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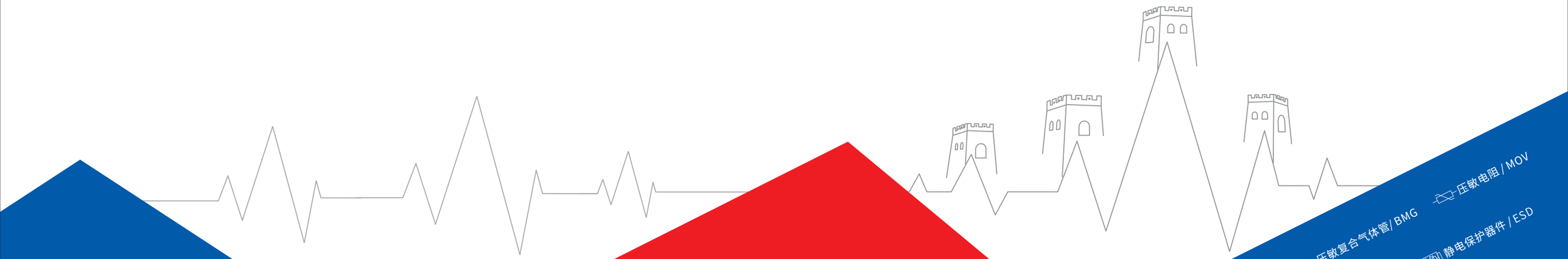
Bencent® 槟城电子

V202203



陶瓷气体放电管 / GDT
混涌保护器 / 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
可控硅 / SCR
TVS复合TSS / BVS

企业简介 / Enterprise Profile

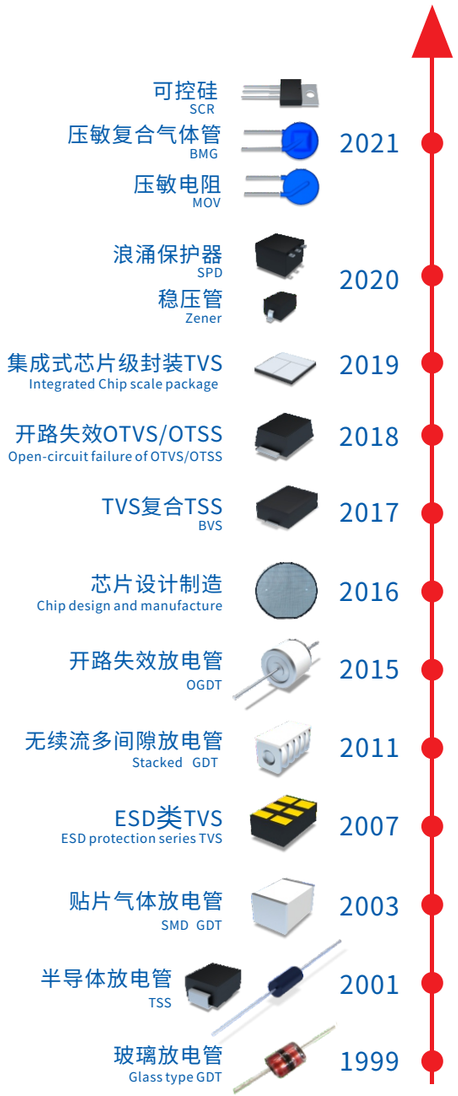
槟城电子成立于1999年，是专业的防护元器件及创新解决方案提供商，产品包括陶瓷气体放电管、半导体放电管、瞬态抑制二极管、静电保护器件、复合器件、浪涌保护器、压敏电阻、稳压管、可控硅、半导体芯片等。产品广泛应用于通讯、安防、消费电子、工业、医疗、汽车、新能源等领域。是华为、诺基亚、三星、海康、联想、富士康、松下、格力、美的、英飞特、比亚迪等国内外知名企业的首选供应商。

As a Professional provider of Surge Protection Components and Innovative Solutions, Shenzhen Bencent Electronics Co., Ltd was established in 1999, its product range cover GDT, TSS, TVS, ESD, MOV, SPD, Zener, SCR, Hybrid Devices and semiconductor chips, etc. Bencent components are widely used in industries include communication, security, Consumer Electronics, industrial, medical electronics, automotive electronics and alternative energy.Bencnet electronics has taken pride in becoming preferred supplier with priority to HUAWEI, NOKIA, SAMSUNG, LENOVO, FOXCONN, HIKVISION, PANASONIC, GREE, MIDEA, INVENTRONICS and BYD.

Bencent® 槟城电子

深圳·槟城电子 (总部) Bencent·SZ	东莞·槟盛电子 Bencent·DG	马鞍山·槟城电子 Bencent·MAS	马鞍山·大鹏半导体 Dapeng·MAS
方案设计咨询 / 测试	GDT / SPD / MOV / 复合器件	4吋半导体芯片 / 封测 TVS / TSS	6吋半导体芯片 / 封测 ESD / SCR / ZENER

企业成长 / Enterprise Growth



2021 CHNT正泰 GROWATT 古瑞瓦特 海微科技 HIGHWAY TECHNOLOGY 固德威 GOODWE

2020 BYD 青鸟消防 JADE BIRD FIRE INVENTRONICS 英飞特电子

2019 GREE格力 美的 Midea

2018 SAMSUNG

2017 NOKIA

2012 Panasonic

2008 lenovo

2007 HIKVISION

2006 FOXCONN®

2005 HUAWEI

2004 SIEMENS

防护方案 | GDT | SPD | BMG | MOV | TSS | TVS | BVS | ESD | Zener | SCR

新产品 / What's New?

BVS

BVS-SMEJ8685CA-H

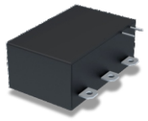
I_{PP}≥10KA@8/20μs V_{DRM}≥75V
Pin1to Pin 2 is TVS
Pin2 to Pin1 is TSS
18.3x14.0x7.0mm Page 117

Circuit

DC POWER

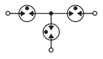
AUU

SPD



BSPD230C20PF-02

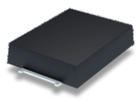
U_C=230V I_N=20KA(8/20μs)
U_P<2.0KV(L→N/L→PE/N→PE)
38.5x16.4x24mm Page 45


Circuit

AC POWER

PAD Power

SMK



BV-SMKJ75CA

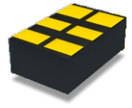
8/20μs 3KA@90℃
V_{BR}≥85V
V_C≤140V
10.5x8.2x2.2mm
Page 103

Circuit

DC POWER

RRU

LOW-C_0 ESD



BV-FE03U2A

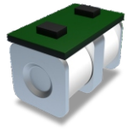
C_0=0.25pF@1MHz
IPP>4A(8/20μs)
1.6x1.0x0.55mm Page 107

Circuit

RJ45-10G

Switch

BXD



BXD3000SA03M03

V_{BR}≥2400V V_{impuls}≤2700V
I_{PP}>3KA(8/20μs)
Hi-pot≥1500V
9.0x5.5x7.0mm Page 43

Circuit

AC POWER

Adapter

OGDT

BGO6000A05-LC2

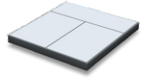
1.2/50-8/20μs 10KV-5KA
AC 1A-30A Failsafe
V_{BR}≥480V
Φ8.0x7.0mm Page 43

Circuit

AC POWER

Charging stations

BCCSP



BCCSP-58C-654K

pin 1 to pin2 to pin3 V_{DRM}=58V
H=0.6mm CSP Package
IPP>4KV(10/700μs)
6.5x6.5x0.6mm Page 103

Circuit

RJ45

POE Switch

BMG

BMG20D471K102Y

I_{PP}=5KA@8/20μs
Low Clamping Voltage
V_{BR}≥600V
20x17x9mm Page 47

Circuit

AC POWER

Air conditioner

MOV

BMOV20D511KJ

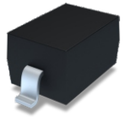
V_{BR}≥459V
I_{PP}=10KA(8/20μs ±15T)
25x23x11mm Page 65

Circuit

AC POWER

Adapter

Zener



BW-D1G5V6T1G-5

V_Z=5.6V±5%
P_D>500mW
3.6x1.55x1.2mm Page 123

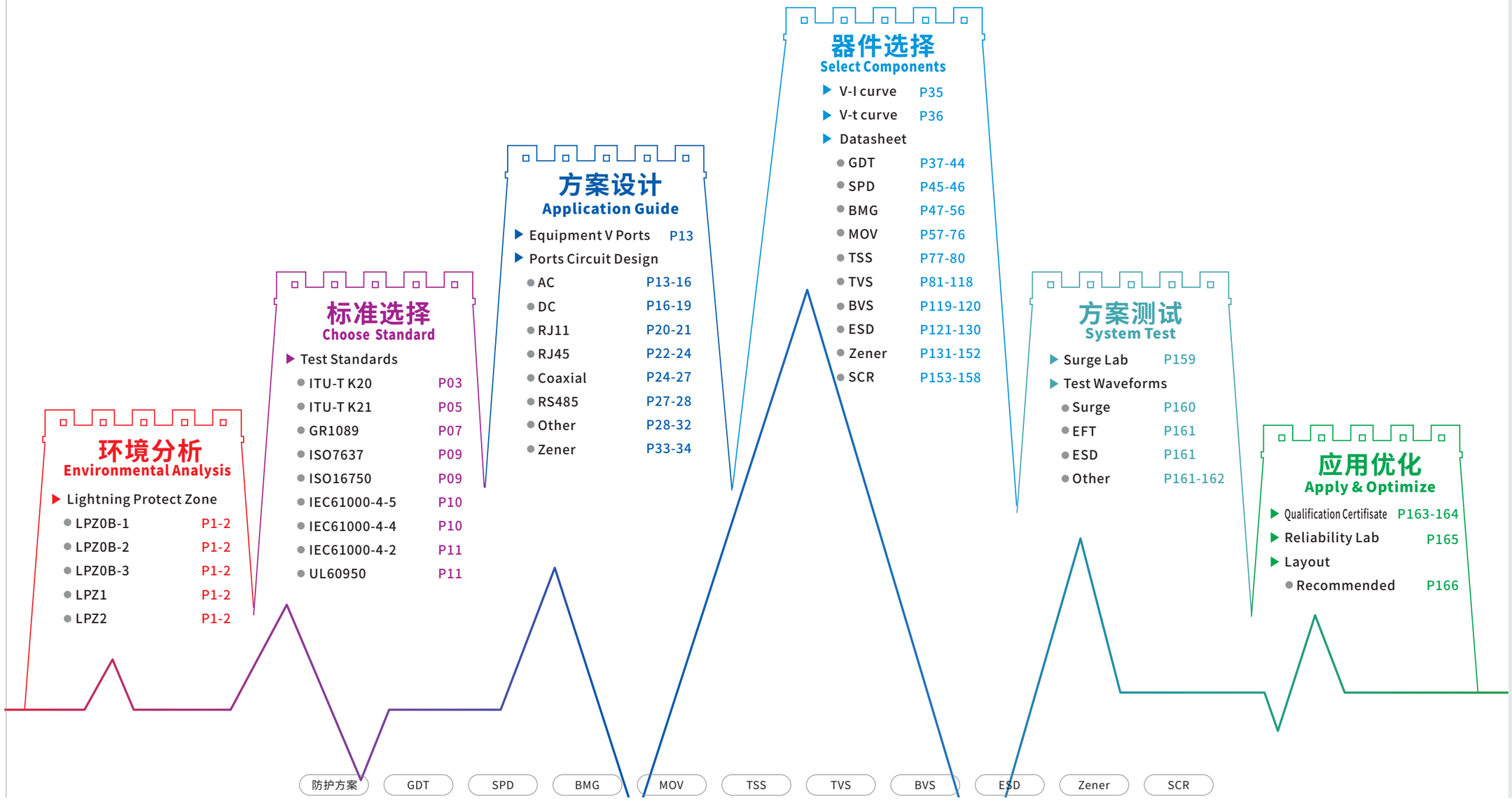
Circuit

DC POWER

Adapter

防护方案 GDT SPD BMG MOV TSS TVS BVS ESD Zener SCR

防护六步法 / Six—Steps to Success



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 K20 P03
  - ITU-T K21 P05
  - GR1089 P07
  - ISO7637 P09
  - ISO16750 P09
  - IEC61000-4-5 P10
  - IEC61000-4-4 P10
  - IEC61000-4-2 P11
  - UL60950 P11

方案设计
Application Guide

- Equipment V Ports P13
- Ports Circuit Design
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  - DC P16-19
  - RJ11 P20-21
  - RJ45 P22-24
  - Coaxial P24-27
  - RS485 P27-28
  - Other P28-32
  - Zener P33-34

器件选择
Select Components

- V-I curve P35
- V-t curve P36
- Datasheet
  - GDT P37-44
  - SPD P45-46
  - BMG P47-56
  - MOV P57-76
  - TSS P77-80
  - TVS P81-118
  - BVS P119-120
  - ESD P121-130
  - Zener P131-152
  - SCR P153-158

方案测试
System Test

- Surge Lab P159
- Test Waveforms
  - Surge P160
  - EFT P161
  - ESD P161
  - Other P161-162

应用优化
Apply & Optimize

- Qualification Certifisate P163-164
- Reliability Lab P165
- Layout
  - Recommended P166

防护方案 | GDT | SPD | BMG | MOV | TSS | TVS | BVS | ESD | Zener | SCR

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P01-P02 环境分析 Environmental Analysis

