Power						
BMG20D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	20@8/20μs 5kA	140	5	25x23x8	AC Power						
BMG20D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	20@8/20μs 5kA	140	5	25x23x8	AC Power						
BMG20D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	20@8/20μs 5kA	155	5	25x23x8	AC Power						
BMG20D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	20@8/20μs 5kA	155	5	25x23x8	AC Power						
BMG20D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	20@8/20μs 5kA	168	5	25x23x8	AC Power						
BMG20D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	20@8/20μs 5kA	168	5	25x23x8	AC Power						
BMG20D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	20@8/20μs 5kA	190	5	25x23x8	AC Power						
BMG20D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	20@8/20μs 5kA	190	5	25x23x8	AC Power						
BMG20D301K351Y	200	250	300(270~330)	350(280~420)	≤530	≤1020	20@8/20μs 5kA	210	5	25x23x8.5	AC Power						
BMG20D301K601Y	230	250	300(270~330)	600(480~720)	≤530	≤1320	20@8/20μs 5kA	210	5	25x23x8.5	AC Power						
BMG20D331K351Y	220	280	330(297~363)	350(280~420)	≤580	≤1020	20@8/20μs 5kA	228	5	25x23x8.5	AC Power						
BMG20D331K601Y	250	280	330(297~363)	600(480~720)	≤580	≤1320	20@8/20μs 5kA	228	5	25x23x8.5	AC Power						
BMG20D361K351Y	240	300	360(324~396)	350(280~420)	≤640	≤1020	20@8/20μs 5kA	255	5	25x23x8.5	AC Power						
BMG20D361K601Y	270	300	360(324~396)	600(480~720)	≤640	≤1320	20@8/20μs 5kA	255	5	25x23x8.5	AC Power						
BMG20D391K351Y	260	330	390(351~429)	350(280~420)	≤690	≤1020	20@8/20μs 5kA	275	5	25x23x9	AC Power						
BMG20D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	20@8/20μs 5kA	275	5	25x23x9	AC Power						
BMG20D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	20@8/20μs 5kA	305	5	25x23x9	AC Power						
BMG20D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	20@8/20μs 5kA	305	5	25x23x9	AC Power						
BMG20D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	20@8/20μs 5kA	350	5	25x23x9	AC Power						
BMG20D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	20@8/20μs 5kA	350	5	25x23x9	AC Power						
BMG20D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	20@8/20μs 5kA	360	5	25x23x9	AC Power						
BMG20D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	20@8/20μs 5kA	360	5	25x23x9	AC Power						
BMG20D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	20@8/20μs 5kA	380	5	25x23x9	AC Power						
BMG20D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	20@8/20μs 5kA	380	5	25x23x9	AC Power						
BMG20D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	20@8/20μs 5kA	390	5	25x23x10	AC Power						
BMG20D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	20@8/20μs 5kA	390	5	25x23x10	AC Power						
BMG20D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	20@8/20μs 5kA	400	5	25x23x10	AC Power						
BMG20D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	20@8/20μs 5kA	400	5	25x23x10	AC Power						
BMG20D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	20@8/20μs 5kA	420	5	25x23x10	AC Power						
BMG20D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	20@8/20μs 5kA	420	5	25x23x10	AC Power						
BMG20D820K091Y	55	70	82(74~90)	90(72~108)	≤150	≤710	20@8/20μs 5kA	56	5	25x23x7.5	AC Power						

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产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV07D180K	BMOV07D180KH	11	12	18(15~21.6)	2.5	36	250	500	0.9	2	0.02	2800	-40℃~+105℃	13x10x4.9	AC Power						
BMOV07D220K	BMOV07D220KH	14	18	22(19.5~26)	2.5	43	250	500	1.1	2.4	0.02	2300	-40℃~+105℃	13x10x5	AC Power						
BMOV07D270K	BMOV07D270KH	17	22	27(24~31)	2.5	53	250	500	1.4	3	0.02	1800	-40℃~+105℃	13x10x5.2	AC Power						
BMOV07D330K	BMOV07D330KH	20	26	33(29.5~36.5)	2.5	65	250	500	1.7	3.5	0.02	1500	-40℃~+105℃	13x10x5.3	AC Power						
BMOV07D390K	BMOV07D390KH	25	31	39(35~43)	2.5	77	250	500	2.1	4	0.02	1300	-40℃~+105℃	13x10x5.5	AC Power						
BMOV07D470K	BMOV07D470KH	30	38	47(42~52)	2.5	93	250	500	2.5	5	0.02	1100	-40℃~+105℃	13x10x5.4	AC Power						
BMOV07D560K	BMOV07D560KH	35	45	56(50~62)	2.5	110	250	500	3.1	6	0.02	890	-40℃~+105℃	13x10x5.6	AC Power						
BMOV07D680K	BMOV07D680KH	40	56	68(61~75)	2.5	135	250	500	3.6	7	0.02	740	-40℃~+105℃	13x10x5.9	AC Power						
BMOV07D820K	BMOV07D820KH	50	65	82(74~90)	10	145	1200	1750	5	10	0.25	600	-40℃~+105℃	13x10x4.9	AC Power						
BMOV07D101K	BMOV07D101KH	60	85	100(90~110)	10	165	1200	1750	15	12.5	0.25	500	-40℃~+105℃	13x10x5	AC Power						
BMOV07D121K	BMOV07D121KH	75	100	120(108~132)	10	200	1200	1750	7.8	13	0.25	420	-40℃~+105℃	13x10x5.2	AC Power						
BMOV07D151K	BMOV07D151KH	95	125	150(135~165)	10	250	1200	1750	9.7	15	0.25	330	-40℃~+105℃	13x10x5	AC Power						
BMOV07D181K	BMOV07D181KH	115	150	180(162~198)	10	300	1200	1750	11.7	16	0.25	280	-40℃~+105℃	13x10x5.2	AC Power						
BMOV07D201K	BMOV07D201KH	130	170	200(180~220)	10	340	1200	1750	13	17	0.25	250	-40℃~+105℃	13x10x5.3	AC Power						
BMOV07D221K	BMOV07D221KH	140	180	220(198~242)	10	360	1200	1750	14	19	0.25	230	-40℃~+105℃	13x10x5.4	AC Power						
BMOV07D241K	BMOV07D241KH	150	200	240(216~264)	10	395	1200	1750	15	21	0.25	210	-40℃~+105℃	13x10x5.5	AC Power						
BMOV07D271K	BMOV07D271KH	175	225	270(243~297)	10	455	1200	1750	18	24	0.25	185	-40℃~+105℃	13x10x5.7	AC Power						
BMOV07D301K	BMOV07D301KH	190	250	300(270~330)	10	500	1200	1750	20	26	0.25	165	-40℃~+105℃	13x10x5.9	AC Power						
BMOV07D331K	BMOV07D331KH	210	275	330(297~363)	10	550	1200	1750	23	28	0.25	150	-40℃~+105℃	13x10x6	AC Power						
BMOV07D361K	BMOV07D361KH	230	300	360(324~396)	10	595	1200	1750	24	32	0.25	140	-40℃~+105℃	13x10x6.2	AC Power						
BMOV07D391K	BMOV07D391KH	250	320	390(351~429)	10	650	1200	1750	26	35	0.25	130	-40℃~+105℃	13x10x6.4	AC Power						
BMOV07D431K	BMOV07D431KH	275	350	430(387~473)	10	710	1200	1750	28	40	0.25	115	-40℃~+105℃	13x10x6.7	AC Power						
BMOV07D471K	BMOV07D471KH	300	385	470(423~517)	10	775	1200	1750	29	42	0.25	105	-40℃~+105℃	13x10x6.9	AC Power						
BMOV07D511K	BMOV07D511KH	320	415	510(459~561)	10	845	1200	1750	31	45	0.25	100	-40℃~+105℃	13x10x7.1	AC Power						
BMOV07D561K	BMOV07D561KH	350	460	560(504~616)	10	925	1200	1750	35	49	0.25	90	-40℃~+105℃	13x10x7.4	AC Power						
BMOV07D621K	BMOV07D621KH	385	505	620(558~682)	10	1025	1200	1750	38	55	0.25	80	-40℃~+105℃	13x10x7.8	AC Power						
BMOV07D681K	BMOV07D681KH	420	560	680(612~748)	10	1120	1200	1750	42	60	0.25	75	-40℃~+105℃	13x10x8.1	AC Power						
BMOV07D751K	BMOV07D751KH	460	615	750(675~825)	10	1240	1200	1750	45	64	0.25	70	-40℃~+105℃	13x10x8.6	AC Power						
BMOV07D781K	BMOV07D781KH	485	640	780(702~858)	10	1290	1200	1750	48	69	0.25	65	-40℃~+105℃	13x10x8.7	AC Power						
BMOV07D821K	BMOV07D821KH	510	670	820(738~902)	10	1355	1200	1750	52	73	0.25	60	-40℃~+105℃	13x10x8.9	AC Power						
BMOV10D180K	BMOV10D180KH	11	12	18(15~21.6)	5	36	500	1000	2.1	3	0.05	5600	-40℃~+105℃	16.5x14x5.3	AC Power						
BMOV10D220K	BMOV10D220KH	14	18	22(19.5~26)	5	43	500	1000	2.5	5	0.05	4500	-40℃~+105℃	16.5x14x5.4	AC Power						

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常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV10D270K	BMOV10D270KH	17	22	27(24~31)	5	53	500	1000	3	6	0.05	3700	-40℃~+105℃	16.5x14x5.6	AC Power						
BMOV10D330K	BMOV10D330KH	20	26	33(29.5~36.5)	5	65	500	1000	4	7	0.05	3000	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV10D390K	BMOV10D390KH	25	31	39(35~43)	5	77	500	1000	4.6	9	0.05	2400	-40℃~+105℃	16.5x14x5.6	AC Power						
BMOV10D470K	BMOV10D470KH	30	38	47(42~52)	5	93	500	1000	5.5	11	0.05	2100	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV10D560K	BMOV10D560KH	35	45	56(50~62)	5	110	500	1000	7	13	0.05	1800	-40℃~+105℃	16.5x14x6	AC Power						
BMOV10D680K	BMOV10D680KH	40	56	68(61~75)	5	135	500	1000	8.2	15	0.05	1500	-40℃~+105℃	16.5x14x6.3	AC Power						
BMOV10D820K	BMOV10D820KH	50	65	82(74~90)	25	145	2500	3500	12	17	0.4	1200	-40℃~+105℃	16.5x14x5.3	AC Power						
BMOV10D101K	BMOV10D101KH	60	85	100(90~110)	25	165	2500	3500	15	18	0.4	1000	-40℃~+105℃	16.5x14x5.5	AC Power						
BMOV10D121K	BMOV10D121KH	75	100	120(108~132)	25	200	2500	3500	18	21	0.4	830	-40℃~+105℃	16.5x14x5.7	AC Power						
BMOV10D151K	BMOV10D151KH	95	125	150(135~165)	25	250	2500	3500	22	25	0.4	670	-40℃~+105℃	16.5x14x5.4	AC Power						
BMOV10D181K	BMOV10D181KH	115	150	180(162~198)	25	300	2500	3500	27	30	0.4	560	-40℃~+105℃	16.5x14x5.6	AC Power						
BMOV10D201K	BMOV10D201KH	130	170	200(180~220)	25	340	2500	3500	30	35	0.4	500	-40℃~+105℃	16.5x14x5.7	AC Power						
BMOV10D221K	BMOV10D221KH	140	180	220(198~242)	25	360	2500	3500	32	39	0.4	450	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV10D241K	BMOV10D241KH	150	200	240(216~264)	25	395	2500	3500	35	42	0.4	420	-40℃~+105℃	16.5x14x5.9	AC Power						
BMOV10D271K	BMOV10D271KH	175	225	270(243~297)	25	455	2500	3500	37	42	0.4	370	-40℃~+105℃	16.5x14x6.1	AC Power						
BMOV10D301K	BMOV10D301KH	190	250	300(270~330)	25	500	2500	3500	40	54	0.4	330	-40℃~+105℃	16.5x14x6.3	AC Power						
BMOV10D331K	BMOV10D331KH	210	275	330(297~363)	25	550	2500	3500	43	58	0.4	300	-40℃~+105℃	16.5x14x6.5	AC Power						
BMOV10D361K	BMOV10D361KH	230	300	360(324~396)	25	595	2500	3500	47	65	0.4	280	-40℃~+105℃	16.5x14x6.6	AC Power						
BMOV10D391K	BMOV10D391KH	250	320	390(351~429)	25	650	2500	3500	60	70	0.4	260	-40℃~+105℃	16.5x14x6.8	AC Power						
BMOV10D431K	BMOV10D431KH	275	350	430(387~473)	25	710	2500	3500	65	80	0.4	230	-40℃~+105℃	16.5x14x7	AC Power						
BMOV10D471K	BMOV10D471KH	300	385	470(423~517)	25	775	2500	3500	67	85	0.4	210	-40℃~+105℃	16.5x14x7.3	AC Power						
BMOV10D511K	BMOV10D511KH	320	415	510(459~561)	25	845	2500	3500	69	90	0.4	200	-40℃~+105℃	16.5x14x7.5	AC Power						
BMOV10D561K	BMOV10D561KH	350	460	560(504~616)	25	925	2500	3500	70	92	0.4	180	-40℃~+105℃	16.5x14x7.8	AC Power						
BMOV10D621K	BMOV10D621KH	385	505	620(558~682)	25	1025	2500	3500	72	95	0.4	160	-40℃~+105℃	16.5x14x8.3	AC Power						
BMOV10D681K	BMOV10D681KH	420	560	680(612~748)	25	1120	2500	3500	75	98	0.4	150	-40℃~+105℃	16.5x14x8.5	AC Power						
BMOV10D751K	BMOV10D751KH	460	615	750(675~825)	25	1240	2500	3500	77	100	0.4	130	-40℃~+105℃	16.5x14x8.6	AC Power						
BMOV10D781K	BMOV10D781KH	485	640	780(702~858)	25	1290	2500	3500	80	105	0.4	125	-40℃~+105℃	16.5x14x8.7	AC Power						
BMOV10D821K	BMOV10D821KH	510	670	820(738~902)	25	1355	2500	3500	85	110	0.4	120	-40℃~+105℃	16.5x14x8.9	AC Power						
BMOV10D911K	BMOV10D911KH	550	745	910(819~1001)	25	1500	2500	3500	93	130	0.4	110	-40℃~+105℃	16.5x14x9	AC Power						
BMOV10D102K	BMOV10D102KH	625	825	1000(900~1100)	25	1650	2500	3500	102	140	0.4	100	-40℃~+105℃	16.5x14x9.4	AC Power						
BMOV10D112K	BMOV10D112KH	680	895	1100(990~1210)	25	1815	2500	3500	115	155	0.4	90	-40℃~+105℃	16.5x14x9.9	AC Power						
BMOV14D180K	BMOV14D180KH	11	12	18(15~21.6)	10	36	1000	2000	4	7	0.1	11100	-40℃~+105℃	16.5x14x5.3	AC Power						

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常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV14D220K	BMOV14D220KH	14	18	22(19.5~26)	10	43	1000	2000	5	8	0.1	9100	-40℃~+105℃	16.5x14x5.4	AC Power						
BMOV14D270K	BMOV14D270KH	17	22	27(24~31)	10	53	1000	2000	6	10	0.1	7400	-40℃~+105℃	16.5x14x5.6	AC Power						
BMOV14D330K	BMOV14D330KH	20	26	33(29.5~36.5)	10	65	1000	2000	7.5	12	0.1	6100	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV14D390K	BMOV14D390KH	25	31	39(35~43)	10	77	1000	2000	8.6	13	0.1	5100	-40℃~+105℃	16.5x14x5.6	AC Power						
BMOV14D470K	BMOV14D470KH	30	38	47(42~52)	10	93	1000	2000	10	17	0.1	4300	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV14D560K	BMOV14D560KH	35	45	56(50~62)	10	110	1000	2000	11	20	0.1	3600	-40℃~+105℃	16.5x14x6.1	AC Power						
BMOV14D680K	BMOV14D680KH	40	56	68(61~75)	10	135	1000	2000	14	24	0.1	2900	-40℃~+105℃	16.5x14x6.4	AC Power						
BMOV14D820K	BMOV14D820KH	50	65	82(74~90)	50	145	4500	6000	22	27	0.6	2400	-40℃~+105℃	16.5x14x5.3	AC Power						
BMOV14D101K	BMOV14D101KH	60	85	100(90~110)	50	165	4500	6000	28	33	0.6	2000	-40℃~+105℃	16.5x14x5.5	AC Power						
BMOV14D121K	BMOV14D121KH	75	100	120(108~132)	50	200	4500	6000	32	40	0.6	1700	-40℃~+105℃	16.5x14x5.7	AC Power						
BMOV14D151K	BMOV14D151KH	95	125	150(135~165)	50	250	4500	6000	40	53	0.6	1300	-40℃~+105℃	16.5x14x5.5	AC Power						
BMOV14D181K	BMOV14D181KH	115	150	180(162~198)	50	300	4500	6000	50	60	0.6	1100	-40℃~+105℃	16.5x14x5.7	AC Power						
BMOV14D201K	BMOV14D201KH	130	170	200(180~220)	50	340	4500	6000	57	70	0.6	1000	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV14D221K	BMOV14D221KH	140	180	220(198~242)	50	360	4500	6000	60	78	0.6	900	-40℃~+105℃	16.5x14x5.8	AC Power						
BMOV14D241K	BMOV14D241KH	150	200	240(216~264)	50	395	4500	6000	63	84	0.6	830	-40℃~+105℃	16.5x14x6	AC Power						
BMOV14D271K	BMOV14D271KH	175	225	270(243~297)	50	455	4500	6000	70	99	0.6	740	-40℃~+105℃	16.5x14x6.2	AC Power						
BMOV14D301K	BMOV14D301KH	190	250	300(270~330)	50	500	4500	6000	77	108	0.6	670	-40℃~+105℃	16.5x14x6.3	AC Power						
BMOV14D331K	BMOV14D331KH	210	275	330(297~363)	50	550	4500	6000	85	115	0.6	610	-40℃~+105℃	16.5x14x6.5	AC Power						
BMOV14D361K	BMOV14D361KH	230	300	360(324~396)	50	595	4500	6000	93	130	0.6	560	-40℃~+105℃	16.5x14x6.7	AC Power						
BMOV14D391K	BMOV14D391KH	250	320	390(351~429)	50	650	4500	6000	100	140	0.6	510	-40℃~+105℃	16.5x14x6.9	AC Power						
BMOV14D431K	BMOV14D431KH	275	350	430(387~473)	50	710	4500	6000	115	155	0.6	460	-40℃~+105℃	16.5x14x7.1	AC Power						
BMOV14D471K	BMOV14D471KH	300	385	470(423~517)	50	775	4500	6000	118	175	0.6	430	-40℃~+105℃	16.5x14x7.4	AC Power						
BMOV14D511K	BMOV14D511KH	320	415	510(459~561)	50	845	4500	6000	121	180	0.6	390	-40℃~+105℃	16.5x14x7.6	AC Power						
BMOV14D561K	BMOV14D561KH	350	460	560(504~616)	50	925	4500	6000	125	185	0.6	360	-40℃~+105℃	16.5x14x7.9	AC Power						
BMOV14D621K	BMOV14D621KH	385	505	620(558~682)	50	1025	4500	6000	128	190	0.6	320	-40℃~+105℃	16.5x14x8.3	AC Power						
BMOV14D681K	BMOV14D681KH	420	560	680(612~748)	50	1120	4500	6000	130	200	0.6	290	-40℃~+105℃	16.5x14x8.7	AC Power						
BMOV14D751K	BMOV14D751KH	460	615	750(675~825)	50	1240	4500	6000	143	210	0.6	270	-40℃~+105℃	16.5x14x8.7	AC Power						
BMOV14D781K	BMOV14D781KH	485	640	780(702~858)	50	1290	4500	6000	148	220	0.6	260	-40℃~+105℃	16.5x14x8.8	AC Power						
BMOV14D821K	BMOV14D821KH	510	670	820(738~902)	50	1355	4500	6000	157	235	0.6	240	-40℃~+105℃	16.5x14x9	AC Power						
BMOV14D911K	BMOV14D911KH	550	745	910(819~1001)	50	1500	4500	6000	175	255	0.6	220	-40℃~+105℃	16.5x14x9.1	AC Power						
BMOV14D102K	BMOV14D102KH	625	825	1000(900~1100)	50	1650	4500	6000	190	280	0.6	200	-40℃~+105℃	16.5x14x9.5	AC Power						
BMOV14D112K	BMOV14D112KH	680	895	1100(990~1210)	50	1815	4500	6000	213	310	0.6	180	-40℃~+105℃	16.5x14x10	AC Power						

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产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage V _{1mA} (V)	最大钳位电压 Maximum Clamping Voltage V _C (V)		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs) (J)		额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference) @1kHz (pf)	工作温度范围 Operating Temperature	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	Standard (J)	High Surge (J)	(W)	@1kHz (pf)						UL497B	UL1449	TUV	CQC
BMOV14D122K	BMOV14D122KH	750	990	1200(1080~1320)	50	1980	4500	6000	232	324	0.6	160	-40℃~+105℃	16.5x14x10.5	AC Power						
BMOV14D142K	BMOV14D142KH	880	1140	1400(1260~1540)	50	2310	4500	6000	238	327	0.6	150	-40℃~+105℃	16.5x14x11.5	AC Power						
BMOV14D162K	BMOV14D162KH	1000	1280	1600(1440~1760)	50	2640	4500	6000	243	331	0.6	140	-40℃~+105℃	16.5x14x12.5	AC Power						
BMOV14D182K	BMOV14D182KH	1100	1465	1800(1620~1980)	50	2970	4500	5000	250	335	0.6	130	-40℃~+105℃	16.5x14x13.5	AC Power						
BMOV20D180K	BMOV20D180KH	11	12	18(15~21.6)	20	36	2000	3000	11	13	0.2	28500	-40℃~+105℃	26x23x4.7	AC Power						
BMOV20D220K	BMOV20D220KH	14	18	22(19.5~26)	20	43	2000	3000	14	16	0.2	18500	-40℃~+105℃	26x23x4.9	AC Power						
BMOV20D270K	BMOV20D270KH	17	22	27(24~31)	20	53	2000	3000	16	19	0.2	13000	-40℃~+105℃	26x23x5.1	AC Power						
BMOV20D330K	BMOV20D330KH	20	26	33(29.5~36.5)	20	65	2000	3000	23	24	0.2	11500	-40℃~+105℃	26x23x5.4	AC Power						
BMOV20D390K	BMOV20D390KH	25	31	39(35~43)	20	77	2000	3000	26	28	0.2	8500	-40℃~+105℃	26x23x5.5	AC Power						
BMOV20D470K	BMOV20D470KH	30	38	47(42~52)	20	93	2000	3000	30	34	0.2	7400	-40℃~+105℃	26x23x4.9	AC Power						
BMOV20D560K	BMOV20D560KH	35	45	56(50~62)	20	110	2000	3000	38	44	0.2	6500	-40℃~+105℃	26x23x5.1	AC Power						
BMOV20D680K	BMOV20D680KH	40	56	68(61~75)	20	135	2000	3000	41	49	0.2	5800	-40℃~+105℃	26x23x5.3	AC Power						
BMOV20D820K	BMOV20D820KH	50	65	82(74~90)	100	145	6500	10000	45	56	1	4900	-40℃~+105℃	26x23x4.7	AC Power						
BMOV20D101K	BMOV20D101KH	60	85	100(90~110)	100	165	6500	10000	50	70	1	4000	-40℃~+105℃	26x23x4.9	AC Power						
BMOV20D121K	BMOV20D121KH	75	100	120(108~132)	100	200	6500	10000	55	85	1	3300	-40℃~+105℃	26x23x5.1	AC Power						
BMOV20D151K	BMOV20D151KH	95	125	150(135~165)	100	250	6500	10000	70	106	1	2700	-40℃~+105℃	26x23x5.4	AC Power						
BMOV20D181K	BMOV20D181KH	115	150	180(162~198)	100	300	6500	10000	85	130	1	2200	-40℃~+105℃	26x23x4.7	AC Power						
BMOV20D201K	BMOV20D201KH	130	170	200(180~220)	100	340	6500	10000	95	140	1	2000	-40℃~+105℃	26x23x4.9	AC Power						
BMOV20D221K	BMOV20D221KH	140	180	220(198~242)	100	360	6500	10000	100	155	1	1800	-40℃~+105℃	26x23x4.9	AC Power						
BMOV20D241K	BMOV20D241KH	150	200	240(216~264)	100	395	6500	10000	108	168	1	1650	-40℃~+105℃	26x23x5	AC Power						
BMOV20D271K	BMOV20D271KH	175	225	270(243~297)	100	455	6500	10000	127	190	1	1500	-40℃~+105℃	26x23x5.2	AC Power						
BMOV20D301K	BMOV20D301KH	190	250	300(270~330)	100	500	6500	10000	136	210	1	1300	-40℃~+105℃	26x23x5.2	AC Power						
BMOV20D331K	BMOV20D331KH	210	275	330(297~363)	100	550	6500	10000	150	228	1	1200	-40℃~+105℃	26x23x5.4	AC Power						
BMOV20D361K	BMOV20D361KH	230	300	360(324~396)	100	595	6500	10000	163	255	1	1100	-40℃~+105℃	26x23x5.4	AC Power						
BMOV20D391K	BMOV20D391KH	250	320	390(351~429)	100	650	6500	10000	180	275	1	1000	-40℃~+105℃	26x23x5.6	AC Power						
BMOV20D431K	BMOV20D431KH	275	350	430(387~473)	100	710	6500	10000	190	305	1	930	-40℃~+105℃	26x23x5.9	AC Power						
BMOV20D471K	BMOV20D471KH	300	385	470(423~517)	100	775	6500	10000	204	350	1	8500	-40℃~+105℃	26x23x6	AC Power						
BMOV20D511K	BMOV20D511KH	320	415	510(459~561)	100	845	6500	10000	210	360	1	780	-40℃~+105℃	26x23x6.2	AC Power						
BMOV20D561K	BMOV20D561KH	350	460	560(504~616)	100	925	6500	10000	215	380	1	710	-40℃~+105℃	26x23x6.5	AC Power						
BMOV20D621K	BMOV20D621KH	385	505	620(558~682)	100	1025	6500	10000	224	390	1	650	-40℃~+105℃	26x23x6.8	AC Power						
BMOV20D681K	BMOV20D681KH	420	560	680(612~748)	100	1120	6500	10000	230	400	1	600	-40℃~+105℃	26x23x7.1	AC Power						
BMOV20D751K	BMOV20D751KH	460	615	750(675~825)	100	1240	6500	10000	255	420	1	530	-40℃~+105℃	26x23x7.5	AC Power						

产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV20D781K	BMOV20D781KH	485	640	780(702~858)	100	1290	6500	10000	265	440	1	510	-40℃~+105℃	26x23x7.7	AC Power						
BMOV20D821K	BMOV20D821KH	510	670	820(738~902)	100	1355	6500	10000	282	460	1	500	-40℃~+105℃	26x23x7.9	AC Power						
BMOV20D911K	BMOV20D911KH	550	745	910(819~1001)	100	1500	6500	10000	310	510	1	440	-40℃~+105℃	26x23x8.1	AC Power						
BMOV20D102K	BMOV20D102KH	625	825	1000(900~1100)	100	1650	6500	10000	342	565	1	400	-40℃~+105℃	26x23x8.6	AC Power						
BMOV20D112K	BMOV20D112KH	680	895	1100(990~1210)	100	1815	6500	10000	383	620	1	360	-40℃~+105℃	26x23x9.1	AC Power						
BMOV20D122K	BMOV20D122KH	750	990	1200(1080~1320)	100	1980	6500	10000	408	660	1	350	-40℃~+105℃	26x23x9.7	AC Power						
BMOV20D142K	BMOV20D142KH	880	1140	1400(1260~1540)	100	2310	6500	10000	532	784	1	340	-40℃~+105℃	26x23x11.2	AC Power						
BMOV20D162K	BMOV20D162KH	1000	1280	1600(1440~1760)	100	2640	6500	10000	606	896	1	330	-40℃~+105℃	26x23x11.8	AC Power						
BMOV20D182K	BMOV20D182KH	1100	1465	1800(1620~1980)	100	2970	6500	10000	625	990	1	320	-40℃~+105℃	26x23x12.8	AC Power						
BMOV07D180KA	BMOV07D180KB	11	12	18(15~21.6)	2.5	36	250	500	0.9	2	0.02	2800	-40℃~+125℃	13x10x4.9	AC Power						
BMOV07D220KA	BMOV07D220KB	14	18	22(19.5~26)	2.5	43	250	500	1.1	2.4	0.02	2300	-40℃~+125℃	13x10x5	AC Power						
BMOV07D270KA	BMOV07D270KB	17	22	27(24~31)	2.5	53	250	500	1.4	3	0.02	1800	-40℃~+125℃	13x10x5.17	AC Power						
BMOV07D330KA	BMOV07D330KB	20	26	33(29.5~36.5)	2.5	65	250	500	1.7	3.5	0.02	1500	-40℃~+125℃	13x10x5.4	AC Power						
BMOV07D390KA	BMOV07D390KB	25	31	39(35~43)	2.5	77	250	500	2.1	4	0.02	1300	-40℃~+125℃	13x10x5.16	AC Power						
BMOV07D470KA	BMOV07D470KB	30	38	47(42~52)	2.5	93	250	500	2.5	5	0.02	1100	-40℃~+125℃	13x10x5.37	AC Power						
BMOV07D560KA	BMOV07D560KB	35	45	56(50~62)	2.5	110	250	500	3.1	6	0.02	890	-40℃~+125℃	13x10x5.6	AC Power						
BMOV07D680KA	BMOV07D680KB	40	56	68(61~75)	2.5	135	250	500	3.6	7	0.02	740	-40℃~+125℃	13x10x5.9	AC Power						
BMOV07D820KA	BMOV07D820KB	50	65	82(74~90)	10	145	1200	1750	5	10	0.25	600	-40℃~+125℃	13x10x4.9	AC Power						
BMOV07D101KA	BMOV07D101KB	60	85	100(90~110)	10	165	1200	1750	6.5	12	0.25	500	-40℃~+125℃	13x10x5.1	AC Power						
BMOV07D121KA	BMOV07D121KB	75	100	120(108~132)	10	200	1200	1750	7.8	13	0.25	420	-40℃~+125℃	13x10x5.3	AC Power						
BMOV07D151KA	BMOV07D151KB	95	125	150(135~165)	10	250	1200	1750	9.7	15	0.25	330	-40℃~+125℃	13x10x5	AC Power						
BMOV07D181KA	BMOV07D181KB	115	150	180(162~198)	10	300	1200	1750	11.7	16	0.25	280	-40℃~+125℃	13x10x5.2	AC Power						
BMOV07D201KA	BMOV07D201KB	130	170	200(180~220)	10	340	1200	1750	13	17	0.25	250	-40℃~+125℃	13x10x5.3	AC Power						
BMOV07D221KA	BMOV07D221KB	140	180	220(198~242)	10	360	1200	1750	14	19	0.25	230	-40℃~+125℃	13x10x5.4	AC Power						
BMOV07D241KA	BMOV07D241KB	150	200	240(216~264)	10	395	1200	1750	15	21	0.25	210	-40℃~+125℃	13x10x5.5	AC Power						
BMOV07D271KA	BMOV07D271KB	175	225	270(243~297)	10	455	1200	1750	18	24	0.25	185	-40℃~+125℃	13x10x5.7	AC Power						
BMOV07D301KA	BMOV07D301KB	190	250	300(270~330)	10	500	1200	1750	20	26	0.25	165	-40℃~+125℃	13x10x5.9	AC Power						
BMOV07D331KA	BMOV07D331KB	210	275	330(297~363)	10	550	1200	1750	23	28	0.25	150	-40℃~+125℃	13x10x6	AC Power						
BMOV07D361KA	BMOV07D361KB	230	300	360(324~396)	10	595	1200	1750	24	32	0.25	140	-40℃~+125℃	13x10x6.2	AC Power						
BMOV07D391KA	BMOV07D391KB	250	320	390(351~429)	10	650	1200	1750	26	35	0.25	130	-40℃~+125℃	13x10x6.4	AC Power						
BMOV07D431KA	BMOV07D431KB	275	350	430(387~473)	10	710	1200	1750	28	40	0.25	115	-40℃~+125℃	13x10x6.7	AC Power						
BMOV07D471KA	BMOV07D471KB	300	385	470(423~517)	10	775	1200	1750	29	42	0.25	105	-40℃~+125℃	13x10x6.9	AC Power						

产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV07D511KA	BMOV07D511KB	320	415	510(459~561)	10	845	1200	1750	31	45	0.25	100	-40℃~+125℃	13x10x7.1	AC Power						
BMOV07D561KA	BMOV07D561KB	350	460	560(504~616)	10	925	1200	1750	35	49	0.25	90	-40℃~+125℃	13x10x7.4	AC Power						
BMOV07D621KA	BMOV07D621KB	385	505	620(558~682)	10	1025	1200	1750	38	55	0.25	80	-40℃~+125℃	13x10x7.8	AC Power						
BMOV07D681KA	BMOV07D681KB	420	560	680(612~748)	10	1120	1200	1750	42	60	0.25	75	-40℃~+125℃	13x10x8.1	AC Power						
BMOV07D751KA	BMOV07D751KB	460	615	750(675~825)	10	1240	1200	1750	45	64	0.25	70	-40℃~+125℃	13x10x8.6	AC Power						
BMOV07D781KA	BMOV07D781KB	485	640	780(702~858)	10	1290	1200	1750	48	69	0.25	65	-40℃~+125℃	13x10x8.7	AC Power						
BMOV07D821KA	BMOV07D821KB	510	670	820(738~902)	10	1355	1200	1750	52	73	0.25	60	-40℃~+125℃	13x10x9	AC Power						
BMOV10D180KA	BMOV10D180KB	11	12	18(15~21.6)	5	36	500	1000	2.1	3	0.05	5600	-40℃~+125℃	16.5x14x5.3	AC Power						
BMOV10D220KA	BMOV10D220KB	14	18	22(19.5~26)	5	43	500	1000	2.5	5	0.05	4500	-40℃~+125℃	16.5x14x5.4	AC Power						
BMOV10D270KA	BMOV10D270KB	17	22	27(24~31)	5	53	500	1000	3	6	0.05	3700	-40℃~+125℃	16.5x14x5.6	AC Power						
BMOV10D330KA	BMOV10D330KB	20	26	33(29.5~36.5)	5	65	500	1000	4	7	0.05	3000	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV10D390KA	BMOV10D390KB	25	31	39(35~43)	5	77	500	1000	4.6	9	0.05	2400	-40℃~+125℃	16.5x14x5.6	AC Power						
BMOV10D470KA	BMOV10D470KB	30	38	47(42~52)	5	93	500	1000	5.5	11	0.05	2100	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV10D560KA	BMOV10D560KB	35	45	56(50~62)	5	110	500	1000	7	13	0.05	1800	-40℃~+125℃	16.5x14x6	AC Power						
BMOV10D680KA	BMOV10D680KB	40	56	68(61~75)	5	135	500	1000	8.2	15	0.05	1500	-40℃~+125℃	16.5x14x6.3	AC Power						
BMOV10D820KA	BMOV10D820KB	50	65	82(74~90)	25	145	2500	3500	12	17	0.4	1200	-40℃~+125℃	16.5x14x5.3	AC Power						
BMOV10D101KA	BMOV10D101KB	60	85	100(90~110)	25	165	2500	3500	15	18	0.4	1000	-40℃~+125℃	16.5x14x5.5	AC Power						
BMOV10D121KA	BMOV10D121KB	75	100	120(108~132)	25	200	2500	3500	18	21	0.4	830	-40℃~+125℃	16.5x14x5.7	AC Power						
BMOV10D151KA	BMOV10D151KB	95	125	150(135~165)	25	250	2500	3500	22	25	0.4	670	-40℃~+125℃	16.5x14x5.4	AC Power						
BMOV10D181KA	BMOV10D181KB	115	150	180(162~198)	25	300	2500	3500	27	30	0.4	560	-40℃~+125℃	16.5x14x5.6	AC Power						
BMOV10D201KA	BMOV10D201KB	130	170	200(180~220)	25	340	2500	3500	30	35	0.4	500	-40℃~+125℃	16.5x14x5.7	AC Power						
BMOV10D221KA	BMOV10D221KB	140	180	220(198~242)	25	360	2500	3500	32	39	0.4	450	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV10D241KA	BMOV10D241KB	150	200	240(216~264)	25	395	2500	3500	35	42	0.4	420	-40℃~+125℃	16.5x14x5.9	AC Power						
BMOV10D271KA	BMOV10D271KB	175	225	270(243~297)	25	455	2500	3500	37	42	0.4	370	-40℃~+125℃	16.5x14x6.1	AC Power						
BMOV10D301KA	BMOV10D301KB	190	250	300(270~330)	25	500	2500	3500	40	54	0.4	330	-40℃~+125℃	16.5x14x6.3	AC Power						
BMOV10D331KA	BMOV10D331KB	210	275	330(297~363)	25	550	2500	3500	43	58	0.4	300	-40℃~+125℃	16.5x14x6.5	AC Power						
BMOV10D361KA	BMOV10D361KB	230	300	360(324~396)	25	595	2500	3500	47	65	0.4	280	-40℃~+125℃	16.5x14x6.6	AC Power						
BMOV10D391KA	BMOV10D391KB	250	320	390(351~429)	25	650	2500	3500	60	70	0.4	260	-40℃~+125℃	16.5x14x6.8	AC Power						
BMOV10D431KA	BMOV10D431KB	275	350	430(387~473)	25	710	2500	3500	65	80	0.4	230	-40℃~+125℃	16.5x14x7	AC Power						
BMOV10D471KA	BMOV10D471KB	300	385	470(423~517)	25	775	2500	3500	67	85	0.4	210	-40℃~+125℃	16.5x14x7.3	AC Power						
BMOV10D511KA	BMOV10D511KB	320	415	510(459~561)	25	845	2500	3500	69	90	0.4	200	-40℃~+125℃	16.5x14x7.5	AC Power						
BMOV10D561KA	BMOV10D561KB	350	460	560(504~616)	25	925	2500	3500	70	92	0.4	180	-40℃~+125℃	16.5x14x7.8	AC Power						

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产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV10D621KA	BMOV10D621KB	385	505	620(558~682)	25	1025	2500	3500	72	95	0.4	160	-40℃~+125℃	16.5x14x8.3	AC Power						
BMOV10D681KA	BMOV10D681KB	420	560	680(612~748)	25	1120	2500	3500	75	98	0.4	150	-40℃~+125℃	16.5x14x8.5	AC Power						
BMOV10D751KA	BMOV10D751KB	460	615	750(675~825)	25	1240	2500	3500	77	100	0.4	130	-40℃~+125℃	16.5x14x8.6	AC Power						
BMOV10D781KA	BMOV10D781KB	485	640	780(702~858)	25	1290	2500	3500	80	105	0.4	125	-40℃~+125℃	16.5x14x8.7	AC Power						
BMOV10D821KA	BMOV10D821KB	510	670	820(738~902)	25	1355	2500	3500	85	110	0.4	120	-40℃~+125℃	16.5x14x8.9	AC Power						
BMOV10D911KA	BMOV10D911KB	550	745	910(819~1001)	25	1500	2500	3500	93	130	0.4	110	-40℃~+125℃	16.5x14x9	AC Power						
BMOV10D102KA	BMOV10D102KB	625	825	1000(900~1100)	25	1650	2500	3500	102	140	0.4	100	-40℃~+125℃	16.5x14x9.4	AC Power						
BMOV10D112KA	BMOV10D112KB	680	895	1100(990~1210)	25	1815	2500	3500	115	155	0.4	90	-40℃~+125℃	16.5x14x9.9	AC Power						
BMOV14D180KA	BMOV14D180KB	11	12	18(15~21.6)	10	36	1000	2000	4	7	0.1	11100	-40℃~+125℃	16.5x14x5.3	AC Power						
BMOV14D220KA	BMOV14D220KB	14	18	22(19.5~26)	10	43	1000	2000	5	8	0.1	9100	-40℃~+125℃	16.5x14x5.4	AC Power						
BMOV14D270KA	BMOV14D270KB	17	22	27(24~31)	10	53	1000	2000	6	10	0.1	7400	-40℃~+125℃	16.5x14x5.6	AC Power						
BMOV14D330KA	BMOV14D330KB	20	26	33(29.5~36.5)	10	65	1000	2000	7.5	12	0.1	6100	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV14D390KA	BMOV14D390KB	25	31	39(35~43)	10	77	1000	2000	8.6	13	0.1	5100	-40℃~+125℃	16.5x14x5.6	AC Power						
BMOV14D470KA	BMOV14D470KB	30	38	47(42~52)	10	93	1000	2000	10	17	0.1	4300	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV14D560KA	BMOV14D560KB	35	45	56(50~62)	10	110	1000	2000	11	20	0.1	3600	-40℃~+125℃	16.5x14x6	AC Power						
BMOV14D680KA	BMOV14D680KB	40	56	68(61~75)	10	135	1000	2000	14	24	0.1	2900	-40℃~+125℃	16.5x14x6.4	AC Power						
BMOV14D820KA	BMOV14D820KB	50	65	82(74~90)	50	145	4500	6000	22	27	0.6	2400	-40℃~+125℃	16.5x14x5.3	AC Power						
BMOV14D101KA	BMOV14D101KB	60	85	100(90~110)	50	165	4500	6000	28	33	0.6	2000	-40℃~+125℃	16.5x14x5.5	AC Power						
BMOV14D121KA	BMOV14D121KB	75	100	120(108~132)	50	200	4500	6000	32	40	0.6	1700	-40℃~+125℃	16.5x14x5.7	AC Power						
BMOV14D151KA	BMOV14D151KB	95	125	150(135~165)	50	250	4500	6000	40	53	0.6	1300	-40℃~+125℃	16.5x14x5.5	AC Power						
BMOV14D181KA	BMOV14D181KB	115	150	180(162~198)	50	300	4500	6000	50	60	0.6	1100	-40℃~+125℃	16.5x14x5.7	AC Power						
BMOV14D201KA	BMOV14D201KB	130	170	200(180~220)	50	340	4500	6000	57	70	0.6	1000	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV14D221KA	BMOV14D221KB	140	180	220(198~242)	50	360	4500	6000	60	78	0.6	900	-40℃~+125℃	16.5x14x5.8	AC Power						
BMOV14D241KA	BMOV14D241KB	150	200	240(216~264)	50	395	4500	6000	63	84	0.6	830	-40℃~+125℃	16.5x14x6	AC Power						
BMOV14D271KA	BMOV14D271KB	175	225	270(243~297)	50	455	4500	6000	70	99	0.6	740	-40℃~+125℃	16.5x14x6.2	AC Power						
BMOV14D301KA	BMOV14D301KB	190	250	300(270~330)	50	500	4500	6000	77	108	0.6	670	-40℃~+125℃	16.5x14x6.3	AC Power						
BMOV14D331KA	BMOV14D331KB	210	275	330(297~363)	50	550	4500	6000	85	115	0.6	610	-40℃~+125℃	16.5x14x6.5	AC Power						
BMOV14D361KA	BMOV14D361KB	230	300	360(324~396)	50	595	4500	6000	93	130	0.6	560	-40℃~+125℃	16.5x14x6.7	AC Power						
BMOV14D391KA	BMOV14D391KB	250	320	390(351~429)	50	650	4500	6000	100	140	0.6	510	-40℃~+125℃	16.5x14x6.9	AC Power						
BMOV14D431KA	BMOV14D431KB	275	350	430(387~473)	50	710	4500	6000	115	155	0.6	460	-40℃~+125℃	16.5x14x7.1	AC Power						
BMOV14D471KA	BMOV14D471KB	300	385	470(423~517)	50	775	4500	6000	118	175	0.6	430	-40℃~+125℃	16.5x14x7.4	AC Power						
BMOV14D511KA	BMOV14D511KB	320	415	510(459~561)	50	845	4500	6000	121	180	0.6	390	-40℃~+125℃	16.5x14x7.6	AC Power						

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产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV14D561KA	BMOV14D561KB	350	460	560(504~616)	50	925	4500	6000	125	185	0.6	360	-40℃~+125℃	16.5x14x7.9	AC Power						
BMOV14D621KA	BMOV14D621KB	385	505	620(558~682)	50	1025	4500	6000	128	190	0.6	320	-40℃~+125℃	16.5x14x8.3	AC Power						
BMOV14D681KA	BMOV14D681KB	420	560	680(612~748)	50	1120	4500	6000	130	200	0.6	290	-40℃~+125℃	16.5x14x8.7	AC Power						
BMOV14D751KA	BMOV14D751KB	460	615	750(675~825)	50	1240	4500	6000	143	210	0.6	270	-40℃~+125℃	16.5x14x8.7	AC Power						
BMOV14D781KA	BMOV14D781KB	485	640	780(702~858)	50	1290	4500	6000	148	220	0.6	260	-40℃~+125℃	16.5x14x8.8	AC Power						
BMOV14D821KA	BMOV14D821KB	510	670	820(738~902)	50	1355	4500	6000	157	235	0.6	240	-40℃~+125℃	16.5x14x9	AC Power						
BMOV14D911KA	BMOV14D911KB	550	745	910(819~1001)	50	1500	4500	6000	175	255	0.6	220	-40℃~+125℃	16.5x14x9.1	AC Power						
BMOV14D102KA	BMOV14D102KB	625	825	1000(900~1100)	50	1650	4500	6000	190	280	0.6	200	-40℃~+125℃	16.5x14x9.5	AC Power						
BMOV14D112KA	BMOV14D112KB	680	895	1100(990~1210)	50	1815	4500	6000	213	310	0.6	180	-40℃~+125℃	16.5x14x10	AC Power						
BMOV14D122KA	BMOV14D122KB	750	990	1200(1080~1320)	50	1980	4500	6000	232	324	0.6	160	-40℃~+125℃	16.5x14x10.5	AC Power						
BMOV14D142KA	BMOV14D142KB	880	1140	1400(1260~1540)	50	2310	4500	6000	238	327	0.6	150	-40℃~+125℃	16.5x14x11.5	AC Power						
BMOV14D162KA	BMOV14D162KB	1000	1280	1600(1440~1760)	50	2640	4500	6000	243	331	0.6	140	-40℃~+125℃	16.5x14x12.5	AC Power						
BMOV14D182KA	BMOV14D182KB	1100	1465	1800(1620~1980)	50	2970	4500	5000	250	335	0.6	130	-40℃~+125℃	16.5x14x13.5	AC Power						
BMOV20D180KA	BMOV20D180KB	11	12	18(15~21.6)	20	36	2000	3000	11	13	0.2	28500	-40℃~+125℃	26x23x4.7	AC Power						
BMOV20D220KA	BMOV20D220KB	14	18	22(19.5~26)	20	43	2000	3000	14	16	0.2	18500	-40℃~+125℃	26x23x4.9	AC Power						
BMOV20D270KA	BMOV20D270KB	17	22	27(24~31)	20	53	2000	3000	16	19	0.2	13000	-40℃~+125℃	26x23x5.1	AC Power						
BMOV20D330KA	BMOV20D330KB	20	26	33(29.5~36.5)	20	65	2000	3000	23	24	0.2	11500	-40℃~+125℃	26x23x5.4	AC Power						
BMOV20D390KA	BMOV20D390KB	25	31	39(35~43)	20	77	2000	3000	26	28	0.2	8500	-40℃~+125℃	26x23x5.5	AC Power						
BMOV20D470KA	BMOV20D470KB	30	38	47(42~52)	20	93	2000	3000	30	34	0.2	7400	-40℃~+125℃	26x23x4.9	AC Power						
BMOV20D560KA	BMOV20D560KB	35	45	56(50~62)	20	110	2000	3000	38	44	0.2	6500	-40℃~+125℃	26x23x5.1	AC Power						
BMOV20D680KA	BMOV20D680KB	40	56	68(61~75)	20	135	2000	3000	41	49	0.2	5800	-40℃~+125℃	26x23x5.3	AC Power						
BMOV20D820KA	BMOV20D820KB	50	65	82(74~90)	100	145	6500	10000	45	56	1	4900	-40℃~+125℃	26x23x4.7	AC Power						
BMOV20D101KA	BMOV20D101KB	60	85	100(90~110)	100	165	6500	10000	50	70	1	4000	-40℃~+125℃	26x23x4.9	AC Power						
BMOV20D121KA	BMOV20D121KB	75	100	120(108~132)	100	200	6500	10000	55	85	1	3300	-40℃~+125℃	26x23x5.1	AC Power						
BMOV20D151KA	BMOV20D151KB	95	125	150(135~165)	100	250	6500	10000	70	106	1	2700	-40℃~+125℃	26x23x5.4	AC Power						
BMOV20D181KA	BMOV20D181KB	115	150	180(162~198)	100	300	6500	10000	85	130	1	2200	-40℃~+125℃	26x23x4.7	AC Power						
BMOV20D201KA	BMOV20D201KB	130	170	200(180~220)	100	340	6500	10000	95	140	1	2000	-40℃~+125℃	26x23x4.9	AC Power						
BMOV20D221KA	BMOV20D221KB	140	180	220(198~242)	100	360	6500	10000	100	155	1	1800	-40℃~+125℃	26x23x4.9	AC Power						
BMOV20D241KA	BMOV20D241KB	150	200	240(216~264)	100	395	6500	10000	108	168	1	1650	-40℃~+125℃	26x23x5	AC Power						
BMOV20D271KA	BMOV20D271KB	175	225	270(243~297)	100	455	6500	10000	127	190	1	1500	-40℃~+125℃	26x23x5.2	AC Power						
BMOV20D301KA	BMOV20D301KB	190	250	300(270~330)	100	500	6500	10000	136	210	1	1300	-40℃~+125℃	26x23x5.2	AC Power						
BMOV20D331KA	BMOV20D331KB	210	275	330(297~363)	100	550	6500	10000	150	228	1	1200	-40℃~+125℃	26x23x5.4	AC Power						

产品型号 Part Number		最大允许应用电压 Maximum Allowable Voltage		1mA压敏电压 Varistor Voltage	最大钳位电压 Maximum Clamping Voltage		通流能力 Withstanding Surge Current		焦耳值 Maximum Energy (10/1000μs)		额定功率 Rated Power	典型电容值 Typical Capacitance (Reference)	工作温度范围 Operating Temperature	尺寸 Size	应用	电路符号	产品外观	认证 Certifisate			
常规 Normal Energy	高能 High Energy	V _{AC} (V)	V _{DC} (V)	V _{1mA} (V)	I _P (A)	V _C (V)	I (A) Standard	I (A) High Surge	(J) Standard	(J) High Surge	(W)	@1kHz (pf)		LxWxH(mm)	Application	Circuit	Outline	UL497B	UL1449	TUV	CQC
BMOV20D361KA	BMOV20D361KB	230	300	360(324~396)	100	595	6500	10000	163	255	1	1100	-40℃~+125℃	26x23x5.4	AC Power						
BMOV20D391KA	BMOV20D391KB	250	320	390(351~429)	100	650	6500	10000	180	275	1	1000	-40℃~+125℃	26x23x5.6	AC Power						
BMOV20D431KA	BMOV20D431KB	275	350	430(387~473)	100	710	6500	10000	190	305	1	930	-40℃~+125℃	26x23x5.9	AC Power						
BMOV20D471KA	BMOV20D471KB	300	385	470(423~517)	100	775	6500	10000	204	350	1	8500	-40℃~+125℃	26x23x6	AC Power						
BMOV20D511KA	BMOV20D511KB	320	415	510(459~561)	100	845	6500	10000	210	360	1	780	-40℃~+125℃	26x23x6.2	AC Power						
BMOV20D561KA	BMOV20D561KB	350	460	560(504~616)	100	925	6500	10000	215	380	1	710	-40℃~+125℃	26x23x6.5	AC Power						
BMOV20D621KA	BMOV20D621KB	385	505	620(558~682)	100	1025	6500	10000	224	390	1	650	-40℃~+125℃	26x23x6.8	AC Power						
BMOV20D681KA	BMOV20D681KB	420	560	680(612~748)	100	1120	6500	10000	230	400	1	600	-40℃~+125℃	26x23x7.1	AC Power						
BMOV20D751KA	BMOV20D751KB	460	615	750(675~825)	100	1240	6500	10000	255	420	1	530	-40℃~+125℃	26x23x7.5	AC Power						
BMOV20D781KA	BMOV20D781KB	485	640	780(702~858)	100	1290	6500	10000	265	440	1	510	-40℃~+125℃	26x23x7.7	AC Power						
BMOV20D821KA	BMOV20D821KB	510	670	820(738~902)	100	1355	6500	10000	282	460	1	500	-40℃~+125℃	26x23x7.9	AC Power						
BMOV20D911KA	BMOV20D911KB	550	745	910(819~1001)	100	1500	6500	10000	310	510	1	440	-40℃~+125℃	26x23x8.1	AC Power						
BMOV20D102KA	BMOV20D102KB	625	825	1000(900~1100)	100	1650	6500	10000	342	565	1	400	-40℃~+125℃	26x23x8.6	AC Power						
BMOV20D112KA	BMOV20D112KB	680	895	1100(990~1210)	100	1815	6500	10000	383	620	1	360	-40℃~+125℃	26x23x9.1	AC Power						
BMOV20D122KA	BMOV20D122KB	750	990	1200(1080~1320)	100	1980	6500	10000	408	660	1	350	-40℃~+125℃	26x23x9.7	AC Power						
BMOV20D142KA	BMOV20D142KB	880	1140	1400(1260~1540)	100	2310	6500	10000	532	784	1	340	-40℃~+125℃	26x23x11.2	AC Power						
BMOV20D162KA	BMOV20D162KB	1000	1280	1600(1440~1760)	100	2640	6500	10000	606	896	1	330	-40℃~+125℃	26x23x11.8	AC Power						
BMOV20D182KA	BMOV20D182KB	1100	1465	1800(1620~1980)	100	2970	6500	10000	625	990	1	320	-40℃~+125℃	26x23x12.8	AC Power						
BMOV14D561KSC		350	460	560(504~616)	50	925	4500	6000	125	185	0.6	360	-40℃~+105℃	16.5x14x8	AC Power						
BMOV14D681KSC	BMOV14D681KH	420	560	680(612~748)	50	1120	4500	6000	130	200	0.6	290	-40℃~+105℃	16.5x14x8.7	AC Power						
BMOV14D621KSCC		380	505	620(558~682)	50	1025	4500	6000	130	200	0.6	320	-40℃~+105℃	16.5x14x8.3	AC Power						
BMOV14D511KA	BMOV14D511KB	320	415	510(459~561)	50	845	4500	6000	121	180	0.6	390	-40℃~+125℃	16.5x14x7.6	AC Power						
BMOV14D271KSCC		175	225	270(243~297)	50	455	4500	6000	70	99	0.6	740	-40℃~+125℃	16.5x14x6.6	AC Power						
BMOV14D331KA	BMOV14D331KB	210	275	330(297~363)	50	550	4500	6000	85	115	0.6	610	-40℃~+125℃	16.5x14x6.6	AC Power						
BMOV20D471KSRA		300	385	470(423~517)	100	775	6500	10000	204	350	1	8500	-40℃~+125℃	26x23x6	AC Power						
BMOV20D621KSRA		385	505	620(558~682)	100	1025	6500	10000	224	390	1	650	-40℃~+125℃	26x23x6.8	AC Power						

半导体放电管/TSS 瞬态抑制二极管/TVS

□ 尺寸(mm) ○ 电压范围 △ 通流能力

 BVF-D5 □ 1.6x0.8x0.6 ○ 5V △ 12A@8/20μs	 SOD123 □ 2.7x1.8x1 ○ 6V △ 36A@8/20μs	 SOT23-5 □ 3x2.8x1.25 ○ 8V~24V △ 50A@8/20μs	 SMA □ 5.3x2.9x2.5 ○ 5V~440V △ 400W	 6SMA □ 5.3x2.9x2.5 ○ 5V~440V △ 600W	 SMAF □ 4.7x2.6x1.1 ○ 5V~440V △ 400W
 6SMAF □ 4.7x2.6x1.1 ○ 5V~440V △ 600W	 SMB □ 5.5x3.8x2.6 ○ 5V~480V △ 600W	 8SMB □ 5.5x3.8x2.6 ○ 5V~480V △ 800W	 SMBF □ 5.8x4.4x2.8 ○ 5V~200V △ 1500W	 3SMBF □ 5.8x4.4x2.8 ○ 20V~200V △ 3000W	 5SMBF □ 5.8x4.4x2.8 ○ 30V~200V △ 5000W
 SMB-T □ 5.4x3.3x2 ○ 6V~400V △ 200A~1000A @8/20μs	 BVF-MD2 □ 5.4x3.3x2 ○ 15V~28V △ 250A~500A @8/20μs	 SOP-8 □ 6x4.9x1.5 ○ 3.3V~58V △ 450W~2700W @8/20μs	 SMC □ 8.3x6.2x3 ○ 5V~440V △ 1500W	 SMC-T □ 8x5.9x2 ○ 8V~58V △ 3000W	 SMD □ 8.3x6.2x3 ○ 5V~170V △ 3000W
 5SMD □ 8.3x6.2x3 ○ 15V~85V △ 5000W	 SMK □ 10.6x8.3x2.3 ○ 15V~43V △ 1kA~3kA@8/20μs	 SM8S □ 15.5x10x4.9 ○ 10V~43V △ 6600W	 BVS-SME □ 18.3x14x7 ○ 66V~86V △ 10kA@8/20μs	 BVO-SMG □ 24x23.5x13.8 ○ 76V △ 10kA@8/20μs	

静电保护器件/ESD 稳压管/Zener

□ 尺寸(mm) ○ 电压范围 △ 通流能力

 DFN0603 □ 0.6x0.3x0.3 ○ 3.3V~12V △ 42W~120W@8/20μs	 DFN1006 □ 1x0.6x0.5 ○ 2.5V~36V △ 20W~600W@8/20μs	 SOD523 □ 1.6x0.8x0.6 ○ 5V~24V △ 30W~300W@8/20μs	 DFN1610 □ 1.6x1x0.5 ○ 3.3V~15V △ 100W~1800W@8/20μs	 DFN2010 □ 2x1x0.4 ○ 3V~5V △ 75W~200W@8/20μs
 DFN2020 □ 2x2x0.5 ○ 4.5V~24V △ 2900W~6000W@8/20μs	 DFN2510 □ 2.5x1x0.5 ○ 3.3V~5V △ 45W~100W@8/20μs	 SOT523 □ 1.6x1.6x0.75 ○ 5V △ 60W~100W@8/20μs	 SOD323 □ 2.5x1.3x1 ○ 2.5V~36V △ 150W~2200W@8/20μs	 SOT23-6 □ 3x2.8x1.3 ○ 3.3V~5V △ 75W@8/20μs
 SOT23-3 □ 3x2.8x1.3 ○ 3.3V~36V △ 60W~400W@8/20μs	 SOT143 □ 2.9x2.4x1 ○ 5V △ 125W@8/20μs			

车规级TVS (符合AEC-Q 101规范)

□ 尺寸(mm) ○ 电压范围 △ 通流能力

 DFN1006 □ 1x0.6x0.5 ○ 5V △ 60W	 SOD323 □ 2.5x1.3x1 ○ 2.5~36V △ 150W~352W	 DFN2510 □ 2.5x1x0.58 ○ 5V △ 45W	 SOD523 □ 1.6x0.8x0.6 ○ 5V △ 150W	 SOT23-3 □ 3x2.8x1.3 ○ 3.3~36V △ 225W~380W
 SMA □ 5.3x2.9x2.5 ○ 5V~110V △ 400W	 SMB □ 5.5x3.8x2.6 ○ 5V~110V △ 600W	 SMC □ 8.3x6.2x3 ○ 5V~110V △ 1500W	 5SMD □ 8x5.9x2.6 ○ 11V~110V △ 5000W	 SM8S □ 15.5x10x4.9 ○ 10~43V △ 6600W

TSS



- 1 Bencent TSS系列
- 2 TSS关断电压: 0060=6x10⁰=6V
- 3 封装形式: M=SMA; N=SMB; N-2=SMB-T; U-2=SMC-T; L=DO-15; K=DO-41; Q=DFN; D=SOD123/SOD123-F
- 4 雷击等级: A=2kV; B=4kV; C=6kV; D=8kV; E=10kV
- 5 Flat feet: 扁(平)脚, 如N-XX-F为SMB-F封装

BVO



- 1 BVO为槟城TVS开路保护器件
- 2 封装类型SMD类贴片封装
- 3 TVS关断电压: 76=76V
- 4 极性: C为双向TVS; 无C为单向TVS
- 5 后缀: “A”表示5%的容差

Zener



- 1 Bencent Zener
- 2 封装类型(具体型号见右表)
- 3 产品功率: Z=150mW; A=200mW; B=250mW; C=300mW; D=350mW; G=500mW
- 4 产品稳压中心值: 5V1=稳压中心值为5.1V
- 5 包装类型: 编带, 3K/R
- 6 符合绿色环保标准
- 7 产品工作电压范围: 2= ±2%; 5= ±5%; 6= ±6%

D1	SOD123
D3	SOD323
D5	SOD523
TA	SOT23

TVS



- 1 BV: Bencent TVS系列
- 2 封装类型(具体型号见右表)
- 3 TVS关断电压: 28=28V
- 4 极性: C为双向TVS; 无C为单向TVS
- 5 后缀: “A”表示5%的容差
- 6 特殊产品: Q为车规产品; I、M、H、L、K为不同需求通流能力; 2M、2H、2D等为2芯片工艺
- 7 Bencent内部代码

SMAJ	SMA 400W	5.3x2.9x2.5 mm
6SMAF	SMA-F 600W	4.8x2.7x1.2 mm
SMBJ	SMB 600W	5.5x3.8x2.6 mm
8SMBJ	SMB 800W	5.5x3.8x2.6 mm
1KSMB	SMB 1000W	5.5x3.8x2.6 mm
SMBF	SMB-F 1500W	5.9x4.4x2.8 mm
3SMBF	SMB-F 3000W	5.9x4.4x2.8 mm
5SMBF	SMB-F 5000W	5.9x4.4x2.8 mm
SMCJ	SMC 1500W	8.3x6.2x3 mm
SMDJ	SMC 3000W	8.3x6.2x3mm
5SMDJ	SMC 5000W	8.3x6.2x3 mm
SMKJ	SMK	10x8.2x2.2 mm
SMEJ	SME	18.3x14x7.5 mm
SMG	SMG	24x23.5x13.8 mm

ESD



- 1 Bencent TVS
- 2 封装类型(具体型号见右表)
- 3 TVS电压: 24=24V
- 4 电容等级: Z=常规电容; U=低电容
- 5 保护线路: 6=6线保护; 4=4线保护; 2=2线保护; 空白为常规1线保护
- 6 极性: C为双向ESD; 无C为单向ESD
- 7 Bencent内部代码
- 8 AEC-Q101合格认证

D1	SOD123	E3	SOT-323	FG	DFN2010
D3	SOD323	E5	SOT523	FK	DFN2510
D5	SOD523	E7	SOT723	FN	DFN3020
D9	SOD923	S5	SOT-553	FV	DFN5515
T4	SOT143	S6	SOT-563	FD	DFN1608-2L
T3	SOT23-3	F4	DFN0402	FM	DFN2020-3L
T5	SOT23-5	F6	DFN0603	FS	DFN3.4x2.4-4L
T6	SOT23-6	FA	DFN1006	FW	DFN4120-10L
TS	SOT23	FE	DFN1610	FR	DFN2626-10L

产品型号 Part Number	不动作电压 Off state Voltage V _{DRM} (V)		转折电压 Switching Voltage V _s (V) I _s (mA) Max		通态电压 On state Voltage V _T (V) I _T (A) Max		最小维持电流 Holding Current I _H (mA)	结电容 Capacitance C _o (pF) 2V@1MHZ Max	测试波形 Surge Waveform (μs)	通流能力 Surge Peak (kV)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
	I _D (μA) Max	V _s (V) Max	I _s (mA) Max	V _T (V) Max	I _T (A) Max	UL497B											UL1449	TUV	CQC	
BS0060D1	6	5	25	800	4	2.2	≥15	80	10/700	1.5	SOD123	B006D1	3.6x1.6x1.1	video			○	○	○	○
BS0060D-2	6	5	25	800	4	2.2	≥10	10	1.2/50	3(42Ω)	SOD123F	B006D-2	3.8x1.8x1.4	video			○	○	○	○
BS0060M-2	6	5	25	800	4	2.2	≥10	10	1.2/50	3(42Ω)	SMA	B006M-2	5x2.5x2.3	video			○	○	○	○
BS0060M-3	6	5	25	800	4	2.2	≥10	20	1.2/50	4(42Ω)	SMA	B006M-3	5x2.5x2.3	video			○	○	○	○
BS0060M	6	5	25	800	4	2.2	≥50	50	10/700	2	SMA	B006M	5x2.5x2.3	video			○	○	○	○
BS0060M-BH	6	5	25	800	4	2.2	≥10	20	10/700	4	SMA	B006M	5.3x2.9x2.5	video			○	○	○	○
BS0060M-BC	6	5	15	800	4	2.2	≥15	80	10/700	4	SMA	6MSA	5x2.5x2.3	video			○	○	○	○
BS0080M	6	5	25	800	4	2.2	≥50	60	10/700	3	SMA	B008M	5x2.5x2.3	video			○	○	○	○
BS0060N-C	6	5	25	800	4	2.2	≥15	100	10/700	6	SMB	B006NC	5.2x3.6x2.3	video			●	○	○	○
BS0300N-C	25	5	40	800	4	2.2	≥50	100	10/700	6	SMB	B03NC	5.2x3.6x2.3	RS485/232/422			●	○	○	○
BS0640N-C	58	5	77	800	4	2.2	≥150	100	10/700	6	SMB	B06NC	5.2x3.6x2.3	POE			●	○	○	○
BS1100N1	95	5	130	800	4	2.2	≥120	150	10/700	3	SMB	B11NB1	5.2x3.6x2.3	SLIC			●	○	○	○
BS2300N	190	5	260	800	4	2.2	≥150	80	10/700	4	SMB	B23NB	5.2x3.6x2.3	xDSL/SLIC			●	○	○	○
BS2300N-C	190	5	260	800	4	2.2	≥150	45	10/700	6	SMB	B23NC	5.2x3.6x2.3	RJ11			●	○	○	○
BS3100N	275	5	350	800	4	2.2	≥150	60	10/700	4	SMB	B31NB	5.2x3.6x2.3	POS			●	○	○	○
BS3100N-C	275	5	350	800	4	2.2	≥150	80	10/700	6	SMB	B31NC	5.2x3.6x2.3	RJ45			●	○	○	○
BS3500N-A	320	5	400	800	4	2.2	≥150	20	10/700	3	SMB	B35NA	5.2x3.6x2.3	xDSL			●	○	○	○
BS3500N	320	5	400	800	4	2.2	≥150	25	10/700	4	SMB	B35NB	5.2x3.6x2.3	xDSL			●	○	○	○
BS3500N-C	320	5	400	800	4	2.2	≥150	35	10/700	6	SMB	B35NC	5.2x3.6x2.3	xDSL			●	○	○	○
BS0060N-C-F	6	5	25	800	4	2.2	≥15	100	10/700	6	SMB-F	B006NC	5.4x3.3x2	video			●	○	○	○
BS0060N-C-FLC	6	5	25	800	4	2.2	≥15	55	10/700	6	SMB-F	6NCLC	5.4x3.3x2	video			○	○	○	○
BS0060N-C-FS	6	5	25	800	4	2.2	≥15	25	10/700	6	SMB-F	6NCS	5.4x3.3x2	video			○	○	○	○
BS0300N-C-F	25	5	40	800	4	2.2	≥50	100	10/700	6	SMB-F	B03NC	5.4x3.3x2	RS485/232/422			●	○	○	○
BS0640N-C-F	58	5	77	800	4	2.2	≥150	100	10/700	6	SMB-F	B06NC	5.4x3.3x2	POE			●	○	○	○
BS1100N-A1-F	95	5	130	800	4	2.2	≥120	100	10/700	3	SMB-F	B11NA1	5.4x3.3x2	SLIC			●	○	○	○
BS1100N-D1	95	5	130	800	4	2.2	≥50	150	8/20	800A	SMB-F	B11ND1	5.4x3.3x2	SLIC			●	○	○	○
BS1100N-D1-L	115	5	135	800	4	2.2	≥120	160	8/20	800A	SMB-F	B11ND1L	5.4x3.3x2	SLIC			○	○	○	○
BS1300N-C-F	120	5	160	800	4	2.2	≥120	80	10/700	6	SMB-F	B13NC	5.4x3.3x2	IPC			●	○	○	○
BS2300N-A-F	190	5	260	800	4	2.2	≥150	25	10/700	3	SMB-F	B23NA	5.4x3.3x2	xDSL			●	○	○	○
BS2300N-F	190	5	260	800	4	2.2	≥150	80	10/700	4	SMB-F	B23NB	5.4x3.3x2	xDSL/SLIC			●	○	○	○
BS2300N-C-F	190	5	260	800	4	2.2	≥150	45	10/700	6	SMB-F	B23NC	5.4x3.3x2	RJ11			●	○	○	○
BS3100N-F	275	5	350	800	4	2.2	≥150	60	10/700	4	SMB-F	B31NB	5.4x3.3x2	Ethernet			●	○	○	○