P03-P11 标准选择 Choose Standard

P12-P34 方案设计 Application Guide

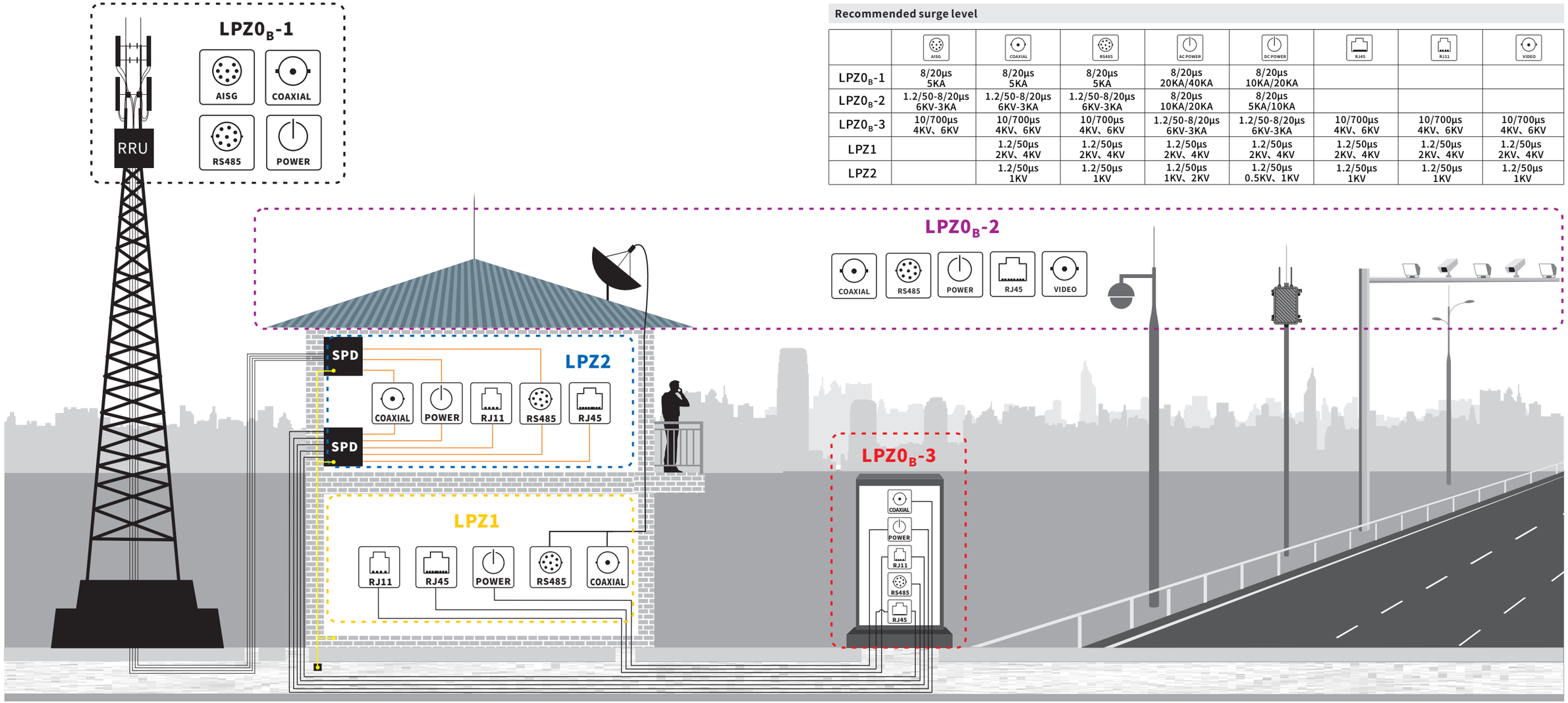
P35-P158 器件选择 Select Components

P159-P162 方案测试 System Test

P163-P166 应用优化 Apply & Optimize

Recommended surge level

	AISG	COAXIAL	RS485	AC POWER	DC POWER	RJ45	RJ11	VIDEO
$LPZ0_B$-1	8/20μs 5KA	8/20μs 5KA	8/20μs 5KA	8/20μs 20KA/40KA	8/20μs 10KA/20KA			
$LPZ0_B$-2	1.2/50-8/20μs 6KV-3KA	1.2/50-8/20μs 6KV-3KA	1.2/50-8/20μs 6KV-3KA	8/20μs 10KA/20KA	8/20μs 5KA/10KA			
$LPZ0_B$-3	10/700μs 4KV、6KV	10/700μs 4KV、6KV	10/700μs 4KV、6KV	1.2/50-8/20μs 6KV-3KA	1.2/50-8/20μs 6KV-3KA	10/700μs 4KV、6KV	10/700μs 4KV、6KV	10/700μs 4KV、6KV
LPZ1		1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV	1.2/50μs 2KV、4KV
LPZ2		1.2/50μs 1KV	1.2/50μs 1KV	1.2/50μs 1KV、2KV	1.2/50μs 0.5KV、1KV	1.2/50μs 1KV	1.2/50μs 1KV	1.2/50μs 1KV



$LPZ0_B$-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 2019) Resistibility of telecommunication equipment installed in a telecommunication centre voltages and overcurrents

Table 1a – Applicable tests for external ports

Test type	No. of pairs simult aneously tested	Test connections	Primary protection	Port type: Symmetric port – Basic test levels (also see clause 7 of [ITU-T K.44])	Symmetric port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Co-axial port – Basic test levels (also see clause 7 of [ITU-T K.44])	Co-axial port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Dedicated power feed port – Basic test levels (also see clause 7 of [ITU-T K.44])	Dedicated power feed port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Mains power port – Basic test levels (also see clause 7 of [ITU-T K.44])	Mains power port – 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	
	Ethernet unshielded twisted pair (UTPE)	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	
		Tpower 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	
	Ethernet shielded twisted pair (STPE)	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	
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		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	
		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 simult aneously tested	Test connections	Primary protection	Port type: Symmetric port – Basic test levels (also see clause 7 of [ITU-T K.44])	Symmetric port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Co-axial port – Basic test levels (also see clause 7 of [ITU-T K.44])	Co-axial port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Dedicated power feed port – Basic test levels (also see clause 7 of [ITU-T K.44])	Dedicated power feed port – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Mains power port – Basic test levels (also see clause 7 of [ITU-T K.44])	Mains power port – 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	
	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/ differential	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		AC600V200Ω A.6.4-2 t=1s	AC1500V200Ω A.6.4-2 t=1s
		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/ differential	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 – Basic test levels (also see clause 7 of [ITU-T K.44])	Unshielded cable – Intermediate test levels (also see clause 7 of [ITU-T K.44])	Unshielded cable – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Shielded cable – Basic test levels (also see clause 7 of [ITU-T K.44])	Shielded cable – Intermediate test levels (also see clause 7 of [ITU-T K.44]))	Shielded cable – Enhanced test l evels (also see clauses 5 and 7 of [ITU-T K.44])	PoE feed – Basic test levels (also see clause 7 of [ITU-T K.44])	PoE feed – Intermediate test levels (also see clause 7 of [ITU-T K.44])	PoE feed – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	DC powered equipment – Basic test levels (also see clause 7 of [ITU-T K.44])	DC powered equipment – Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	DC power source – Basic test levels (also see clause 7 of [ITU -T K.44])	DC power source – 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							
	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 1.5KV 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 +9μF 1.5KV A.6.6-1b
Multiple	Unshielded cable with symmetric pairs	No	1.2/50-8/20μs2Ω+ 10Ω 1KV A.6.5-1		1.2/50-8/20μs2Ω+ 10Ω 1.5KV A.6.5-1										
	PoE Mode A and Mode B transverse testing	No							1.2/50-8/20μs2Ω+ 10Ω +10Ω2.5KV A.6.7-2	11.2/50-8/20μs 2Ω+10Ω +10 Ω4KV A.6.7-2	1.2/50-8/20μs2Ω+ 10Ω +10Ω6KV A.6.7-2				
	UTPE port rated impulse voltage	No	11.2/50-8/20μs2Ω+ 5Ω 2.5KV A.6.7-3a	1.2/50-8/20μs2Ω+ 5Ω 4KV A.6.7-3a	1.2/50-8/20μs2Ω+ 5Ω 6KV A.6.7-3a										

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Table 1a – Applicable tests for external ports

Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Symmetric 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 1.5KV 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 1.5KV 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 1.5KV A.6.1-2	10/700μs 15+25Ω 6KV A.6.1-2	n/a		10/700μs 15+25Ω 1.5KV 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	10/700μs 15+25Ω 1.5KV A.6.1-3	10/700μs 15+25Ω 6KV A.6.1-3	n/a		10/700μs 15+25Ω 1.5KV A.6.3-3	10/700μs 15+25Ω 6KV A.6.3-3	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 6KV A.6.1-1 (a and b)	1.2/50 – 8/20μs 2Ω 4KV A.6.2-1	1.2/50 – 8/20μs 2Ω 6KV A.6.2-1	10/700μs 15+25Ω 4KV A.6.3-1 (a and b)	10/700μs 15+25Ω 6KV 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 6KV A.6.1-2	n/a		10/700μs 15+25Ω 4KV A.6.3-2	10/700μs 15+25Ω 6KV 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	10/700μs 15+25Ω 4KV A.6.1-3	10/700μs 15+25Ω 6KV A.6.1-3	n/a		10/700μs 15+25Ω 4KV A.6.3-3	10/700μs 15+25Ω 6KV A.6.3-3	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 xternal port	No	10/700μs 15+25Ω 1.5KV A.6.1-5	10/700μs 15+25Ω 1.5KV A.6.1-5	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	10/700μs 15+25Ω 4KV A.6.1-5	10/700μs 15+25Ω 6KV A.6.1-5	n/a			n/a		n/a
	Ethernet nshielded twisted pair (UTPE)	Port to external port	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/ differential	No	1.2/50μs 2+10Ω+10Ω 2.5KV A.6.7-5	1.2/50μs 2+10Ω+10Ω 6KV 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 2.5KV A.6.7-2	1.2/50μs 2+10Ω+10Ω 6KV A.6.7-2	n/a			n/a		n/a
	Ethernet shielded twisted pair (STPE)	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
		Port to earth	No	1.2/50μs 2+10Ω 2.5KV A.6.7-4	1.2/50μs 2+10Ω 2.5KV A.6.7-4				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+5Ω 2.5KV A.6.7-3a	8/20μs A.6.1-4 5 kA/wire limited 30KA 1.2/50μs 2+5Ω 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		Symmetric 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	AC600V600Ω A.6.1-1(a and b) t=0.2s					Understudy	AC600V600Ω A.6.3-1(a and b) t=0.2s			n/a
		Port to earth	No	AC600V600Ω A.6.1-2 t=0.2s					n/a	AC600V600Ω A.6.3-2 t=0.2s			5.2.1 understudy
		Port to external port	No	AC600V600Ω A.6.1-3 t=0.2s					n/a	AC600V600Ω A.6.3-3 t=0.2s			5.2.1 understudy
		Coordination Transverse/ differential	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	AC600V600Ω A.6.1-3 t=1s	AC1500V200Ω A.6.1-3 t=2s				n/a	AC600V600Ω A.6.3-3 t=1s	AC1500V200Ω A.6.3-3 t=2s		n/a
Neutral potential rise	Single	Port to earth	No	n/a					n/a		n/a	AC600V600Ω A.6.4-2 t=1s	AC1500V200Ω A.6.4-2 t=1s
		Port to external port	No	n/a					n/a		n/a	AC600V600Ω A.6.4-3 t=1s	AC1500V200Ω A.6.4-3 t=1s
Mains power contact	Single	Transverse/ differential	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	AC230V10/20/40/80/160/300/600/1000Ω A.6.1-3 t=15min					n/a	AC230V10/20/40/80/160/300/600/1000Ω 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		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							
	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							
	STPE simultaneous port to earth	No				1.2/50-8/20μs2Ω+ 5Ω 2.5KV A.6.7-6	1.2/50-8/20μs2Ω +5Ω 4KV A.6.7-6	1.2/50-8/20μs2Ω+ 5Ω 6KV A.6.7-6							
	UTPE/STPE 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							
	DC powered equipment port	No										1.2/50-8/20μs 2Ω+10Ω +9μF 1KV A.6.6-1a	1.2/50-8/20μs 2Ω+10Ω +9μF 1.5KV A.6.6-1a		
	DC power source port	No												1.2/50-8/20μs 2Ω+10Ω +9μF 1KV A.6.6-1b	1.2/50-8/20μs 2Ω+10Ω +9μF 1.5KV A.6.6-1b
Multiple	Unshielded cable with symmetric pairs	No	1.2/50-8/20μs2Ω+ 10Ω 1KV A.6.5-1		1.2/50-8/20μs2Ω+ 10Ω 1.5KV A.6.5-1										
	PoE Mode A and Mode B transverse testing	No							B1.2/50-8/20μs2Ω +10Ω +10Ω2.5KV A.6.7-2	1.2/50-8/20μs2Ω+ 10Ω +10Ω4KV A.6.7-2	1.2/50-8/20μs 2Ω+10Ω +10Ω 6KV A.6.7-2				
	UTPE port rated impulse voltage	No	1.2/50-8/20μs2Ω+ 5Ω 2.5KV A.6.7-3a	1.2/50-8/20μs2Ω+ 5Ω 4KV A.6.7-3a	1.2/50-8/20μs2Ω+ 5Ω 6KV A.6.7-3a										

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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
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	1,3,3b/5b,5	Gas Tube Interaction Test	±4000	SeeFigure 4-6	10/700 voltage 5/310 current	25	5	(A5 and A6) orB
4	3,5	Inductive Kick Test for OSP Interfaces	±2500	500	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 to 2 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 to 2 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
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	2	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
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
21.1	7	AC Power Port with Secondary Protector	±Vs	3000(at 6000 V)	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	3a/5a,8b	Voltage Limiting for Intra-Site Cell Site Ports (Longitudinal)	±2500	Minimum peak short-circuit current per port is 5000 A.	8/20current	N/A	5	B

1=CO OSP Cable Ports, 2=CO Intra-building Cable Ports, 3=CO Intra-building Cable Ports, 3a/5a=Non-CO Intra-Building Ports, 3b/5b=Short Reach OSP Cable Ports, 4=Intra-Cell Site Cable 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, 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 4-1
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
2.1	7	Lightning to AC Power Port With Secondary Protectors	±Vs	3000(at 6000 V)	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
3a		+150	+300	+112	+220	+75	+150	1h	90ms	100ms

a: Test pulses as in 5.6
b: Values agreed between vehicle manufacturer and equipment suppller.
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.