Environmental Analysis
环境分析

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选择标准

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器件选择

System Test
系统测试

Apply & Optimize
应用优化

产品型号 Part Number	不动作电压 Off state Voltage V _{ORM} (V) I _D (μA) Max		转折电压 Switching Voltage V _s (V) I _s (mA) Max		通态电压 On state Voltage V _T (V) I _T (A) Max		最小维持电流 Holding Current I _H (mA)	结电容 Capacitance C _o (pF) 2V@1MHZ Max	测试波形 Surge Waveform (μs)	通流能力 Surge Peak (kV)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
	UL497B	UL1449	TUV	CQC																
BS3100N-C-F	275	5	350	800	4	2.2	≥120	80	10/700	6	SMB-F	B31NC	5.8x4.4x2.8	RJ45						
BS3100N-E-F	275	5	350	800	4	2.2	≥50	100	10/1000	200A	SMB-F	B31NE	5.4x3.3x2	Ethernet						
BS3500N-F	320	5	400	800	4	2.2	≥150	25	10/700	4	SMB-F	B35NB	5.4x3.3x2	xDSL						
BS3500N-C-F	320	5	400	800	4	2.2	≥150	35	10/700	6	SMB-F	B35NC	5.4x3.3x2	xDSL						
BS4200N-C-F	400	5	520	800	4	2.2	≤50	35	10/700	6	SMB-F	B42NC	5.8x4.4x2.8	Ethernet						
BS4200N-D-F	400	5	520	800	4	2.2	≤50	35	10/700	8	SMB-F	B42ND	5.4x3.3x2	Ethernet						
BS8000N-C-F	750	5	1000	800	4	2.2	≤50	50	10/700	6	SMB-F	B80NC	5.4x3.3x2	Ethernet						
BS8000N-C-F-1	850	5	1000	800	4	2.2	≤50	50	10/700	6	SMB-F	B80NC	5.4x3.3x2	Ethernet						
BS0060N-2C	6	5	25	800	4	2.2	≥15	120	10/700	6	SMB-T	B006N2C	5.4x3.3x2	video						
BS0300N-2C	25	5	40	800	4	2.2	≥50	100	10/700	6	SMB-T	B03N2C	5.4x3.3x2	RS485/232/422						
BS0640N-2C	58	5	77	800	4	2.2	≥150	100	10/700	6	SMB-T	B06N2C	5.4x3.3x2	Ethernet						
BS4200N-2C	400	5	520	800	4	2.2	≤50	35	10/700	6	SMB-T	B422NC	5.4x3.3x2	Ethernet						
BS3500N-2B	320	5	400	800	4	2.2	≥10	50	10/700	4	SMB-T	B35N2B	5.4x3.3x2	Ethernet						
BS3500N-2C	320	5	520	800	4	2.2	≤400	35	10/700	6	SMB-T	B35N2C	5.4x3.3x2	Ethernet						
BS0060N-2B	6	5	25	800	4	2.2	≥15	90	10/700	4	SMB-T	B006N2B	5.4x3.3x2	RS485						
BS1100N-2A1	95	5	130	800	4	2.2	≥120	100	10/700	2	SMB-T	B11N2A1	5.4x3.3x2	SLIC						
BS0060U-2G	6	5	25	800	4	2.2	≥50	1000	8/20	3	SMC-T	B006U2G1	8x5.9x2	RS485/232/422						
BS0060U-2G-1	6	5	25	800	4	2.2	≥50	700	8/20	3	SMC-T	B006U2G1	8x5.9x2	RS485/232/422						
BS0060U-2G-2	6	5	25	800	4	2.2	≥50	700	8/20	3	SMC-T	B006U2G	8x5.9x2	RS485/232/422						
BS4200Q-C	400	5	520	800	4	2.2	50	35	10/700	6	DFN	B420QC	3.3x3.3x1	Ethernet						
BS0080S23-5	8	5	15	500	4	1	≥50	10	8/20	50A	SOT23-5	B008S23-5	3x2.8x1.3	xDSL						
BS0120S23-5	12	5	20	500	4	1	≥20	10	8/20	50A	SOT23-5	B012S23-5	3x2.8x1.3	xDSL						
BS0180S23-5	18	5	25	500	4	1	≥20	10	8/20	50A	SOT23-5	B018S23-5	3x2.8x1.3	xDSL						
BS0240S23-5	24	5	35	500	4	1	≥20	10	8/20	50A	SOT23-5	B024S23-5	3x2.8x1.3	xDSL						
BS0750S-E1	75	5	120	800	4	2.2	≤150	600	8/20	10	SMK	B07SE	10.5x8.2x2.2	DC Port						
BS0150N-D	15	5	25	800	4	2.2	≥30	150	10/700	8	SMB	B15ND	5.5x3.8x2.6	RS485/232/422						
BS0640N-C1-L	58	5	63.5	80	4	2.2	≥30	100	8/20	1	SMB	B06NC1L	5.5x3.8x2.6	POE						
BS1280N-C1-L	116	5	160	800	4	2.2	≥30	100	8/20	1	SMB	B06NC1L	5.5x3.8x2.6	POE						

产品型号 Part Number	不动作电压 Off state Voltage		转折电压 Switching Voltage		通态电压 On state Voltage		最小维持电流 Holding Current IH(mA)	结电容 Capacitance Co (pF) 2V@1MHZ Max	测试波形 Surge Waveform (μs)	通流能力 Surge Peak (kV)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certificate			
	VDRM (V)	ID (μA) Max	VS (V) Max	IS (mA) Max	VT (V) Max	IT (A) Max											UL497B	UL1449	TUV	CQC
BS0080M-B	6	5	25	800	4	2.2	≥50	100	10/700	4	SMA	B006U2G1	5.3x2.9x2.5	Video						
BS1500N	140	5	180	800	4	2.2	≥150	150	10/700	4	SMB	B15NB	5.5x3.8x2.6	Ethernet						
BS2600N-E-H	220	5	300	800	4	2.2	≥5	120	8/20	900A	SMB	B26NH	5.5x3.8x2.6	AC Power						
BS8000N-C-F-H	800	5	1200	800	4	2.2	≤50	50	10/700	6	SMB-F	B80NH	5.8x4.4x2.8	Ethernet						
BS2600U-E-H	225	5	300	800	4	2.2	≥5	120	8/20	1500A	SMC	B26UH	8.3x6.2x3	AC Power						
BS0300D-A-F	25	1	38	800	4	2.2	≥40	40	10/700	2	SOD123-F	B0300	3.5x1.7x0.8	RS485/232/422						

产品型号 Part Number	最大反向恢复时间 Maximum reverse recovery time TRR (ns)	最大瞬时正向电压 Maximum instantaneous forward voltage drop per diode VF (V)	最大峰值反向电压 Maximum Repetitive Peak Reverse Voltage VBR (V)	最大峰值反向电流 Maximum Repetitive Peak Reverse Voltage IR (μA)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
											UL497B	UL1449	TUV	CQC
BVA-GS3300G	>1000	<1.3V	>3300V	<5	SMC	S330G	8.3x6.2x3	PV						
BVA-GS4500G	>1000	<1.3V	>4500V	<5	SMC	S450G	8.3x6.2x3	PV						

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate					
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC		
		Min	Max																					
BV-SMAJ5CA	BV-SMAJ5A	5	800	6.4	7	10	9.2	43.5	10/1000	400	SMA	5.3x2.9x2.5	A5C	A5	DC Power									
BV-SMAJ6CA	BV-SMAJ6A	6	800	6.67	7.37	10	10.3	38.8	10/1000	400	SMA	5.3x2.9x2.5	A6C	A6	DC Power									
BV-SMAJ6.5CA	BV-SMAJ6.5A	6.5	500	7.22	7.98	10	11.2	35.7	10/1000	400	SMA	5.3x2.9x2.5	A6.5C	A6.5	DC Power									
BV-SMAJ7CA	BV-SMAJ7A	7	200	7.78	8.6	10	12	33.3	10/1000	400	SMA	5.3x2.9x2.5	A7C	A7	DC Power									
BV-SMAJ7.5CA	BV-SMAJ7.5A	7.5	100	8.33	9.21	1	12.9	31	10/1000	400	SMA	5.3x2.9x2.5	A7.5C	A7.5	DC Power									
BV-SMAJ8CA	BV-SMAJ8A	8	50	8.89	9.83	1	13.6	29.4	10/1000	400	SMA	5.3x2.9x2.5	A8C	A8	DC Power									
BV-SMAJ8.5CA	BV-SMAJ8.5A	8.5	20	9.44	10.4	1	14.4	27.8	10/1000	400	SMA	5.3x2.9x2.5	A8.5C	A8.5	DC Power									
BV-SMAJ9CA	BV-SMAJ9A	9	10	10	11.1	1	15.4	26	10/1000	400	SMA	5.3x2.9x2.5	A9C	A9	DC Power									
BV-SMAJ10CA	BV-SMAJ10A	10	5	11.1	12.3	1	17	23.5	10/1000	400	SMA	5.3x2.9x2.5	A10C	A10	DC Power									
BV-SMAJ11CA	BV-SMAJ11A	11	1	12.2	13.5	1	18.2	22	10/1000	400	SMA	5.3x2.9x2.5	A11C	A11	DC Power									
BV-SMAJ12CA	BV-SMAJ12A	12	1	13.3	14.7	1	19.9	20.1	10/1000	400	SMA	5.3x2.9x2.5	A12C	A12	DC Power									
BV-SMAJ13CA	BV-SMAJ13A	13	1	14.4	15.9	1	21.5	18.6	10/1000	400	SMA	5.3x2.9x2.5	A13C	A13	DC Power									
BV-SMAJ14CA	BV-SMAJ14A	14	1	15.6	17.2	1	23.2	17.2	10/1000	400	SMA	5.3x2.9x2.5	A14C	A14	DC Power									
BV-SMAJ15CA	BV-SMAJ15A	15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SMA	5.3x2.9x2.5	A15C	A15	DC Power									
BV-SMAJ16CA	BV-SMAJ16A	16	1	17.8	19.7	1	26	15.4	10/1000	400	SMA	5.3x2.9x2.5	A16C	A16	DC Power									
BV-SMAJ17CA	BV-SMAJ17A	17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SMA	5.3x2.9x2.5	A17C	A17	DC Power									
BV-SMAJ18CA	BV-SMAJ18A	18	1	20	22.1	1	29.2	13.7	10/1000	400	SMA	5.3x2.9x2.5	A18C	A18	DC Power									
BV-SMAJ20CA	BV-SMAJ20A	20	1	22.2	24.5	1	32.4	12.3	10/1000	400	SMA	5.3x2.9x2.5	A20C	A20	DC Power									
BV-SMAJ22CA	BV-SMAJ22A	22	1	24.4	26.9	1	35.5	11.3	10/1000	400	SMA	5.3x2.9x2.5	A22C	A22	DC Power									
BV-SMAJ24CA	BV-SMAJ24A	24	1	26.7	29.5	1	38.9	10.3	10/1000	400	SMA	5.3x2.9x2.5	A24C	A24	DC Power									
BV-SMAJ26CA	BV-SMAJ26A	26	1	28.9	31.9	1	42.1	9.5	10/1000	400	SMA	5.3x2.9x2.5	A26C	A26	DC Power									
BV-SMAJ28CA	BV-SMAJ28A	28	1	31.1	34.4	1	45.4	8.8	10/1000	400	SMA	5.3x2.9x2.5	A28C	A28	DC Power									
BV-SMAJ30CA	BV-SMAJ30A	30	1	33.3	36.8	1	48.4	8.3	10/1000	400	SMA	5.3x2.9x2.5	A30C	A30	DC Power									
BV-SMAJ33CA	BV-SMAJ33A	33	1	36.7	40.6	1	53.3	7.5	10/1000	400	SMA	5.3x2.9x2.5	A33C	A33	DC Power									
BV-SMAJ36CA	BV-SMAJ36A	36	1	40	44.2	1	58.1	6.9	10/1000	400	SMA	5.3x2.9x2.5	A36C	A36	DC Power									
BV-SMAJ40CA	BV-SMAJ40A	40	1	44.4	49.1	1	64.5	6.2	10/1000	400	SMA	5.3x2.9x2.5	A40C	A40	DC Power									
BV-SMAJ43CA	BV-SMAJ43A	43	1	47.8	52.8	1	69.4	5.8	10/1000	400	SMA	5.3x2.9x2.5	A43C	A43	DC Power									
BV-SMAJ45CA	BV-SMAJ45A	45	1	50	55.3	1	72.7	5.5	10/1000	400	SMA	5.3x2.9x2.5	A45C	A45	DC Power									
BV-SMAJ48CA	BV-SMAJ48A	48	1	53.3	58.9	1	77.4	5.2	10/1000	400	SMA	5.3x2.9x2.5	A48C	A48	DC Power									
BV-SMAJ51CA	BV-SMAJ51A	51	1	56.7	62.7	1	82.4	4.9	10/1000	400	SMA	5.3x2.9x2.5	A51C	A51	DC Power									
BV-SMAJ54CA	BV-SMAJ54A	54	1	60	66.3	1	87.1	4.6	10/1000	400	SMA	5.3x2.9x2.5	A54C	A54	DC Power									
BV-SMAJ58CA	BV-SMAJ58A	58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SMA	5.3x2.9x2.5	A58C	A58	DC Power									

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) @ I _{PP} (A) Max	双向 BI					单向 UNI	双向 BI		单向 UNI	UL497B		UL1449	TUV	CQC	
				Min	Max																	
BV-SMAJ60CA	BV-SMAJ60A	60	1	66.7	73.7	1	96.8	4.1	10/1000	400	SMA	5.3x2.9x2.5	A60C	A60	DC Power							
BV-SMAJ64CA	BV-SMAJ64A	64	1	71.1	78.6	1	103	3.9	10/1000	400	SMA	5.3x2.9x2.5	A64C	A64	DC Power							
BV-SMAJ70CA	BV-SMAJ70A	70	1	77.8	86	1	113	3.5	10/1000	400	SMA	5.3x2.9x2.5	A70C	A70	DC Power							
BV-SMAJ75CA	BV-SMAJ75A	75	1	83.3	92.1	1	121	3.3	10/1000	400	SMA	5.3x2.9x2.5	A75C	A75	DC Power							
BV-SMAJ78CA	BV-SMAJ78A	78	1	86.7	95.8	1	126	3.2	10/1000	400	SMA	5.3x2.9x2.5	A78C	A78	DC Power							
BV-SMAJ85CA	BV-SMAJ85A	85	1	94.4	104	1	137	2.9	10/1000	400	SMA	5.3x2.9x2.5	A85C	A85	DC Power							
BV-SMAJ90CA	BV-SMAJ90A	90	1	100	111	1	146	2.7	10/1000	400	SMA	5.3x2.9x2.5	A90C	A90	DC Power							
BV-SMAJ100CA	BV-SMAJ100A	100	1	111	123	1	162	2.5	10/1000	400	SMA	5.3x2.9x2.5	A100C	A100	DC Power							
BV-SMAJ110CA	BV-SMAJ110A	110	1	122	135	1	177	2.3	10/1000	400	SMA	5.3x2.9x2.5	A110C	A110	DC Power							
BV-SMAJ120CA	BV-SMAJ120A	120	1	133	147	1	193	2.1	10/1000	400	SMA	5.3x2.9x2.5	A120C	A120	DC Power							
BV-SMAJ130CA	BV-SMAJ130A	130	1	144	159	1	209	1.9	10/1000	400	SMA	5.3x2.9x2.5	A130C	A130	DC Power							
BV-SMAJ150CA	BV-SMAJ150A	150	1	167	185	1	243	1.6	10/1000	400	SMA	5.3x2.9x2.5	A150C	A150	DC Power							
BV-SMAJ160CA	BV-SMAJ160A	160	1	178	197	1	259	1.5	10/1000	400	SMA	5.3x2.9x2.5	A160C	A160	DC Power							
BV-SMAJ170CA	BV-SMAJ170A	170	1	189	209	1	275	1.5	10/1000	400	SMA	5.3x2.9x2.5	A170C	A170	DC Power							
BV-SMAJ180C	BV-SMAJ180A	180	1	201	222	1	292	1.4	10/1000	400	SMA	5.3x2.9x2.5	A180C	A180	DC Power							
BV-SMAJ200C	BV-SMAJ200A	200	1	224	247	1	324	1.2	10/1000	400	SMA	5.3x2.9x2.5	A200C	A200	DC Power							
BV-SMAJ220C	BV-SMAJ220A	220	1	246	272	1	356	1.1	10/1000	400	SMA	5.3x2.9x2.5	A220C	A220	DC Power							
BV-SMAJ250C	BV-SMAJ250A	250	1	279	309	1	405	1	10/1000	400	SMA	5.3x2.9x2.5	A250C	A250	DC Power							
BV-SMAJ300C	BV-SMAJ300A	300	1	335	371	1	486	0.8	10/1000	400	SMA	5.3x2.9x2.5	A300C	A300	DC Power							
BV-SMAJ350C	BV-SMAJ350A	350	1	391	432	1	567	0.7	10/1000	400	SMA	5.3x2.9x2.5	A350C	A350	DC Power							
BV-SMAJ400C	BV-SMAJ400A	400	1	447	494	1	648	0.6	10/1000	400	SMA	5.3x2.9x2.5	A400C	A400	DC Power							
BV-SMAJ440C	BV-SMAJ440A	440	1	492	543	1	713	0.6	10/1000	400	SMA	5.3x2.9x2.5	A440C	A440	DC Power							
BV-SMBJ5CA	BV-SMBJ5A	5	800	6.4	7	10	9.2	65.3	10/1000	600	SMB	5.45x3.75x2.6	B5C	B5	DC Power							
BV-SMBJ6CA	BV-SMBJ6A	6	800	6.67	7.37	10	10.3	58.3	10/1000	600	SMB	5.5x3.8x2.6	B6C	B6	DC Power							
BV-SMBJ6.5CA	BV-SMBJ6.5A	6.5	500	7.22	7.98	10	11.2	53.6	10/1000	600	SMB	5.5x3.8x2.6	B6.5C	B6.5	DC Power							
BV-SMBJ7CA	BV-SMBJ7A	7	200	7.78	8.6	10	12	50	10/1000	600	SMB	5.5x3.8x2.6	B7C	B7	DC Power							
BV-SMBJ7.5CA	BV-SMBJ7.5A	7.5	100	8.33	9.21	1	12.9	46.6	10/1000	600	SMB	5.5x3.8x2.6	B7.5C	B7.5	DC Power							
BV-SMBJ8CA	BV-SMBJ8A	8	50	8.89	9.83	1	13.6	44.2	10/1000	600	SMB	5.5x3.8x2.6	B8C	B8	DC Power							
BV-SMBJ8.5CA	BV-SMBJ8.5A	8.5	20	9.44	10.4	1	14.4	41.7	10/1000	600	SMB	5.5x3.8x2.6	B8.5C	B8.5	DC Power							
BV-SMBJ9CA	BV-SMBJ9A	9	10	10	11.1	1	15.4	39	10/1000	600	SMB	5.5x3.8x2.6	B9C	B9	DC Power							
BV-SMBJ10CA	BV-SMBJ10A	10	5	11.1	12.3	1	17	35.3	10/1000	600	SMB	5.5x3.8x2.6	B10C	B10	DC Power							
BV-SMBJ11CA	BV-SMBJ11A	11	1	12.2	13.5	1	18.2	33	10/1000	600	SMB	5.5x3.8x2.6	B11C	B11	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMBJ12CA	BV-SMBJ12A	12	1	13.3	14.7	1	19.9	30.2	10/1000	600	SMB	5.3x2.9x2.5	B12C	B12	DC Power							
BV-SMBJ13CA	BV-SMBJ13A	13	1	14.4	15.9	1	21.5	28	10/1000	600	SMB	5.3x2.9x2.5	B13C	B13	DC Power							
BV-SMBJ14CA	BV-SMBJ14A	14	1	15.6	17.2	1	23.2	25.9	10/1000	600	SMB	5.3x2.9x2.5	B14C	B14	DC Power							
BV-SMBJ15CA	BV-SMBJ15A	15	1	16.7	18.5	1	24.4	24.6	10/1000	600	SMB	5.3x2.9x2.5	B15C	B15	DC Power							
BV-SMBJ16CA	BV-SMBJ16A	16	1	17.8	19.7	1	26	23.1	10/1000	600	SMB	5.3x2.9x2.5	B16C	B16	DC Power							
BV-SMBJ17CA	BV-SMBJ17A	17	1	18.9	20.9	1	27.6	21.8	10/1000	600	SMB	5.3x2.9x2.5	B17C	B17	DC Power							
BV-SMBJ18CA	BV-SMBJ18A	18	1	20	22.1	1	29.2	20.6	10/1000	600	SMB	5.3x2.9x2.5	B18C	B18	DC Power							
BV-SMBJ20CA	BV-SMBJ20A	20	1	22.2	24.5	1	32.4	18.6	10/1000	600	SMB	5.3x2.9x2.5	B20C	B20	DC Power							
BV-SMBJ22CA	BV-SMBJ22A	22	1	24.4	26.9	1	35.5	16.9	10/1000	600	SMB	5.3x2.9x2.5	B22C	B22	DC Power							
BV-SMBJ24CA	BV-SMBJ24A	24	1	26.7	29.5	1	38.9	15.5	10/1000	600	SMB	5.3x2.9x2.5	B24C	B24	DC Power							
BV-SMBJ26CA	BV-SMBJ26A	26	1	28.9	31.9	1	42.1	14.3	10/1000	600	SMB	5.3x2.9x2.5	B26C	B26	DC Power							
BV-SMBJ28CA	BV-SMBJ28A	28	1	31.1	34.4	1	45.4	13.3	10/1000	600	SMB	5.3x2.9x2.5	B28C	B28	DC Power							
BV-SMBJ30CA	BV-SMBJ30A	30	1	33.3	36.8	1	48.4	12.4	10/1000	600	SMB	5.3x2.9x2.5	B30C	B30	DC Power							
BV-SMBJ33CA	BV-SMBJ33A	33	1	36.7	40.6	1	53.3	11.3	10/1000	600	SMB	5.3x2.9x2.5	B33C	B33	DC Power							
BV-SMBJ36CA	BV-SMBJ36A	36	1	40	44.2	1	58.1	10.4	10/1000	600	SMB	5.3x2.9x2.5	B36C	B36	DC Power							
BV-SMBJ40CA	BV-SMBJ40A	40	1	44.4	49.1	1	64.5	9.3	10/1000	600	SMB	5.3x2.9x2.5	B40C	B40	DC Power							
BV-SMBJ43CA	BV-SMBJ43A	43	1	47.8	52.8	1	69.4	8.7	10/1000	600	SMB	5.3x2.9x2.5	B43C	B43	DC Power							
BV-SMBJ45CA	BV-SMBJ45A	45	1	50	55.3	1	72.7	8.3	10/1000	600	SMB	5.3x2.9x2.5	B45C	B45	DC Power							
BV-SMBJ48CA	BV-SMBJ48A	48	1	53.3	58.9	1	77.4	7.8	10/1000	600	SMB	5.3x2.9x2.5	B48C	B48	DC Power							
BV-SMBJ51CA	BV-SMBJ51A	51	1	56.7	62.7	1	82.4	7.3	10/1000	600	SMB	5.3x2.9x2.5	B51C	B51	DC Power							
BV-SMBJ54CA	BV-SMBJ54A	54	1	60	66.3	1	87.1	6.9	10/1000	600	SMB	5.3x2.9x2.5	B54C	B54	DC Power							
BV-SMBJ58CA	BV-SMBJ58A	58	1	64.4	71.2	1	93.6	6.5	10/1000	600	SMB	5.3x2.9x2.5	B58C	B58	DC Power							
BV-SMBJ60CA	BV-SMBJ60A	60	1	66.7	73.7	1	96.8	6.2	10/1000	600	SMB	5.45x3.75x2.6	B60C	B60	DC Power							
BV-SMBJ64CA	BV-SMBJ64A	64	1	71.1	78.6	1	103	5.9	10/1000	600	SMB	5.5x3.8x2.6	B64C	B64	DC Power							
BV-SMBJ70CA	BV-SMBJ70A	70	1	77.8	86	1	113	5.3	10/1000	600	SMB	5.5x3.8x2.6	B70C	B70	DC Power							
BV-SMBJ75CA	BV-SMBJ75A	75	1	83.3	92.1	1	121	5	10/1000	600	SMB	5.5x3.8x2.6	B75C	B75	DC Power							
BV-SMBJ78CA	BV-SMBJ78A	78	1	86.7	95.8	1	126	4.8	10/1000	600	SMB	5.5x3.8x2.6	B78C	B78	DC Power							
BV-SMBJ85CA	BV-SMBJ85A	85	1	94.4	104	1	137	4.4	10/1000	600	SMB	5.5x3.8x2.6	B85C	B85	DC Power							
BV-SMBJ90CA	BV-SMBJ90A	90	1	100	111	1	146	4.1	10/1000	600	SMB	5.5x3.8x2.6	B90C	B90	DC Power							
BV-SMBJ100CA	BV-SMBJ100A	100	1	111	123	1	162	3.7	10/1000	600	SMB	5.5x3.8x2.6	B100C	B100	DC Power							
BV-SMBJ110CA	BV-SMBJ110A	110	1	122	135	1	177	3.4	10/1000	600	SMB	5.5x3.8x2.6	B110C	B110	DC Power							
BV-SMBJ120CA	BV-SMBJ120A	120	1	133	147	1	193	3.1	10/1000	600	SMB	5.5x3.8x2.6	B120C	B120	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMBJ130CA	BV-SMBJ130A	130	1	144	159	1	209	2.9	10/1000	600	SMB	5.3x2.9x2.5	B130C	B130	DC Power							
BV-SMBJ150CA	BV-SMBJ150A	150	1	167	185	1	243	2.5	10/1000	600	SMB	5.3x2.9x2.5	B150C	B150	DC Power							
BV-SMBJ160CA	BV-SMBJ160A	160	1	178	197	1	259	2.3	10/1000	600	SMB	5.3x2.9x2.5	B160C	B160	DC Power							
BV-SMBJ170CA	BV-SMBJ170A	170	1	189	209	1	275	2.2	10/1000	600	SMB	5.3x2.9x2.5	B170C	B170	DC Power							
BV-SMBJ180CA	BV-SMBJ180A	180	1	201	222	1	292	2.1	10/1000	600	SMB	5.3x2.9x2.5	B180C	B180	DC Power							
BV-SMBJ188CA	BV-SMBJ188A	188	1	209	231	1	304	2	10/1000	600	SMB	5.3x2.9x2.5	B188C	B188	DC Power							
BV-SMBJ200CA	BV-SMBJ200A	200	1	224	247	1	324	1.9	10/1000	600	SMB	5.3x2.9x2.5	B200C	B200	DC Power							
BV-SMBJ220CA	BV-SMBJ220A	220	1	246	272	1	356	1.7	10/1000	600	SMB	5.3x2.9x2.5	B220C	B220	DC Power							
BV-SMBJ250CA	BV-SMBJ250A	250	1	279	309	1	405	1.5	10/1000	600	SMB	5.3x2.9x2.5	B250C	B250	DC Power							
BV-SMBJ300CA	BV-SMBJ300A	300	1	335	371	1	486	1.3	10/1000	600	SMB	5.3x2.9x2.5	B300C	B300	DC Power							
BV-SMBJ350CA	BV-SMBJ350A	350	1	391	432	1	567	1.1	10/1000	600	SMB	5.3x2.9x2.5	B350C	B350	DC Power							
BV-SMBJ400CA	BV-SMBJ400A	400	1	447	494	1	648	0.9	10/1000	600	SMB	5.3x2.9x2.5	B400C	B400	DC Power							
BV-SMBJ440CA	BV-SMBJ440A	440	1	492	543	1	713	0.9	10/1000	600	SMB	5.3x2.9x2.5	B440C	B440	DC Power							
BV-SMBJ480CA	BV-SMBJ480A	480	1	536	593	1	750	0.8	10/1000	600	SMB	5.3x2.9x2.5	B480C	B480	DC Power							
BV-SMCJ5CA	BV-SMCJ5A	5	800	6.4	7	10	9.2	163.0	10/1000	1500	SMC	8.3x62x3	C5C	C5	DC Power							
BV-SMCJ6CA	BV-SMCJ6A	6	800	6.67	7.37	10	10.3	145.7	10/1000	1500	SMC	8.3x62x3	C6C	C6	DC Power							
BV-SMCJ6.5CA	BV-SMCJ6.5A	6.5	500	7.22	7.98	10	11.2	134.0	10/1000	1500	SMC	8.3x62x3	C6.5C	C6.5	DC Power							
BV-SMCJ7CA	BV-SMCJ7A	7	200	7.78	8.6	10	12	125.0	10/1000	1500	SMC	8.3x62x3	C7C	C7	DC Power							
BV-SMCJ7.5CA	BV-SMCJ7.5A	7.5	100	8.33	9.21	1	12.9	116.3	10/1000	1500	SMC	8.3x62x3	C7.5C	C7.5	DC Power							
BV-SMCJ8CA	BV-SMCJ8A	8	50	8.89	9.83	1	13.6	110.3	10/1000	1500	SMC	8.3x62x3	C8C	C8	DC Power							
BV-SMCJ8.5CA	BV-SMCJ8.5A	8.5	20	9.44	10.4	1	14.4	104.2	10/1000	1500	SMC	8.3x62x3	C8.5C	C8.5	DC Power							
BV-SMCJ9CA	BV-SMCJ9A	9	10	10	11.1	1	15.4	97.4	10/1000	1500	SMC	8.3x62x3	C9C	C9	DC Power							
BV-SMCJ10CA	BV-SMCJ10A	10	5	11.1	12.3	1	17	88.3	10/1000	1500	SMC	8.3x62x3	C10C	C10	DC Power							
BV-SMCJ11CA	BV-SMCJ11A	11	1	12.2	13.5	1	18.2	82.5	10/1000	1500	SMC	8.3x62x3	C11C	C11	DC Power							
BV-SMCJ12CA	BV-SMCJ12A	12	1	13.3	14.7	1	19.9	75.4	10/1000	1500	SMC	8.3x62x3	C12C	C12	DC Power							
BV-SMCJ13CA	BV-SMCJ13A	13	1	14.4	15.9	1	21.5	69.8	10/1000	1500	SMC	8.3x62x3	C13C	C13	DC Power							
BV-SMCJ14CA	BV-SMCJ14A	14	1	15.6	17.2	1	23.2	64.7	10/1000	1500	SMC	8.3x62x3	C14C	C14	DC Power							
BV-SMCJ15CA	BV-SMCJ15A	15	1	16.7	18.5	1	24.4	61.5	10/1000	1500	SMC	8.3x62x3	C15C	C15	DC Power							
BV-SMCJ16CA	BV-SMCJ16A	16	1	17.8	19.7	1	26	57.7	10/1000	1500	SMC	8.3x62x3	C16C	C16	DC Power							
BV-SMCJ17CA	BV-SMCJ17A	17	1	18.9	20.9	1	27.6	54.4	10/1000	1500	SMC	8.3x62x3	C17C	C17	DC Power							
BV-SMCJ18CA	BV-SMCJ18A	18	1	20	22.1	1	29.2	51.4	10/1000	1500	SMC	8.3x62x3	C18C	C18	DC Power							
BV-SMCJ20CA	BV-SMCJ20A	20	1	22.2	24.5	1	32.4	46.3	10/1000	1500	SMC	8.3x62x3	C20C	C20	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMCJ22CA	BV-SMCJ22A	22	1	24.4	26.9	1	35.5	42.3	10/1000	1500	SMC	8.3x62x3	C22C	C22	DC Power							
BV-SMCJ24CA	BV-SMCJ24A	24	1	26.7	29.5	1	38.9	38.6	10/1000	1500	SMC	8.3x62x3	C24C	C24	DC Power							
BV-SMCJ26CA	BV-SMCJ26A	26	1	28.9	31.9	1	42.1	35.7	10/1000	1500	SMC	8.3x62x3	C26C	C26	DC Power							
BV-SMCJ28CA	BV-SMCJ28A	28	1	31.1	34.4	1	45.4	33.1	10/1000	1500	SMC	8.3x62x3	C28C	C28	DC Power							
BV-SMCJ30CA	BV-SMCJ30A	30	1	33.3	36.8	1	48.4	31.0	10/1000	1500	SMC	8.3x62x3	C30C	C30	DC Power							
BV-SMCJ33CA	BV-SMCJ33A	33	1	36.7	40.6	1	53.3	28.2	10/1000	1500	SMC	8.3x62x3	C33C	C33	DC Power							
BV-SMCJ36CA	BV-SMCJ36A	36	1	40	44.2	1	58.1	25.9	10/1000	1500	SMC	8.3x62x3	C36C	C36	DC Power							
BV-SMCJ40CA	BV-SMCJ40A	40	1	44.4	49.1	1	64.5	23.3	10/1000	1500	SMC	8.3x62x3	C40C	C40	DC Power							
BV-SMCJ43CA	BV-SMCJ43A	43	1	47.8	52.8	1	69.4	21.7	10/1000	1500	SMC	8.3x62x3	C43C	C43	DC Power							
BV-SMCJ45CA	BV-SMCJ45A	45	1	50	55.3	1	72.7	20.6	10/1000	1500	SMC	8.3x62x3	C45C	C45	DC Power							
BV-SMCJ48CA	BV-SMCJ48A	48	1	53.3	58.9	1	77.4	19.4	10/1000	1500	SMC	8.3x62x3	C48C	C48	DC Power							
BV-SMCJ51CA	BV-SMCJ51A	51	1	56.7	62.7	1	82.4	18.2	10/1000	1500	SMC	8.3x62x3	C51C	C51	DC Power							
BV-SMCJ54CA	BV-SMCJ54A	54	1	60	66.3	1	87.1	17.3	10/1000	1500	SMC	8.3x62x3	C54C	C54	DC Power							
BV-SMCJ58CA	BV-SMCJ58A	58	1	64.4	71.2	1	93.6	16.1	10/1000	1500	SMC	8.3x62x3	C58C	C58	DC Power							
BV-SMCJ60CA	BV-SMCJ60A	60	1	66.7	73.7	1	96.8	15.5	10/1000	1500	SMC	8.3x62x3	C60C	C60	DC Power							
BV-SMCJ64CA	BV-SMCJ64A	64	1	71.1	78.6	1	103	14.6	10/1000	1500	SMC	8.3x62x3	C64C	C64	DC Power							
BV-SMCJ70CA	BV-SMCJ70A	70	1	77.8	86	1	113	13.3	10/1000	1500	SMC	8.3x62x3	C70C	C70	DC Power							
BV-SMCJ75CA	BV-SMCJ75A	75	1	83.3	92.1	1	121	12.4	10/1000	1500	SMC	8.3x62x3	C75C	C75	DC Power							
BV-SMCJ78CA	BV-SMCJ78A	78	1	86.7	95.8	1	126	11.9	10/1000	1500	SMC	8.3x62x3	C78C	C78	DC Power							
BV-SMCJ85CA	BV-SMCJ85A	85	1	94.4	104	1	137	11.0	10/1000	1500	SMC	8.3x62x3	C85C	C85	DC Power							
BV-SMCJ90CA	BV-SMCJ90A	90	1	100	111	1	146	10.3	10/1000	1500	SMC	8.3x62x3	C90C	C90	DC Power							
BV-SMCJ100CA	BV-SMCJ100A	100	1	111	123	1	162	9.3	10/1000	1500	SMC	8.3x62x3	C100C	C100	DC Power							
BV-SMCJ110CA	BV-SMCJ110A	110	1	122	135	1	177	8.5	10/1000	1500	SMC	8.3x62x3	C110C	C110	DC Power							
BV-SMCJ120CA	BV-SMCJ120CA	120	1	133	147	1	193	7.8	10/1000	1500	SMC	8.3x62x3	C120C	C120C	DC Power							
BV-SMCJ130CA	BV-SMCJ130CA	130	1	144	159	1	209	7.2	10/1000	1500	SMC	8.3x62x3	C130C	C130C	DC Power							
BV-SMCJ150CA	BV-SMCJ150CA	150	1	167	185	1	243	6.2	10/1000	1500	SMC	8.3x62x3	C150C	C150C	DC Power							
BV-SMCJ160CA	BV-SMCJ160CA	160	1	178	197	1	259	5.8	10/1000	1500	SMC	8.3x62x3	C160C	C160C	DC Power							
BV-SMCJ170CA	BV-SMCJ170CA	170	1	189	209	1	275	5.5	10/1000	1500	SMC	8.3x62x3	C170C	C170C	DC Power							
BV-SMCJ180CA	BV-SMCJ180CA	180	1	201	222	1	292	5.1	10/1000	1500	SMC	8.3x62x3	C180C	C180C	DC Power							
BV-SMCJ200CA	BV-SMCJ200CA	200	1	224	247	1	324	4.6	10/1000	1500	SMC	8.3x62x3	C200C	C200C	DC Power							
BV-SMCJ220CA	BV-SMCJ220CA	220	1	246	272	1	356	4.2	10/1000	1500	SMC	8.3x62x3	C220C	C220C	DC Power							
BV-SMCJ250CA	BV-SMCJ250CA	250	1	279	309	1	405	3.7	10/1000	1500	SMC	8.3x62x3	C250C	C250C	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMCJ300CA	BV-SMCJ300CA	300	1	335	371	1	486	3.1	10/1000	1500	SMC	8.3x62x3	C300C	C300C	DC Power							
BV-SMCJ350CA	BV-SMCJ350CA	350	1	391	432	1	567	2.6	10/1000	1500	SMC	8.3x62x3	C350C	C350C	DC Power							
BV-SMCJ400CA	BV-SMCJ400CA	400	1	447	494	1	648	2.3	10/1000	1500	SMC	8.3x62x3	C400C	C400C	DC Power							
BV-SMCJ440CA	BV-SMCJ440CA	440	1	492	543	1	713	2.1	10/1000	1500	SMC	8.3x62x3	C440C	C440C	DC Power							
BV-SMDJ5CA	BV-SMDJ5A	5	800	6.4	7	10	9.2	326.1	10/1000	3000	SMC	8.3x62x3	D5C	D5	DC Power							
BV-SMDJ6CA	BV-SMDJ6A	6	800	6.67	7.37	10	10.3	291.3	10/1000	3000	SMC	8.3x62x3	D6C	D6	DC Power							
BV-SMDJ6.5CA	BV-SMDJ6.5A	6.5	500	7.22	7.98	10	11.2	267.9	10/1000	3000	SMC	8.3x62x3	D6.5C	D6.5	DC Power							
BV-SMDJ7CA	BV-SMDJ7A	7	200	7.78	8.6	10	12	250.0	10/1000	3000	SMC	8.3x62x3	D7C	D7	DC Power							
BV-SMDJ7.5CA	BV-SMDJ7.5A	7.5	100	8.33	9.21	1	12.9	232.6	10/1000	3000	SMC	8.3x62x3	D7.5C	D7.5	DC Power							
BV-SMDJ8CA	BV-SMDJ8A	8	50	8.89	9.83	1	13.6	220.6	10/1000	3000	SMC	8.3x62x3	D8C	D8	DC Power							
BV-SMDJ8.5CA	BV-SMDJ8.5A	8.5	20	9.44	10.4	1	14.4	208.3	10/1000	3000	SMC	8.3x62x3	D8.5C	D8.5	DC Power							
BV-SMDJ9CA	BV-SMDJ9A	9	10	10	11.1	1	15.4	194.8	10/1000	3000	SMC	8.3x62x3	D9C	D9	DC Power							
BV-SMDJ10CA	BV-SMDJ10A	10	5	11.1	12.3	1	17	176.5	10/1000	3000	SMC	8.3x62x3	D10C	D10	DC Power							
BV-SMDJ11CA	BV-SMDJ11A	11	2	12.2	13.5	1	18.2	164.8	10/1000	3000	SMC	8.3x62x3	D11C	D11	DC Power							
BV-SMDJ12CA	BV-SMDJ12A	12	1	13.3	14.7	1	19.9	150.8	10/1000	3000	SMC	8.3x62x3	D12C	D12	DC Power							
BV-SMDJ13CA	BV-SMDJ13A	13	1	14.4	15.9	1	21.5	139.5	10/1000	3000	SMC	8.3x62x3	D13C	D13	DC Power							
BV-SMDJ14CA	BV-SMDJ14A	14	1	15.6	17.2	1	23.2	129.3	10/1000	3000	SMC	8.3x62x3	D14C	D14	DC Power							
BV-SMDJ15CA	BV-SMDJ15A	15	1	16.7	18.5	1	24.4	123.0	10/1000	3000	SMC	8.3x62x3	D15C	D15	DC Power							
BV-SMDJ16CA	BV-SMDJ16A	16	1	17.8	19.7	1	26	115.4	10/1000	3000	SMC	8.3x62x3	D16C	D16	DC Power							
BV-SMDJ17CA	BV-SMDJ17A	17	1	18.9	20.9	1	27.6	108.7	10/1000	3000	SMC	8.3x62x3	D17C	D17	DC Power							
BV-SMDJ18CA	BV-SMDJ18A	18	1	20	22.1	1	29.2	102.7	10/1000	3000	SMC	8.3x62x3	D18C	D18	DC Power							
BV-SMDJ20CA	BV-SMDJ20A	20	1	22.2	24.5	1	32.4	92.6	10/1000	3000	SMC	8.3x62x3	D20C	D20	DC Power							
BV-SMDJ22CA	BV-SMDJ22A	22	1	24.4	26.9	1	35.5	84.5	10/1000	3000	SMC	8.3x62x3	D22C	D22	DC Power							
BV-SMDJ24CA	BV-SMDJ24A	24	1	26.7	29.5	1	38.9	77.1	10/1000	3000	SMC	8.3x62x3	D24C	D24	DC Power							
BV-SMDJ26CA	BV-SMDJ26A	26	1	28.9	31.9	1	42.1	71.3	10/1000	3000	SMC	8.3x62x3	D26C	D26	DC Power							
BV-SMDJ28CA	BV-SMDJ28A	28	1	31.1	34.4	1	45.4	66.1	10/1000	3000	SMC	8.3x62x3	D28C	D28	DC Power							
BV-SMDJ30CA	BV-SMDJ30A	30	1	33.3	36.8	1	48.4	62.0	10/1000	3000	SMC	8.3x62x3	D30C	D30	DC Power							
BV-SMDJ33CA	BV-SMDJ33A	33	1	36.7	40.6	1	53.3	56.3	10/1000	3000	SMC	8.3x62x3	D33C	D33	DC Power							
BV-SMDJ36CA	BV-SMDJ36A	36	1	40	44.2	1	58.1	51.6	10/1000	3000	SMC	8.3x62x3	D36C	D36	DC Power							
BV-SMDJ40CA	BV-SMDJ40A	40	1	44.4	49.1	1	64.5	46.5	10/1000	3000	SMC	8.3x62x3	D40C	D40	DC Power							
BV-SMDJ43CA	BV-SMDJ43A	43	1	47.8	52.8	1	69.4	43.2	10/1000	3000	SMC	8.3x62x3	D43C	D43	DC Power							
BV-SMDJ45CA	BV-SMDJ45A	45	1	50	55.3	1	72.7	41.3	10/1000	3000	SMC	8.3x62x3	D45C	D45	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate					
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		应用 Application	双向 BI		单向 UNI	产品外观 Outline	UL497B	UL1449	TUV	CQC
				Min	Max																			
BV-SMDJ48CA	BV-SMDJ48A	48	1	53.3	58.9	1	77.4	38.8	10/1000	3000	SMC	8.3x62x3	D48C	D48	DC Power									
BV-SMDJ51CA	BV-SMDJ51A	51	1	56.7	62.7	1	82.4	36.4	10/1000	3000	SMC	8.3x62x3	D51C	D51	DC Power									
BV-SMDJ54CA	BV-SMDJ54A	54	1	60	66.3	1	87.1	34.4	10/1000	3000	SMC	8.3x62x3	D54C	D54	DC Power									
BV-SMDJ58CA	BV-SMDJ58A	58	1	64.4	71.2	1	93.6	32.1	10/1000	3000	SMC	8.3x62x3	D58C	D58	DC Power									
BV-SMDJ60CA	BV-SMDJ60A	60	1	66.7	73.7	1	96.8	31.0	10/1000	3000	SMC	8.3x62x3	D60C	D60	DC Power									
BV-SMDJ64CA	BV-SMDJ64A	64	1	71.1	78.6	1	103	29.1	10/1000	3000	SMC	8.3x62x3	D64C	D64	DC Power									
BV-SMDJ70CA	BV-SMDJ70A	70	1	77.8	86	1	113	26.5	10/1000	3000	SMC	8.3x62x3	D70C	D70	DC Power									
BV-SMDJ75CA	BV-SMDJ75A	75	1	83.3	92.1	1	121	24.8	10/1000	3000	SMC	8.3x62x3	D75C	D75	DC Power									
BV-SMDJ78CA	BV-SMDJ78A	78	1	86.7	95.8	1	126	23.8	10/1000	3000	SMC	8.3x62x3	D78C	D78	DC Power									
BV-SMDJ85CA	BV-SMDJ85A	85	1	94.4	104	1	137	21.9	10/1000	3000	SMC	8.3x62x3	D85C	D85	DC Power									
BV-SMDJ90CA	BV-SMDJ90A	90	1	100	111	1	146	20.5	10/1000	3000	SMC	8.3x62x3	D90C	D90	DC Power									
BV-SMDJ100CA	BV-SMDJ100A	100	1	111	123	1	162	18.5	10/1000	3000	SMC	8.3x62x3	D100C	D100	DC Power									
BV-SMDJ110CA	BV-SMDJ110A	110	1	122	135	1	177	16.9	10/1000	3000	SMC	8.3x62x3	D110C	D110	DC Power									
BV-SMDJ120CA	BV-SMDJ120A	120	1	133	147	1	193	15.5	10/1000	3000	SMC	8.3x62x3	D120C	D120	DC Power									
BV-SMDJ130CA	BV-SMDJ130A	130	1	144	159	1	209	14.4	10/1000	3000	SMC	8.3x62x3	D130C	D130	DC Power									
BV-SMDJ150CA	BV-SMDJ150A	150	1	167	185	1	243	12.3	10/1000	3000	SMC	8.3x62x3	D150C	D150	DC Power									
BV-SMDJ160CA	BV-SMDJ160A	160	1	178	197	1	259	11.6	10/1000	3000	SMC	8.3x62x3	D160C	D160	DC Power									
BV-SMDJ170CA	BV-SMDJ170A	170	1	189	209	1	275	10.9	10/1000	3000	SMC	8.3x62x3	D170C	D170	DC Power									
BV-5SMDJ11CA	BV-5SMDJ11A	11	800	12.2	13.5	1	18.2	275	10/1000	5000	SMC	8.3x62x3	5D11C	5D11	DC Power									
BV-5 SMDJ12CA	BV-5 SMDJ12A	12	800	13.3	14.7	1	19.9	252	10/1000	5000	SMC	8.3x62x3	5D12C	5D12	DC Power									
BV-5SMDJ13CA	BV-5SMDJ13A	13	500	14.4	15.9	1	21.5	233	10/1000	5000	SMC	8.3x62x3	5D13C	5D13	DC Power									
BV-5SMDJ14CA	BV-5SMDJ14A	14	200	15.6	17.2	1	23.2	216	10/1000	5000	SMC	8.3x62x3	5D14C	5D14	DC Power									
BV-5SMDJ15CA	BV-5SMDJ15A	15	100	16.7	18.5	1	24.4	205	10/1000	5000	SMC	8.3x62x3	5D15C	5D15	DC Power									
BV-5SMDJ16CA	BV-5SMDJ16A	16	50	17.8	19.7	1	26	193	10/1000	5000	SMC	8.3x62x3	5D16C	5D16	DC Power									
BV-5SMDJ17CA	BV-5SMDJ17A	17	20	18.9	20.9	1	27.6	181	10/1000	5000	SMC	8.3x62x3	5D17C	5D17	DC Power									
BV-5SMDJ18CA	BV-5SMDJ18A	18	10	20	22.1	1	29.2	172	10/1000	5000	SMC	8.3x62x3	5D18C	5D18	DC Power									
BV-5SMDJ20CA	BV-5SMDJ20A	20	5	22.2	24.5	1	32.4	155	10/1000	5000	SMC	8.3x62x3	5D20C	5D20	DC Power									
BV-5SMDJ22CA	BV-5SMDJ22A	22	5	24.4	26.9	1	35.5	141	10/1000	5000	SMC	8.3x62x3	5D22C	5D22	DC Power									
BV-5SMDJ24CA	BV-5SMDJ24A	24	2	26.7	29.5	1	38.9	129	10/1000	5000	SMC	8.3x62x3	5D24C	5D24	DC Power									
BV-5SMDJ26CA	BV-5SMDJ26A	26	2	28.9	31.9	1	42.1	119	10/1000	5000	SMC	8.3x62x3	5D26C	5D26	DC Power									
BV-5SMDJ28CA	BV-5SMDJ28A	28	2	31.1	34.4	1	45.4	110	10/1000	5000	SMC	8.3x62x3	5D28C	5D28	DC Power									
BV-5SMDJ30CA	BV-5SMDJ30A	30	2	33.3	36.8	1	48.4	103	10/1000	5000	SMC	8.3x62x3	5D30C	5D30	DC Power									