ISO16750-2:2012 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	U_{S6}	8(-0.2)	10(-0.2)	4.5(-0.2)	8(-0.2)	3(-0.2)	6(-0.2)	6(-0.2)
	U_S	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)
	t6	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)
	t7	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)
	t8	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: $U_S$min = 6 V; $U_S$max = 16 V (see Table 1, Code A).
b: $U_S$min = 8 V; $U_S$max = 16 V (see Table 1, Code B).
c: $U_S$min = 9 V; $U_S$max = 16 V (see Table 1, Code C).
d: $U_s$min = 10.5 V; $U_s$max = 16 V (see Table 1, Code D).
e: $U_S$min = 10 V; $U_S$max = 32 V (see Table 2, Code E).
f : $U_S$min = 16 V; $U_S$max = 32 V (see Table 2, Code F).
g: $U_S$min = 22 V; $U_S$max = 32 V (see Table 2, Code G).
h: $U_S$min = 18 V; $U_S$max = 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
	U_N=12V	U_N=24V	
U_s[a] (V)	79⩽U_S⩽101	151⩽U_S⩽202	10 pulses at 1 min intervals
R_i[a] (Ω)	0.5⩽R_i⩽4	1⩽Ri⩽8	
t_d (ms)	40⩽t_d⩽400	100⩽t_d⩽350	
t_d (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 thededicated equipment specification. If higher voltages than those shown are specified, special test equipment may be needed.

UL60950-1:2013 Information Technology Equipment – Safety – Part 1: General Requirements

Test voltages for eletric strength tests based on peak working voltages part 1

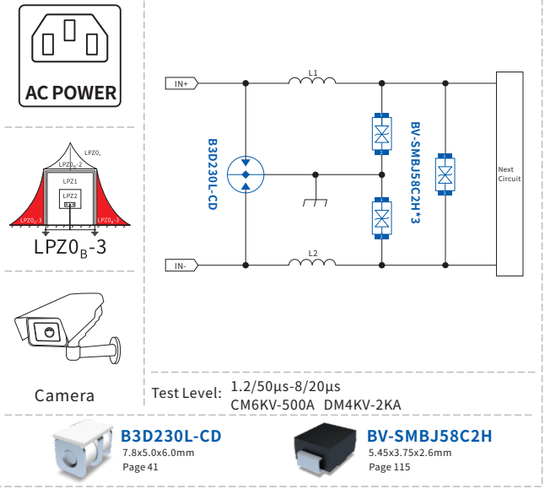
Grade of insulation	Points of application（as appropriate）						
	PRIMARY CIRCUIT to BODY PRIMARY CIRCUIT to SECONDARY CIRCUIT between Parts in PRIMARY CIRCUIT					SECONDARY CIRCUIT to BODY between independent SECONDARY CIRCUITS	
	WORKING VOLTAGE VPEAK OR DC					WORKING VOLTAGE V	
	U≤210Vpeak or d.c.[2]	210V＜U≤420V peak or d.c.3)	420＜U≤ 1.41KVpeak or d.c.	1.41KV＜U≤ 10KVpeak or d.c.[4]	10KV＜U≤ 50KVpeak or d.c.	U≤42.4Vpeak or 60V d.c.	42.4V peak or 60Vd.c.＜U≤10KVpeak 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 420 V 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		●		●	●	●	●		
	LCD TV		●		●	●	●	●		
Industrial	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					●				

AC24V/DC12V

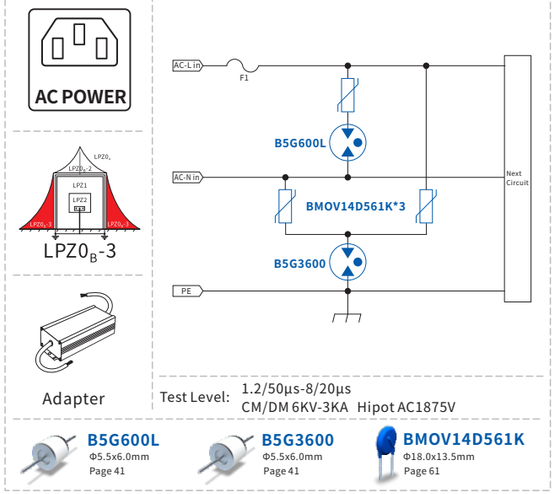


Test Level: 1.2/50μs-8/20μs
CM6KV-500A DM4KV-2KA

B3D230L-CD
7.8x5.0x6.0mm
Page 41

BV-SMBJ58C2H
5.45x3.75x2.6mm
Page 115

AC90-264V



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

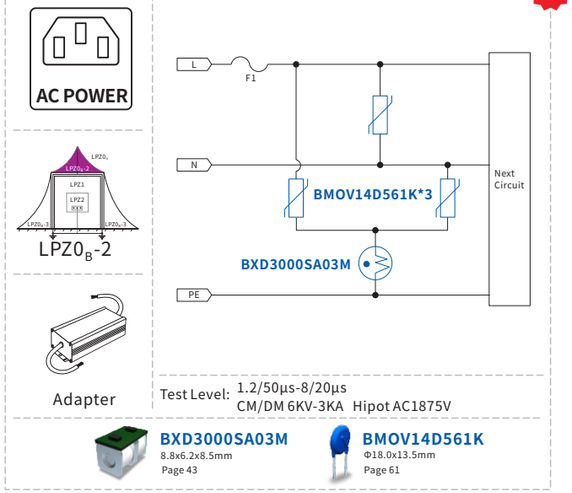
B5G600L
Φ5.5x6.0mm
Page 41

B5G3600
Φ5.5x6.0mm
Page 41

BMOV14D561K
Φ18.0x13.5mm
Page 61

AC90-264V

NEW

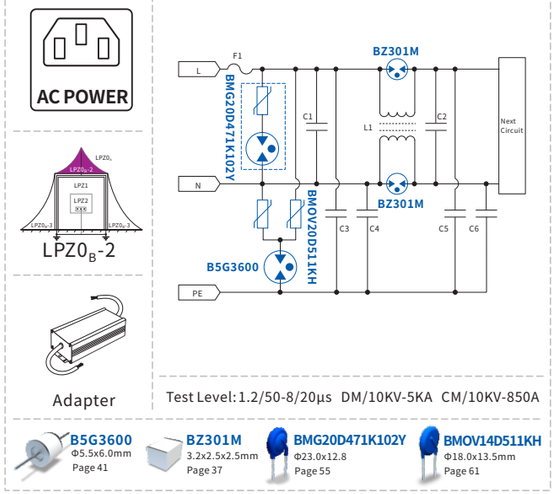


Test Level: 1.2/50μs-8/20μs
CM/DM 6KV-3KA Hipot AC1875V

BXD3000SA03M
8.8x6.2x8.5mm
Page 43

BMOV14D561K
Φ18.0x13.5mm
Page 61

AC 90-305V



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

B5G3600
Φ5.5x6.0mm
Page 41

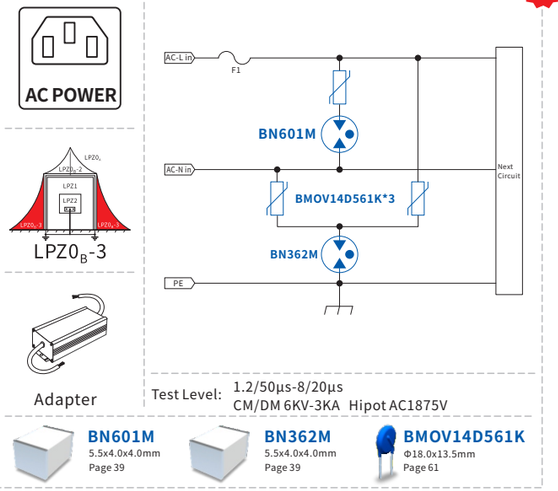
BZ301M
3.2x2.5x2.5mm
Page 37

BMG20D471K102Y
Φ23.0x12.8
Page 55

BMOV14D511KH
Φ18.0x13.5mm
Page 61

AC90-264V

NEW



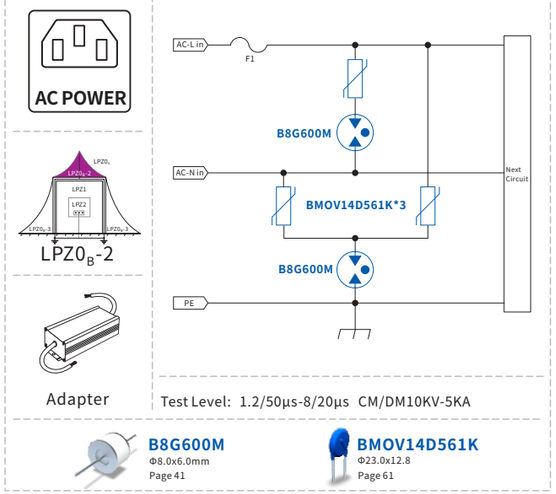
Test Level: 1.2/50μs-8/20μs
CM/DM 6KV-3KA Hipot AC1875V

BN601M
5.5x4.0x4.0mm
Page 39

BN362M
5.5x4.0x4.0mm
Page 39

BMOV14D561K
Φ18.0x13.5mm
Page 61

AC90-264V



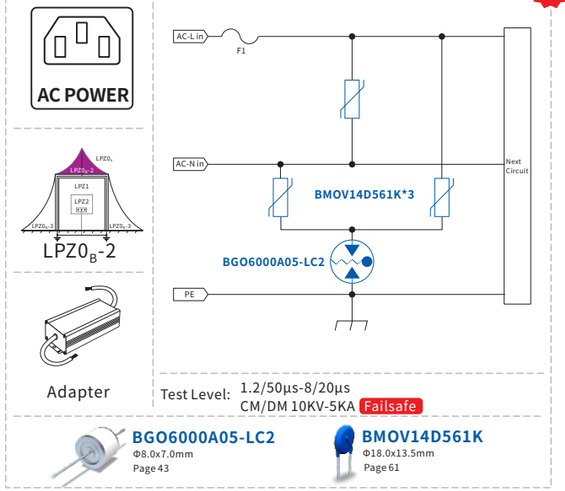
Test Level: 1.2/50μs-8/20μs CM/DM10KV-5KA

B8G600M
Φ8.0x6.0mm
Page 41

BMOV14D561K
Φ23.0x12.8
Page 61

AC90-264V

NEW

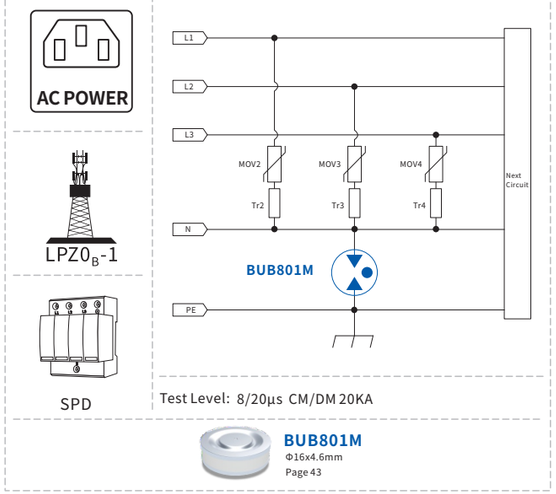


Test Level: 1.2/50μs-8/20μs
CM/DM 10KV-5KA Failsafe

BGO6000A05-LC2
Φ8.0x7.0mm
Page 43

BMOV14D561K
Φ18.0x13.5mm
Page 61

SPD AC380-264V



Test Level: 8/20μs CM/DM 20KA

BUB801M
Φ16x4.6mm
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.

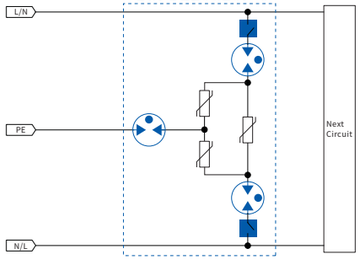
AC90-250V

NEW

AC POWER

LPZ0$_B$-1

PAD Power



Test Level: 8/20μs CM/DM 20KA

BSPD220C20P-6
41.6x31x38.2mm
Page 45

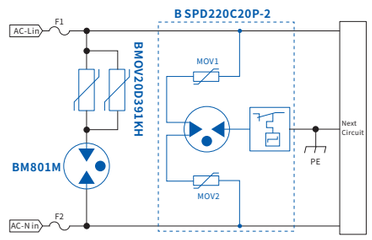
AC90-300V

NEW

AC POWER

LPZ0$_B$-1

Adapter



Test Level: 8/20μs CM/DM 20KA

BSPD220C20P-1
41x30.5x27.2mm
Page 45

BM801M
8.3x8.3x6.0mm
Page 41

BMOV20D391KH
Φ23.0x12.8
Page 63

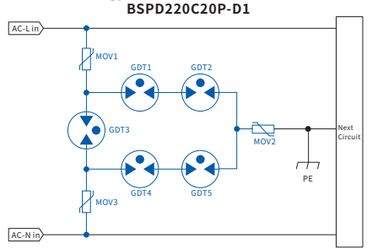
AC90-264V

NEW

AC POWER

LPZ0$_B$-1

Adapter



Test Level: 8/20μs CM/DM 20KA

BSPD220C20P-D
41.5x16x25mm
Page 45

BSPD220C20P-D1
41.5x27x16mm
Page 45

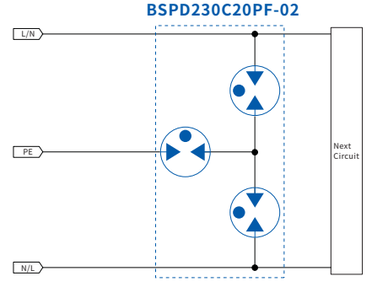
AC90-264V

NEW

AC POWER

LPZ0$_B$-1

PAD Power



Test Level: 8/20μs CM/DM 20KA

BSPD230C20PF-02
38.5x16.4x24mm
Page 45

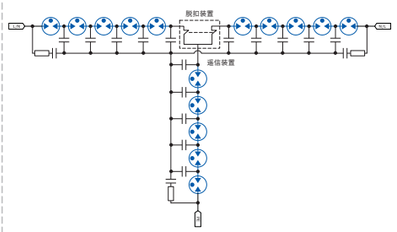
AC90-250V

NEW

AC POWER

LPZ0$_B$-1

Adapter



Test Level: 8/20μs CM/DM 20KA

BSPD230C20PF-01
40.8x38x18.8mm
Page 45

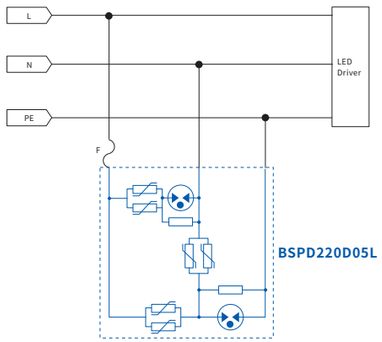
AC90-264V

NEW

AC POWER

LPZ0$_B$-2

Lamp



Test Level: 8/20μs CM/DM 5KA

BSPD220D05L
45x28x20mm
Page 45

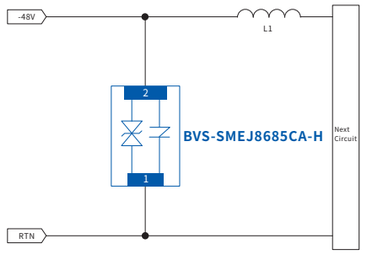
DC 48V

NEW

DC POWER

LPZ0$_B$-1

AAU



Test Level: 8/20μs 10KA

BVS-SMEJ8685CA-H
18.3x14.0x7.0mm
Page 119

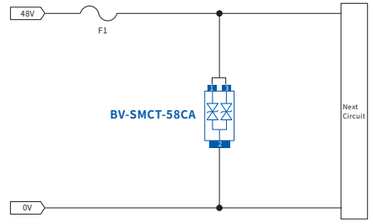
DC48V

NEW

DC POWER

LPZ1

BBU



Test Level: 1.2/50μs-8/20μs CM/DM 2KV-1KA

BV-SMCT-58CA
8.0x5.9x2.0mm
Page 115

Notes: CM=Common Mode / DM=Differential Mode

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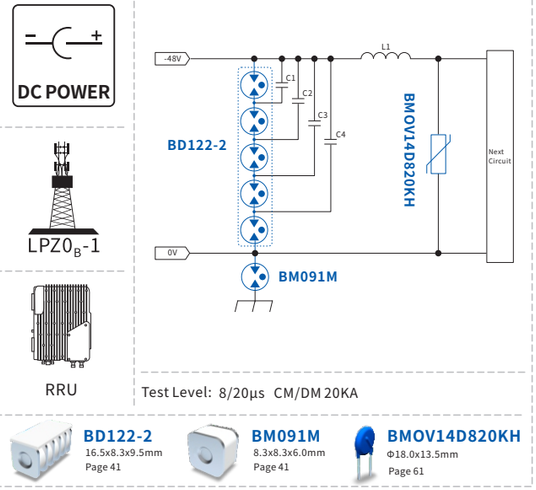
DC48V



Test Level: 8/20μs CM/DM 20KA

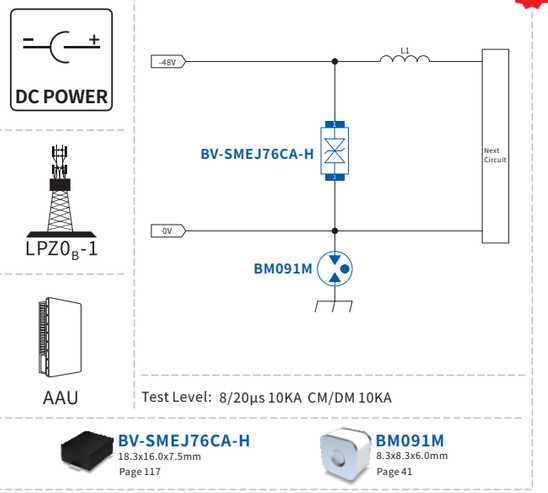
BD122-2
16.5x8.3x9.5mm
Page 41

BM091M
8.3x8.3x6.0mm
Page 41

BMOV14D820KH
Φ18.0x13.5mm
Page 61

DC 48V

NEW

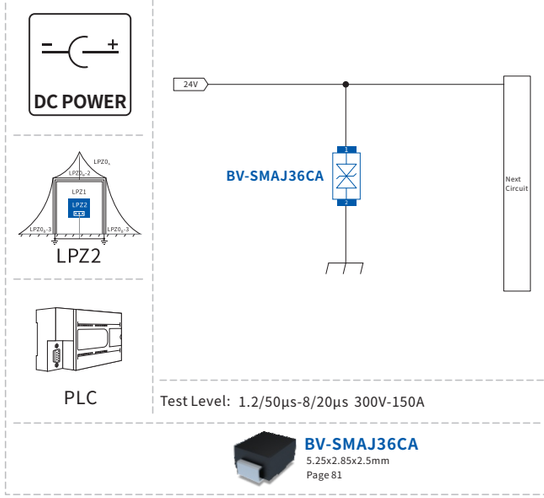


Test Level: 8/20μs 10KA CM/DM 10KA

BV-SMEJ76CA-H
18.3x16.0x7.5mm
Page 117

BM091M
8.3x8.3x6.0mm
Page 41

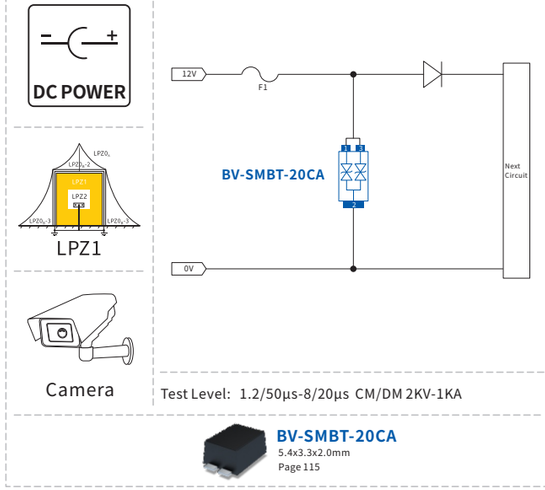
DC24V



Test Level: 1.2/50μs-8/20μs 300V-150A

BV-SMAJ36CA
5.25x2.85x2.5mm
Page 81

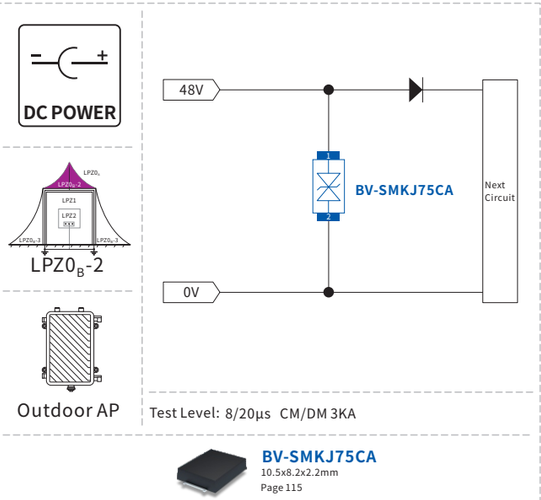
DC12V



Test Level: 1.2/50μs-8/20μs CM/DM 2KV-1KA

BV-SMBT-20CA
5.4x3.3x2.0mm
Page 115

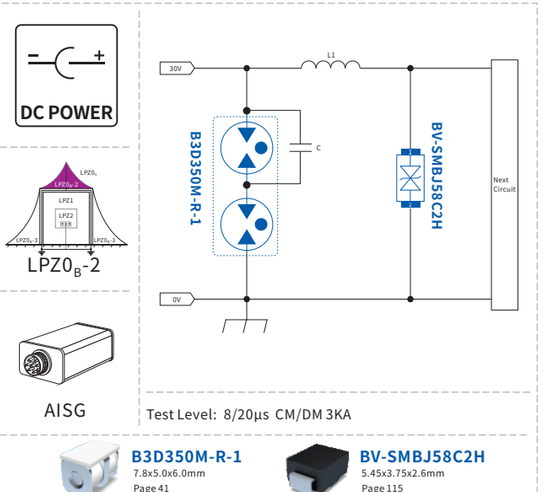
DC48V



Test Level: 8/20μs CM/DM 3KA

BV-SMKJ75CA
10.5x8.2x2.2mm
Page 115

DC30V

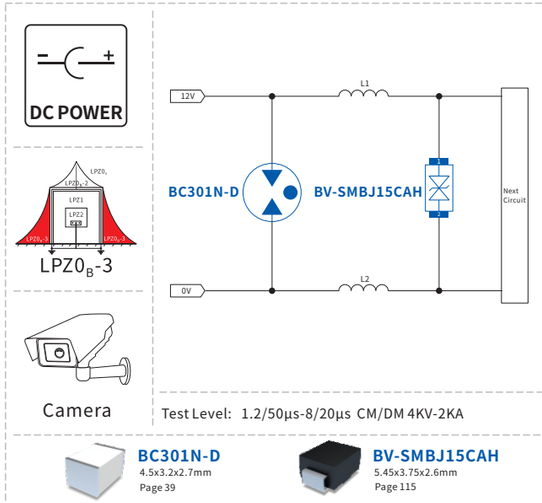


Test Level: 8/20μs CM/DM 3KA

B3D350M-R-1
7.8x5.0x6.0mm
Page 41

BV-SMBJ58C2H
5.45x3.75x2.6mm
Page 115

DC12V

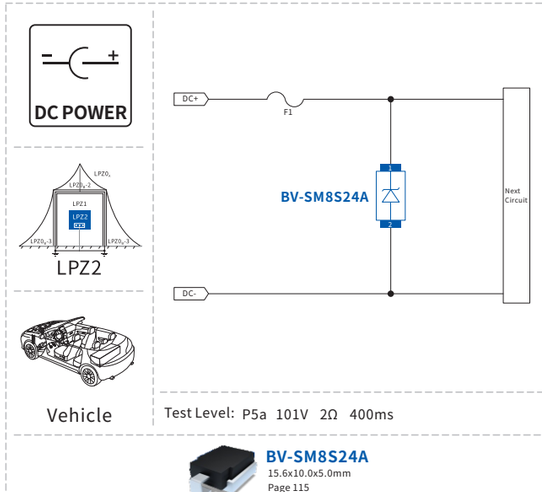


Test Level: 1.2/50μs-8/20μs CM/DM 4KV-2KA

BC301N-D
4.5x3.2x2.7mm
Page 39

BV-SMBJ15CAH
5.45x3.75x2.6mm
Page 115

DC12V IN CAR



Test Level: P5a 101V 2Ω 400ms

BV-SM8S24A
15.6x10.0x5.0mm
Page 115

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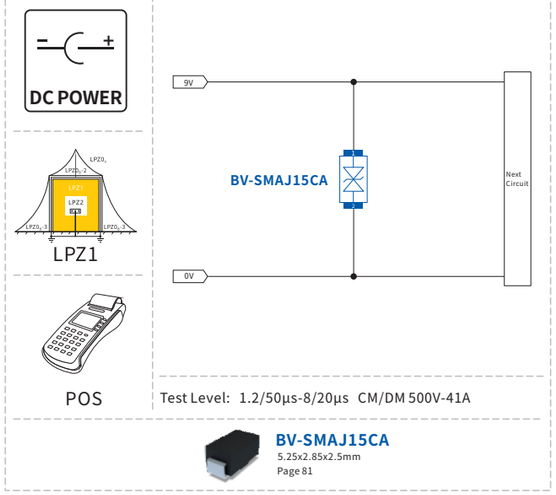
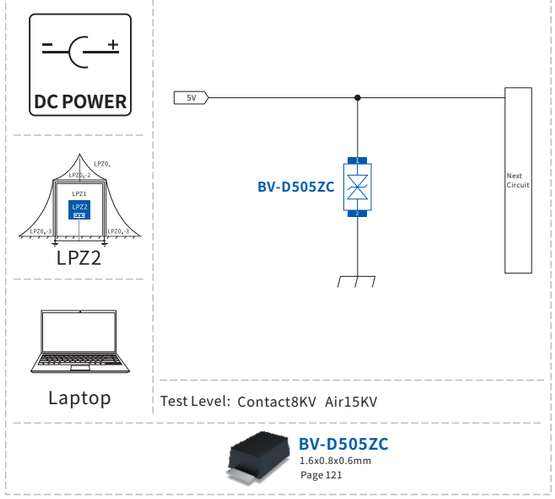
DC9V