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI								
				Min	Max																	
BV-5SMDJ33CA	BV-5SMDJ33A	33	2	36.7	40.6	1	53.3	93.9	10/1000	5000	SMC	8.3x62x3	5D33C	5D33	DC Power							
BV-5SMDJ36CA	BV-5SMDJ36A	36	2	40	44.2	1	58.1	86.1	10/1000	5000	SMC	8.3x62x3	5D36C	5D36	DC Power							
BV-5SMDJ40CA	BV-5SMDJ40A	40	2	44.4	49.1	1	64.5	77.6	10/1000	5000	SMC	8.3x62x3	5D40C	5D40	DC Power							
BV-5SMDJ43CA	BV-5SMDJ43A	43	2	47.8	52.8	1	69.4	72.1	10/1000	5000	SMC	8.3x62x3	5D43C	5D43	DC Power							
BV-5SMDJ45CA	BV-5SMDJ45A	45	2	50	55.3	1	72.7	68.8	10/1000	5000	SMC	8.3x62x3	5D45C	5D45	DC Power							
BV-5SMDJ48CA	BV-5SMDJ48A	48	2	53.3	58.9	1	77.4	64.7	10/1000	5000	SMC	8.3x62x3	5D48C	5D48	DC Power							
BV-5SMDJ51CA	BV-5SMDJ51A	51	2	56.7	62.7	1	82.4	60.7	10/1000	5000	SMC	8.3x62x3	5D51C	5D51	DC Power							
BV-5SMDJ54CA	BV-5SMDJ54A	54	2	60	66.3	1	87.1	57.5	10/1000	5000	SMC	8.3x62x3	5D54C	5D54	DC Power							
BV-5SMDJ58CA	BV-5SMDJ58A	58	2	64.4	71.2	1	93.6	53.5	10/1000	5000	SMC	8.3x62x3	5D58C	5D58	DC Power							
BV-5SMDJ60CA	BV-5SMDJ60A	60	2	66.7	73.7	1	96.8	51.7	10/1000	5000	SMC	8.3x62x3	5D60C	5D60	DC Power							
BV-5SMDJ64CA	BV-5SMDJ64A	64	2	71.1	78.6	1	103	48.6	10/1000	5000	SMC	8.3x62x3	5D64C	5D64	DC Power							
BV-5SMDJ70CA	BV-5SMDJ70A	70	2	77.8	86	1	113	44.3	10/1000	5000	SMC	8.3x62x3	5D70C	5D70	DC Power							
BV-5SMDJ75CA	BV-5SMDJ75A	75	2	83.3	92.1	1	121	41.4	10/1000	5000	SMC	8.3x62x3	5D75C	5D75	DC Power							
BV-5SMDJ78CA	BV-5SMDJ78A	78	2	86.7	95.8	1	126	39.7	10/1000	5000	SMC	8.3x62x3	5D78C	5D78	DC Power							
BV-5SMDJ85CA	BV-5SMDJ85A	85	2	94.4	104	1	137	36.5	10/1000	5000	SMC	8.3x62x3	5D85C	5D85	DC Power							
BV-5SMDJ90CA	BV-5SMDJ90A	90	2	100	111	1	146	34.3	10/1000	5000	SMC	8.3x62x3	5D90C	5D90	DC Power							
BV-5SMDJ100CA	BV-5SMDJ100A	100	2	111	123	1	162	30.9	10/1000	5000	SMC	8.3x62x3	5D100C	5D100	DC Power							
BV-5SMDJ110CA	BV-5SMDJ110A	110	2	122	135	1	177	28.3	10/1000	5000	SMC	8.3x62x3	5D110C	5D110	DC Power							
BV-5SMDJ120CA	BV-5SMDJ120A	120	2	133	147	1	193	26	10/1000	5000	SMC	8.3x62x3	5D120C	5D120	DC Power							
BV-5SMDJ130CA	BV-5SMDJ130A	130	2	144	159	1	209	24	10/1000	5000	SMC	8.3x62x3	5D130C	5D130	DC Power							
BV-5SMDJ150CA	BV-5SMDJ150A	150	2	167	185	1	243	20.6	10/1000	5000	SMC	8.3x62x3	5D150C	5D150	DC Power							
BV-5SMDJ160CA	BV-5SMDJ160A	160	2	178	197	1	259	19.3	10/1000	5000	SMC	8.3x62x3	5D160C	5D160	DC Power							
BV-5SMDJ170CA	BV-5SMDJ170A	170	2	189	209	1	275	18.2	10/1000	5000	SMC	8.3x62x3	5D170C	5D170	DC Power							
BV-D105ZCF	BV-D105ZF	5	800	6.4	7	10	9.2	21.8	10/1000	200	SOD123F	3.7x1.8x1	AE	AE	DC Power							
BV-D106ZCF	BV-D106ZF	6	800	6.67	7.37	10	10.3	19.4	10/1000	200	SOD123F	3.7x1.8x1	AG	AG	DC Power							
BV-D16.5ZCF	BV-D16.5ZF	6.5	500	7.22	7.98	10	11.2	17.9	10/1000	200	SOD123F	3.7x1.8x1	AK	AK	DC Power							
BV-D107ZCF	BV-D107ZF	7	200	7.78	8.6	10	12	16.7	10/1000	200	SOD123F	3.7x1.8x1	AM	AM	DC Power							
BV-D17.5ZCF	BV-D17.5ZF	7.5	100	8.33	9.21	1	12.9	15.5	10/1000	200	SOD123F	3.7x1.8x1	AP	AP	DC Power							
BV-D108ZCF	BV-D108ZF	8	50	8.89	9.83	1	13.6	14.7	10/1000	200	SOD123F	3.7x1.8x1	AR	AR	DC Power							
BV-D18.5ZCF	BV-D18.5ZF	8.5	20	9.44	10.4	1	14.4	13.9	10/1000	200	SOD123F	3.7x1.8x1	AT	AT	DC Power							
BV-D109ZCF	BV-D109ZF	9	10	10	11.1	1	15.4	13	10/1000	200	SOD123F	3.7x1.8x1	AV	AV	DC Power							
BV-D110ZCF	BV-D110ZF	10	5	11.1	12.3	1	17	11.8	10/1000	200	SOD123F	3.7x1.8x1	AX	AX	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
BV-D111ZCF	BV-D111ZF	11	3	12.2	13.5	1	18.2	11	10/1000	200	SOD123F	3.7x1.8x1	AZ	AZ	DC Power							
BV-D112ZCF	BV-D112ZF	12	1	13.3	14.7	1	19.9	10.1	10/1000	200	SOD123F	3.7x1.8x1	BE	BE	DC Power							
BV-D113ZCF	BV-D113ZF	13	1	14.4	15.9	1	21.5	9.3	10/1000	200	SOD123F	3.7x1.8x1	BG	BG	DC Power							
BV-D114ZCF	BV-D114ZF	14	1	15.6	17.2	1	23.2	8.6	10/1000	200	SOD123F	3.7x1.8x1	BK	BK	DC Power							
BV-D115ZCF	BV-D115ZF	15	1	16.7	18.5	1	24.4	8.2	10/1000	200	SOD123F	3.7x1.8x1	BM	BM	DC Power							
BV-D116ZCF	BV-D116ZF	16	1	17.8	19.7	1	26	7.7	10/1000	200	SOD123F	3.7x1.8x1	BP	BP	DC Power							
BV-D117ZCF	BV-D117ZF	17	1	18.9	20.9	1	27.6	7.3	10/1000	200	SOD123F	3.7x1.8x1	BR	BR	DC Power							
BV-D118ZCF	BV-D118ZF	18	1	20	22.1	1	29.2	6.9	10/1000	200	SOD123F	3.7x1.8x1	BT	BT	DC Power							
BV-D120ZCF	BV-D120ZF	20	1	22.2	24.5	1	32.4	6.2	10/1000	200	SOD123F	3.7x1.8x1	BV	BV	DC Power							
BV-D122ZCF	BV-D122ZF	22	1	24.4	26.9	1	35.5	5.7	10/1000	200	SOD123F	3.7x1.8x1	BX	BX	DC Power							
BV-D124ZCF	BV-D124ZF	24	1	26.7	29.5	1	38.9	5.2	10/1000	200	SOD123F	3.7x1.8x1	BZ	BZ	DC Power							
BV-D126ZCF	BV-D126ZF	26	1	28.9	31.9	1	42.1	4.8	10/1000	200	SOD123F	3.7x1.8x1	CE	CE	DC Power							
BV-D128ZCF	BV-D128ZF	28	1	31.1	34.4	1	45.4	4.4	10/1000	200	SOD123F	3.7x1.8x1	CG	CG	DC Power							
BV-D130ZCF	BV-D130ZF	30	1	33.3	36.8	1	48.4	4.2	10/1000	200	SOD123F	3.7x1.8x1	CK	CK	DC Power							
BV-D133ZCF	BV-D133ZF	33	1	36.7	40.6	1	53.3	3.8	10/1000	200	SOD123F	3.7x1.8x1	CM	CM	DC Power							
BV-D136ZCF	BV-D136ZF	36	1	40	44.2	1	58.1	3.5	10/1000	200	SOD123F	3.7x1.8x1	CP	CP	DC Power							
BV-D140ZCF	BV-D140ZF	40	1	44.4	49.1	1	64.5	3.1	10/1000	200	SOD123F	3.7x1.8x1	CR	CR	DC Power							
BV-D143ZCF	BV-D143ZF	43	1	47.8	52.8	1	69.4	2.9	10/1000	200	SOD123F	3.7x1.8x1	CT	CT	DC Power							
BV-D145ZCF	BV-D145ZF	45	1	50	55.3	1	72.7	2.8	10/1000	200	SOD123F	3.7x1.8x1	CV	CV	DC Power							
BV-D148ZCF	BV-D148ZF	48	1	53.3	58.9	1	77.4	2.6	10/1000	200	SOD123F	3.7x1.8x1	CX	CX	DC Power							
BV-D151ZCF	BV-D151ZF	51	1	56.7	62.7	1	82.4	2.5	10/1000	200	SOD123F	3.7x1.8x1	CZ	CZ	DC Power							
BV-D154ZCF	BV-D154ZF	54	1	60	66.3	1	87.1	2.3	10/1000	200	SOD123F	3.7x1.8x1	DE	DE	DC Power							
BV-D158ZCF	BV-D158ZF	58	1	64.4	71.2	1	93.6	2.3	10/1000	200	SOD123F	3.7x1.8x1	DG	DG	DC Power							
BV-D160ZCF	BV-D160ZF	60	1	66.7	73.7	1	96.8	2.1	10/1000	200	SOD123F	3.7x1.8x1	DK	DK	DC Power							
BV-D164ZCF	BV-D164ZF	64	1	71.1	78.6	1	103	2	10/1000	200	SOD123F	3.7x1.8x1	DM	DM	DC Power							
BV-D170ZCF	BV-D170ZF	70	1	77.8	86	1	113	1.8	10/1000	200	SOD123F	3.7x1.8x1	DP	DP	DC Power							
BV-D175ZCF	BV-D175ZF	75	1	83.3	92.1	1	121	1.7	10/1000	200	SOD123F	3.7x1.8x1	DR	DR	DC Power							
BV-D178ZCF	BV-D178ZF	78	1	86.7	95.8	1	126	1.6	10/1000	200	SOD123F	3.7x1.8x1	DT	DT	DC Power							
BV-D185ZCF	BV-D185ZF	85	1	94.4	104	1	137	1.5	10/1000	200	SOD123F	3.7x1.8x1	DV	DV	DC Power							
BV-D190ZCF	BV-D190ZF	90	1	100	111	1	146	1.4	10/1000	200	SOD123F	3.7x1.8x1	DX	DX	DC Power							
BV-D1100ZCF	BV-D1100ZF	100	1	111	123	1	162	1.3	10/1000	200	SOD123F	3.7x1.8x1	DZ	DZ	DC Power							
BV-D1110ZCF	BV-D1110ZF	110	1	122	135	1	177	1.2	10/1000	200	SOD123F	3.7x1.8x1	EE	EE	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-D1120ZCF	BV-D1120ZF	120	1	133	147	1	193	1.1	10/1000	200	SOD123F	3.7x1.8x1	EG	EG	DC Power							
BV-D1130ZCF	BV-D1130ZF	130	1	144	159	1	209	1	10/1000	200	SOD123F	3.7x1.8x1	EK	EK	DC Power							
BV-D1150ZCF	BV-D1150ZF	150	1	167	185	1	243	0.8	10/1000	200	SOD123F	3.7x1.8x1	EM	EM	DC Power							
BV-D1160ZCF	BV-D1160ZF	160	1	178	197	1	259	0.8	10/1000	200	SOD123F	3.7x1.8x1	EP	EP	DC Power							
BV-D1170ZCF	BV-D1170ZF	170	1	189	209	1	275	0.8	10/1000	200	SOD123F	3.7x1.8x1	ER	ER	DC Power							
BV-D1220ZCF	BV-D1220ZF	220	1	230	244	1	290	1	10/1000	200	SOD123F	3.7x1.8x1	FE	FE	DC Power							
BV-SMAJ5CAQ	BV-SMAJ5AQ	5	800	6.4	7	10	9.2	43.5	10/1000	400	SMA	5.3x2.9x2.5	A5C	A5	DC Power							
BV-SMAJ6CAQ	BV-SMAJ6AQ	6	800	6.67	7.37	10	10.3	38.8	10/1000	400	SMA	5.3x2.9x2.5	A6C	A6	DC Power							
BV-SMAJ6.5CAQ	BV-SMAJ6.5AQ	6.5	500	7.22	7.98	10	11.2	35.7	10/1000	400	SMA	5.3x2.9x2.5	A6.5C	A6.5	DC Power							
BV-SMAJ7CAQ	BV-SMAJ7AQ	7	200	7.78	8.6	10	12	33.3	10/1000	400	SMA	5.3x2.9x2.5	A7C	A7	DC Power							
BV-SMAJ7.5CAQ	BV-SMAJ7.5AQ	7.5	100	8.33	9.21	1	12.9	31	10/1000	400	SMA	5.3x2.9x2.5	A7.5C	A7.5	DC Power							
BV-SMAJ8CAQ	BV-SMAJ8AQ	8	50	8.89	9.83	1	13.6	29.4	10/1000	400	SMA	5.3x2.9x2.5	A8C	A8	DC Power							
BV-SMAJ8.5CAQ	BV-SMAJ8.5AQ	8.5	20	9.44	10.4	1	14.4	27.8	10/1000	400	SMA	5.3x2.9x2.5	A8.5C	A8.5	DC Power							
BV-SMAJ9CAQ	BV-SMAJ9AQ	9	10	10	11.1	1	15.4	26	10/1000	400	SMA	5.3x2.9x2.5	A9C	A9	DC Power							
BV-SMAJ10CAQ	BV-SMAJ10AQ	10	5	11.1	12.3	1	17	23.5	10/1000	400	SMA	5.3x2.9x2.5	A10C	A10	DC Power							
BV-SMAJ11CAQ	BV-SMAJ11AQ	11	1	12.2	13.5	1	18.2	22	10/1000	400	SMA	5.3x2.9x2.5	A11C	A11	DC Power							
BV-SMAJ12CAQ	BV-SMAJ12AQ	12	1	13.3	14.7	1	19.9	20.1	10/1000	400	SMA	5.3x2.9x2.5	A12C	A12	DC Power							
BV-SMAJ13CAQ	BV-SMAJ13AQ	13	1	14.4	15.9	1	21.5	18.6	10/1000	400	SMA	5.3x2.9x2.5	A13C	A13	DC Power							
BV-SMAJ14CAQ	BV-SMAJ14AQ	14	1	15.6	17.2	1	23.2	17.2	10/1000	400	SMA	5.3x2.9x2.5	A14C	A14	DC Power							
BV-SMAJ15CAQ	BV-SMAJ15AQ	15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SMA	5.3x2.9x2.5	A15C	A15	DC Power							
BV-SMAJ16CAQ	BV-SMAJ16AQ	16	1	17.8	19.7	1	26	15.4	10/1000	400	SMA	5.3x2.9x2.5	A16C	A16	DC Power							
BV-SMAJ17CAQ	BV-SMAJ17AQ	17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SMA	5.3x2.9x2.5	A17C	A17	DC Power							
BV-SMAJ18CAQ	BV-SMAJ18AQ	18	1	20	22.1	1	29.2	13.7	10/1000	400	SMA	5.3x2.9x2.5	A18C	A18	DC Power							
BV-SMAJ20CAQ	BV-SMAJ20AQ	20	1	22.2	24.5	1	32.4	12.3	10/1000	400	SMA	5.3x2.9x2.5	A20C	A20	DC Power							
BV-SMAJ22CAQ	BV-SMAJ22AQ	22	1	24.4	26.9	1	35.5	11.3	10/1000	400	SMA	5.3x2.9x2.5	A22C	A22	DC Power							
BV-SMAJ24CAQ	BV-SMAJ24AQ	24	1	26.7	29.5	1	38.9	10.3	10/1000	400	SMA	5.3x2.9x2.5	A24C	A24	DC Power							
BV-SMAJ26CAQ	BV-SMAJ26AQ	26	1	28.9	31.9	1	42.1	9.5	10/1000	400	SMA	5.3x2.9x2.5	A26C	A26	DC Power							
BV-SMAJ28CAQ	BV-SMAJ28AQ	28	1	31.1	34.4	1	45.4	8.8	10/1000	400	SMA	5.3x2.9x2.5	A28C	A28	DC Power							
BV-SMAJ30CAQ	BV-SMAJ30AQ	30	1	33.3	36.8	1	48.4	8.3	10/1000	400	SMA	5.3x2.9x2.5	A30C	A30	DC Power							
BV-SMAJ33CAQ	BV-SMAJ33AQ	33	1	36.7	40.6	1	53.3	7.5	10/1000	400	SMA	5.3x2.9x2.5	A33C	A33	DC Power							
BV-SMAJ36CAQ	BV-SMAJ36AQ	36	1	40	44.2	1	58.1	6.9	10/1000	400	SMA	5.3x2.9x2.5	A36C	A36	DC Power							
BV-SMAJ40CAQ	BV-SMAJ40AQ	40	1	44.4	49.1	1	64.5	6.2	10/1000	400	SMA	5.3x2.9x2.5	A40C	A40	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform	峰值功率	封装	尺寸	印字 Mark		应用	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V) Max	@ I _{PP} (A)		P _{PP} (W)	Package	LxWxH(mm)	双向 BI	单向 UNI	Application	双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
BV-SMAJ43CAQ	BV-SMAJ43AQ	43	1	47.8	52.8	1	69.4	5.8	10/1000	400	SMA	5.3x2.9x2.5	A43C	A43	DC Power							
BV-SMAJ45CAQ	BV-SMAJ45AQ	45	1	50	55.3	1	72.7	5.5	10/1000	400	SMA	5.3x2.9x2.5	A45C	A45	DC Power							
BV-SMAJ48CAQ	BV-SMAJ48AQ	48	1	53.3	58.9	1	77.4	5.2	10/1000	400	SMA	5.3x2.9x2.5	A48C	A48	DC Power							
BV-SMAJ51CAQ	BV-SMAJ51AQ	51	1	56.7	62.7	1	82.4	4.9	10/1000	400	SMA	5.3x2.9x2.5	A51C	A51	DC Power							
BV-SMAJ54CAQ	BV-SMAJ54AQ	54	1	60	66.3	1	87.1	4.6	10/1000	400	SMA	5.3x2.9x2.5	A54C	A54	DC Power							
BV-SMAJ58CAQ	BV-SMAJ58AQ	58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SMA	5.3x2.9x2.5	A58C	A58	DC Power							
BV-SMAJ60CAQ	BV-SMAJ60AQ	60	1	66.7	73.7	1	96.8	4.1	10/1000	400	SMA	5.3x2.9x2.5	A60C	A60	DC Power							
BV-SMAJ64CAQ	BV-SMAJ64AQ	64	1	71.1	78.6	1	103	3.9	10/1000	400	SMA	5.3x2.9x2.5	A64C	A64	DC Power							
BV-SMAJ70CAQ	BV-SMAJ70AQ	70	1	77.8	86	1	113	3.5	10/1000	400	SMA	5.3x2.9x2.5	A70C	A70	DC Power							
BV-SMAJ75CAQ	BV-SMAJ75AQ	75	1	83.3	92.1	1	121	3.3	10/1000	400	SMA	5.3x2.9x2.5	A75C	A75	DC Power							
BV-SMAJ78CAQ	BV-SMAJ78AQ	78	1	86.7	95.8	1	126	3.2	10/1000	400	SMA	5.3x2.9x2.5	A78C	A78	DC Power							
BV-SMAJ85CAQ	BV-SMAJ85AQ	85	1	94.4	104	1	137	2.9	10/1000	400	SMA	5.3x2.9x2.5	A85C	A85	DC Power							
BV-SMAJ90CAQ	BV-SMAJ90AQ	90	1	100	111	1	146	2.7	10/1000	400	SMA	5.3x2.9x2.5	A90C	A90	DC Power							
BV-SMAJ100CAQ	BV-SMAJ100AQ	100	1	111	123	1	162	2.5	10/1000	400	SMA	5.3x2.9x2.5	A100C	A100	DC Power							
BV-SMAJ110CAQ	BV-SMAJ110AQ	110	1	122	135	1	177	2.3	10/1000	400	SMA	5.3x2.9x2.5	A110C	A110	DC Power							
BV-SMAJ120CAQ	BV-SMAJ120AQ	120	1	133	147	1	193	2.1	10/1000	400	SMA	5.3x2.9x2.5	A120C	A120	DC Power							
BV-SMAJ130CAQ	BV-SMAJ130AQ	130	1	144	159	1	209	1.9	10/1000	400	SMA	5.3x2.9x2.5	A130C	A130	DC Power							
BV-SMAJ150CAQ	BV-SMAJ150AQ	150	1	167	185	1	243	1.6	10/1000	400	SMA	5.3x2.9x2.5	A150C	A150	DC Power							
BV-SMAJ160CAQ	BV-SMAJ160AQ	160	1	178	197	1	259	1.5	10/1000	400	SMA	5.3x2.9x2.5	A160C	A160	DC Power							
BV-SMAJ170CAQ	BV-SMAJ170AQ	170	1	189	209	1	275	1.5	10/1000	400	SMA	5.3x2.9x2.5	A170C	A170	DC Power							
BV-SMAJ180CAQ	BV-SMAJ180AQ	180	1	201	222	1	292	1.4	10/1000	400	SMA	5.3x2.9x2.5	A180C	A180	DC Power							
BV-SMAJ200CAQ	BV-SMAJ200AQ	200	1	224	247	1	324	1.2	10/1000	400	SMA	5.3x2.9x2.5	A200C	A200	DC Power							
BV-SMAJ220CAQ	BV-SMAJ220AQ	220	1	246	272	1	356	1.1	10/1000	400	SMA	5.3x2.9x2.5	A220C	A220	DC Power							
BV-SMAJ250CAQ	BV-SMAJ250AQ	250	1	279	309	1	405	1	10/1000	400	SMA	5.3x2.9x2.5	A250C	A250	DC Power							
BV-SMAJ300CAQ	BV-SMAJ300AQ	300	1	335	371	1	486	0.8	10/1000	400	SMA	5.3x2.9x2.5	A300C	A300	DC Power							
BV-SMAJ350CAQ	BV-SMAJ350AQ	350	1	391	432	1	567	0.7	10/1000	400	SMA	5.3x2.9x2.5	A350C	A350	DC Power							
BV-SMAJ400CAQ	BV-SMAJ400AQ	400	1	447	494	1	648	0.6	10/1000	400	SMA	5.3x2.9x2.5	A400C	A400	DC Power							
BV-SMAJ440CAQ	BV-SMAJ440AQ	440	1	492	543	1	713	0.6	10/1000	400	SMA	5.3x2.9x2.5	A440C	A440	DC Power							
BV-SMBJ5CAQ	BV-SMBJ5AQ	5	800	6.4	7	10	9.2	65.3	10/1000	600	SMB	5.5x3.8x2.6	B5C	B5	DC Power							
BV-SMBJ6CAQ	BV-SMBJ6AQ	6	800	6.67	7.37	10	10.3	58.3	10/1000	600	SMB	5.5x3.8x2.6	B6C	B6	DC Power							
BV-SMBJ6.5CAQ	BV-SMBJ6.5AQ	6.5	500	7.22	7.98	10	11.2	53.6	10/1000	600	SMB	5.5x3.8x2.6	B6.5C	B6.5	DC Power							
BV-SMBJ7CAQ	BV-SMBJ7AQ	7	200	7.78	8.6	10	12	50	10/1000	600	SMB	5.5x3.8x2.6	B7C	B7	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMBJ7.5CAQ	BV-SMBJ7.5AQ	7.5	100	8.33	9.21	1	12.9	46.6	10/1000	600	SMB	5.5x3.8x2.6	B7.5C	B7.5	DC Power							
BV-SMBJ8CAQ	BV-SMBJ8AQ	8	50	8.89	9.83	1	13.6	44.2	10/1000	600	SMB	5.5x3.8x2.6	B8C	B8	DC Power							
BV-SMBJ8.5CAQ	BV-SMBJ8.5AQ	8.5	20	9.44	10.4	1	14.4	41.7	10/1000	600	SMB	5.5x3.8x2.6	B8.5C	B8.5	DC Power							
BV-SMBJ9CAQ	BV-SMBJ9AQ	9	10	10	11.1	1	15.4	39	10/1000	600	SMB	5.5x3.8x2.6	B9C	B9	DC Power							
BV-SMBJ10CAQ	BV-SMBJ10AQ	10	5	11.1	12.3	1	17	35.3	10/1000	600	SMB	5.5x3.8x2.6	B10C	B10	DC Power							
BV-SMBJ11CAQ	BV-SMBJ11AQ	11	1	12.2	13.5	1	18.2	33	10/1000	600	SMB	5.5x3.8x2.6	B11C	B11	DC Power							
BV-SMBJ12CAQ	BV-SMBJ12AQ	12	1	13.3	14.7	1	19.9	30.2	10/1000	600	SMB	5.5x3.8x2.6	B12C	B12	DC Power							
BV-SMBJ13CAQ	BV-SMBJ13AQ	13	1	14.4	15.9	1	21.5	28	10/1000	600	SMB	5.5x3.8x2.6	B13C	B13	DC Power							
BV-SMBJ14CAQ	BV-SMBJ14AQ	14	1	15.6	17.2	1	23.2	25.9	10/1000	600	SMB	5.5x3.8x2.6	B14C	B14	DC Power							
BV-SMBJ15CAQ	BV-SMBJ15AQ	15	1	16.7	18.5	1	24.4	24.6	10/1000	600	SMB	5.5x3.8x2.6	B15C	B15	DC Power							
BV-SMBJ16CAQ	BV-SMBJ16AQ	16	1	17.8	19.7	1	26	23.1	10/1000	600	SMB	5.5x3.8x2.6	B16C	B16	DC Power							
BV-SMBJ17CAQ	BV-SMBJ17AQ	17	1	18.9	20.9	1	27.6	21.8	10/1000	600	SMB	5.5x3.8x2.6	B17C	B17	DC Power							
BV-SMBJ18CAQ	BV-SMBJ18AQ	18	1	20	22.1	1	29.2	20.6	10/1000	600	SMB	5.5x3.8x2.6	B18C	B18	DC Power							
BV-SMBJ20CAQ	BV-SMBJ20AQ	20	1	22.2	24.5	1	32.4	18.6	10/1000	600	SMB	5.5x3.8x2.6	B20C	B20	DC Power							
BV-SMBJ22CAQ	BV-SMBJ22AQ	22	1	24.4	26.9	1	35.5	16.9	10/1000	600	SMB	5.5x3.8x2.6	B22C	B22	DC Power							
BV-SMBJ24CAQ	BV-SMBJ24AQ	24	1	26.7	29.5	1	38.9	15.5	10/1000	600	SMB	5.5x3.8x2.6	B24C	B24	DC Power							
BV-SMBJ26CAQ	BV-SMBJ26AQ	26	1	28.9	31.9	1	42.1	14.3	10/1000	600	SMB	5.5x3.8x2.6	B26C	B26	DC Power							
BV-SMBJ28CAQ	BV-SMBJ28AQ	28	1	31.1	34.4	1	45.4	13.3	10/1000	600	SMB	5.5x3.8x2.6	B28C	B28	DC Power							
BV-SMBJ30CAQ	BV-SMBJ30AQ	30	1	33.3	36.8	1	48.4	12.4	10/1000	600	SMB	5.5x3.8x2.6	B30C	B30	DC Power							
BV-SMBJ33CAQ	BV-SMBJ33AQ	33	1	36.7	40.6	1	53.3	11.3	10/1000	600	SMB	5.5x3.8x2.6	B33C	B33	DC Power							
BV-SMBJ36CAQ	BV-SMBJ36AQ	36	1	40	44.2	1	58.1	10.4	10/1000	600	SMB	5.5x3.8x2.6	B36C	B36	DC Power							
BV-SMBJ40CAQ	BV-SMBJ40AQ	40	1	44.4	49.1	1	64.5	9.3	10/1000	600	SMB	5.5x3.8x2.6	B40C	B40	DC Power							
BV-SMBJ43CAQ	BV-SMBJ43AQ	43	1	47.8	52.8	1	69.4	8.7	10/1000	600	SMB	5.5x3.8x2.6	B43C	B43	DC Power							
BV-SMBJ45CAQ	BV-SMBJ45AQ	45	1	50	55.3	1	72.7	8.3	10/1000	600	SMB	5.5x3.8x2.6	B45C	B45	DC Power							
BV-SMBJ48CAQ	BV-SMBJ48AQ	48	1	53.3	58.9	1	77.4	7.8	10/1000	600	SMB	5.5x3.8x2.6	B48C	B48	DC Power							
BV-SMBJ51CAQ	BV-SMBJ51AQ	51	1	56.7	62.7	1	82.4	7.3	10/1000	600	SMB	5.5x3.8x2.6	B51C	B51	DC Power							
BV-SMBJ54CAQ	BV-SMBJ54AQ	54	1	60	66.3	1	87.1	6.9	10/1000	600	SMB	5.5x3.8x2.6	B54C	B54	DC Power							
BV-SMBJ58CAQ	BV-SMBJ58AQ	58	1	64.4	71.2	1	93.6	6.5	10/1000	600	SMB	5.5x3.8x2.6	B58C	B58	DC Power							
BV-SMBJ60CAQ	BV-SMBJ60AQ	60	1	66.7	73.7	1	96.8	6.2	10/1000	600	SMB	5.5x3.8x2.6	B60C	B60	DC Power							
BV-SMBJ64CAQ	BV-SMBJ64AQ	64	1	71.1	78.6	1	103	5.9	10/1000	600	SMB	5.5x3.8x2.6	B64C	B64	DC Power							
BV-SMBJ70CAQ	BV-SMBJ70AQ	70	1	77.8	86	1	113	5.3	10/1000	600	SMB	5.5x3.8x2.6	B70C	B70	DC Power							
BV-SMBJ75CAQ	BV-SMBJ75AQ	75	1	83.3	92.1	1	121	5	10/1000	600	SMB	5.5x3.8x2.6	B75C	B75	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
				Min	Max																	
BV-SMBJ78CAQ	BV-SMBJ78AQ	78	1	86.7	95.8	1	126	4.8	10/1000	600	SMB	5.5x3.8x2.6	B78C	B78	DC Power							
BV-SMBJ85CAQ	BV-SMBJ85AQ	85	1	94.4	104	1	137	4.4	10/1000	600	SMB	5.5x3.8x2.6	B85C	B85	DC Power							
BV-SMBJ90CAQ	BV-SMBJ90AQ	90	1	100	111	1	146	4.1	10/1000	600	SMB	5.5x3.8x2.6	B90C	B90	DC Power							
BV-SMBJ100CAQ	BV-SMBJ100AQ	100	1	111	123	1	162	3.7	10/1000	600	SMB	5.5x3.8x2.6	B100C	B100	DC Power							
BV-SMBJ110CAQ	BV-SMBJ110AQ	110	1	122	135	1	177	3.4	10/1000	600	SMB	5.5x3.8x2.6	B110C	B110	DC Power							
BV-SMBJ120CAQ	BV-SMBJ120AQ	120	1	133	147	1	193	3.1	10/1000	600	SMB	5.5x3.8x2.6	B120C	B120	DC Power							
BV-SMBJ130CAQ	BV-SMBJ130AQ	130	1	144	159	1	209	2.9	10/1000	600	SMB	5.5x3.8x2.6	B130C	B130	DC Power							
BV-SMBJ150CAQ	BV-SMBJ150AQ	150	1	167	185	1	243	2.5	10/1000	600	SMB	5.5x3.8x2.6	B150C	B150	DC Power							
BV-SMBJ160CAQ	BV-SMBJ160AQ	160	1	178	197	1	259	2.3	10/1000	600	SMB	5.5x3.8x2.6	B160C	B160	DC Power							
BV-SMBJ170CAQ	BV-SMBJ170AQ	170	1	189	209	1	275	2.2	10/1000	600	SMB	5.5x3.8x2.6	B170C	B170	DC Power							
BV-SMBJ180CAQ	BV-SMBJ180AQ	180	1	201	222	1	292	2.1	10/1000	600	SMB	5.5x3.8x2.6	B180C	B180	DC Power							
BV-SMBJ188CAQ	BV-SMBJ188AQ	188	1	209	231	1	304	2	10/1000	600	SMB	5.5x3.8x2.6	B188C	B188	DC Power							
BV-SMBJ200CAQ	BV-SMBJ200AQ	200	1	224	247	1	324	1.9	10/1000	600	SMB	5.5x3.8x2.6	B200C	B200	DC Power							
BV-SMBJ220CAQ	BV-SMBJ220AQ	220	1	246	272	1	356	1.7	10/1000	600	SMB	5.5x3.8x2.6	B220C	B220	DC Power							
BV-SMBJ250CAQ	BV-SMBJ250AQ	250	1	279	309	1	405	1.5	10/1000	600	SMB	5.5x3.8x2.6	B250C	B250	DC Power							
BV-SMBJ300CAQ	BV-SMBJ300AQ	300	1	335	371	1	486	1.3	10/1000	600	SMB	5.5x3.8x2.6	B300C	B300	DC Power							
BV-SMBJ350CAQ	BV-SMBJ350AQ	350	1	391	432	1	567	1.1	10/1000	600	SMB	5.5x3.8x2.6	B350C	B350	DC Power							
BV-SMBJ400CAQ	BV-SMBJ400AQ	400	1	447	494	1	648	0.9	10/1000	600	SMB	5.5x3.8x2.6	B400C	B400	DC Power							
BV-SMBJ440CAQ	BV-SMBJ440AQ	440	1	492	543	1	713	0.9	10/1000	600	SMB	5.5x3.8x2.6	B440C	B440	DC Power							
BV-SMBJ480CAQ	BV-SMBJ480AQ	480	1	536	593	1	750	0.8	10/1000	600	SMB	5.5x3.8x2.6	B480C	B480	DC Power							
BV-SMCJ5CAQ	BV-SMCJ5AQ	5	800	6.4	7	10	9.2	163.0	10/1000	1500	SMC	8.3x6.2x3	C5C	C5	DC Power							
BV-SMCJ6CAQ	BV-SMCJ6AQ	6	800	6.67	7.37	10	10.3	145.7	10/1000	1500	SMC	8.3x6.2x3	C6C	C6	DC Power							
BV-SMCJ6.5CAQ	BV-SMCJ6.5AQ	6.5	500	7.22	7.98	10	11.2	134.0	10/1000	1500	SMC	8.3x6.2x3	C6.5C	C6.5	DC Power							
BV-SMCJ7CAQ	BV-SMCJ7AQ	7	200	7.78	8.6	10	12	125.0	10/1000	1500	SMC	8.3x6.2x3	C7C	C7	DC Power							
BV-SMCJ7.5CAQ	BV-SMCJ7.5AQ	7.5	100	8.33	9.21	1	12.9	116.3	10/1000	1500	SMC	8.3x6.2x3	C7.5C	C7.5	DC Power							
BV-SMCJ8CAQ	BV-SMCJ8AQ	8	50	8.89	9.83	1	13.6	110.3	10/1000	1500	SMC	8.3x6.2x3	C8C	C8	DC Power							
BV-SMCJ8.5CAQ	BV-SMCJ8.5AQ	8.5	20	9.44	10.4	1	14.4	104.2	10/1000	1500	SMC	8.3x6.2x3	C8.5C	C8.5	DC Power							
BV-SMCJ9CAQ	BV-SMCJ9AQ	9	10	10	11.1	1	15.4	97.4	10/1000	1500	SMC	8.3x6.2x3	C9C	C9	DC Power							
BV-SMCJ10CAQ	BV-SMCJ10AQ	10	5	11.1	12.3	1	17	88.3	10/1000	1500	SMC	8.3x6.2x3	C10C	C10	DC Power							
BV-SMCJ11CAQ	BV-SMCJ11AQ	11	1	12.2	13.5	1	18.2	82.5	10/1000	1500	SMC	8.3x6.2x3	C11C	C11	DC Power							
BV-SMCJ12CAQ	BV-SMCJ12AQ	12	1	13.3	14.7	1	19.9	75.4	10/1000	1500	SMC	8.3x6.2x3	C12C	C12	DC Power							
BV-SMCJ13CAQ	BV-SMCJ13AQ	13	1	14.4	15.9	1	21.5	69.8	10/1000	1500	SMC	8.3x6.2x3	C13C	C13	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform	峰值功率	封装	尺寸	印字 Mark		应用	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V) Max	@ I _{PP} (A)		P _{PP} (W)	Package	LxWxH(mm)	双向 BI	单向 UNI	Application	双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
BV-SMCJ14CAQ	BV-SMCJ14AQ	14	1	15.6	17.2	1	23.2	64.7	10/1000	1500	SMC	8.3x6.2x3	C14C	C14	DC Power							
BV-SMCJ15CAQ	BV-SMCJ15AQ	15	1	16.7	18.5	1	24.4	61.5	10/1000	1500	SMC	8.3x6.2x3	C15C	C15	DC Power							
BV-SMCJ16CAQ	BV-SMCJ16AQ	16	1	17.8	19.7	1	26	57.7	10/1000	1500	SMC	8.3x6.2x3	C16C	C16	DC Power							
BV-SMCJ17CAQ	BV-SMCJ17AQ	17	1	18.9	20.9	1	27.6	54.4	10/1000	1500	SMC	8.3x6.2x3	C17C	C17	DC Power							
BV-SMCJ18CAQ	BV-SMCJ18AQ	18	1	20	22.1	1	29.2	51.4	10/1000	1500	SMC	8.3x6.2x3	C18C	C18	DC Power							
BV-SMCJ20CAQ	BV-SMCJ20AQ	20	1	22.2	24.5	1	32.4	46.3	10/1000	1500	SMC	8.3x6.2x3	C20C	C20	DC Power							
BV-SMCJ22CAQ	BV-SMCJ22AQ	22	1	24.4	26.9	1	35.5	42.3	10/1000	1500	SMC	8.3x6.2x3	C22C	C22	DC Power							
BV-SMCJ24CAQ	BV-SMCJ24AQ	24	1	26.7	29.5	1	38.9	38.6	10/1000	1500	SMC	8.3x6.2x3	C24C	C24	DC Power							
BV-SMCJ26CAQ	BV-SMCJ26AQ	26	1	28.9	31.9	1	42.1	35.7	10/1000	1500	SMC	8.3x6.2x3	C26C	C26	DC Power							
BV-SMCJ28CAQ	BV-SMCJ28AQ	28	1	31.1	34.4	1	45.4	33.1	10/1000	1500	SMC	8.3x6.2x3	C28C	C28	DC Power							
BV-SMCJ30CAQ	BV-SMCJ30AQ	30	1	33.3	36.8	1	48.4	31.0	10/1000	1500	SMC	8.3x6.2x3	C30C	C30	DC Power							
BV-SMCJ33CAQ	BV-SMCJ33AQ	33	1	36.7	40.6	1	53.3	28.2	10/1000	1500	SMC	8.3x6.2x3	C33C	C33	DC Power							
BV-SMCJ36CAQ	BV-SMCJ36AQ	36	1	40	44.2	1	58.1	25.9	10/1000	1500	SMC	8.3x6.2x3	C36C	C36	DC Power							
BV-SMCJ40CAQ	BV-SMCJ40AQ	40	1	44.4	49.1	1	64.5	23.3	10/1000	1500	SMC	8.3x6.2x3	C40C	C40	DC Power							
BV-SMCJ43CAQ	BV-SMCJ43AQ	43	1	47.8	52.8	1	69.4	21.7	10/1000	1500	SMC	8.3x6.2x3	C43C	C43	DC Power							
BV-SMCJ45CAQ	BV-SMCJ45AQ	45	1	50	55.3	1	72.7	20.6	10/1000	1500	SMC	8.3x6.2x3	C45C	C45	DC Power							
BV-SMCJ48CAQ	BV-SMCJ48AQ	48	1	53.3	58.9	1	77.4	19.4	10/1000	1500	SMC	8.3x6.2x3	C48C	C48	DC Power							
BV-SMCJ51CAQ	BV-SMCJ51AQ	51	1	56.7	62.7	1	82.4	18.2	10/1000	1500	SMC	8.3x6.2x3	C51C	C51	DC Power							
BV-SMCJ54CAQ	BV-SMCJ54AQ	54	1	60	66.3	1	87.1	17.3	10/1000	1500	SMC	8.3x6.2x3	C54C	C54	DC Power							
BV-SMCJ58CAQ	BV-SMCJ58AQ	58	1	64.4	71.2	1	93.6	16.1	10/1000	1500	SMC	8.3x6.2x3	C58C	C58	DC Power							
BV-SMCJ60CAQ	BV-SMCJ60AQ	60	1	66.7	73.7	1	96.8	15.5	10/1000	1500	SMC	8.3x6.2x3	C60C	C60	DC Power							
BV-SMCJ64CAQ	BV-SMCJ64AQ	64	1	71.1	78.6	1	103	14.6	10/1000	1500	SMC	8.3x6.2x3	C64C	C64	DC Power							
BV-SMCJ70CAQ	BV-SMCJ70AQ	70	1	77.8	86	1	113	13.3	10/1000	1500	SMC	8.3x6.2x3	C70C	C70	DC Power							
BV-SMCJ75CAQ	BV-SMCJ75AQ	75	1	83.3	92.1	1	121	12.4	10/1000	1500	SMC	8.3x6.2x3	C75C	C75	DC Power							
BV-SMCJ78CAQ	BV-SMCJ78AQ	78	1	86.7	95.8	1	126	11.9	10/1000	1500	SMC	8.3x6.2x3	C78C	C78	DC Power							
BV-SMCJ85CAQ	BV-SMCJ85AQ	85	1	94.4	104	1	137	11.0	10/1000	1500	SMC	8.3x6.2x3	C85C	C85	DC Power							
BV-SMCJ90CAQ	BV-SMCJ90AQ	90	1	100	111	1	146	10.3	10/1000	1500	SMC	8.3x6.2x3	C90C	C90	DC Power							
BV-SMCJ100CAQ	BV-SMCJ100AQ	100	1	111	123	1	162	9.3	10/1000	1500	SMC	8.3x6.2x3	C100C	C100	DC Power							
BV-SMCJ110CAQ	BV-SMCJ110AQ	110	1	122	135	1	177	8.5	10/1000	1500	SMC	8.3x6.2x3	C110C	C110	DC Power							
BV-SMCJ120CAQ	BV-SMCJ120AQ	120	1	133	147	1	193	7.8	10/1000	1500	SMC	8.3x6.2x3	C120C	C120C	DC Power							
BV-SMCJ130CAQ	BV-SMCJ130AQ	130	1	144	159	1	209	7.2	10/1000	1500	SMC	8.3x6.2x3	C130C	C130C	DC Power							
BV-SMCJ150CAQ	BV-SMCJ150AQ	150	1	167	185	1	243	6.2	10/1000	1500	SMC	8.3x6.2x3	C150C	C150C	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V)	@ I _{PP} (A)					双向 BI	单向 UNI		双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
		Min	Max	Max	Max	Max	Max	Max											Max			
BV-SMCJ160CAQ	BV-SMCJ160AQ	160	1	178	197	1	259	5.8	10/1000	1500	SMC	8.3x6.2x3	C160C	C160C	DC Power							
BV-SMCJ170CAQ	BV-SMCJ170AQ	170	1	189	209	1	275	5.5	10/1000	1500	SMC	8.3x6.2x3	C170C	C170C	DC Power							
BV-SMCJ180CAQ	BV-SMCJ180AQ	180	1	201	222	1	292	5.1	10/1000	1500	SMC	8.3x6.2x3	C180C	C180C	DC Power							
BV-SMCJ200CAQ	BV-SMCJ200AQ	200	1	224	247	1	324	4.6	10/1000	1500	SMC	8.3x6.2x3	C200C	C200C	DC Power							
BV-SMCJ220CAQ	BV-SMCJ220AQ	220	1	246	272	1	356	4.2	10/1000	1500	SMC	8.3x6.2x3	C220C	C220C	DC Power							
BV-SMCJ250CAQ	BV-SMCJ250AQ	250	1	279	309	1	405	3.7	10/1000	1500	SMC	8.3x6.2x3	C250C	C250C	DC Power							
BV-SMCJ300CAQ	BV-SMCJ300AQ	300	1	335	371	1	486	3.1	10/1000	1500	SMC	8.3x6.2x3	C300C	C300C	DC Power							
BV-SMCJ350CAQ	BV-SMCJ350AQ	350	1	391	432	1	567	2.6	10/1000	1500	SMC	8.3x6.2x3	C350C	C350C	DC Power							
BV-SMCJ400CAQ	BV-SMCJ400AQ	400	1	447	494	1	648	2.3	10/1000	1500	SMC	8.3x6.2x3	C400C	C400C	DC Power							
BV-SMCJ440CAQ	BV-SMCJ440AQ	440	1	492	543	1	713	2.1	10/1000	1500	SMC	8.3x6.2x3	C440C	C440C	DC Power							
BV-SMDJ5CAQ	BV-SMDJ5AQ	5	800	6.4	7	10	9.2	326.1	10/1000	3000	SMC	8.3x6.2x3	D5C	D5	DC Power							
BV-SMDJ6CAQ	BV-SMDJ6AQ	6	800	6.67	7.37	10	10.3	291.3	10/1000	3000	SMC	8.3x6.2x3	D6C	D6	DC Power							
BV-SMDJ6.5CAQ	BV-SMDJ6.5AQ	6.5	500	7.22	7.98	10	11.2	267.9	10/1000	3000	SMC	8.3x6.2x3	D6.5C	D6.5	DC Power							
BV-SMDJ7CAQ	BV-SMDJ7AQ	7	200	7.78	8.6	10	12	250.0	10/1000	3000	SMC	8.3x6.2x3	D7C	D7	DC Power							
BV-SMDJ7.5CAQ	BV-SMDJ7.5AQ	7.5	100	8.33	9.21	1	12.9	232.6	10/1000	3000	SMC	8.3x6.2x3	D7.5C	D7.5	DC Power							
BV-SMDJ8CAQ	BV-SMDJ8AQ	8	50	8.89	9.83	1	13.6	220.6	10/1000	3000	SMC	8.3x6.2x3	D8C	D8	DC Power							
BV-SMDJ8.5CAQ	BV-SMDJ8.5AQ	8.5	20	9.44	10.4	1	14.4	208.3	10/1000	3000	SMC	8.3x6.2x3	D8.5C	D8.5	DC Power							
BV-SMDJ9CAQ	BV-SMDJ9AQ	9	10	10	11.1	1	15.4	194.8	10/1000	3000	SMC	8.3x6.2x3	D9C	D9	DC Power							
BV-SMDJ10CAQ	BV-SMDJ10AQ	10	5	11.1	12.3	1	17	176.5	10/1000	3000	SMC	8.3x6.2x3	D10C	D10	DC Power							
BV-SMDJ11CAQ	BV-SMDJ11AQ	11	1	12.2	13.5	1	18.2	164.8	10/1000	3000	SMC	8.3x6.2x3	D11C	D11	DC Power							
BV-SMDJ12CAQ	BV-SMDJ12AQ	12	1	13.3	14.7	1	19.9	150.8	10/1000	3000	SMC	8.3x6.2x3	D12C	D12	DC Power							
BV-SMDJ13CAQ	BV-SMDJ13AQ	13	1	14.4	15.9	1	21.5	139.5	10/1000	3000	SMC	8.3x6.2x3	D13C	D13	DC Power							
BV-SMDJ14CAQ	BV-SMDJ14AQ	14	1	15.6	17.2	1	23.2	129.3	10/1000	3000	SMC	8.3x6.2x3	D14C	D14	DC Power							
BV-SMDJ15CAQ	BV-SMDJ15AQ	15	1	16.7	18.5	1	24.4	123.0	10/1000	3000	SMC	8.3x6.2x3	D15C	D15	DC Power							
BV-SMDJ16CAQ	BV-SMDJ16AQ	16	1	17.8	19.7	1	26	115.4	10/1000	3000	SMC	8.3x6.2x3	D16C	D16	DC Power							
BV-SMDJ17CAQ	BV-SMDJ17AQ	17	1	18.9	20.9	1	27.6	108.7	10/1000	3000	SMC	8.3x6.2x3	D17C	D17	DC Power							
BV-SMDJ18CAQ	BV-SMDJ18AQ	18	1	20	22.1	1	29.2	102.7	10/1000	3000	SMC	8.3x6.2x3	D18C	D18	DC Power							
BV-SMDJ20CAQ	BV-SMDJ20AQ	20	1	22.2	24.5	1	32.4	92.6	10/1000	3000	SMC	8.3x6.2x3	D20C	D20	DC Power							
BV-SMDJ22CAQ	BV-SMDJ22AQ	22	1	24.4	26.9	1	35.5	84.5	10/1000	3000	SMC	8.3x6.2x3	D22C	D22	DC Power							
BV-SMDJ24CAQ	BV-SMDJ24AQ	24	1	26.7	29.5	1	38.9	77.1	10/1000	3000	SMC	8.3x6.2x3	D24C	D24	DC Power							
BV-SMDJ26CAQ	BV-SMDJ26AQ	26	1	28.9	31.9	1	42.1	71.3	10/1000	3000	SMC	8.3x6.2x3	D26C	D26	DC Power							
BV-SMDJ28CAQ	BV-SMDJ28AQ	28	1	31.1	34.4	1	45.4	66.1	10/1000	3000	SMC	8.3x6.2x3	D28C	D28	DC Power							

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate					
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI		应用 Application	双向 BI		单向 UNI	产品外观 Outline	UL497B	UL1449	TUV	CQC
				Min	Max																			
BV-SMDJ30CAQ	BV-SMDJ30AQ	30	1	33.3	36.8	1	48.4	62.0	10/1000	3000	SMC	8.3x6.2x3	D30C	D30	DC Power									
BV-SMDJ33CAQ	BV-SMDJ33AQ	33	1	36.7	40.6	1	53.3	56.3	10/1000	3000	SMC	8.3x6.2x3	D33C	D33	DC Power									
BV-SMDJ36CAQ	BV-SMDJ36AQ	36	1	40	44.2	1	58.1	51.6	10/1000	3000	SMC	8.3x6.2x3	D36C	D36	DC Power									
BV-SMDJ40CAQ	BV-SMDJ40AQ	40	1	44.4	49.1	1	64.5	46.5	10/1000	3000	SMC	8.3x6.2x3	D40C	D40	DC Power									
BV-SMDJ43CAQ	BV-SMDJ43AQ	43	1	47.8	52.8	1	69.4	43.2	10/1000	3000	SMC	8.3x6.2x3	D43C	D43	DC Power									
BV-SMDJ45CAQ	BV-SMDJ45AQ	45	1	50	55.3	1	72.7	41.3	10/1000	3000	SMC	8.3x6.2x3	D45C	D45	DC Power									
BV-SMDJ48CAQ	BV-SMDJ48AQ	48	1	53.3	58.9	1	77.4	38.8	10/1000	3000	SMC	8.3x6.2x3	D48C	D48	DC Power									
BV-SMDJ51CAQ	BV-SMDJ51AQ	51	1	56.7	62.7	1	82.4	36.4	10/1000	3000	SMC	8.3x6.2x3	D51C	D51	DC Power									
BV-SMDJ54CAQ	BV-SMDJ54AQ	54	1	60	66.3	1	87.1	34.4	10/1000	3000	SMC	8.3x6.2x3	D54C	D54	DC Power									
BV-SMDJ58CAQ	BV-SMDJ58AQ	58	1	64.4	71.2	1	93.6	32.1	10/1000	3000	SMC	8.3x6.2x3	D58C	D58	DC Power									
BV-SMDJ60CAQ	BV-SMDJ60AQ	60	1	66.7	73.7	1	96.8	31.0	10/1000	3000	SMC	8.3x6.2x3	D60C	D60	DC Power									
BV-SMDJ64CAQ	BV-SMDJ64AQ	64	1	71.1	78.6	1	103	29.1	10/1000	3000	SMC	8.3x6.2x3	D64C	D64	DC Power									
BV-SMDJ70CAQ	BV-SMDJ70AQ	70	1	77.8	86	1	113	26.5	10/1000	3000	SMC	8.3x6.2x3	D70C	D70	DC Power									
BV-SMDJ75CAQ	BV-SMDJ75AQ	75	1	83.3	92.1	1	121	24.8	10/1000	3000	SMC	8.3x6.2x3	D75C	D75	DC Power									
BV-SMDJ78CAQ	BV-SMDJ78AQ	78	1	86.7	95.8	1	126	23.8	10/1000	3000	SMC	8.3x6.2x3	D78C	D78	DC Power									
BV-SMDJ85CAQ	BV-SMDJ85AQ	85	1	94.4	104	1	137	21.9	10/1000	3000	SMC	8.3x6.2x3	D85C	D85	DC Power									
BV-SMDJ90CAQ	BV-SMDJ90AQ	90	1	100	111	1	146	20.5	10/1000	3000	SMC	8.3x6.2x3	D90C	D90	DC Power									
BV-SMDJ100CAQ	BV-SMDJ100AQ	100	1	111	123	1	162	18.5	10/1000	3000	SMC	8.3x6.2x3	D100C	D100	DC Power									
BV-SMDJ110CAQ	BV-SMDJ110AQ	110	1	122	135	1	177	16.9	10/1000	3000	SMC	8.3x6.2x3	D110C	D110	DC Power									
BV-SMDJ120CAQ	BV-SMDJ120AQ	120	1	133	147	1	193	15.5	10/1000	3000	SMC	8.3x6.2x3	D120C	D120	DC Power									
BV-SMDJ130CAQ	BV-SMDJ130AQ	130	1	144	159	1	209	14.4	10/1000	3000	SMC	8.3x6.2x3	D130C	D130	DC Power									
BV-SMDJ150CAQ	BV-SMDJ150AQ	150	1	167	185	1	243	12.3	10/1000	3000	SMC	8.3x6.2x3	D150C	D150	DC Power									
BV-SMDJ160CAQ	BV-SMDJ160AQ	160	1	178	197	1	259	11.6	10/1000	3000	SMC	8.3x6.2x3	D160C	D160	DC Power									
BV-SMDJ170CAQ	BV-SMDJ170AQ	170	1	189	209	1	275	10.9	10/1000	3000	SMC	8.3x6.2x3	D170C	D170	DC Power									
BV-5SMDJ11CAQ	BV-5SMDJ11AQ	11	800	12.2	13.5	1	18.2	275	10/1000	5000	SMC	8.3x6.2x3	5D11C	5D11	DC Power									
BV-5 SMDJ12CAQ	BV-5 SMDJ12AQ	12	800	13.3	14.7	1	19.9	252	10/1000	5000	SMC	8.3x6.2x3	5D12C	5D12	DC Power									
BV-5SMDJ13CAQ	BV-5SMDJ13AQ	13	500	14.4	15.9	1	21.5	233	10/1000	5000	SMC	8.3x6.2x3	5D13C	5D13	DC Power									
BV-5SMDJ14CAQ	BV-5SMDJ14AQ	14	200	15.6	17.2	1	23.2	216	10/1000	5000	SMC	8.3x6.2x3	5D14C	5D14	DC Power									
BV-5SMDJ15CAQ	BV-5SMDJ15AQ	15	100	16.7	18.5	1	24.4	205	10/1000	5000	SMC	8.3x6.2x3	5D15C	5D15	DC Power									
BV-5SMDJ16CAQ	BV-5SMDJ16AQ	16	50	17.8	19.7	1	26	193	10/1000	5000	SMC	8.3x6.2x3	5D16C	5D16	DC Power									
BV-5SMDJ17CAQ	BV-5SMDJ17AQ	17	20	18.9	20.9	1	27.6	181	10/1000	5000	SMC	8.3x6.2x3	5D17C	5D17	DC Power									
BV-5SMDJ18CAQ	BV-5SMDJ18AQ	18	10	20	22.1	1	29.2	172	10/1000	5000	SMC	8.3x6.2x3	5D18C	5D18	DC Power									

产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform (μs)	峰值功率 P _{PP} (W)	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark		应用 Application	电路符号 Circuit		产品外观 Outline	认证 Certifisate			
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V)		I _R (mA)	V _C (V) Max	@ I _{PP} (A)					双向 BI	单向 UNI								
				Min	Max																	
BV-5SMDJ20CAQ	BV-5SMDJ20AQ	20	5	22.2	24.5	1	32.4	155	10/1000	5000	SMC	8.3x6.2x3	5D20C	5D20	DC Power							
BV-5SMDJ22CAQ	BV-5SMDJ22AQ	22	5	24.4	26.9	1	35.5	141	10/1000	5000	SMC	8.3x6.2x3	5D22C	5D22	DC Power							
BV-5SMDJ24CAQ	BV-5SMDJ24AQ	24	2	26.7	29.5	1	38.9	129	10/1000	5000	5SMCD	8.3x6.2x3	5D24C	5D24	DC Power							
BV-5SMDJ26CAQ	BV-5SMDJ26AQ	26	2	28.9	31.9	1	42.1	119	10/1000	5000	SMC	8.3x6.2x3	5D26C	5D26	DC Power							
BV-5SMDJ28CAQ	BV-5SMDJ28AQ	28	2	31.1	34.4	1	45.4	110	10/1000	5000	SMC	8.3x6.2x3	5D28C	5D28	DC Power							
BV-5SMDJ30CAQ	BV-5SMDJ30AQ	30	2	33.3	36.8	1	48.4	103	10/1000	5000	5SMCD	8.3x6.2x3	5D30C	5D30	DC Power							
BV-5SMDJ33CAQ	BV-5SMDJ33AQ	33	2	36.7	40.6	1	53.3	93.9	10/1000	5000	5SMCD	8.3x6.2x3	5D33C	5D33	DC Power							
BV-5SMDJ36CAQ	BV-5SMDJ36AQ	36	2	40	44.2	1	58.1	86.1	10/1000	5000	SMC	8.3x6.2x3	5D36C	5D36	DC Power							
BV-5SMDJ40CAQ	BV-5SMDJ40AQ	40	2	44.4	49.1	1	64.5	77.6	10/1000	5000	SMC	8.3x6.2x3	5D40C	5D40	DC Power							
BV-5SMDJ43CAQ	BV-5SMDJ43AQ	43	2	47.8	52.8	1	69.4	72.1	10/1000	5000	SMC	8.3x6.2x3	5D43C	5D43	DC Power							
BV-5SMDJ45CAQ	BV-5SMDJ45AQ	45	2	50	55.3	1	72.7	68.8	10/1000	5000	SMC	8.3x6.2x3	5D45C	5D45	DC Power							
BV-5SMDJ48CAQ	BV-5SMDJ48AQ	48	2	53.3	58.9	1	77.4	64.7	10/1000	5000	SMC	8.3x6.2x3	5D48C	5D48	DC Power							
BV-5SMDJ51CAQ	BV-5SMDJ51AQ	51	2	56.7	62.7	1	82.4	60.7	10/1000	5000	SMC	8.3x6.2x3	5D51C	5D51	DC Power							
BV-5SMDJ54CAQ	BV-5SMDJ54AQ	54	2	60	66.3	1	87.1	57.5	10/1000	5000	SMC	8.3x6.2x3	5D54C	5D54	DC Power							
BV-5SMDJ58CAQ	BV-5SMDJ58AQ	58	2	64.4	71.2	1	93.6	53.5	10/1000	5000	SMC	8.3x6.2x3	5D58C	5D58	DC Power							
BV-5SMDJ60CAQ	BV-5SMDJ60AQ	60	2	66.7	73.7	1	96.8	51.7	10/1000	5000	SMC	8.3x6.2x3	5D60C	5D60	DC Power							
BV-5SMDJ64CAQ	BV-5SMDJ64AQ	64	2	71.1	78.6	1	103	48.6	10/1000	5000	SMC	8.3x6.2x3	5D64C	5D64	DC Power							
BV-5SMDJ70CAQ	BV-5SMDJ70AQ	70	2	77.8	86	1	113	44.3	10/1000	5000	SMC	8.3x6.2x3	5D70C	5D70	DC Power							
BV-5SMDJ75CAQ	BV-5SMDJ75AQ	75	2	83.3	92.1	1	121	41.4	10/1000	5000	SMC	8.3x6.2x3	5D75C	5D75	DC Power							
BV-5SMDJ78CAQ	BV-5SMDJ78AQ	78	2	86.7	95.8	1	126	39.7	10/1000	5000	SMC	8.3x6.2x3	5D78C	5D78	DC Power							
BV-5SMDJ85CAQ	BV-5SMDJ85AQ	85	2	94.4	104	1	137	36.5	10/1000	5000	SMC	8.3x6.2x3	5D85C	5D85	DC Power							
BV-5SMDJ90CAQ	BV-5SMDJ90AQ	90	2	100	111	1	146	34.3	10/1000	5000	SMC	8.3x6.2x3	5D90C	5D90	DC Power							
BV-5SMDJ100CAQ	BV-5SMDJ100AQ	100	2	111	123	1	162	30.9	10/1000	5000	SMC	8.3x6.2x3	5D100C	5D100	DC Power							
BV-5SMDJ110CAQ	BV-5SMDJ110AQ	110	2	122	135	1	177	28.3	10/1000	5000	SMC	8.3x6.2x3	5D110C	5D110	DC Power							
BV-5SMDJ120CAQ	BV-5SMDJ120AQ	120	2	133	147	1	193	26	10/1000	5000	SMC	8.3x6.2x3	5D120C	5D120	DC Power							
BV-5SMDJ130CAQ	BV-5SMDJ130AQ	130	2	144	159	1	209	24	10/1000	5000	SMC	8.3x6.2x3	5D130C	5D130	DC Power							
BV-5SMDJ150CAQ	BV-5SMDJ150AQ	150	2	167	185	1	243	20.6	10/1000	5000	SMC	8.3x6.2x3	5D150C	5D150	DC Power							
BV-5SMDJ160CAQ	BV-5SMDJ160AQ	160	2	178	197	1	259	19.3	10/1000	5000	SMC	8.3x6.2x3	5D160C	5D160	DC Power							
BV-5SMDJ170CAQ	BV-5SMDJ170AQ	170	2	189	209	1	275	18.2	10/1000	5000	SMC	8.3x6.2x3	5D170C	5D170	DC Power							
	BV-SM8S10A	10	15	11.1	12.3	5	17	388	10/1000	6600	DO-218AB	15.5x10x4.9		SM8S10A	DC Power							
	BV-SM8S11A	11	10	12.2	13.5	5	18.2	363	10/1000	6600	DO-218AB	15.5x10x4.9		SM8S11A	DC Power							
	BV-SM8S12A	12	10	13.3	14.7	5	19.9	332	10/1000	6600	DO-218AB	15.5x10x4.9		SM8S12A	DC Power							