Test Level: 1.2/50μs-8/20μs CM/DM 500V-41A

BV-SMAJ15CA
5.25x2.85x2.5mm
Page 81

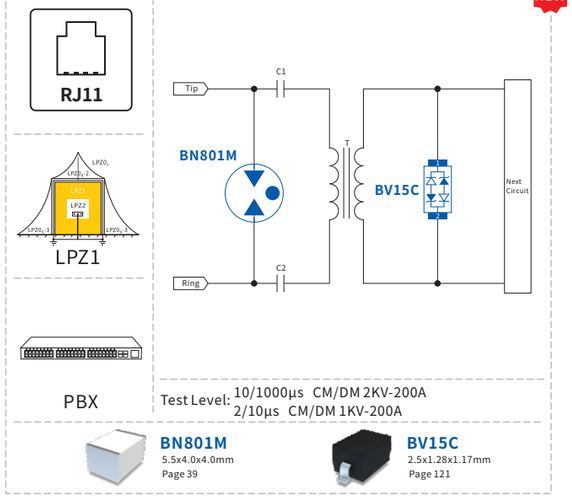
DC5V



Test Level: Contact8KV Air15KV

BV-D505ZC
1.6x0.8x0.6mm
Page 121

RJ11 G.Fast

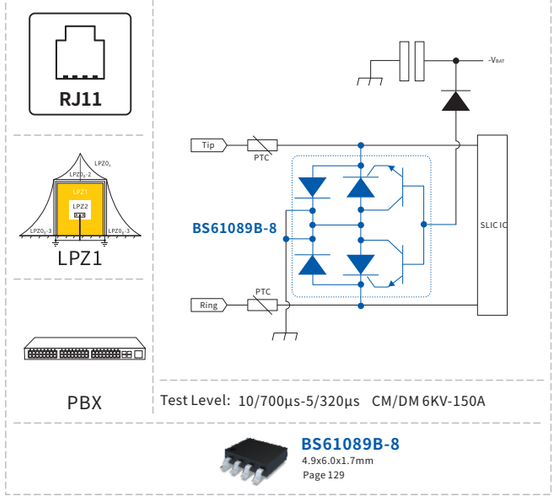


Test Level: 10/1000μs CM/DM 2KV-200A
2/10μs CM/DM 1KV-200A

BN801M
5.5x4.0x4.0mm
Page 39

BV15C
2.5x1.28x1.17mm
Page 121

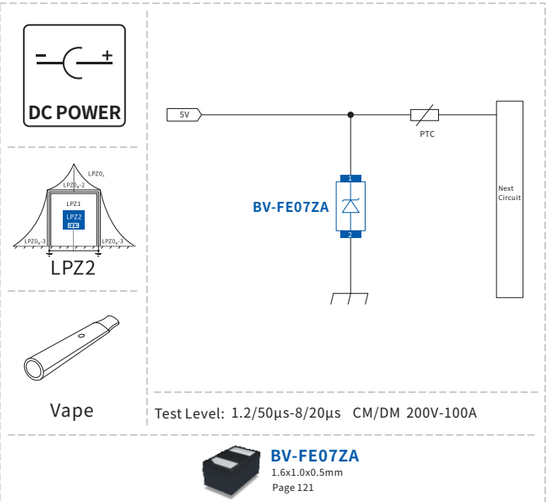
RJ11 SLIC



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

BS61089B-8
4.9x6.0x1.7mm
Page 129

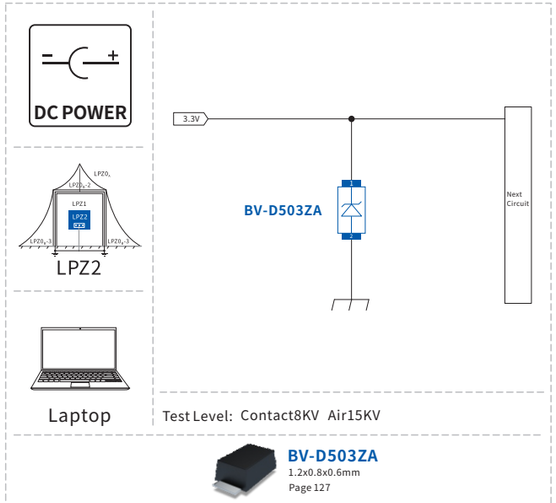
DC5V



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

BV-FE07ZA
1.6x1.0x0.5mm
Page 121

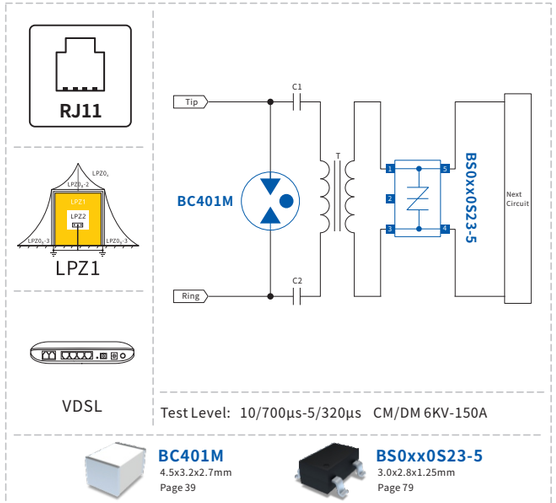
DC3.3V



Test Level: Contact8KV Air15KV

BV-D503ZA
1.2x0.8x0.6mm
Page 127

RJ11 xDSL

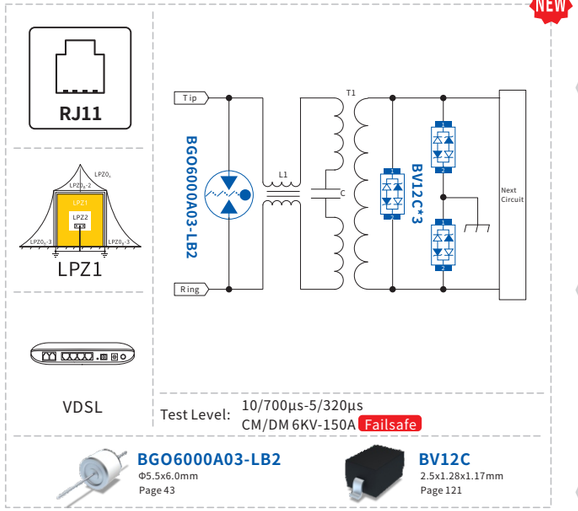


Test Level: 10/700μs-5/320μs CM/DM 6KV-150A

BC401M
4.5x3.2x2.7mm
Page 39

BS0xx0S23-5
3.0x2.8x1.25mm
Page 79

RJ11



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

BGO6000A03-LB2
Φ5.5x6.0mm
Page 43

BV12C
2.5x1.28x1.17mm
Page 121

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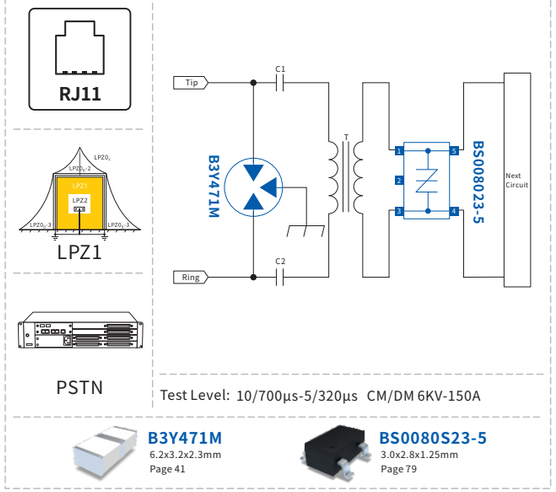
RJ11