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform	峰值功率	封装	尺寸	印字 Mark		应用	电路符号 Circuit		产品外观 Outline	认证 Certifisate				
双向 BI	单向 UNI	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V) Min	I _R (mA) Max		V _C (V) Max	@ I _{PP} (A)		P _{PP} (W)		LxWxH(mm)	双向 BI	单向 UNI			双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
	BV-SM8S13A	13	10	14.4	15.9	5	21.5	307	10/1000	6600	DO-218AB	15.5x10x4.9		SM8S13A	DC Power				○	○	○	○	
	BV-SM8S14CA	BV-SM8S14A	14	10	15.6	17.2	5	23.2	284	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S14CA	SM8S14A	DC Power				○	○	○	○
	BV-SM8S15CA	BV-SM8S15A	15	10	16.7	18.5	5	24.4	270	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S15CA	SM8S15A	DC Power				○	○	○	○
	BV-SM8S16CA	BV-SM8S16A	16	10	17.8	19.7	5	26	254	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S16CA	SM8S16A	DC Power				○	○	○	○
	BV-SM8S17CA	BV-SM8S17A	17	10	18.9	20.9	5	27.6	239	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S17CA	SM8S17A	DC Power				○	○	○	○
	BV-SM8S18CA	BV-SM8S18A	18	10	20	22.1	5	29.2	226	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S18CA	SM8S18A	DC Power				○	○	○	○
	BV-SM8S20CA	BV-SM8S20A	20	10	22.2	24.5	5	32.4	204	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S20CA	SM8S20A	DC Power				○	○	○	○
	BV-SM8S22CA	BV-SM8S22A	22	10	24.4	26.9	5	35.5	186	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S22CA	SM8S22A	DC Power				○	○	○	○
	BV-SM8S24CA	BV-SM8S24A	24	10	26.7	29.5	5	38.9	170	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S24CA	SM8S24A	DC Power				○	○	○	○
	BV-SM8S26CA	BV-SM8S26A	26	10	28.9	31.9	5	42.1	157	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S26CA	SM8S26A	DC Power				○	○	○	○
	BV-SM8S28CA	BV-SM8S28A	28	10	31.1	34.4	5	454.4	145	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S28CA	SM8S28A	DC Power				○	○	○	○
	BV-SM8S30CA	BV-SM8S30A	30	10	33.3	36.8	5	48.4	136	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S30CA	SM8S30A	DC Power				○	○	○	○
	BV-SM8S33CA	BV-SM8S33A	33	10	36.7	40.6	5	53.3	124	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S33CA	SM8S33A	DC Power				○	○	○	○
	BV-SM8S36CA	BV-SM8S36A	36	10	40	44.2	5	58.1	114	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S36CA	SM8S36A	DC Power				○	○	○	○
	BV-SM8S40CA	BV-SM8S40A	40	10	44.4	49.1	5	64.5	102	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S40CA	SM8S40A	DC Power				○	○	○	○
	BV-SM8S43CA	BV-SM8S43A	43	10	47.8	52.8	5	69.4	95.1	10/1000	6600	DO-218AB	15.5x10x4.9	SM8S43CA	SM8S43A	DC Power				○	○	○	○
	BV-SMBJ30C2H		30	1	32	37	1	48.4	31	10/1000	1500	SMB	5.5x3.8x2.6	B30C2H	DC Power				●	○	○	○	
	BV-SMBJ58C2H		58	1	62.4	71.2	1	85	150	10/700	4(kV)	SMB	5.5x3.8x2.6	B58C2	POE				●	○	○	○	
	BV-SMBJ36C2M		36	1	38	44.2	1	50	30	10/1000	1500	SMB	5.5x3.8x2.6	B36C2M	DC Power				○	○	○	○	
	BV-SMBT-15CA		15	1	16.7	18.5	1	24.4	40.8	10/1000	1000 (Pin1,3 to 2)	SMB-T	5.4x3.3x2	B15CT	DC Power				○	●	○	○	
	BV-SMBT-20CA		20	1	22.2	24.5	1	32.4	30.8	10/1000	1000 (Pin1,3 to 2)	SMB-T	5.4x3.3x2	B20CT	DC Power				○	○	○	○	
	BV-SMBJ15CAH		15	1	16.7	18.5	1	24.4	40.8	10/1000	1000	SMB	5.5x3.8x2.6	SB15CH	DC Power				○	○	○	○	
	BV-SMCT-58CA		58	1	64.4	71.2	1	93.6	32.1	10/1000	3000 (Pin1,3 to 2)	SMC-T	8x5.9x2	C58CT	POE				○	○	○	○	
	BV-SMKJ30A		30	10	33	37	10	55	3000	8/20	/	SMK	10.6x8.3x2.3		K30A	DC Power				○	○	○	○
	BV-SMKJ75CA		75	10	85	94	10	140	3000	8/20	/	SMK	10.6x8.3x2.3	K75C	DC Power				○	○	○	○	
	BVF-0150A050-MD2		15	1	16.7	18.5	1	25	50	10/1000	1250	SMB-F	5.4x3.3x2	BF15CL	DC Power				○	○	○	○	
	BV-D158ZCH		58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SOD123F	3.7x1.8x1	DG	DC Power				○	○	○	○	
	BV-D105ZH		5	400	6.4	7	10	9.2	43.5	10/1000	400	SOD123F	3.7x1.8x1	A2	DC Power				○	○	○	○	
	BV-D115ZH		15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SOD123F	3.7x1.8x1	B6	DC Power				○	○	○	○	
	BV-D117ZH		17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SOD123F	3.7x1.8x1	B8	DC Power				○	○	○	○	
	BV-SMEJ44CA		44	10	48	54	10	80	10000	8/20	/	SME	18.3x14x7.5	/	DC Power				○	○	○	○	
	BV-SMEJ66CA		66	10	72	80	10	100	10000	8/20	/	SME	18.3x14x7.5	/	DC Power				○	○	○	○	

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产品型号 Part Number		不动作电压 Off state Voltage		击穿电压 Breakdown Voltage			最大钳位电压 Clamp Voltage		测试波形 Surge Waveform	峰值功率	封装	尺寸 Size	印字 Mark		应用	电路符号 Circuit	产品外观 Outline	认证 Certificate				
双向 BI	单向 UNI	V _{DRM} (V)	I _{ORM} 25°C(μA) Max	V _{BR} (V)	I _R (mA)		V _C (V) Max	@ I _{PP} (A)	Waveform (μs)	P _{PP} (W)	Package	LxWxH(mm)	双向 BI	单向 UNI	Application	双向 BI	单向 UNI		UL497B	UL1449	TUV	CQC
BV-SMEJ76CA-H		76	10	85	95	10	140	10000	8/20	/	SME	18.3x14x7.5	/		DC Power							
BV-SMEJ86CA-H		86	10	95	105	10	157	10000	8/20	/	SME	18.3x14x7.5	/		DC Power							
BV-5SMDJ85CA-1	BV-5SMDJ85A	85	2	94.4	104	1	137	36.5	10/1000	5000	SMC	8.3x6.2x3	5D85C	5D85	DC Power							
BV-6SMAJ15CA-F	BV-6SMAJ15A	15	1	13.3	14.7	1	19.9	30.2	10/1000	600	SMA	5.3x2.9x2.5	6A15C	6A15	DC Power							
BV-6SMAJ36CA	BV-SMAJ36A	36	1	40	44.2	1	58.1	6.9	10/1000	400	SMA	5.3x2.9x2.5	A36C	A36	DC Power							
BV-3SMBF30CA	BV-3SMBJ30A	30	1	33.3	36.8	1	48.4	62	10/1000	3000	SMBF	5.8x4.4x2.8	3BF30C	3BF30	DC Power							

[illegible]

[illegible]

[illegible]

产品型号 Part Number	不动作电压 Off state Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
																			UL497B	UL1449	TUV	CQC
BV03CW	3	0.5	3.5	1	5.8	1	15	10	1.5	/	8/20	150	SOD-323	CA1	1.6x1.3x1.2	Ethernet						
BV03C-H	3.3	1	3.8	1	7	1	18.5	19	1.5	/	8/20	350	SOD-323	CC	1.6x1.3x1.2	Ethernet						
BV05C	5	5	6	1	9.8	1	18.3	8	1.5	/	8/20	150	SOD-323	AC	1.6x1.3x1.2	xDSL						
BV08C	8	2	8.5	1	13.4	1	18.5	8	1.5	/	8/20	150	SOD-323	BC	1.6x1.3x1.2	xDSL						
BV12C	12	1	13.3	1	19	1	28.6	6	1.5	/	8/20	150	SOD-323	DC	1.6x1.3x1.2	xDSL						
BV15C	15	1	16.7	1	24	1	31.8	5	1.5	/	8/20	150	SOD-323	EC	1.6x1.3x1.2	xDSL						
BV24C	24	1	26.7	1	43	1	56	3	1.5	/	8/20	150	SOD-323	HC	1.6x1.3x1.2	xDSL						
BV-D112ZB	12	1	13.3	1	23	100	26	170	1500	/	8/20	4420	SOD123F	BE	2.7X1.8X1	DC power						
BV-D112ZCB	12	1	13.3	1	/	/	24	170	1000	/	8/20	4000	SOD123F	BE	2.7X1.8X1	DC power						
BV-D118ZCB	18	1	19	1	/	/	30	150	420	/	8/20	4500	SOD123F	BTB	2.7x1.8x1	DC power						
BV-D124ZB	24	1	25	1	29	100	33	185	1500	/	8/20	5500	SOD123F	B24	2.7x1.8x1	DC power						
BV-D124ZCB	24	1	25	1	33	150	36	200	230	/	8/20	7200	SOD123F	BZ	2.7x1.8x1	DC power						
BV-D32.5UCA	2.5	0.5	2.8	1	5	1	10	10	5	/	8/20	100	SOD-323	ZC	1.6x1.3x1.2	Ethernet						
BV-D303UC	3	0.5	3.5	1	5.15	1	13.9	15	1	/	8/20	350	SOD-323	CC.	1.6x1.3x1.2	Ethernet						
BV-D303ZCA	3.3	40	4	1	7.5	1	16	25	200	/	8/20	400	SOD-323	2A	1.6x1.3x1.2	DC power						
BV-D303ZB	3.3	40	4	1	8	1	11	18	450	/	8/20	198	SOD-323	03W	1.6x1.3x1.2	DC power						
BV-D305ZCA	5	1	6	1	9.8	1	17	24	200	/	8/20	408	SOD-323	2B	1.6x1.3x1.2	DC power						
BV-D305ZB	5	10	6	1	9.8	1	18	17	400	/	8/20	306	SOD-323	05W	1.6x1.3x1.2	DC power						
BV-D305ZH	5	1	6	1	11	100	14	130	2000	/	8/20	1820	SOD-323	U5H	1.6x1.3x1.2	DC power						
BV-D308UCE	8	1	8.3	1	12.5	1	30	13.5	2	/	8/20	405	SOD-323	D4	1.6x1.3x1.2	xDSL						
BV-D308ZCA	8	1	8.5	1	13.4	1	20	18	100	/	8/20	360	SOD-323	2C	1.6x1.3x1.2	DC power						
BV-D312ZCA	12	1	13.3	1	20	1	30	11	50	/	8/20	330	SOD-323	2D	1.6x1.3x1.2	DC power						
BV-D312ZB	12	1	13.3	1	22	1	32	11	130	/	8/20	352	SOD-323	12W	1.6x1.3x1.2	DC power						
BV-D312UCE	12	1	13.5	1	18.3	1	34	13.5	2	/	8/20	459	SOD-323	DK	1.6x1.3x1.2	xDSL						
BV-D315ZB	15	1	16.7	1	24	1	38	10	120	/	8/20	380	SOD-323	15W	1.6x1.3x1.2	DC power						
BV-D315ZCA	15	1	16.7	1	25	1	36	9	45	/	8/20	324	SOD-323	2J	1.6x1.3x1.2	DC power						
BV-D315UCE	15	1	17.3	1	21.7	1	40	10	2	/	8/20	400	SOD-323	D7	1.6x1.3x1.2	xDSL						
BV-D318ZCA	18	1	19.5	1	30	1	40	8	42	/	8/20	320	SOD-323	2K	1.6x1.3x1.2	DC power						
BV-D324UCE	24	1	27.3	1	34	1	52	6.5	2	/	8/20	338	SOD-323	DA	1.6x1.3x1.2	xDSL						
BV-D324ZCA	24	1	26.7	1	45	1	50	5	40	/	8/20	250	SOD-323	2H	1.6x1.3x1.2	DC power						
BV-D324ZB	24	1	26.7	1	43	1	52	5.5	80	/	8/20	286	SOD-323	24W	1.6x1.3x1.2	DC power						
BV-D336ZCA	36	1	40	1	65	1	75	3	25	/	8/20	225	SOD-323	2N	1.6x1.3x1.2	DC power						

产品型号 Part Number	不动作电压 Off state Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
																			UL497B	UL1449	TUV	CQC
BV-D303UCW	3.3	1	4	1	/	/	15	8	1.5	/	8/20	120	SOD-323	CW	2.5x1.3x1	Ethernet						
BV-D303ZCB	3.3	40	4	1	9	1	15	20	450	/	8/20	300	SOD-323	2A	2.5x1.3x1	DC power						
BV-D303ZCBQ	3.3	40	4	1	9	1	15	20	450	/	8/20	300	SOD-323	2A	2.5x1.3x1	DC power						
BV-D305ZCBQ	5	10	6	1	9.8	1	18	17	200	/	8/20	306	SOD-323	2B	2.5x1.3x1	DC power						
BV-D305UC	5	1	6	1	9.8	1	20	18	1.5	0.8	8/20	360	SOD-323	AC	2.5x1.3x1	DC power						
BV-D305ZCB	5	10	6	1	9.8	1	18	17	200	/	8/20	306	SOD-323	2B	2.5x1.3x1	DC power						
BV-D305ZCF	5	1	6	1	9.8	1	20	25	75	/	8/20	500	SOD-323	2B	2.5x1.3x1	DC power						
BV-D305ZCH	5	1	5.6	1	/	/	19	120	550	/	8/20	2280	SOD-323	5H	2.5x1.3x1	DC power						
BV-D305ZCK	5	1	5.6	1	11.6	5	19	9	/	15	8/20	171	SOD-323	5K	2.5x1.3x1	DC power						
BV-D308ZCB	8	2	8.5	1	13.4	1	24	15	120	/	8/20	360	SOD-323	2C	2.5x1.3x1	DC power						
BV-D312ZCB	12	1	13.3	1	20	1	32	11	75	/	8/20	352	SOD-323	2D	2.5x1.3x1	DC power						
BV-D312ZCBQ	12	1	13.3	1	20	1	32	11	75	/	8/20	352	SOD-323	2D	2.5x1.3x1	DC power						
BV-D31524ZCB	15	1	16.7	1	/	/	44	5	/	/	8/20	220	SOD-323	24	2.5x1.3x1	DC power						
BV-D315ZCB	24	1	25.4	1	25	1	70	3	68	/	8/20	210	SOD-323	2J	2.5x1.3x1	DC power						
BV-D315ZE	15	1	16.7	1	24	40	36	9	/	/	8/20	324	SOD-323	Z15A	2.5x1.3x1	DC power						
BV-D315ZCBQ	15	1	16.5	1	25	1	28	80	68	300	8/20	2240	SOD-323	2J	2.5x1.3x1	DC power						
BV-D318ZCB	15	1	16.7	1	30	1	36	9	57	/	8/20	324	SOD-323	2K	2.5x1.3x1	DC power						
BV-D324ZCB	18	1	19.5	1	45	1	45	8	50	/	8/20	360	SOD-323	2H	2.5x1.3x1	DC power						
BV-D324ZCBQ	24	1	26.7	1	45	1	50	5.5	50	37	8/20	320	SOD-323	2H	2.5x1.3x1	DC power						
BV-D34.5ZCA	24	1	26.7	1	50	5.5	50	5.5	50	/	8/20	275	SOD-323	2H	2.5x1.3x1	DC power						
BV-D36ZCB	4.5	1	4.8	1	13	100	16	160	1500	/	8/20	2200	SOD-323	48D	2.5x1.3x1	DC power						
BV-D336ZCB	36	1	40	1	65	1	75	3	35	/	8/20	225	SOD-323	2N	2.5x1.3x1	DC power						
BV-D336ZCBQ	36	1	40	1	65	1	75	3	35	/	8/20	225	SOD-323	2N	2.5x1.3x1	DC power						
BV-D336ZB	36	1	40	1	60	1	75	3	60	/	8/20	225	SOD-323	36W	2.5x1.3x1	DC power						
BV-D503ZA	3.3	1	4	1	/	/	14	7.5	105	/	8/20	105	SOD523	ZE∞	1.2x0.8x0.6	VGA						
BV-D503ZCB	3.3	1	4	1	/	/	12	30	100	65	8/20	360	SOD523FL	3C∞	1.2x0.8x0.6	Audio						
BV-D505ZC	5	1	5.6	1	11.6	5	19	8	15	/	8/20	150	SOD523	5C∞	1.2x0.8x0.6	Audio						
BV-D505ZCA	5	1	5.8	1	9.8	1	15	20	30	/	8/20	300	SOD523	C	1.2x0.8x0.6	Audio						
BV-D505ZCB	5	2	5.2	1	9.8	1	16	3	7	/	8/20	50	SOD523	LB	1.2x0.8x0.6	Audio						
BV-D505ZA	5	1	5.6	1	/	/	15	7	80	/	8/20	105	SOD523	ZF∞	1.2x0.8x0.6	VGA						
BV-D505ZCD	5	1	5.6	1	9.5	1	15	5	15	/	8/20	75	SOD523	5C∞	1.2x0.8x0.6	VGA						
BV-D505ZCG	5	1	5.3	1	10	5	12	20	38	/	8/20	200	SOD523	5B	1.2x0.8x0.6	Cell phone						
BV-D505UCA	5	2	5.6	1	12	1	15	2	3	/	8/20	30	SOD523	5B	1.2x0.8x0.6	Cell phone						

产品型号 Part Number	不动作电压 Offstate Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
																			UL497B	UL1449	TUV	CQC
BV-D505UCB	5	0.5	6	1	/	/	20.5	6.5	0.7	/	8/20	130	SOD523	5B	1.2x0.8x0.6	Cell phone						
BV-D505ZB	5	0.1	6	1	/	/	15	15	130	/	8/20	225	SOD523FL	Z5B	1.2x0.8x0.6	DC power						
BV-D505ZCF	5	0.1	5.6	1	9.5	1	13	8	18	15	8/20	104	SOD523FL	5C∞	1.2x0.8x0.6	VGA						
BV-D505ZCQ	5	1	5.6	1	11.6	5	19	8	15	/	8/20	150	SOD523	5C∞	1.2x0.8x0.6	Audio						
BVF-D505ZCAQ	5	1	6	1	11	5	13	12	50	/	8/20	156	SOD-523	FZB	1.2x0.8x0.6	Navigator						
BV-D507ZB	7	0.1	8.5	1	/	/	20	20	140	/	8/20	400	SOD523FL	Z7B	1.2x0.8x0.6	DC power						
BV-D512ZA	12	0.1	14.1	1	23	3	29	6	100	/	8/20	174	SOD523	ZM	1.2x0.8x0.6	DC power						
BV-D515ZA	15	0.5	16	1	/	/	30	4	28	/	8/20	120	SOD523	ZN∞	1.2x0.8x0.6	VGA						
BV-D524ZA	24	1	26	1	/	/	50	3	80	/	8/20	150	SOD523	5S	1.2x0.8x0.6	Cell phone						
BV-D524ZCA	24	1	26	1	/	/	50	35	20	/	8/20	175	SOD523FL	5S	1.2x0.8x0.6	VGA						
BV-D536ZB	36	1	40	1	/	/	65	5	40	10	8/20	325	SOD523FL	ZS	1.2x0.8x0.6	VGA						
BV-D903ZCB	3.3	0.1	3.5	1	7	1	10	6	18	30	8/20	60	SOD923	3B	1.0x0.6x0.42	VGA						
BV-D905ZCA	5	1	6	1	/	/	9	7	/	15	8/20	63	SOD923	CH	1.0x0.6x0.42	VGA						
BV-E505U2A	5	1	6	1	12	1	25	4	0.8	/	8/20	100	SOT523	P5	1.6x0.8x0.8	eSATA						
BV-E505U2B	5	0.1	6	1	12	1	15	4	0.8	/	8/20	60	SOT523	52L	1.6x0.8x0.8	eSATA						
BV-E305U2A	5	1	6	1	10	1	15	3	0.6	/	8/20	60	SOT323	52L	2x1.2x1	eSATA						
BV-E324Z2CAQ	24	1	26.7	1	43	1	50	4	12	/	8/20	200	SOT363	C24	2.0x2.2x0.9	USB						
BV-E605U4CA	5	1	6	1	/	/	15	5	0.8	12	8/20	75	SOT363	F54	2x2.2x0.9	Cell phone						
BV-E605Z5A	5	1	6	1	/	/	15	8	80	/	8/20	120	SOT363	.5C	2x2.2x0.9	Cell phone						
BV-FA2.5UCB	2.5	0.5	2.8	1	5	1	10	10	5	/	8/20	100	DFN1006-2	2V5Z	1x0.6x0.5	Ethernet						
BV-FA03ZCD	3.3	1	4	1	7.6	1	15	6	15	/	8/20	70	DFN1006-2	3X	1x0.6x0.5	PDA						
BV-FA03ZCB	3.3	1	3.5	1	6	1	10	7	12	/	8/20	70	DFN1006-2	T	1x0.6x0.5	Ethernet						
BV-FA03ZCT	3.3	0.1	3.5	1	7	1	10	6	12	/	8/20	60	DFN1006-2	3A	1x0.6x0.5	Cell phone						
BV-FA03ZCE	3.3	0.1	3.5	50	6	1	10	9	10	/	8/20	90	DFN1006-2	3A	1x0.6x0.5	Cell phone						
BV-FA03UCE	3.3	0.1	5	1	2	0.05	7	6	0.35	0.25	8/20	42	DFN1006-3	T3	1x0.6x0.5	Cell phone						
BV-FA03ZCH	3.3	1	4.6	1	7	1	15	35	75	65	8/20	525	DFN1006-3	4G	1x0.6x0.5	Cell phone						
BV-FA03ZCTQ	3.3	0.1	3.5	1	7	1	10	6	18	15	8/20	60	DFN1006-3	3A	1x0.6x0.5	Cell phone						
BV-FA4.5ZCA	4.5	1	4.6	1	7	1	15	35	65	/	8/20	600	DFN1006-2	4G	1x0.6x0.5	Cell phone						
BV-FA05UC	5	1	6	1	12	1	14	2	0.5	/	8/20	25	DFN1006-2	S	1x0.6x0.5	HDMI						
BV-FA05UCA	5	0.1	6	1	16	2	24	4	0.4	/	8/20	96	DFN1006-2	5BU	1x0.6x0.5	HDMI						
BV-FA05UCB	5	0.05	6	1	8.3	1	10	4	0.5	/	8/20	40	DFN1006-2	5U	1x0.6x0.5	HDMI						
BV-FA05UCD	5	0.05	6	1	9	1	11	7	1	/	8/20	77	DFN1006-2	5T	1x0.6x0.5	HDMI						

产品型号 Part Number	不动作电压 Off state Voltage V _{ORM} (V)I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V)I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisafate			
	UL497B	UL1449	TUV	CQC																		
BV-FA05ZC	5	1	6	1	11	1	15	4.5	15	/	8/20	75	DFN1006-2	PB	1x0.6x0.5	Cell phone						
BV-FA05ZCD	5	0.5	5.6	1	10	1	12	5	18	/	8/20	60	DFN1006-2	PD	1x0.6x0.5	PDA						
BV-FA05ZCQ	5	1	6	1	11	1	15	4.5	15	/	8/20	75	DFN1006-2	PB	1x0.6x0.5	Cell phone						
BV-FA05UA	5	1	5.4	1	10	1	20	4	0.8	/	8/20	80	DFN1006-2	L	1x0.6x0.5	DC power						
BV-FA05ZCK	5	1	5.5	1	7.5	1	11	35	75	/	8/20	385	DFN1006-2	5G	1x0.6x0.5	Cell phone						
BV-FA05ZCT	5	1.5	5.3	1	9	1	12.5	6	15	/	8/20	75	DFN1006-2	5A	1x0.6x0.5	Cell phone						
BV-FA05ZCTQ	5	1	6	1	11	1	13	4.5	18	/	8/20	60	DFN1006-2	PB	1x0.6x0.5	Cell phone						
BV-FA05U2A	5	1	6	1	12	1	/	/	0.7	/	8/20	20	DFN1006-3	L	1x0.6x0.5	Cell phone						
BV-FA05U2B	5	0.1	6	1	/	/	15	4	1	0.5	8/20	60	DFN1006-2	L	1x0.6x0.5	Cell phone						
BV-FA05UCE	5	0.01	450	Contact 8KV	/	/	40	Contact 8KV	/	0.05	8/20	/	DFN1006-2	/	1x0.6x0.5	Cell phone						
BV-FA05UCK	5	1	5.6	1	10	1	12	3	5	3.5	8/20	36	DFN1006-2	5KU	1x0.6x0.5	Cell phone						
BV-FA05UCL	5.3	1	6	1	/	/	12	4	0.4	/	8/20	48	DFN1006-2	L5	1x0.6x0.5	Cell phone						
BV-FA05UCN	5	0.5	6	1	/	/	8	9	0.4	0.3	8/20	72	DFN1006-2	T5	1x0.6x0.5	Cell phone						
BV-FA05UL	5	0.2	5.6	1	9	1	10	4	0.9	/	8/20	40	DFN1006-2	U5	1x0.6x0.5	Cell phone						
BV-FA05Z2CT	5	0.5	5.3	1	9	1	12	8	18	15	8/20	96	DFN1006-2	5T	1x0.6x0.5	Cell phone						
BV-FA05ZA	5.5	1	6	1	/	/	11	40	/	270	8/20	440	DFN1006-2	K6	1x0.6x0.5	Cell phone						
BV-FA05ZCH	5	0.5	5.3	1	8	1	11	100	/	200	8/20	1100	DFN1006-2	V5	1x0.6x0.5	Cell phone						
BV-FA06ZD	6	1	7.2	1	10	1	15	21	180	/	8/20	315	DFN1006-2	7Q	1x0.6x0.5	Cell phone						
BV-FA07ZCA	7	0.1	7.2	1	10	1	15	6	10	/	8/20	90	DFN1006-2	7A	1x0.6x0.5	Cell phone						
BV-FA07ZA	7	0.1	8	1	/	/	19	8	60	/	8/20	152	DFN1006-2	Z7A	1x0.6x0.5	Cell phone						
BV-FA08ZCT	8	0.5	10	1	14	1	23	8	/	10	8/20	184	DFN1006-2	D8	1x0.6x0.5	Cell phone						
BV-FA1.8ZCT	1.8	0.5	2.5	1	5.5	1	10	11	/	20	8/20	110	DFN1006-2	1A	1x0.6x0.5	Cell phone						
BV-FA4.5ZCB	4.5	1	4.6	1	/	/	12	55	150	/	8/20	660	DFN1006-2	4B	1x0.6x0.5	Cell phone						
BV-FA4.5ZCD	4.5	1	4.6	1	/	/	12	45	140	/	8/20	540	DFN1006-2	4D	1x0.6x0.5	Cell phone						
BV-FA12ZCB	12	0.1	13	1	16	1	20	6	5	/	8/20	120	DFN1006-2	cD	1x0.6x0.5	pc						
BV-FA12UCA	12	1	13.3	1	22	1	32	2	0.4	0.25	8/20	64	DFN1006-2	12BU	1x0.6x0.5	Cell phone						
BV-FA12ZB	12	1	13.5	1	19	5	24	10	60	/	8/20	240	DFN1006-2	12	1x0.6x0.5	Cell phone						
BV-FA15ZCB	15	0.1	15.5	1	20	1	25	6	5	/	8/20	140	DFN1006-2	fD	1x0.6x0.5	Cell phone						
BV-FA15UCA	15	1	16.5	1	28	1	36	3	0.4	/	8/20	108	DFN1006-2	15U	1x0.6x0.5	Cell phone						
BV-FA15ZB	15	0.1	16	1	18	1	28	18	/	90	8/20	504	DFN1006-2	Z15B	1x0.6x0.5	Cell phone						
BV-FA18UCA	18	0.05	18.5	1	6	1	10	4	0.55	0.40	8/20	40	DFN1006-2	8U	1x0.6x0.5	Cell phone						
BV-FA18ZCB	18	1	19.5	1	27	1	47	4	22	/	8/20	180	DFN1006-2	DF	1x0.6x0.5	Cell phone						

产品型号 Part Number	不动作电压 Offstate Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
																			UL497B	UL1449	TUV	CQC
BV-FA24ZA	24	1	26.7	1	/	/	50	3	/	35	8/20	150	DFN1006-2	Z24A	1x0.6x0.5	Cell phone						
BV-FA24ZCB	24	1	26.7	1	/	/	50	3	18	/	8/20	200	DFN1006-2	Z24C	1x0.6x0.5	DC power						
BV-FA24UCA	24	1	25.5	1	48	1	55	2	/	0.35	8/20	110	DFN1006-2	24BU	1x0.6x0.5	Cell phone						
BV-FA36ZB	36	1	40	1	/	/	65	3.5	25	20	8/20	227.5	DFN1006-2	36B	1x0.6x0.5	Cell phone						
BV-FA814ZCB	8	1	8.5	1	/	/	24	3	13	/	8/20	72	DFN1006-2	8E	1x0.6x0.5	Ethernet						
BV-FE03U2A	14	1	14.5	1	/	/	25.5	3	0.35	/	8/20	76.5	DFN1610-6L	GA	1.6x1x0.5	10G Ethernet						
BV-FE03U2D	3.3	0.5	4.5	1	/	/	24	4	0.35	/	8/20	100	DFN1610-6L	GA	1.6x1x0.5	10G Ethernet						
BV-FE03U2K	3.3	1	4.5	1	/	/	18	4	0.35	0.3	8/20	100	DFN1610-2L	GA	1.6x1x0.5	10G Ethernet						
BV-FE03U2M	3.3	0.05	6	0.01	/	/	10	8	0.5	0.35	8/20	80	DFN1610-2L	GA	1.6x1x0.5	10G Ethernet						
BV-FE03U2M-H	3.3	0.05	6	10	/	/	12	10	0.35	/	8/20	120	DFN1610-6L	GA	1.6x1x0.5	10G Ethernet						
BV-FE05ZA	5	1	6	1	9	100	13	150	2000	/	8/20	120	DFN1610-2L	U5Z	1.6x1x0.5	Cell phone						
BV-FE05U2A	5	0.5	6	1	/	/	15	4	0.6	0.4	8/20	1800	DFN1610-2L	0522P	1.6x1x0.5	10G Ethernet						
BV-FE05ZF	5	1	6	1	11	100	13	150	2000	/	8/20	60	DFN1610-2L	U5Z	1.6x1x0.5	Mobil phone						
BV-FE07ZA	7	1	7.5	1	12	80	13	100	1000	/	8/20	1800	DFN1610-2L	Z07A	1.6x1x0.5	DC power						
BV-FE07ZCA	7	1	7.5	1	/	/	13	100	1000	/	8/20	1300	DFN1610-2L	07CA	1.6x1x0.5	DC power						
BV-FE12ZS	12	1	13.3	1	18	10	25	80	/	350	8/20	1300	DFN1610-2L	Z12A	1.0x1x0.5	DC power						
BV-FE12ZA	12	1	13	1	/	/	24	60	1500	/	8/20	2000	DFN1610-2L	Z12A	1.6x1x0.5	DC power						
BV-FE15ZA	15	1	15.5	1	/	/	35	50	450	/	8/20	1400	DFN1610-2L	Z15A	1.6x1x0.5	DC power						
BV-FE15ZS	15	1	16.5	1	22	10	30	65	/	300	8/20	1400	DFN1610-2L	Z15A	1.6x1x0.5	DC power						
BV-FE18ZS	18	1	19	1	/	/	33	80	/	300	8/20	1950	DFN1610-2L	Z18ZS	1.6x1x0.5	DC power						
BV-FE20ZS	20	1	22	1	/	/	35	35	/	70	8/20	2640	DFN1610-2L	20ZS	1.6x1x0.5	DC power						
BV-FE24ZS	24	1	25	1	/	/	40	75	/	200	8/20	1225	DFN1610-2L	Z24A	1.6x1x0.5	DC power						
BV-FE30ZS	30	1	32	1	/	/	45	100	/	200	8/20	3000	DFN1610-2L	H30T	1.6x1x0.5	DC power						
BV-FK05U4CA	5	0.5	6	1	/	/	15	3	0.6	/	8/20	4500	DFN2510-10L	0524P	2.5x1x0.5	HDMI						
BV-FK03U4CB	3.3	1	4	1	/	/	10	5	0.65	/	8/20	45	DFN-2510-10L	T6XXXX	2.5x1x0.5	HDMI						
BV-FK03U4CD	3.3	1	3.6	1	/	/	15	4	0.65	0.35	8/20	50	DFN-2510-10L	3324P	2.5x1x0.5	HDMI						
BV-FK03U4CK	3.3	0.1	3.6	1	/	/	5	7	0.5	/	8/20	60	DFN-2510-10L	.03CK	2.5x1x0.5	HDMI						
BV-FK05U4CB	5	1	6	1	/	/	10	5	0.65	/	8/20	35	DFN-2510-10L	T4XXXX	2.5x1x0.5	HDMI						
BV-FK05U4CAQ	5	0.5	6	1	/	/	15	3	0.6	/	8/20	50	DFN-2510-10L	0524P	2.5x1x0.5	HDMI						
BV-FK05U4CP	5	0.1	6	1	/	/	6.5	6.5	0.35	/	8/20	42	DFN-2510-10L	.05CP	2.5x1x0.5	HDMI						
BV-FG03U4CA	3	0.1	3.5	1	7	1	17	12	1.2	/	8/20	200	DNF2010-8L	U33	2x1x0.5	Ethernet						
BV-FM4.5ZCB	4.5	1	4.8	1	/	/	20	275	1000	/	8/20	6000	DFN2020	45ZB	2x2x0.6	DC power						