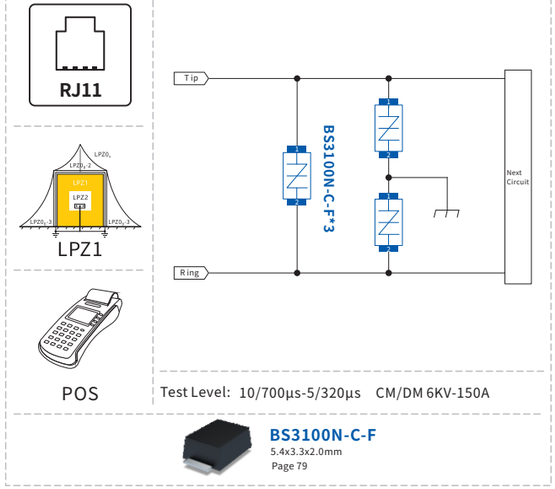


Test Level: 10/700μs-5/320μs CM/DM 6KV-150A

B3Y471M
6.2x3.2x2.3mm
Page 41

BS0080S23-5
3.0x2.8x1.25mm
Page 79

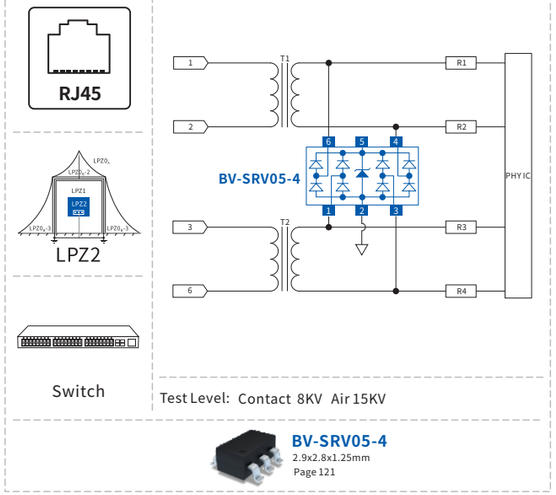
RJ11



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

BS3100N-C-F
5.4x3.3x2.0mm
Page 79

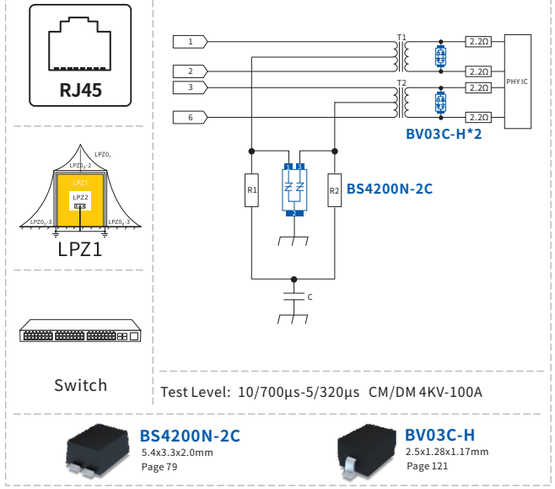
RJ45-100M



Test Level: Contact 8KV Air 15KV

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

RJ45-100M

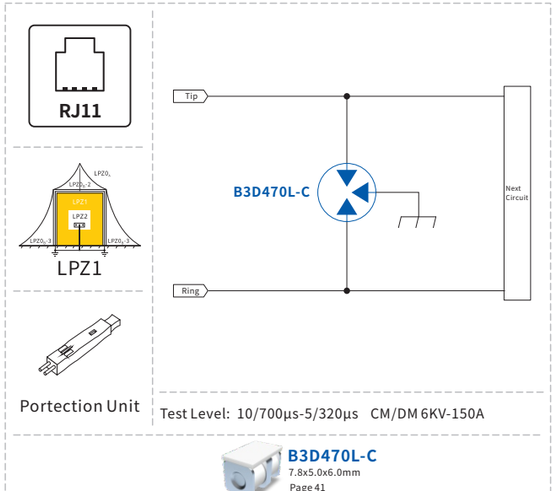


Test Level: 10/700μs-5/320μs CM/DM 4KV-100A

BS4200N-2C
5.4x3.3x2.0mm
Page 79

BV03C-H
2.5x1.28x1.17mm
Page 121

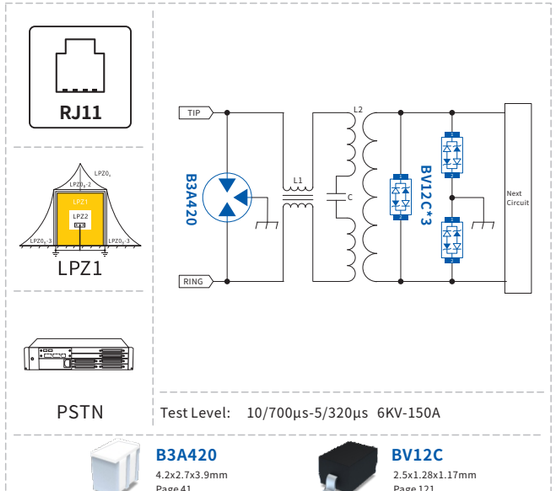
RJ11



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

B3D470L-C
7.8x5.0x6.0mm
Page 41

RJ11

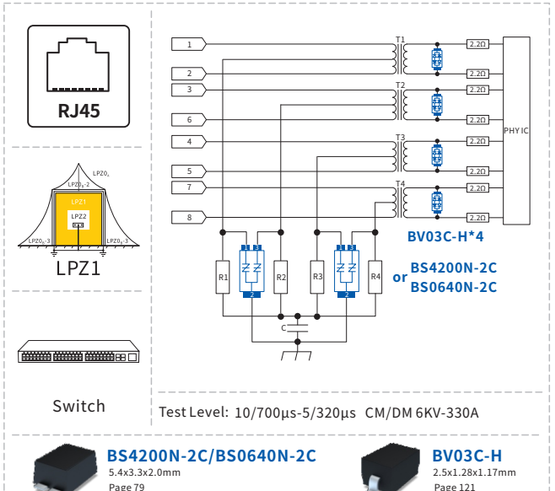


Test Level: 10/700μs-5/320μs 6KV-150A

B3A420
4.2x2.7x3.9mm
Page 41

BV12C
2.5x1.28x1.17mm
Page 121

RJ45-1G

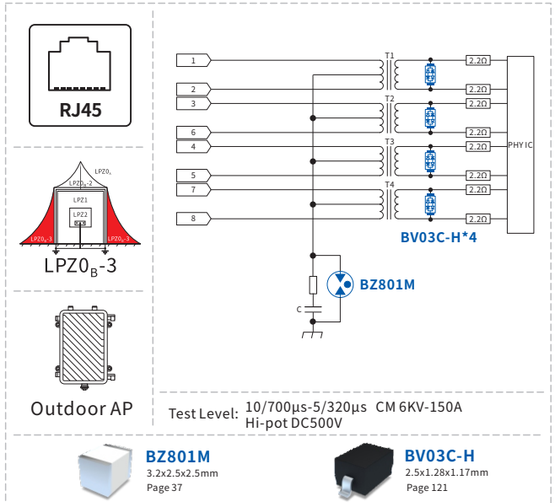


Test Level: 10/700μs-5/320μs CM/DM 6KV-330A

BS4200N-2C/BS0640N-2C
5.4x3.3x2.0mm
Page 79

BV03C-H
2.5x1.28x1.17mm
Page 121

RJ45-1G



Test Level: 10/700μs-5/320μs CM 6KV-150A
Hi-pot DC500V

BZ801M
3.2x2.5x2.5mm
Page 37

BV03C-H
2.5x1.28x1.17mm
Page 121

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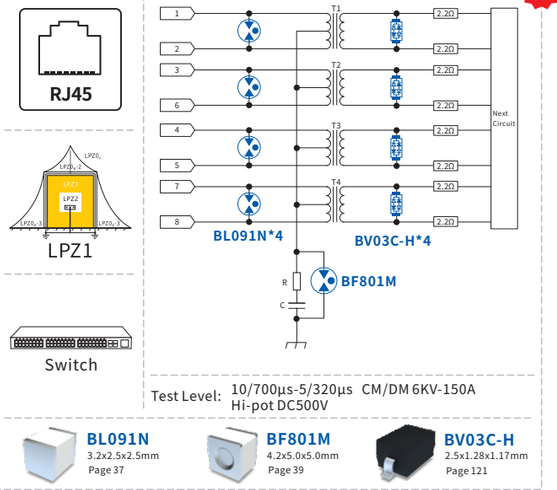
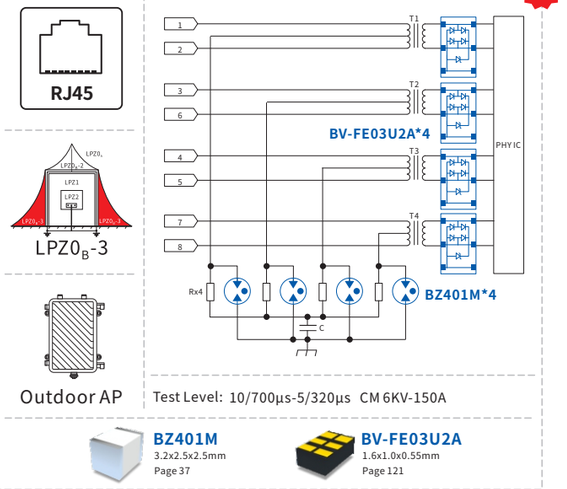
RJ45-1G



Test Level: 10/700μs-5/320μs CM/DM 6KV-150A
Hi-pot DC500V

BL091N 3.2x2.5x2.5mm Page 37
BF801M 4.2x5.0x5.0mm Page 39
BV03C-H 2.5x1.28x1.17mm Page 121

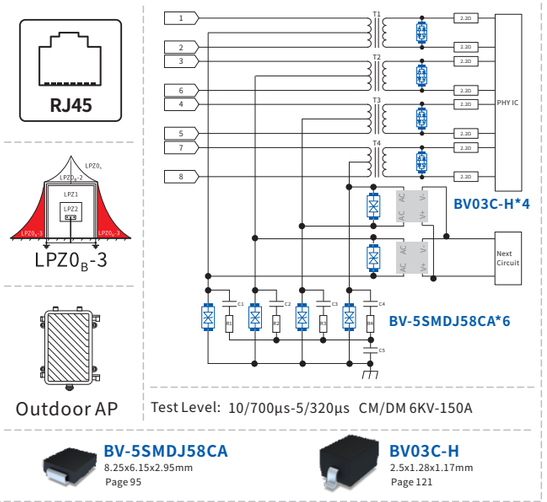
RJ45-10G



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

BZ401M 3.2x2.5x2.5mm Page 37
BV-FE03U2A 1.6x1.0x0.55mm Page 121

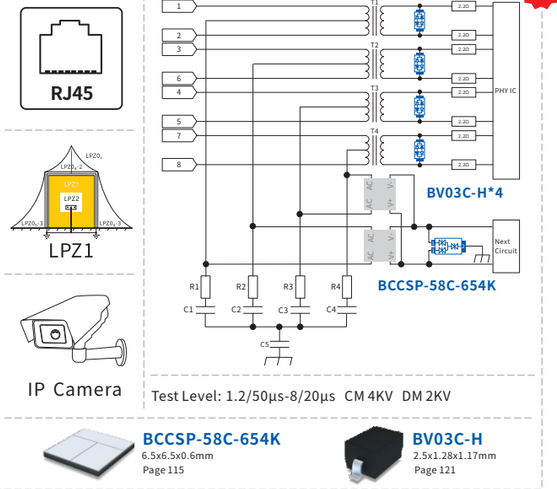
RJ45-1G PD



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

BV-5SMDJ58CA 8.25x6.15x2.95mm Page 95
BV03C-H 2.5x1.28x1.17mm Page 121

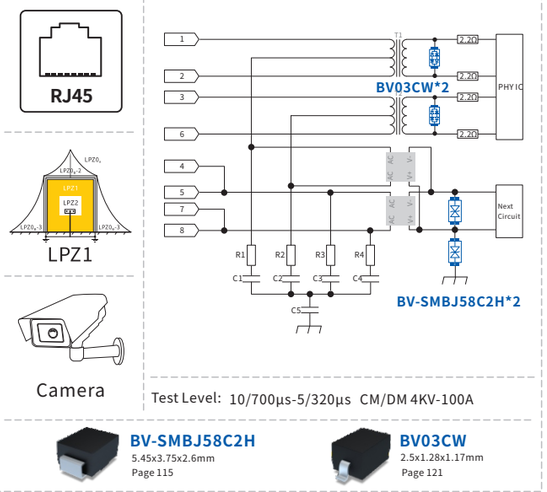
RJ45-1G PD



Test Level: 1.2/50μs-8/20μs CM 4KV DM 2KV

BCCSP-58C-654K 6.5x6.5x0.6mm Page 115
BV03C-H 2.5x1.28x1.17mm Page 121

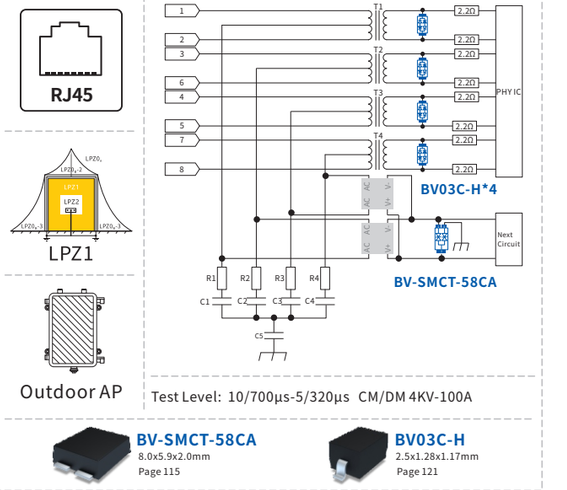
RJ45- 100M PD



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

BV-SMBJ58C2H 5.45x3.75x2.6mm Page 115
BV03CW 2.5x1.28x1.17mm Page 121

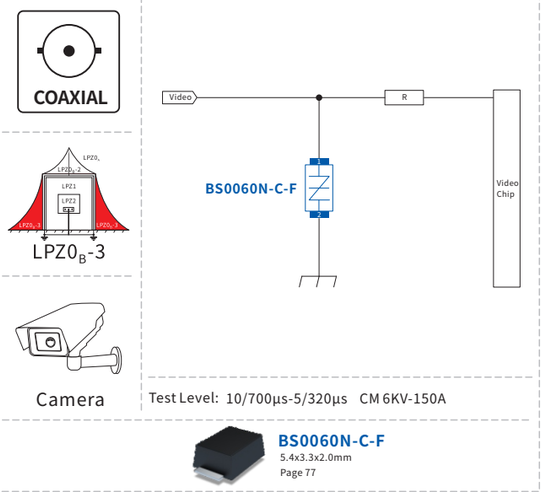
RJ45-1G PD



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

BV-SMCT-58CA 8.0x5.9x2.0mm Page 115
BV03C-H 2.5x1.28x1.17mm Page 121

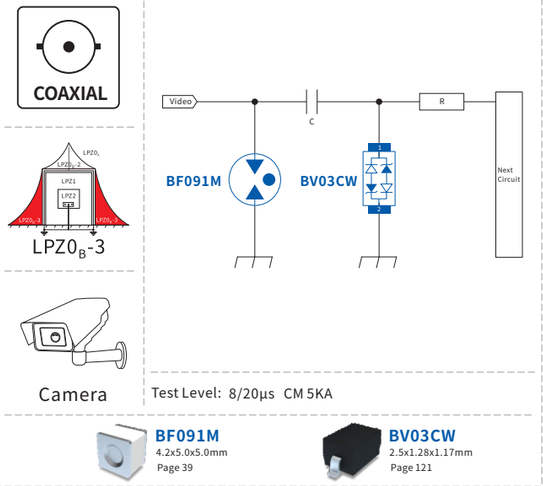
CVBS



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

BS0060N-C-F 5.4x3.3x2.0mm Page 77

SDI



Test Level: 8/20μs CM 5KA

BF091M 4.2x5.0x5.0mm Page 39
BV03CW 2.5x1.28x1.17mm Page 121

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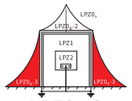
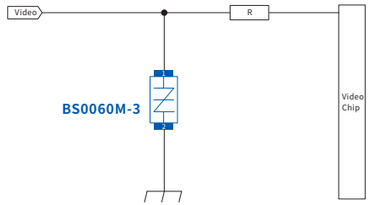
HD-Analog

COAXIAL



Camera

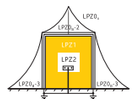


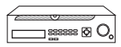
Test Level: 1.2/50μs-8/20μs CM4KV-95.2A

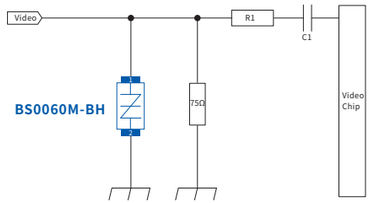
BS0060M-3
5.0x2.5x2.3mm
Page 77

HD-Analog

COAXIAL




NVR/DVR

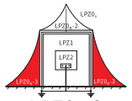


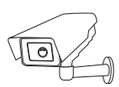
Test Level: 10/700μs-5/320μs CM/DM 4KV-100A

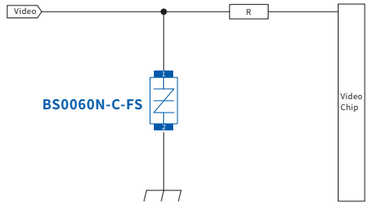
BS0060M-BH
5.0x2.5x2.3mm
Page 77

HD-Analog

COAXIAL




Camera

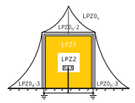


Test Level: 10/700μs-5/320μs CM 6KV-150A

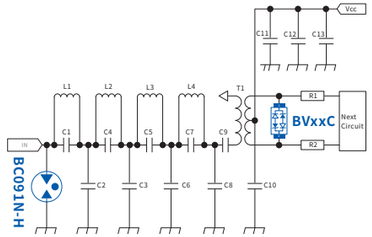
BS0060N-C-FS
5.4x3.3x2.0mm
Page 77

Coaxial

COAXIAL



Set-Top Box



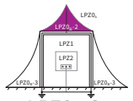
Test Level: 1.2/50μs-8/20μs CM 6KV-3KA

BC091N-H
4.5x3.2x2.7mm
Page 39

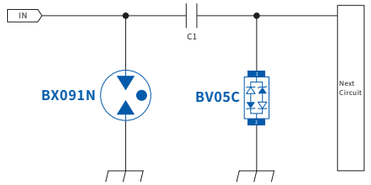
BVxxC
2.5x1.28x1.17mm
Page 121

Coaxial

COAXIAL



LNB



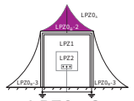
Test Level: 8/20μs CM 3KA

BX091N
4.2x3.5x3.5mm
Page 39

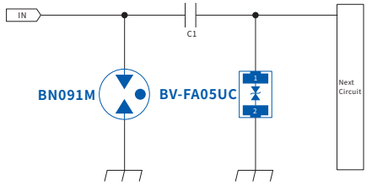
BV05C
2.5x1.28x1.17mm
Page 121

Coaxial

COAXIAL



LNB



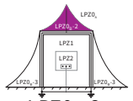
Test Level: 8/20μs CM 5KA

BN091M
5.5x4.0x4.0mm
Page 39

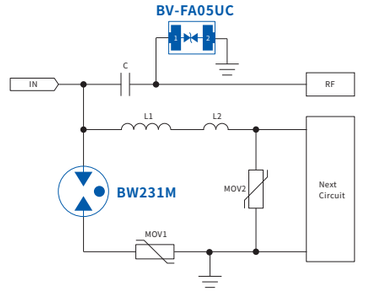
BV-FA05UC
1.0x0.6x0.5mm
Page 123

Coaxial

COAXIAL



LNB



Test Level: 8/20μs CM 10KA

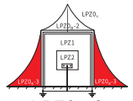
BW231M
7.0x6.0x6.0mm
Page 41

BV-FA05UC
1.0x0.6x0.5mm
Page 123

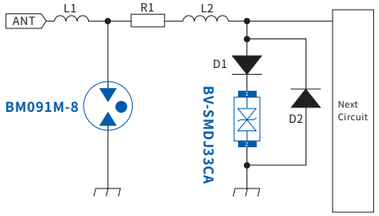
Coaxial

NEW

COAXIAL



Wave filter



Test Level: 8/20μs CM 5KA

BM091M-8
8.3x8.3x6.0mm
Page 41

BV-SMDJ33CA
8.25x6.15x2.95mm
Page 91

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.