产品型号 Part Number	不动作电压 Offstate Voltage V _{DRM} (V)		击穿电压 Breakdown Voltage V _{BR} (V)		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A)		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A)		结电容 Capacitance C _o (pF) 0V@1MHZ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certisate			
	V _{DRM} (V)	I _{DRM} 25°C(μA) Max	V _{BR} (V) Min	I _r (mA)	V _C (V) Max	@ I _{PP} (A)	V _C (V) Max	@ I _{PP} (A)	Max	Typ									UL497B	UL1449	TUV	CQC
BV-FM12ZS	12	1	13	1	/	/	33	200	/	1500	8/20	6600	DFN2020	U12Z	2x2x0.5	DC power						
BV-FM12ZA	12	1	13	1	23	100	27	150	1500	/	8/20	4050	DFN2020	U12Z	2x2x0.5	DC power						
BV-FM15ZS	15	1	15.5	1	/	/	36	180	/	1100	8/20	6480	DFN2020	U15Z	2x2x0.5	DC power						
BV-FM18ZS	18	1	19	1	/	/	43	150	/	950	8/20	6450	DFN2020	U18Z	2x2x0.5	DC power						
BV-FM20ZS-P	20	1	22	1	/	/	40	180	/	800	8/20	7200	DFN2020	U20P	2x2x0.5	DC power						
BV-FM20ZA	20	1	21	1	/	/	37	80	1500	/	8/20	2960	DFN2020	U20Z	2x2x0.5	DC power						
BV-FM24ZS	24	1	25	1	/	/	50	135	/	770	8/20	6750	DFN2020	U24Z	2x2x0.5	DC power						
BV-FM24ZS-P	24	1	24.8	1	16	150	40	220	/	700	8/20	8800	DFN2020	U24P	2x2x0.5	DC power						
BV-FM24ZD	24	1	25	1	46	70	53	90	1500	/	8/20	4000	DFN2020	U24Z	2x2x0.5	DC power						
BV-FM26ZS-P	26	0.5	27.5	1	33	130	40	210	/	700	8/20	8400	DFN2020	U26P	2x2x0.5	DC power						
BV-FM30ZS-P	30	1	31	1	/	/	40	180	/	650	8/20	7200	DFN2020	U30P	2x2x0.5	DC power						
BV-FW05U6CA	5	1	6	1	16	1	/	/	0.35	/	8/20	20	DFN4120-10L	BCNxxx	4.1x2x0.5	HDMI						
BV-F601UCB	1	0.1	4.5	0.1	/	/	3	4	0.35	0.25	8/20	12	DFN0603-2	m	0.6x0.3x0.3	Cell phone						
BV-F603UCG	3.3	0.1	5	1	/	/	7	6	0.35	0.25	8/20	42	DFN0603-2	C9	0.6x0.3x0.3	Cell phone						
BV-F603UCA	3.3	0.05	6	1	/	/	12	3.5	0.35	/	8/20	42	DFN0603-2	JD	0.6x0.3x0.3	USB3.0						
BV-F603ZCA	3.3	0.1	3.5	1	6	1	10	9	10	/	8/20	90	DFN0603-2	A3	0.6x0.3x0.3	Cell phone						
BV-F603UCP-H	3.3	0.05	5	1	/	/	8	8	0.55	0.4	8/20	64	DFN0603-2	3P	0.6x0.3x0.3	Cell phone						
BV-F603ZCA-AK	3.3	0.1	3.5	1	6	1	10	9	18	15	8/20	90	DFN0603-2	A3	0.6x0.3x0.3	Cell phone						
BV-F605ZCD	5	0.1	6	1	8	1	12	6	15	/	8/20	96	DFN0603-2	A5	0.6x0.3x0.3	Cell phone						
BV-F605UCF	5	0.5	6	1	15	1	25	4	0.3	/	8/20	100	DFN0603-2	F5	0.6x0.3x0.3	Cell phone						
BV-F605UCN	5	0.5	6	1	/	/	7	6	0.35	0.25	8/20	42	DFN0603-2	C9	0.6x0.3x0.3	Cell phone						
BV-F605UCS	5	1	5.6	1	10	1	13	3.5	5	3.5	8/20	45.5	DFN0603-2	5SU	0.6x0.3x0.3	Cell phone						
BV-F605ZCD-AK	5	0.1	5.3	1	8	1	12	6	18	15	8/20	72	DFN0603-2	A5	0.6x0.3x0.3	Cell phone						
BV-F605ZCF	5	0.1	5.3	1	6.4	1	8	16	45	35	8/20	128	DFN0603-2	E5	0.6x0.3x0.3	Cell phone						
BV-F607ZCA	7	1	7.2	50	10	1	15	6	10	/	8/20	90	DFN0603-2	A7	0.6x0.3x0.3	Cell phone						
BV-F612ZCB	12	1	13	1	16	1	20	6	5	/	8/20	120	DFN0603-2	Dc	0.6x0.3x0.3	Cell phone						
BV-F612ZCB-AK	12	0.1	13	1	16	1	20	6	15	8	8/20	120	DFN0603-2	Dc	0.6x0.3x0.3	Cell phone						
BV-SR05	5	1	6	1	15	1	25	5	1.2	/	8/20	125	SOT143	R05	2.9x1.3x1	Video						
BV_SD05	5	5	6	1	9.8	1	15	24	320	/	8/20	350	SOD-323	5U	1.6x1.3x1.2	ADSL2+						
BV-SRV05-4	5	0.5	6	1	/	/	15	5	1.8	/	8/20	75	SOT23-6	V05	2.9x2.4x1	Video						
BV-SR05-A	5	1	6	1	/	/	17	12	3	/	8/20	204	SOT143	R05A	2.9x1.3x1	Video						
BV-SRV05-4A	5	1	6	1	/	/	17	12	3	/	8/20	200	SOT23-6	V05A	3x2.8x1.1	USB						

产品型号 Part Number	不动作电压 Off state Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifisate			
																			UL497B	UL1449	TUV	CQC
BV-SRV05-4B	5	1	6	1	/	/	25	38	6.5	4.5	8/20	950	SOT23-6	V05C	3x2.8x1.1	USB						
BV-SM712	PIN3to1,2 PIN1,2to3	7	10	7.5	1	/	17	22	55	/	8/20	450	SOT23	M72	2.9x2.4x1	RS485						
		12	2	13.3	1	/	12	26	55	/	8/20	450	SOT23	M72	2.9x2.4x1	RS485						
BV-SM712-A	PIN3to1,2 PIN1,2to3	7	1	8	1	/	18	28	55	/	8/20	500	SOT23-3	M72	2.9x2.4x1	RS485						
BV-S605U5A	5	1	6	1	10	1	15	4	1.5	/	8/20	60	SOT563	55L	1.6x1.6x0.6	Ethernet						
BV-SLVU2.8-4	2.8	0.1	3.5	1	5.8	1	18	24	3	/	8/20	450	SOP8	LC3304EP8	4.9x3.9x1.5	Ethernet						
BV03CWQ	3	0.5	3.5	1	5.8	1	15	10	1.5	/	8/20	150	SOD-323-3	CA1	1.6x1.3x1.2	Ethernet						
BV03CQ	3	20	4	1	5.15	1	13.9	8	1.5	/	8/20	150	SOD-323	CC	1.6x1.3x1.2	Ethernet						
BV05CQ	5	5	6	1	9.8	1	18.3	8	1.5	/	8/20	150	SOD-323	AC	1.6x1.3x1.2	xDSL						
BV08CQ	8	2	8.5	1	13.4	1	18.5	8	1.5	/	8/20	150	SOD-323	BC	1.6x1.3x1.2	xDSL						
BV12CQ	12	1	13.3	1	19	1	28.6	6	1.5	/	8/20	150	SOD-323	DC	1.6x1.3x1.2	xDSL						
BV15CQ	15	1	16.7	1	24	1	31.8	5	1.5	/	8/20	150	SOD-323	EC	1.6x1.3x1.2	xDSL						
BV24CQ	24	1	26.7	1	43	1	56	3	1.5	/	8/20	150	SOD-323	HC	1.6x1.3x1.2	xDSL						
BV-T305Z2B	5	10	6	1	9.8	1	18	17	400	/	8/20	306	SOT23-3	M05	2.9x2.4x1	DC power						
BV-T305Z2CA	5	5	6	1	9.8	1	17	24	200	/	8/20	400	SOT23-3	C05	2.9x2.4x1	DC power						
BV-T305Z2CBQ	5	10	6	1	9.8	1	18	17	200	/	8/20	306	SOT23-3	C05	2.9x2.4x1	DC power						
BV-T305U2A	5	0.1	6	1	10	1	15	4	0.4	/	8/20	60	SOT23-3	52L	2.9x2.4x1	eSATA						
BV-T305Z2CD	5	0.5	5.3	1	9	1	12.5	6	18	/	8/20	75	SOT23-3	D05	2.9x2.4x1	DC power						
BV-T305Z2CE	5	1	6	1	9.8	1	22	23	100	/	8/20	500	SOT23-3	5CM	2.9x2.4x1	DC power						
BV-T308Z2CA	8	1	8.5	1	13.4	1	20	18	100	/	8/20	360	SOT23-3	C08	2.9x2.4x1	DC power						
BV-T312Z2CA	12	1	13.3	1	20	1	30	11	50	/	8/20	330	SOT23-3	C12	2.9x2.4x1	DC power						
BV-T312Z2CBQ	12	1	13.3	1	19	1	32	11	75	/	8/20	352	SOT23-3	C12	2.9x2.4x1	DC power						
BV-T315Z2CA	15	1	16.7	1	25	1	36	9	45	/	8/20	324	SOT23-3	C15	2.9x2.4x1	DC power						
BV-T315Z2CBQ	15	1	16.7	1	24	1	38	10	68	/	8/20	380	SOT23-3	C15	2.9x2.4x1	DC power						
BV-T318Z2CA	18	1	20	1	30	1	40	8	45	/	8/20	320	SOT23-3	C18	2.9x2.4x1	DC power						
BV-T324Z2CA	24	1	26.7	1	45	1	50	5	40	/	8/20	250	SOT23-3	C24	2.9x2.4x1	DC power						
BV-T324Z2CBQ	24	1	26.7	1	45	1	52	5.5	50	/	8/20	286	SOT23-3	C24	2.9x2.4x1	DC power						
BV-T333Z2CA	33	1	34.6	1	58	1	60	4	30	/	8/20	240	SOT23-3	C33	2.9x2.4x1	DC power						
BV-T336Z2CA	36	1	40	1	65	1	75	3	25	/	8/20	225	SOT23-3	C36	2.9x2.4x1	DC power						
BV-T303Z2B	3.3	40	4	1	7.5	1	12	20	450	/	8/20	240	SOT23-3	M03	2.9x2.4x1	DC power						
BV-T303Z2CBQ	3.3	40	4	1	9	1	15	20	450	/	8/20	300	SOT23-3	C03	2.9x2.4x1	DC power						
BV-T312Z2B	12	1	13.3	1	22	1	32	11	130	/	8/20	352	SOT23-3	M12	2.9x2.4x1	DC power						
BV-T315Z2B	15	1	16.7	1	24	1	38	10	120	/	8/20	380	SOT23-3	M15	2.9x2.4x1	DC power						

产品型号 Part Number	不动作电压 Off state Voltage V _{DRM} (V) I _{DRM} 25°C(μA) Max		击穿电压 Breakdown Voltage V _{BR} (V) I _R (mA) Min		钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		最大钳位电压 Clamp Voltage V _C @ I _{PP} (V) (A) Max		结电容 Capacitance C _o (pF) 0V@1MHZ Max Typ		测试波形 Surge Waveform (μs)	功率 P _{PP} (W)	封装 Package	印字 Mark	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	认证 Certifsate			
																			UL497B	UL1449	TUV	CQC
BV-T317Z2D	17	1	19	1	/	/	35	15	60	/	8/20	525	SOT23-3	C17	2.9x2.4x1	DC power						
BV-T318Z2CB	18	1	19	1	29	1	45	9	57	/	8/20	405	SOT23-3	C18	2.9x2.4x1	DC power						
BV-T324U2CA	24	0.5	26.5	1	/	/	50	2	6	4	8/20	100	SOT23-3	Cb2	2.9x2.4x1	CAN						
BV-T324Z2B	24	1	26.7	1	43	1	52	5.5	80	/	8/20	286	SOT23-3	M24	2.9x2.4x1	DC power						
BV-T324U2CAQ	24	0.5	26.5	1	/	/	50	2	6	4	8/20	100	SOT23-3	Cb2	2.9x2.4x1	CAN						
BV-T324Z2CAQ	24	1	26	1	/	/	50	3	20	15	8/20	150	SOT23-3	C24	2.9x2.4x1	DC power						
BV-T324Z2CGQ	24	0.5	26.7	1	/	/	43	8	/	25	8/20	344	SOT23-3	CB2H	2.9x2.4x1	DC power						
BV-T333Z2D	33	5	35	1	58	1	/	/	120	/	8/20	350	SOT23-3	33A	2.9x2.4x1	DC power						
BV-T336Z2B	36	1	40	1	60	1	75	3	60	/	8/20	225	SOT23-3	M36	2.9x2.4x1	DC power						
BV-T336Z2CBQ	36	1	40	1	60	1	75	3	35	/	8/20	225	SOT23-3	C36	2.9x2.4x1	DC power						
BV-T603U4CA	3.3	1	4.5	1	8.5	1	15	4	0.8	/	8/20	60	SOT23-6	Bc03	2.9x2.4x1	Video						
BV-T603U4CG	3.3	1	6	1	/	/	13.5	28	3	/	8/20	378	SOT23-6	E1s	2.9x2.4x1	Ethernet						
BV-T605U4CE	5	1	7	1	/	/	12	6	1.6	/	8/20	72	SOT23-6	1208 5U	2.9x2.4x1	Video						
BV-T605U4CF	5	1	6	1	/	/	15	4	0.7	/	8/20	60	SOT23-6	0544	2.9x2.4x1	Video						
BV-T605U4CM	5	1	6	1	/	/	13.5	28	3	/	8/20	378	SOT23-6	E1s	2.9x2.4x1	Ethernet						
BV-P806Z2A	6	25	6.8	1	14	25	20	100	20	/	8/20	2000	SOP8	0306	4.9x3.9x1.5	Ethernet						
BV-P803Z2A	3.3	1	3.5	0.002	/	/	20	100	25	/	8/20	2000	SOP8	LC03-3.3	4.9x3.9x1.5	Ethernet						
BV-P858Z4A	58	0.5	62	1	/	/	100	24	400	/	8/20	2700	SOP8	Z58A	4.9x3.9x1.5	DC power						
BV-P82.8U4CA	2.8	0.05	2.8	50	5	1	10	10	1.5	/	8/20	100	SOP8	UP8A	4.9x3.9x1.5	Ethernet						
BV-FP03U8CA	/	/	3.3	1	4	1	8	5	0.75	0.35	8/20	40	DFN3810	TAXXXX	3.8x1x0.6	USB						
BV-FR03U4CA	3.3	0.5	4	1	/	/	17	25	/	5.5	8/20	425	DFN2626	M34	2.6x2.6x0.6	Ethernet						
BV-ULC0524PA	5	1	6	1	15	1	25	4	0.6	/	8/20	100	DFN-2510-10L	P524	2.5x1x0.5	HDMI						
BVF-D505ZAQ	5	1	6	1	11	5	13	12	30	/	8/20	144	SOD523	FZB	1.6x0.8x0.6	DC power						
BV-3304P8	3.3	0.1	3.5	1	5.8	1	18	25	2	/	8/20	450	SOP8	LC33	4.9x3.9x1.5	Ethernet						

产品型号 Part Number	断态电压 Off state Voltage V _{DRM} (V) I _D (μA) Max		触发转折电压 Switching Trigger V _S (V) Waveform Max		门极反向漏电流 Gate reverse current V _{GK} (V) I _{GA} (μA) Max		正向通态电压 forward voltage V _F (V) I _F (A) Max		门极触发电压 Gate trigger Voltage V _{GT} (V) I _{GT} (mA) Max		结电容 Capacitance C _o (pF) 2V@1MHZ Max	测试波形 Surge Waveform (μs)	通流能力 Surge Peak (kV)	封装 Package	尺寸 Size L*W*H (mm)	印字 Mark	应用 Application	电路符号 Circuit	产品外观 Outline	体系认证 Remarks			
																				UL497B	UL1449	TUV	CQC
BS61089B-8	-170	5	-112	2/10μs	-167	5	3	5	2.5	5	100	10/700	1.6	SOP8	4.9x6x1.7	B61089B	SLIC						
BS61089D-8	-170	5	-64	10/700μs	-167	5	3	5	2.5	5	100	10/700	1.6	SOP8	4.9x6x1.7	B61089D	SLIC						

Environmental Analysis
环境分析

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选择标准

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方案设计

Select Components
器件选择

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方案测试

Apply & Optimize
应用优化

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1D5V1T1G-2	350	5.1	2%	5	60	480	1		2	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D5V6T1G-2	350	5.6	2%	5	40	400	1		1	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V2T1G-2	350	6.2	2%	5	10	150	1		3	4	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V8T1G-2	350	6.8	2%	5	15	80	1		2	4	SOD-123	2.7x1.8x1	DC power						
BW-D1D7V5T1G-2	350	7.5	2%	5	15	80	1		1	5	SOD-123	2.7x1.8x1	DC power						
BW-D1D8V2T1G-2	350	8.2	2%	5	15	80	1		0.7	5	SOD-123	2.7x1.8x1	DC power						
BW-D1D9V1T1G-2	350	9.1	2%	5	15	100	1		0.5	6	SOD-123	2.7x1.8x1	DC power						
BW-D1D10VT1G-2	350	10	2%	5	20	150	1		0.2	7	SOD-123	2.7x1.8x1	DC power						
BW-D1D11VT1G-2	350	11	2%	5	20	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D12VT1G-2	350	12	2%	5	25	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D13VT1G-2	350	13	2%	5	30	170	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D15VT1G-2	350	15	2%	5	30	200	1		0.1	10.5	SOD-123	2.7x1.8x1	DC power						
BW-D1D16VT1G-2	350	16	2%	5	40	200	1		0.1	11.2	SOD-123	2.7x1.8x1	DC power						
BW-D1D18VT1G-2	350	18	2%	5	45	225	1		0.1	12.6	SOD-123	2.7x1.8x1	DC power						
BW-D1D20VT1G-2	350	20	2%	5	55	225	1		0.1	14	SOD-123	2.7x1.8x1	DC power						
BW-D1D2V4T1G-5	350	2.4	5%	20	30	1200	0.25		100	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D2V7T1G-5	350	2.7	5%	20	30	1300	0.25		75	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V0T1G-5	350	3	5%	20	30	1600	0.25		50	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V3T1G-5	350	3.3	5%	20	28	1600	0.25		25	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V6T1G-5	350	3.6	5%	20	24	1700	0.25		15	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V9T1G-5	350	3.9	5%	20	23	1900	0.25		10	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D4V3T1G-5	350	4.3	5%	20	22	2000	0.25		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D4V7T1G-5	350	4.7	5%	20	19	1900	0.25		5	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D5V1T1G-5	350	5.1	5%	20	17	1600	0.25		5	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D5V6T1G-5	350	5.6	5%	20	11	1600	0.25		5	3	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V0T1G-5	350	6	5%	20	7	1600	0.25		5	3.5	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V2T1G-5	350	6.2	5%	20	7	1000	0.25		5	4	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V8T1G-5	350	6.8	5%	20	5	750	0.25		3	5	SOD-123	2.7x1.8x1	DC power						
BW-D1D7V5T1G-5	350	7.5	5%	20	6	500	0.25		3	6	SOD-123	2.7x1.8x1	DC power						
BW-D1D8V2T1G-5	350	8.2	5%	20	8	500	0.25		3	6.5	SOD-123	2.7x1.8x1	DC power						
BW-D1D8V7T1G-5	350	8.7	5%	20	8	600	0.25		3	6.5	SOD-123	2.7x1.8x1	DC power						
BW-D1D9V1T1G-5	350	9.1	5%	20	10	600	0.25		3	7	SOD-123	2.7x1.8x1	DC power						

Environmental Analysis
环境分析

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选择标准

Application Guide
方案设计

Select Components
器件选择

System Test
系统测试

Apply & Optimize
应用优化

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1D10VT1G-5	350	10	5%	20	17	600	0.25		3	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D11VT1G-5	350	11	5%	20	22	600	0.25		2	8.4	SOD-123	2.7x1.8x1	DC power						
BW-D1D12VT1G-5	350	12	5%	20	30	600	0.25		1	9.1	SOD-123	2.7x1.8x1	DC power						
BW-D1D13VT1G-5	350	13	5%	9.5	13	600	0.25		0.5	9.9	SOD-123	2.7x1.8x1	DC power						
BW-D1D14VT1G-5	350	14	5%	9	15	600	0.25		0.1	10	SOD-123	2.7x1.8x1	DC power						
BW-D1D15VT1G-5	350	15	5%	8.5	16	600	0.25		0.1	11	SOD-123	2.7x1.8x1	DC power						
BW-D1D16VT1G-5	350	16	5%	7.8	17	600	0.25		0.1	12	SOD-123	2.7x1.8x1	DC power						
BW-D1D18VT1G-5	350	18	5%	7	21	600	0.25		0.1	14	SOD-123	2.7x1.8x1	DC power						
BW-D1D20VT1G-5	350	20	5%	6.2	25	600	0.25		0.1	15	SOD-123	2.7x1.8x1	DC power						
BW-D1D22VT1G-5	350	22	5%	5.6	29	600	0.25		0.1	17	SOD-123	2.7x1.8x1	DC power						
BW-D1D24VT1G-5	350	24	5%	5.2	33	600	0.25		0.1	18	SOD-123	2.7x1.8x1	DC power						
BW-D1D25VT1G-5	350	25	5%	5	35	600	0.25		0.1	19	SOD-123	2.7x1.8x1	DC power						
BW-D1D27VT1G-5	350	27	5%	5	41	600	0.25		0.1	21	SOD-123	2.7x1.8x1	DC power						
BW-D1D28VT1G-5	350	28	5%	4.5	44	600	0.25		0.1	21	SOD-123	2.7x1.8x1	DC power						
BW-D1D30VT1G-5	350	30	5%	4.2	49	600	0.25		0.1	23	SOD-123	2.7x1.8x1	DC power						
BW-D1D33VT1G-5	350	33	5%	3.8	58	700	0.25		0.1	25	SOD-123	2.7x1.8x1	DC power						
BW-D1D36VT1G-5	350	36	5%	3.4	70	700	0.25		0.1	27	SOD-123	2.7x1.8x1	DC power						
BW-D1D39VT1G-5	350	39	5%	3.2	80	800	0.25		0.1	30	SOD-123	2.7x1.8x1	DC power						
BW-D1D2V4T1G-6	350	2.4	6%	5	100	600	1		50	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D2V7T1G-6	350	2.7	6%	5	100	600	1		20	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V0T1G-6	350	3	6%	5	95	600	1		10	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V3T1G-6	350	3.3	6%	5	95	600	1		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V6T1G-6	350	3.6	6%	5	90	600	1		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D3V9T1G-6	350	3.9	6%	5	90	600	1		3	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D4V3T1G-6	350	4.3	6%	5	90	600	1		3	1	SOD-123	2.7x1.8x1	DC power						
BW-D1D4V7T1G-6	350	4.7	6%	5	80	500	1		3	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D5V1T1G-6	350	5.1	6%	5	60	480	1		2	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D5V6T1G-6	350	5.6	6%	5	40	400	1		1	2	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V2T1G-6	350	6.2	6%	5	10	150	1		3	4	SOD-123	2.7x1.8x1	DC power						
BW-D1D6V8T1G-6	350	6.8	6%	5	15	80	1		2	4	SOD-123	2.7x1.8x1	DC power						
BW-D1D7V5T1G-6	350	7.5	6%	5	15	80	1		1	5	SOD-123	2.7x1.8x1	DC power						
BW-D1D8V2T1G-6	350	8.2	6%	5	15	80	1		0.7	5	SOD-123	2.7x1.8x1	DC power						

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1G7V5T1G-5	500	7.5	5%	20	6	500	0.25		3	6	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G8V2T1G-5	500	8.2	5%	20	8	500	0.25		3	6.5	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G8V7T1G-5	500	8.7	5%	20	8	600	0.25		3	6.5	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G9V1T1G-5	500	9.1	5%	20	10	600	0.25		3	7	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G10VT1G-5	500	10	5%	20	17	600	0.25		3	8	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G11VT1G-5	500	11	5%	20	22	600	0.25		2	8.4	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G12VT1G-5	500	12	5%	20	30	600	0.25		1	9.1	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G13VT1G-5	500	13	5%	9.5	13	600	0.25		0.5	9.9	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G14VT1G-5	500	14	5%	9	15	600	0.25		0.1	10	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G15VT1G-5	500	15	5%	8.5	16	600	0.25		0.1	11	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G16VT1G-5	500	16	5%	7.8	17	600	0.25		0.1	12	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G17VT1G-5	500	17	5%	7.4	19	600	0.25		0.1	13	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G18VT1G-5	500	18	5%	7	21	600	0.25		0.1	14	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G20VT1G-5	500	20	5%	6.2	25	600	0.25		0.1	15	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G22VT1G-5	500	22	5%	5.6	29	600	0.25		0.1	17	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G24VT1G-5	500	24	5%	5.2	33	600	0.25		0.1	18	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G25VT1G-5	500	25	5%	5	35	600	0.25		0.1	19	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G27VT1G-5	500	27	5%	5	41	600	0.25		0.1	21	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G28VT1G-5	500	28	5%	4.5	44	600	0.25		0.1	21	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G30VT1G-5	500	30	5%	4.2	49	600	0.25		0.1	23	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G33VT1G-5	500	33	5%	3.8	58	700	0.25		0.1	25	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G36VT1G-5	500	36	5%	3.4	70	700	0.25		0.1	27	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G39VT1G-5	500	39	5%	3.2	80	800	0.25		0.1	30	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G43VT1G-5	500	43	5%	3	93	900	0.25		0.1	33	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G47VT1G-5	500	47	5%	2.7	105	1000	0.25		0.1	36	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G51VT1G-5	500	51	5%	2.5	125	1100	0.25		0.1	39	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G56VT1G-5	500	56	5%	2.2	150	1300	0.25		0.1	43	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G60VT1G-5	500	60	5%	2.1	170	1400	0.25		0.1	46	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G62VT1G-5	500	62	5%	2	185	1400	0.25		0.1	47	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G68VT1G-5	500	68	5%	1.8	230	1600	0.25		0.1	52	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G75VT1G-5	500	75	5%	1.7	270	1700	0.25		0.1	56	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐
BW-D1G2V0T1G-6	500	2	6%	5	150	600	1		100	1	SOD-123	2.7x1.8x1	DC power			☐	☐	☐	☐

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1D9V1T1G-6	350	9.1	6%	5	15	100	1		0.5	6	SOD-123	2.7x1.8x1	DC power						
BW-D1D10VT1G-6	350	10	6%	5	20	150	1		0.2	7	SOD-123	2.7x1.8x1	DC power						
BW-D1D11VT1G-6	350	11	6%	5	20	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D12VT1G-6	350	12	6%	5	25	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D13VT1G-6	350	13	6%	5	30	170	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1D15VT1G-6	350	15	6%	5	30	200	1		0.1	10.5	SOD-123	2.7x1.8x1	DC power						
BW-D1D16VT1G-6	350	16	6%	5	40	200	1		0.1	11.2	SOD-123	2.7x1.8x1	DC power						
BW-D1D18VT1G-6	350	18	6%	5	45	225	1		0.1	12.6	SOD-123	2.7x1.8x1	DC power						
BW-D1D20VT1G-6	350	20	6%	5	55	225	1		0.1	14	SOD-123	2.7x1.8x1	DC power						
BW-D1D22VT1G-6	350	22	6%	5	55	250	1		0.1	15.4	SOD-123	2.7x1.8x1	DC power						
BW-D1D24VT1G-6	350	24	6%	5	70	250	1		0.1	16.8	SOD-123	2.7x1.8x1	DC power						
BW-D1D27VT1G-6	350	27	6%	2	80	300	0.5		0.1	18.9	SOD-123	2.7x1.8x1	DC power						
BW-D1D30VT1G-6	350	30	6%	2	80	300	0.5		0.1	21	SOD-123	2.7x1.8x1	DC power						
BW-D1D33VT1G-6	350	33	6%	2	80	325	0.5		0.1	23.1	SOD-123	2.7x1.8x1	DC power						
BW-D1D36VT1G-6	350	36	6%	2	90	350	0.5		0.1	25.2	SOD-123	2.7x1.8x1	DC power						
BW-D1D39VT1G-6	350	39	6%	2	130	350	0.5		0.1	27.3	SOD-123	2.7x1.8x1	DC power						
BW-D1D43VT1G-6	350	43	6%	2	100	700	1		0.1	32	SOD-123	2.7x1.8x1	DC power						
BW-D1G2V4T1G-5	500	2.4	5%	20	30	1200	0.25		100	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G2V5T1G-5	500	2.5	5%	20	30	1250	0.25		100	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G2V7T1G-5	500	2.7	5%	20	30	1300	0.25		75	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G2V8T1G-5	500	2.8	5%	20	30	1400	0.25		75	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V0T1G-5	500	3	5%	20	30	1600	0.25		50	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V3T1G-5	500	3.3	5%	20	28	1600	0.25		25	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V6T1G-5	500	3.6	5%	20	24	1700	0.25		15	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V9T1G-5	500	3.9	5%	20	23	1900	0.25		10	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G4V3T1G-5	500	4.3	5%	20	22	2000	0.25		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G4V7T1G-5	500	4.7	5%	20	19	1900	0.25		5	2	SOD-123	2.7x1.8x1	DC power						
BW-D1G5V1T1G-5	500	5.1	5%	20	17	1600	0.25		5	2	SOD-123	2.7x1.8x1	DC power						
BW-D1G5V6T1G-5	500	5.6	5%	20	11	1600	0.25		5	3	SOD-123	2.7x1.8x1	DC power						
BW-D1G6V0T1G-5	500	6	5%	20	7	1600	0.25		5	3.5	SOD-123	2.7x1.8x1	DC power						
BW-D1G6V2T1G-5	500	6.2	5%	20	7	1000	0.25		5	4	SOD-123	2.7x1.8x1	DC power						
BW-D1G6V8T1G-5	500	6.8	5%	20	5	750	0.25		3	5	SOD-123	2.7x1.8x1	DC power						

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1G2V4T1G-6	500	2.4	6%	5	100	600	1		50	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G2V7T1G-6	500	2.7	6%	5	100	600	1		20	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V0T1G-6	500	3	6%	5	95	600	1		10	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V3T1G-6	500	3.3	6%	5	95	600	1		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V6T1G-6	500	3.6	6%	5	90	600	1		5	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G3V9T1G-6	500	3.9	6%	5	90	600	1		3	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G4V3T1G-6	500	4.3	6%	5	90	600	1		3	1	SOD-123	2.7x1.8x1	DC power						
BW-D1G4V7T1G-6	500	4.7	6%	5	80	500	1		3	2	SOD-123	2.7x1.8x1	DC power						
BW-D1G5V1T1G-6	500	5.1	6%	5	60	480	1		2	2	SOD-123	2.7x1.8x1	DC power						
BW-D1G5V6T1G-6	500	5.6	6%	5	40	400	1		1	2	SOD-123	2.7x1.8x1	DC power						
BW-D1G6V2T1G-6	500	6.2	6%	5	10	150	1		3	4	SOD-123	2.7x1.8x1	DC power						
BW-D1G6V8T1G-6	500	6.8	6%	5	15	80	1		2	4	SOD-123	2.7x1.8x1	DC power						
BW-D1G7V5T1G-6	500	7.5	6%	5	15	80	1		1	5	SOD-123	2.7x1.8x1	DC power						
BW-D1G8V2T1G-6	500	8.2	6%	5	15	80	1		0.7	5	SOD-123	2.7x1.8x1	DC power						
BW-D1G9V1T1G-6	500	9.1	6%	5	15	100	1		0.5	6	SOD-123	2.7x1.8x1	DC power						
BW-D1G10VT1G-6	500	10	6%	5	20	150	1		0.2	7	SOD-123	2.7x1.8x1	DC power						
BW-D1G11VT1G-6	500	11	6%	5	20	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1G12VT1G-6	500	12	6%	5	25	150	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1G13VT1G-6	500	13	6%	5	30	170	1		0.1	8	SOD-123	2.7x1.8x1	DC power						
BW-D1G15VT1G-6	500	15	6%	5	30	200	1		0.1	10.5	SOD-123	2.7x1.8x1	DC power						
BW-D1G16VT1G-6	500	16	6%	5	40	200	1		0.1	11.2	SOD-123	2.7x1.8x1	DC power						
BW-D1G18VT1G-6	500	18	6%	5	45	225	1		0.1	12.6	SOD-123	2.7x1.8x1	DC power						
BW-D1G20VT1G-6	500	20	6%	5	55	225	1		0.1	14	SOD-123	2.7x1.8x1	DC power						
BW-D1G22VT1G-6	500	22	6%	5	55	250	1		0.1	15.4	SOD-123	2.7x1.8x1	DC power						
BW-D1G24VT1G-6	500	24	6%	5	70	250	1		0.1	16.8	SOD-123	2.7x1.8x1	DC power						
BW-D1G27VT1G-6	500	27	6%	2	80	300	0.5		0.1	18.9	SOD-123	2.7x1.8x1	DC power						
BW-D1G30VT1G-6	500	30	6%	2	80	300	0.5		0.1	21	SOD-123	2.7x1.8x1	DC power						
BW-D1G33VT1G-6	500	33	6%	2	80	325	0.5		0.1	23.1	SOD-123	2.7x1.8x1	DC power						
BW-D1G36VT1G-6	500	36	6%	2	90	350	0.5		0.1	25.2	SOD-123	2.7x1.8x1	DC power						
BW-D1G39VT1G-6	500	39	6%	2	130	350	0.5		0.1	27.3	SOD-123	2.7x1.8x1	DC power						
BW-D1G43VT1G-6	500	43	6%	2	100	700	1		0.1	32	SOD-123	2.7x1.8x1	DC power						
BW-D1G47VT1G-6	500	47	6%	2	100	750	1		0.1	35	SOD-123	2.7x1.8x1	DC power						

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D1G51VT1G-6	500	51	6%	2	125	750	1		0.1	38	SOD-123	2.7x1.8x1	DC power						
BW-D1G56VT1G-6	500	56	6%	2	135	700	1		0.1	39	SOD-123	2.7x1.8x1	DC power						
BW-D1G62VT1G-6	500	62	6%	2	200	1000	1		0.2	47	SOD-123	2.7x1.8x1	DC power						
BW-D1G68VT1G-6	500	68	6%	2	250	1000	1		0.2	52	SOD-123	2.7x1.8x1	DC power						
BW-D1G75VT1G-6	500	75	6%	2	300	1000	1		0.2	57	SOD-123	2.7x1.8x1	DC power						
BW-D3A5V1T1G-2	200	5.1	2%	5	60	480	1		2	2	SOD-323	2.5x1.3x1	DC power						
BW-D3A5V6T1G-2	200	5.6	2%	5	40	400	1		1	2	SOD-323	2.5x1.3x1	DC power						
BW-D3A6V2T1G-2	200	6.2	2%	5	10	150	1		3	4	SOD-323	2.5x1.3x1	DC power						
BW-D3A6V8T1G-2	200	6.8	2%	5	15	80	1		2	4	SOD-323	2.5x1.3x1	DC power						
BW-D3A7V5T1G-2	200	7.5	2%	5	15	80	1		1	5	SOD-323	2.5x1.3x1	DC power						
BW-D3A8V2T1G-2	200	8.2	2%	5	15	80	1		0.7	5	SOD-323	2.5x1.3x1	DC power						
BW-D3A9V1T1G-2	200	9.1	2%	5	15	100	1		0.5	6	SOD-323	2.5x1.3x1	DC power						
BW-D3A10VT1G-2	200	10	2%	5	20	150	1		0.2	7	SOD-323	2.5x1.3x1	DC power						
BW-D3A11VT1G-2	200	11	2%	5	20	150	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A12VT1G-2	200	12	2%	5	25	150	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A13VT1G-2	200	13	2%	5	30	170	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A15VT1G-2	200	15	2%	5	30	200	1		0.1	10.5	SOD-323	2.5x1.3x1	DC power						
BW-D3A16VT1G-2	200	16	2%	5	40	200	1		0.1	11.2	SOD-323	2.5x1.3x1	DC power						
BW-D3A18VT1G-2	200	18	2%	5	45	225	1		0.1	12.6	SOD-323	2.5x1.3x1	DC power						
BW-D3A20VT1G-2	200	20	2%	5	55	225	1		0.1	14	SOD-323	2.5x1.3x1	DC power						
BW-D3A2V4T1G-5	200	2.4	5%	20	30	1200	0.25		100	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A2V7T1G-5	200	2.7	5%	20	30	1300	0.25		75	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V0T1G-5	200	3	5%	20	30	1600	0.25		50	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V3T1G-5	200	3.3	5%	20	28	1600	0.25		25	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V6T1G-5	200	3.6	5%	20	24	1700	0.25		15	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V9T1G-5	200	3.9	5%	20	23	1900	0.25		10	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A4V3T1G-5	200	4.3	5%	20	22	2000	0.25		5	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A4V7T1G-5	200	4.7	5%	20	19	1900	0.25		5	2	SOD-323	2.5x1.3x1	DC power						
BW-D3A5V1T1G-5	200	5.1	5%	20	17	1600	0.25		5	2	SOD-323	2.5x1.3x1	DC power						
BW-D3A5V6T1G-5	200	5.6	5%	20	11	1600	0.25		5	3	SOD-323	2.5x1.3x1	DC power						
BW-D3A6V0T1G-5	200	6	5%	20	7	1600	0.25		5	3.5	SOD-323	2.5x1.3x1	DC power						
BW-D3A6V2T1G-5	200	6.2	5%	20	7	1000	0.25		5	4	SOD-323	2.5x1.3x1	DC power						

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{zT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D3A6V8T1G-5	200	6.8	5%	20	5	750	0.25		3	5	SOD-323	2.7x1.8x1	DC power						
BW-D3A7V5T1G-5	200	7.5	5%	20	6	500	0.25		3	6	SOD-323	2.7x1.8x1	DC power						
BW-D3A8V2T1G-5	200	8.2	5%	20	8	500	0.25		3	6.5	SOD-323	2.7x1.8x1	DC power						
BW-D3A8V7T1G-5	200	8.7	5%	20	8	600	0.25		3	6.5	SOD-323	2.7x1.8x1	DC power						
BW-D3A9V1T1G-5	200	9.1	5%	20	10	600	0.25		3	7	SOD-323	2.7x1.8x1	DC power						
BW-D3A10VT1G-5	200	10	5%	20	17	600	0.25		3	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A11VT1G-5	200	11	5%	20	22	600	0.25		2	8.4	SOD-323	2.5x1.3x1	DC power						
BW-D3A12VT1G-5	200	12	5%	20	30	600	0.25		1	9.1	SOD-323	2.5x1.3x1	DC power						
BW-D3A13VT1G-5	200	13	5%	9.5	13	600	0.25		0.5	9.9	SOD-323	2.5x1.3x1	DC power						
BW-D3A14VT1G-5	200	14	5%	9	15	600	0.25		0.1	10	SOD-323	2.5x1.3x1	DC power						
BW-D3A15VT1G-5	200	15	5%	8.5	16	600	0.25		0.1	11	SOD-323	2.5x1.3x1	DC power						
BW-D3A16VT1G-5	200	16	5%	7.8	17	600	0.25		0.1	12	SOD-323	2.5x1.3x1	DC power						
BW-D3A18VT1G-5	200	18	5%	7	21	600	0.25		0.1	14	SOD-323	2.5x1.3x1	DC power						
BW-D3A20VT1G-5	200	20	5%	6.2	25	600	0.25		0.1	15	SOD-323	2.5x1.3x1	DC power						
BW-D3A22VT1G-5	200	22	5%	5.6	29	600	0.25		0.1	17	SOD-323	2.5x1.3x1	DC power						
BW-D3A24VT1G-5	200	24	5%	5.2	33	600	0.25		0.1	18	SOD-323	2.5x1.3x1	DC power						
BW-D3A25VT1G-5	200	25	5%	5	35	600	0.25		0.1	19	SOD-323	2.5x1.3x1	DC power						
BW-D3A27VT1G-5	200	27	5%	5	41	600	0.25		0.1	21	SOD-323	2.5x1.3x1	DC power						
BW-D3A28VT1G-5	200	28	5%	4.5	44	600	0.25		0.1	21	SOD-323	2.5x1.3x1	DC power						
BW-D3A30VT1G-5	200	30	5%	4.2	49	600	0.25		0.1	23	SOD-323	2.5x1.3x1	DC power						
BW-D3A33VT1G-5	200	33	5%	3.8	58	700	0.25		0.1	25	SOD-323	2.5x1.3x1	DC power						
BW-D3A36VT1G-5	200	36	5%	3.4	70	700	0.25		0.1	27	SOD-323	2.5x1.3x1	DC power						
BW-D3A39VT1G-5	200	39	5%	3.2	80	800	0.25		0.1	30	SOD-323	2.5x1.3x1	DC power						
BW-D3A2V4T1G-6	200	2.4	6%	5	100	600	1		50	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A2V7T1G-6	200	2.7	6%	5	100	600	1		20	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V0T1G-6	200	3	6%	5	95	600	1		10	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V3T1G-6	200	3.3	6%	5	95	600	1		5	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V6T1G-6	200	3.6	6%	5	90	600	1		5	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A3V9T1G-6	200	3.9	6%	5	90	600	1		3	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A4V3T1G-6	200	4.3	6%	5	90	600	1		3	1	SOD-323	2.5x1.3x1	DC power						
BW-D3A4V7T1G-6	200	4.7	6%	5	80	500	1		3	2	SOD-323	2.5x1.3x1	DC power						
BW-D3A5V1T1G-6	200	5.1	6%	5	60	480	1		2	2	SOD-323	2.5x1.3x1	DC power						

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-D3A5V6T1G-6	200	5.6	6%	5	40	400	1		1	2	SOD-323	2.7x1.8x1	DC power						
BW-D3A6V2T1G-6	200	6.2	6%	5	10	150	1		3	4	SOD-323	2.7x1.8x1	DC power						
BW-D3A6V8T1G-6	200	6.8	6%	5	15	80	1		2	4	SOD-323	2.7x1.8x1	DC power						
BW-D3A7V5T1G-6	200	7.5	6%	5	15	80	1		1	5	SOD-323	2.7x1.8x1	DC power						
BW-D3A8V2T1G-6	200	8.2	6%	5	15	80	1		0.7	5	SOD-323	2.7x1.8x1	DC power						
BW-D3A9V1T1G-6	200	9.1	6%	5	15	100	1		0.5	6	SOD-323	2.5x1.3x1	DC power						
BW-D3A10VT1G-6	200	10	6%	5	20	150	1		0.2	7	SOD-323	2.5x1.3x1	DC power						
BW-D3A11VT1G-6	200	11	6%	5	20	150	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A12VT1G-6	200	12	6%	5	25	150	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A13VT1G-6	200	13	6%	5	30	170	1		0.1	8	SOD-323	2.5x1.3x1	DC power						
BW-D3A15VT1G-6	200	15	6%	5	30	200	1		0.1	10.5	SOD-323	2.5x1.3x1	DC power						
BW-D3A16VT1G-6	200	16	6%	5	40	200	1		0.1	11.2	SOD-323	2.5x1.3x1	DC power						
BW-D3A18VT1G-6	200	18	6%	5	45	225	1		0.1	12.6	SOD-323	2.5x1.3x1	DC power						
BW-D3A20VT1G-6	200	20	6%	5	55	225	1		0.1	14	SOD-323	2.5x1.3x1	DC power						
BW-D3A22VT1G-6	200	22	6%	5	55	250	1		0.1	15.4	SOD-323	2.5x1.3x1	DC power						
BW-D3A24VT1G-6	200	24	6%	5	70	250	1		0.1	16.8	SOD-323	2.5x1.3x1	DC power						
BW-D3A27VT1G-6	200	27	6%	2	80	300	0.5		0.1	18.9	SOD-323	2.5x1.3x1	DC power						
BW-D3A30VT1G-6	200	30	6%	2	80	300	0.5		0.1	21	SOD-323	2.5x1.3x1	DC power						
BW-D3A33VT1G-6	200	33	6%	2	80	325	0.5		0.1	23.1	SOD-323	2.5x1.3x1	DC power						
BW-D3A36VT1G-6	200	36	6%	2	90	350	0.5		0.1	25.2	SOD-323	2.5x1.3x1	DC power						
BW-D3A39VT1G-6	200	39	6%	2	130	350	0.5		0.1	27.3	SOD-323	2.5x1.3x1	DC power						
BW-D3A43VT1G-6	200	43	6%	2	100	700	1		0.1	32	SOD-323	2.5x1.3x1	DC power						
BW-TAC5V1T1G-2	300	5.1	2%	5	60	480	1		2	2	SOT-23	2x2.4x1.3	DC power						
BW-TAC5V6T1G-2	300	5.6	2%	5	40	400	1		1	2	SOT-23	2x2.4x1.3	DC power						
BW-TAC6V2T1G-2	300	6.2	2%	5	10	150	1		3	4	SOT-23	2x2.4x1.3	DC power						
BW-TAC6V8T1G-2	300	6.8	2%	5	15	80	1		2	4	SOT-23	2x2.4x1.3	DC power						
BW-TAC7V5T1G-2	300	7.5	2%	5	15	80	1		1	5	SOT-23	2x2.4x1.3	DC power						
BW-TAC8V2T1G-2	300	8.2	2%	5	15	80	1		0.7	5	SOT-23	2x2.4x1.3	DC power						
BW-TAC9V1T1G-2	300	9.1	2%	5	15	100	1		0.5	6	SOT-23	2x2.4x1.3	DC power						
BW-TAC10VT1G-2	300	10	2%	5	20	150	1		0.2	7	SOT-23	2x2.4x1.3	DC power						
BW-TAC11VT1G-2	300	11	2%	5	20	150	1		0.1	8	SOT-23	2x2.4x1.3	DC power						
BW-TAC12VT1G-2	300	12	2%	5	25	150	1		0.1	8	SOT-23	2x2.4x1.3	DC power						

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产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{ZT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-TAC13VT1G-2	300	13	2%	5	30	170	1		0.1	8	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC15VT1G-2	300	15	2%	5	30	200	1		0.1	10.5	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC16VT1G-2	300	16	2%	5	40	200	1		0.1	11.2	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC18VT1G-2	300	18	2%	5	45	225	1		0.1	12.6	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC20VT1G-2	300	20	2%	5	55	225	1		0.1	14	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC2V4T1G-6	300	2.4	6%	5	100	600	1		50	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC2V7T1G-6	300	2.7	6%	5	100	600	1		20	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC3V0T1G-6	300	3	6%	5	95	600	1		10	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC3V3T1G-6	300	3.3	6%	5	95	600	1		5	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC3V6T1G-6	300	3.6	6%	5	90	600	1		5	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC3V9T1G-6	300	3.9	6%	5	90	600	1		3	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC4V3T1G-6	300	4.3	6%	5	90	600	1		3	1	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC4V7T1G-6	300	4.7	6%	5	80	500	1		3	2	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC5V1T1G-6	300	5.1	6%	5	60	480	1		2	2	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC5V6T1G-6	300	5.6	6%	5	40	400	1		1	2	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC6V2T1G-6	300	6.2	6%	5	10	150	1		3	4	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC6V8T1G-6	300	6.8	6%	5	15	80	1		2	4	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC7V5T1G-6	300	7.5	6%	5	15	80	1		1	5	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC8V2T1G-6	300	8.2	6%	5	15	80	1		0.7	5	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC9V1T1G-6	300	9.1	6%	5	15	100	1		0.5	6	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC10VT1G-6	300	10	6%	5	20	150	1		0.2	7	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC11VT1G-6	300	11	6%	5	20	150	1		0.1	8	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC12VT1G-6	300	12	6%	5	25	150	1		0.1	8	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC13VT1G-6	300	13	6%	5	30	170	1		0.1	8	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC15VT1G-6	300	15	6%	5	30	200	1		0.1	10.5	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC16VT1G-6	300	16	6%	5	40	200	1		0.1	11.2	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC18VT1G-6	300	18	6%	5	45	225	1		0.1	12.6	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC20VT1G-6	300	20	6%	5	55	225	1		0.1	14	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC22VT1G-6	300	22	6%	5	55	250	1		0.1	15.4	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC24VT1G-6	300	24	6%	5	70	250	1		0.1	16.8	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC27VT1G-6	300	27	6%	2	80	300	0.5		0.1	18.9	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐
BW-TAC30VT1G-6	300	30	6%	2	80	300	0.5		0.1	21	SOT-23	2x2.4x1.3	DC power			☐	☐	☐	☐

产品型号 Part Number	功率 P _{PP} (mW)	稳定电压 V _Z @I _{ZT} (V)	公差 Tolerance	最大稳定电流 I _{ZT} (mA)	动态阻抗 Z _{TT} @I _{ZT} (Ω)	反向阻抗 Z _K @I _{ZK}	反向击穿电流 I _{ZK} (mA)		反向漏流 I _R (μA)	正向压降 V _R (V)	封装 Package	尺寸 Size LxWxH(mm)	应用 Application	内部电路 Circuit	外观 Outline	认证 Certifisate			
																UL497B	UL1449	TUV	CQC
BW-TAC33VT1G-6	300	33	6%	2	80	325	0.5		0.1	23.1	SOT-23	2x2.4x1.3	DC power						
BW-TAC36VT1G-6	300	36	6%	2	90	350	0.5		0.1	25.2	SOT-23	2x2.4x1.3	DC power						
BW-TAC39VT1G-6	300	39	6%	2	130	350	0.5		0.1	27.3	SOT-23	2x2.4x1.3	DC power						
BW-TAC43VT1G-6	300	43	6%	2	100	700	1		0.1	32	SOT-23	2x2.4x1.3	DC power						
BW-D5Z5V1T1G-2	150	5.1	2%	5	60	480	1		2	2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z5V6T1G-2	150	5.6	2%	5	40	400	1		1	2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z6V2T1G-2	150	6.2	2%	5	10	150	1		3	4	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z6V8T1G-2	150	6.8	2%	5	15	80	1		2	4	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z7V5T1G-2	150	7.5	2%	5	15	80	1		1	5	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z8V2T1G-2	150	8.2	2%	5	15	80	1		0.7	5	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z9V1T1G-2	150	9.1	2%	5	15	100	1		0.5	6	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z10VT1G-2	150	10	2%	5	20	150	1		0.2	7	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z11VT1G-2	150	11	2%	5	20	150	1		0.1	8	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z12VT1G-2	150	12	2%	5	25	150	1		0.1	8	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z13VT1G-2	150	13	2%	5	30	170	1		0.1	8	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z15VT1G-2	150	15	2%	5	30	200	1		0.1	10.5	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z16VT1G-2	150	16	2%	5	40	200	1		0.1	11.2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z18VT1G-2	150	18	2%	5	45	225	1		0.1	12.6	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z20VT1G-2	150	20	2%	5	55	225	1		0.1	14	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z2V4T1G-6	150	2.4	6%	5	100	600	1		50	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z2V7T1G-6	150	2.7	6%	5	100	600	1		20	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z3V0T1G-6	150	3	6%	5	95	600	1		10	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z3V3T1G-6	150	3.3	6%	5	95	600	1		5	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z3V6T1G-6	150	3.6	6%	5	90	600	1		5	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z3V9T1G-6	150	3.9	6%	5	90	600	1		3	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z4V3T1G-6	150	4.3	6%	5	90	600	1		3	1	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z4V7T1G-6	150	4.7	6%	5	80	500	1		3	2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z5V1T1G-6	150	5.1	6%	5	60	480	1		2	2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z5V6T1G-6	150	5.6	6%	5	40	400	1		1	2	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z6V2T1G-6	150	6.2	6%	5	10	150	1		3	4	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z6V8T1G-6	150	6.8	6%	5	15	80	1		2	4	SOD-523	1.6x0.8x0.6	DC power						
BW-D5Z7V5T1G-6	150	7.5	6%	5	15	80	1		1	5	SOD-523	1.6x0.8x0.6	DC power						

```

graph TD
    A[Environmental Analysis  
环境分析] --> B[Choose Standard  
标准选择]
    B --> C[Application Guide  
方案设计]
    C --> D[Select Components  
器件选择]
    D --> E[System Test  
方案测试]
    E --> F[Apply & Optimize  
应用优化]
  
```

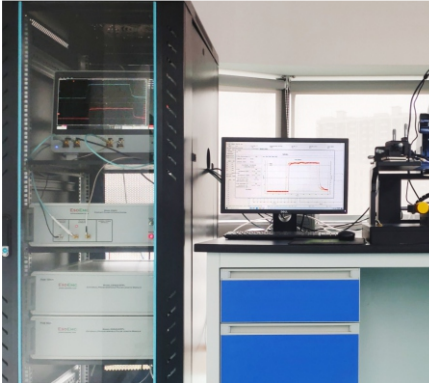
The diagram illustrates the sequential steps of the PCB design process. It consists of seven chevron-shaped boxes arranged vertically. The first three boxes (Environmental Analysis, Choose Standard, and Application Guide) are grey. The fourth box (Select Components) is blue and highlighted. The fifth box (System Test) is grey. The sixth and seventh boxes (Apply & Optimize) are grey. Each box contains two lines of text: the top line is in English and the bottom line is in Chinese.

Surge Lab

模拟雷击发生器
IEC61643-1
Surge Test

8/20μs
0-160kA

10/350μs
0-50kA



TLP测试系统
ANSI/ESD
SMT5.5.1

0.2-10nS上升沿
10~1000nS脉宽
0-100A

雷击浪涌发生器
ITU-T K Series
Surge Test

10/700μs
0-6000V
0-400A

1.2/50μs-8/20μs
0-6000V
0-3000A



汽车电子7637
ISO7637-2:2011
&ISO16750:2010
Surge Test

P1/P2a/P2b/P3a/
P3b/P4a/P5a/P5b

雷击浪涌发生器
IEC61000-4-5
Surge Test

1.2/50μs-8/20μs
0-10kV
0-5000A

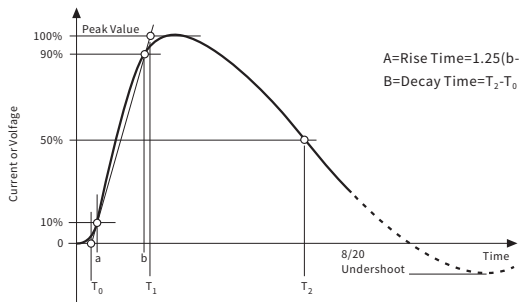


雷击浪涌发生器
IEC61000-4-5
Surge Test

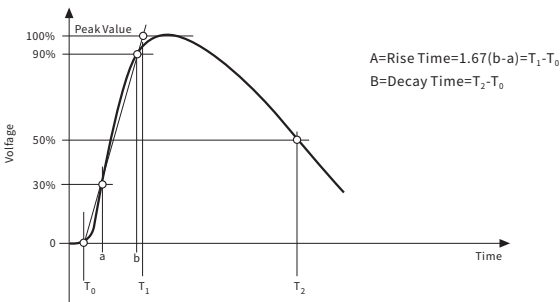
1.2/50μs-8/20μs
0-30kV
0-4500A

供电能力:
AC500V 40A
DC2000V 60A

GR1089-2:2010 Exponential Voltage/Current Waveform of A/B

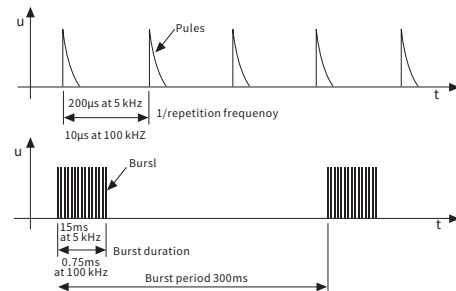


GR1089-2:2010 Double Exponential Voltage/Current Waveform of A/B for 1.2/50 and 10/700 Surges

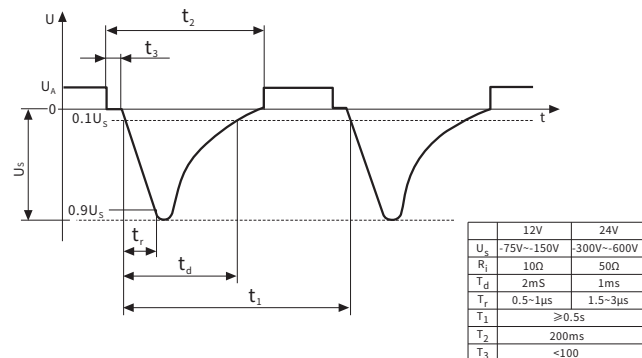


Designation	Condition	Edge	Time and Tolerance	Amplitude
2/10	Open-Circuit Voltage	Rise	2μs+0μs to -1μs	0% to+20%
		Decay	2μs+7μs to -0μs	
	Short-Circuit Current	Rise	2μs+0μs to -1μs	0% to+20%
		Decay	2μs+7μs to -0μs	
1.2/50-8/20 (See Note 1)	Open-Circuit Voltage	Rise	1.2μs±0.36μs	±10%
		Decay	50μs±1.6μs	
	Short-Circuit Current	Rise	8μs±1.6μs	±10% (See Note 2)
		Decay	20μs±4μs	
8/20	Open-Circuit Voltage	Rise	(See Note 3)	(See Note 4)
		Decay	(See Note 3)	
	Short-Circuit Current	Rise	8μs±1.6μs	±10% (See Note 2)
		Decay	20μs±4μs	
10/250	Open-Circuit Voltage	Rise	10μs+0μs to -6.0μs	0% to+16%
		Decay	250μs+150μs to -0μs	
	Short-Circuit Current	Rise	10μs+0μs to -3.0μs	0% to+16%
		Decay	250μs+50μs to -0μs	
10/360	Open-Circuit Voltage	Rise	10μs+0μs to -2.5μs	0% to+15%
		Decay	250μs+108μs to -0μs	
	Short-Circuit Current	Rise	10μs+0μs to -2.5μs	0% to+15%
		Decay	250μs+108μs to -0μs	
10/700 Dual Output Version	Open-Circuit Voltage - Both terminals open	Rise	10μs±3μs	±10%
		Decay	700μs±140μs	
	Open-Circuit Voltage - Other terminal shorted	Rise	5μs±1.5μs	±10%
		Decay	320μs±64μs	
	Short-Circuit Current - Other terminal open	Rise	5μs±1.5μs	±10%
		Decay	320μs±64μs	
	Short-Circuit Current - Both terminals shorted	Rise	4μs±1.2μs	±10%
		Decay	250μs±50μs	
10/1000	Open-Circuit Voltage	Rise	10μs+0μs to -4.0μs	0% to+15%
		Decay	1000μs+500μs to -0μs	
	Short-Circuit Current	Rise	10μs+0μs to -4.0μs	0% to+15%
		Decay	1000μs+500μs to -0μs	
Note 1: Fictive impedance (open-circuit peak voltage value/short-circuit peak current value) 2Ω				
Note 2: Undershoot < 30% of the peak short-circuit value.				
Note 3: Voltage waveshape not defined.				
Note 4: Minimum peak open-circuit voltage defined in test conditions.				

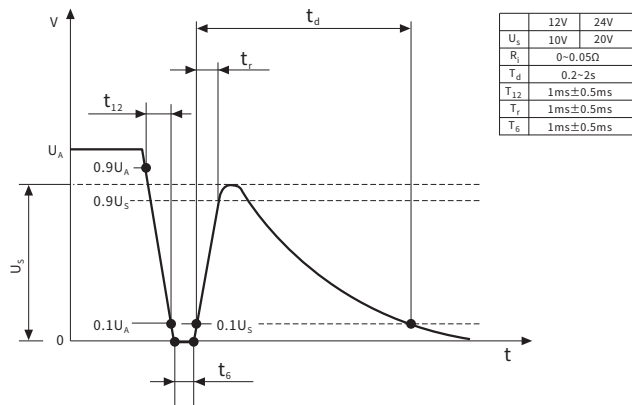
IEC61000-4-4:2012 Representation of an electrical fast transient / burst



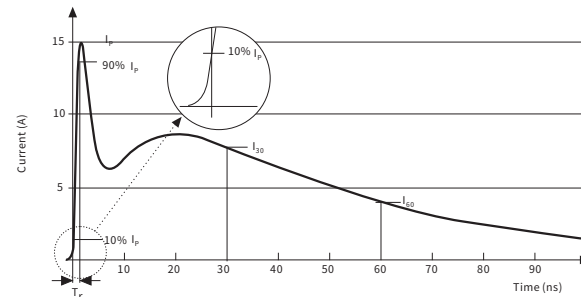
ISO7637-2:2011 Test pulse generator for immunity testing—Test pulse 1



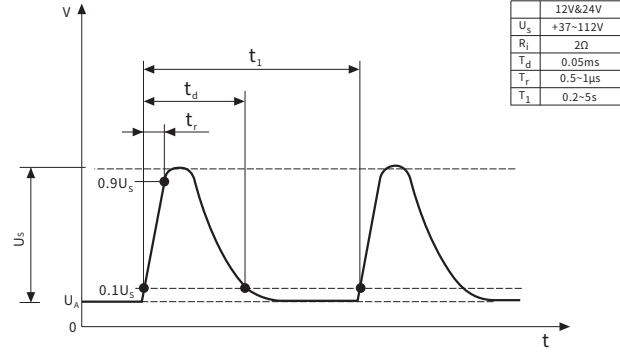
ISO7637-2:2011 Test pulse generator for immunity testing—Test pulse 2b



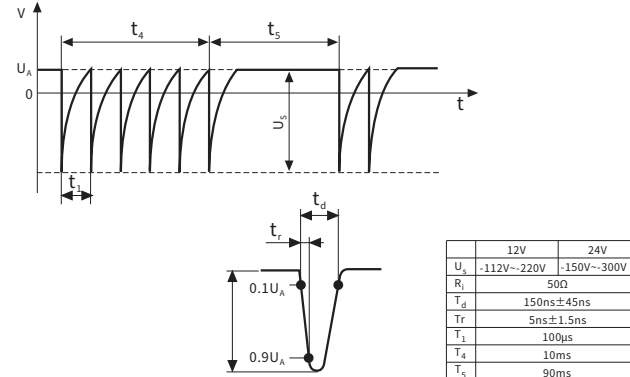
IEC61000-4-2:2008 Ideal contact discharge current waveform at 4 kV



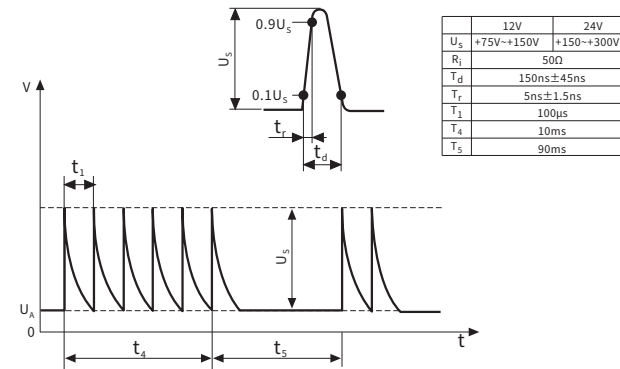
ISO7637-2:2011 Test pulse generator for immunity testing—Test pulse 2a



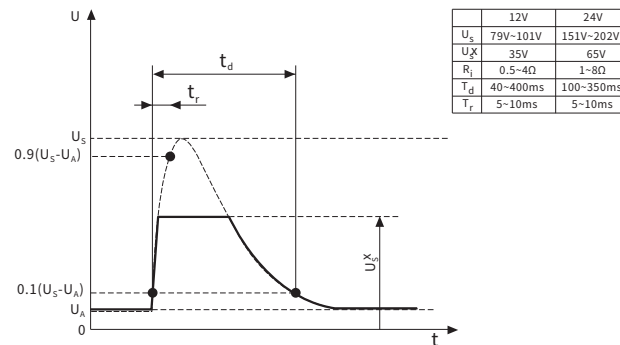
ISO7637-2:2011 Test pulse generator for immunity testing—Test pulse 3a



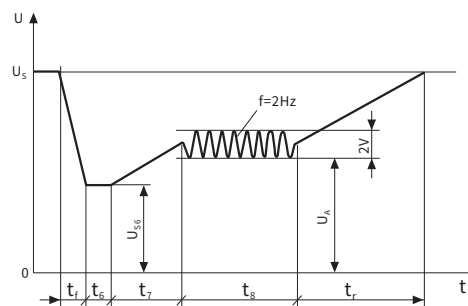
ISO7637-2:2011 Test pulse generator for immunity testing—Test pulse 3b



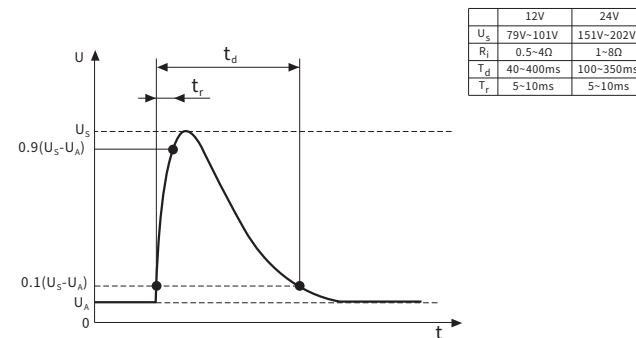
ISO16750-2:2012 Test pulse generator for immunity testing—Test pulse 5b



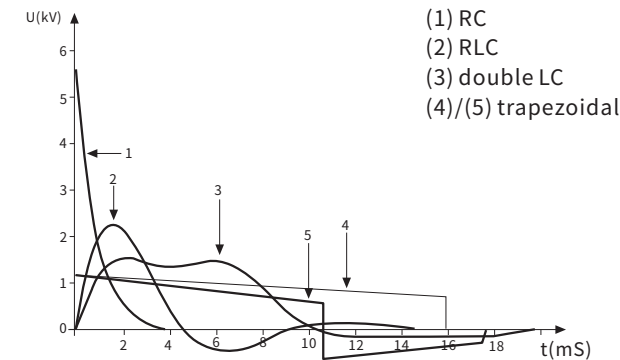
ISO16750-2:2012 Test pulse generator for immunity testing—Test pulse 4



ISO16750-2:2010 Test pulse generator for immunity testing—Test pulse 5a



IEC60601:2008 Response of defibrillator circuits





ISO9001:2015



TS16949:2016



ISO45001:2018



ISO14001:2015

Reliability Lab



RoHS 测试仪
RoHS Tester



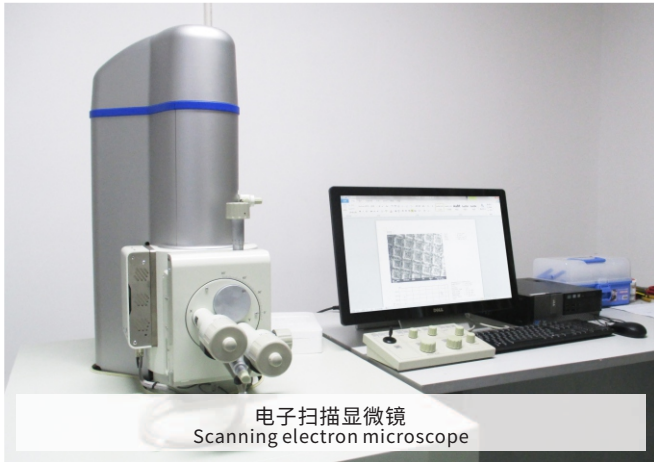
快速温变试验箱
Temperature cycle



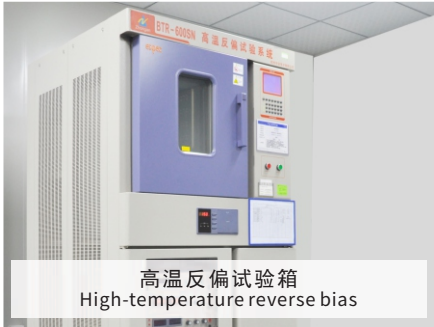
膜厚测试仪
Film thickness tester



X-RAY 透视检验设备
X-RAY perspective detector



电子扫描显微镜
Scanning electron microscope



高温反偏试验箱
High-temperature reverse bias



恒温恒湿试验箱
High temperature and humidity



高加速寿命检测设备
Highly accelerated stress test

Layout Recommended——Trace width

10/700μs—5/320μs(40Ω) 1kV-6kV

Voltage(kV)	Copper thickness(OZ)	Trace widths@Surface(mil)	Test times
1	1	5	±30
3		8	±30
4		10	±30
5		12	±30
6		15	±30
4	2	5	±30
6		8	±30

8/20μs 0.5kA-10kA(1OZ)

Current(kA)	Trace widths @Surface(mil)	Trace widths@Inlayer (mil)	Test times
0.5	12	20	±30
1	30	40	±30
1.5	30	60	±30
2	40	80	±30
2.5	50	100	±30
3	80	100	±30
3.5	80	140	±30
4	80	180	±30
4.5	100	180	±30
5	100	200	±30
5.5	120	240	±30
6	120	250	±30
6.5	200	300	±30
7	200	300	±30
7.5	200	360	±30
8	200	360	±30
8.5	200	360	±30
9	250	360	±30
9.5	250	400	±30
10	250	400	±30

Layout Recommended——Via

8/20μs 1kA-15kA

Number of holes	Hole size:OD/ID (mm)	Allowable current range (kA)	Test times
1	1/0.3	1	±10
	1/0.4	1.5	±10
	1/0.5	2	±10
	1.2/0.6	2.5	±10
	1.4/0.7	3	±10
	1.6/0.8	3	±10
2	1/0.3	2	±10
	1/0.4	3.5	±10
	1/0.5	4	±10
	1.2/0.6	5	±10
	1.4/0.7	6	±10
4	1.6/0.8	6	±10
	1/0.3	4	±10
	1/0.4	7	±10
	1/0.5	9	±10
	1.2/0.6	11	±10
	1.4/0.7	13	±10
6	1.6/0.8	14	±10
	1/0.3	6	±10
	1/0.4	9	±10
	1/0.5	12	±10
	1.2/0.6	12	±10
	1.4/0.7	13	±10
	1.6/0.8	14	±10

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