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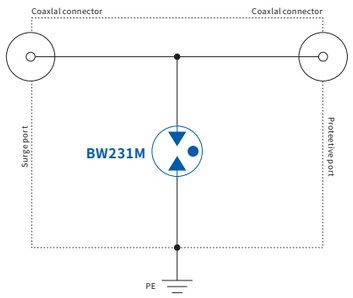
SPD Coaxial

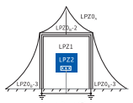
Coaxial SPD

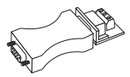


Test Level: 8/20μs CM 10KA

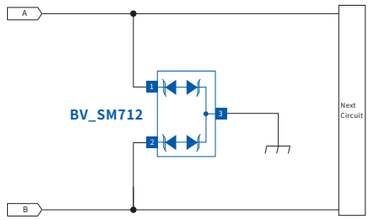
BW231M
7.0x6.0x6.0mm
Page 41

RS485





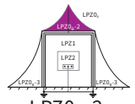
RS485 Converter

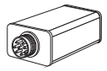


Test Level: Contact8KV Air15KV

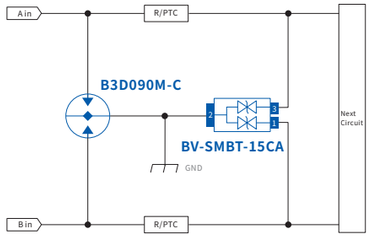
BV-SM712
2.9x2.4x1.0mm
Page 127

RS485





AISG

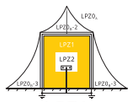


Test Level: 8/20μs CM/DM 3KA

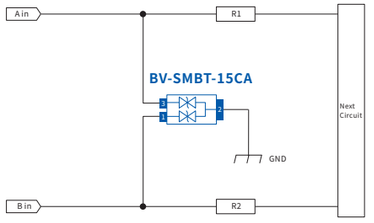
B3D090M-C
7.8x5.0x6.0mm
Page 41

BV-SMBT-15CA
5.4x3.3x2.0mm
Page 115

ALARM



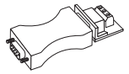
Camera



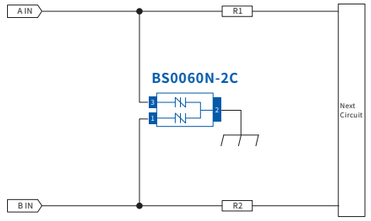
Test Level: 1.2/50μs-8/20μs CM/DM 1KV-500A

BV-SMBT-15CA
5.4x3.3x2.0mm
Page 115

RS485



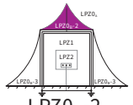
RS485 Converter

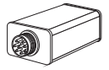


Test Level: 10/700μs-5/320μs CM/DM 6KV-150A

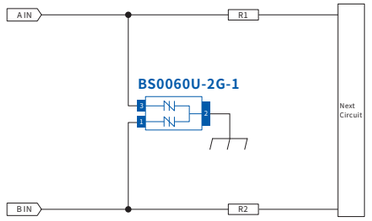
BS0060N-2C
5.4x3.3x2.0mm
Page 79

RS485





AISG

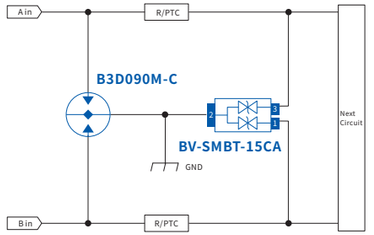


Test Level: 8/20μs CM/DM 3KA

BS0060U-2G-1
8.0x5.9x2.0mm
Page 79

ALARM

Camera

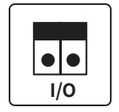


Test Level: 8/20μs CM/DM 3KA

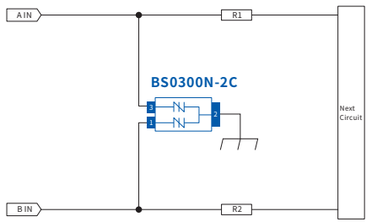
B3D090M-C
7.8x5.0x6.0mm
Page 41

BV-SMBT-15CA
5.4x3.3x2.0mm
Page 115

IO



I/O module



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

BS0300N-2C
5.4x3.3x2.0mm
Page 79

Notes: CM=Common Mode / DM=Differential Mode

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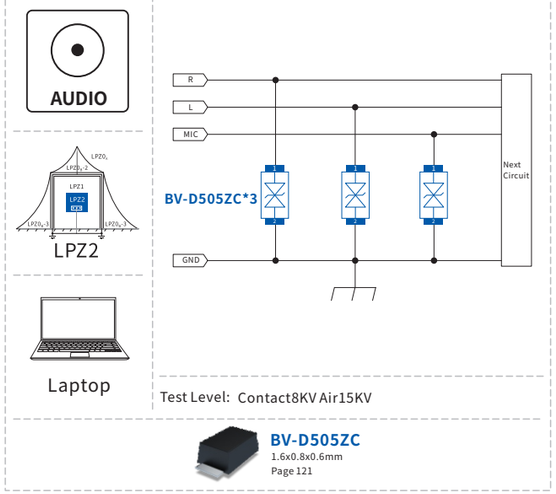
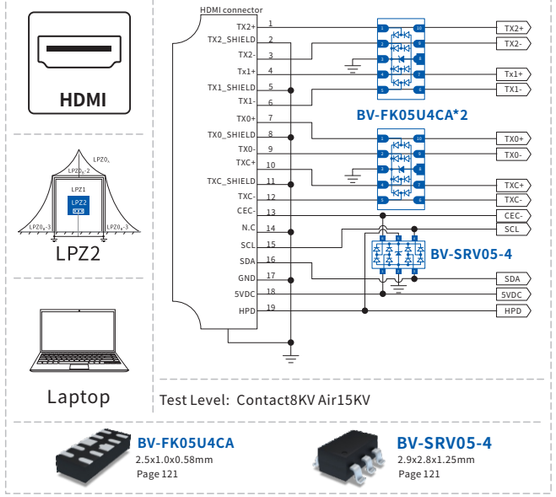
AUDIO



Test Level: Contact8KV Air15KV

BV-D505ZC
1.6x0.8x0.6mm
Page 121

HDMI

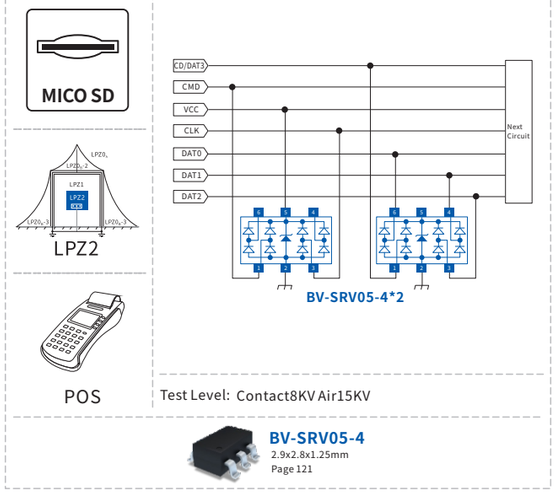


Test Level: Contact8KV Air15KV

BV-FK05U4CA
2.5x1.0x0.58mm
Page 121

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

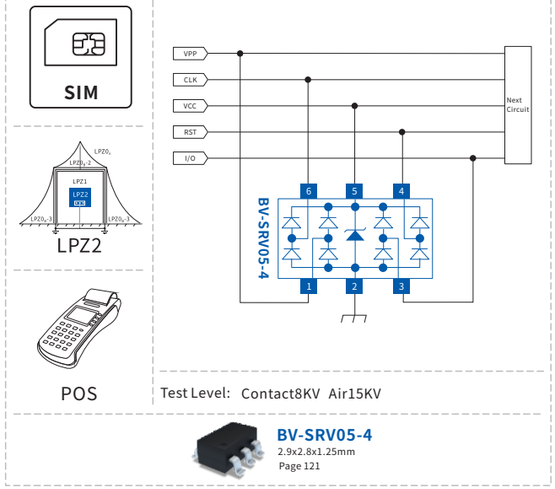
SD



Test Level: Contact8KV Air15KV

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

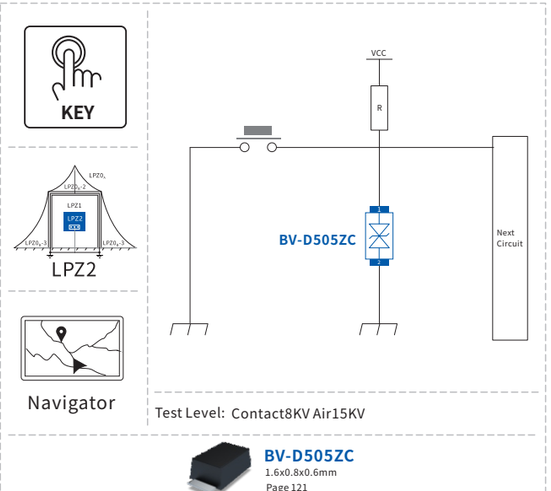
SIM



Test Level: Contact8KV Air15KV

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

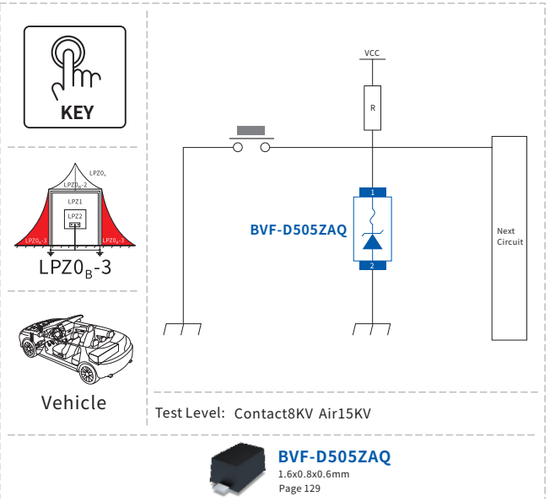
KEY



Test Level: Contact8KV Air15KV

BV-D505ZC
1.6x0.8x0.6mm
Page 121

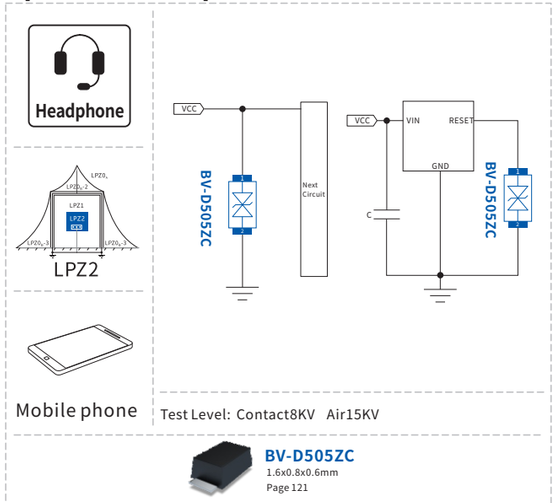
KEY



Test Level: Contact8KV Air15KV

BVF-D505ZAQ
1.6x0.8x0.6mm
Page 129

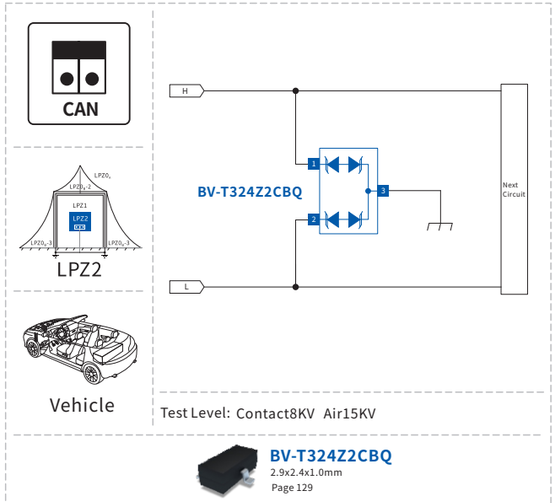
Speaker Headphone and Reset



Test Level: Contact8KV Air15KV

BV-D505ZC
1.6x0.8x0.6mm
Page 121

CAN BUS



Test Level: Contact8KV Air15KV

BV-T324Z2CBQ
2.9x2.4x1.0mm
Page 129

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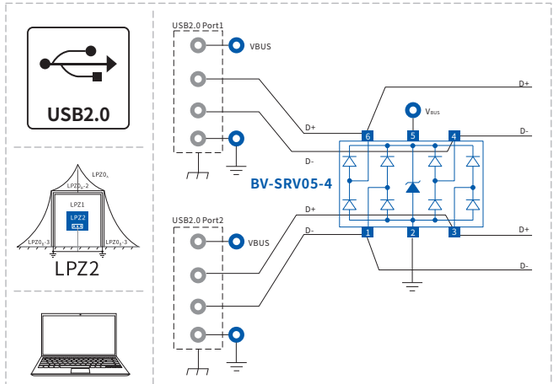
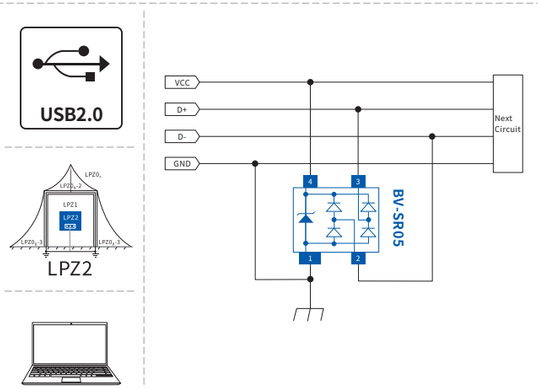
USB2.0 2in1



Test Level: Contact8KV Air15KV

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

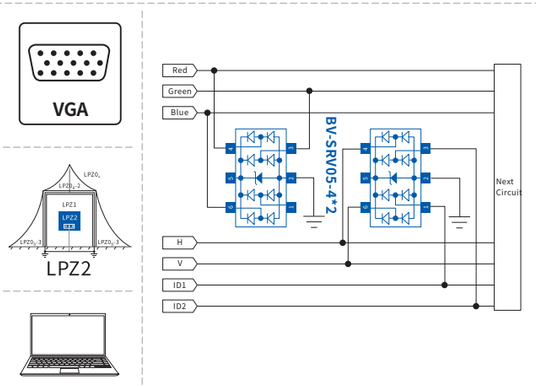
USB2.0



Test Level: Contact8KV Air15KV

BV-SR05
3.0x2.55x1.15mm
Page 121

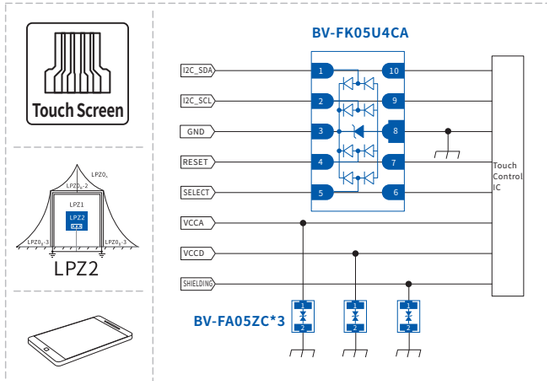
VGA



Test Level: Contact8KV Air15KV

BV-SRV05-4
2.9x2.8x1.25mm
Page 121

Touch Screen

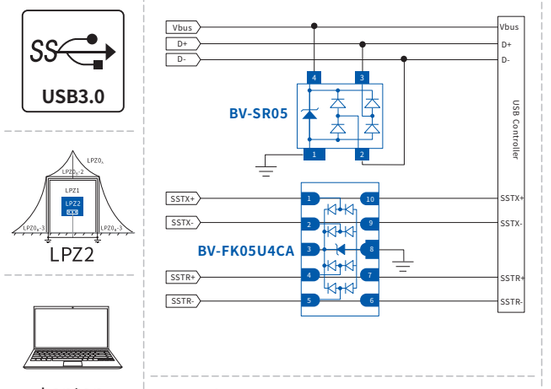


Test Level: Contact8KV Air15KV

BV-FK05U4CA
2.5x1.0x0.58mm
Page 121

BV-FA05ZC
1.0x0.6x0.5mm
Page 123

USB3.0

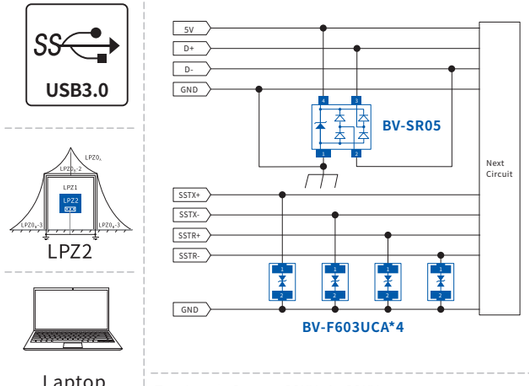


Test Level: Contact8KV Air15KV

BV-SR05
3.0x2.55x1.15mm
Page 121

BV-FK05U4CA
2.5x1.0x0.58mm
Page 121

USB3.0

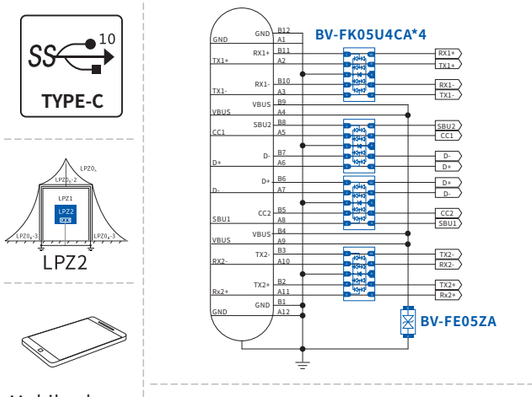


Test Level: Contact30KV Air30KV

BV-SR05
3.0x2.55x1.15mm
Page 121

BV-F603UCA
0.6x0.3x0.3mm
Page 123

TYPE-C

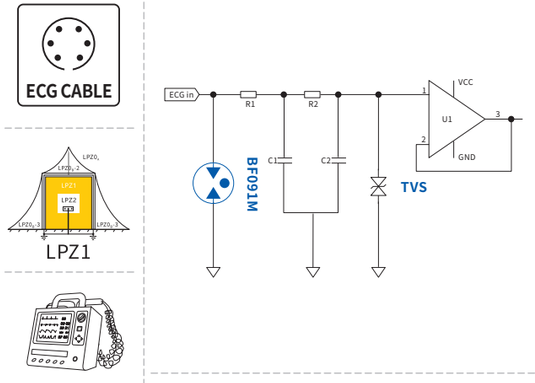


Test Level: Contact8KV Air15KV

BV-FK05U4CA
2.5x1.0x0.58mm
Page 121

BV-FE05ZA
1.6x0.8x0.5mm
Page 121

ECG Cable



Test Level: AEDS 360J

BF091M
4.2x5.0x5.0mm
Page 39

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

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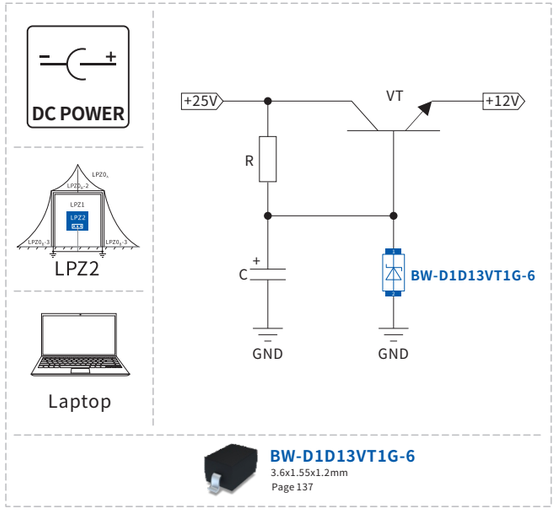
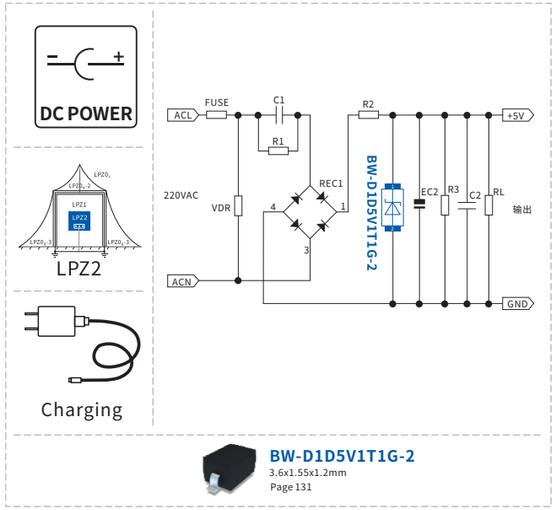
DC to DC



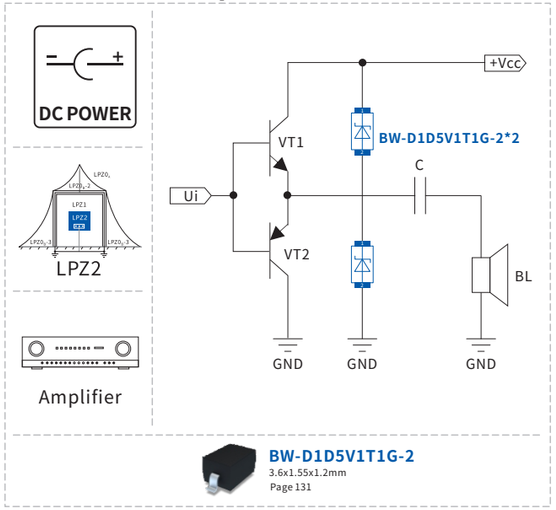
BW-D1D13VT1G-6
3.6x1.55x1.2mm
Page 137

AC to DC



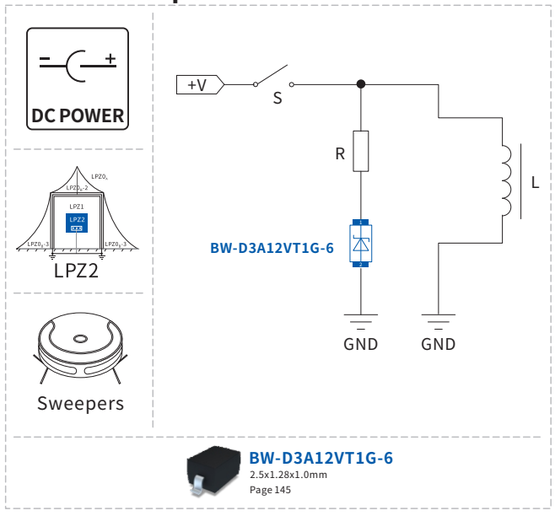
BW-D1D5V1T1G-2
3.6x1.55x1.2mm
Page 131

Horn Overload protection



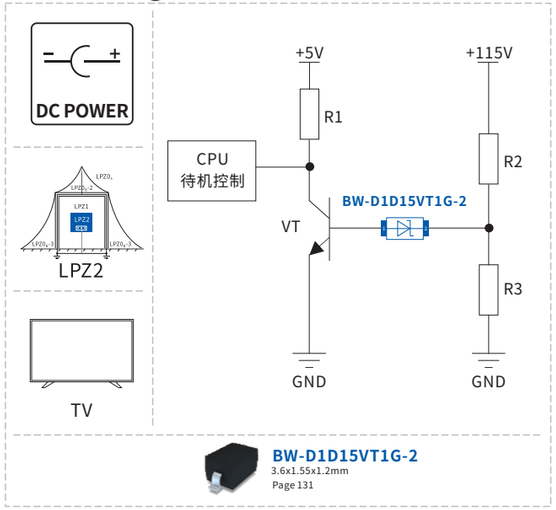
BW-D1D5V1T1G-2
3.6x1.55x1.2mm
Page 131

CEMF Absorption circuit



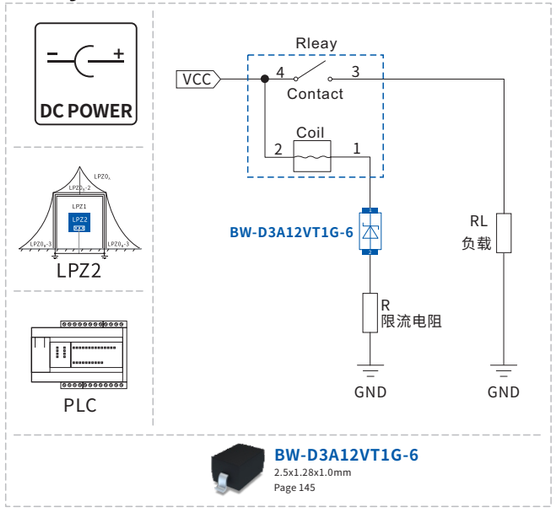
BW-D3A12VT1G-6
2.5x1.28x1.0mm
Page 145

Overvoltage Control



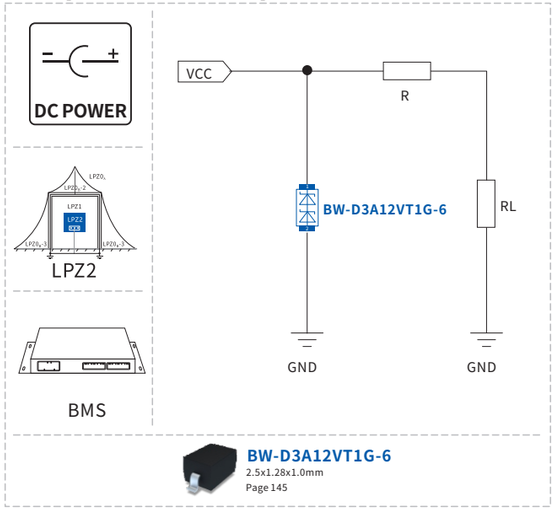
BW-D1D15VT1G-2
3.6x1.55x1.2mm
Page 131

Rleay Coil Control



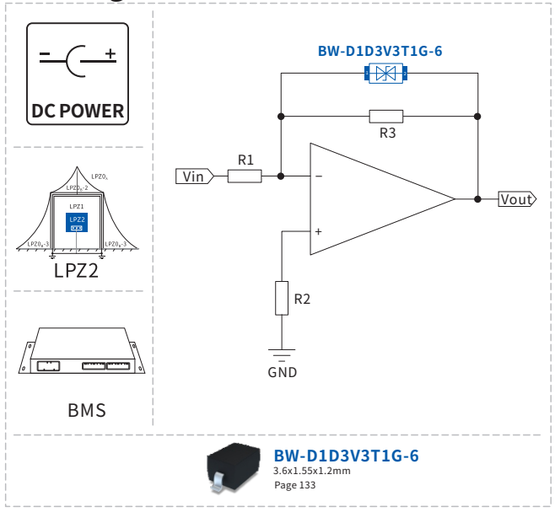
BW-D3A12VT1G-6
2.5x1.28x1.0mm
Page 145

Temperature Compensation circuit



BW-D3A12VT1G-6
2.5x1.28x1.0mm
Page 145

Limiting Circuit



BW-D1D3V3T1G-6
3.6x1.55x1.2mm
Page 133

Notes: CM=Common Mode / DM=Differential Mode

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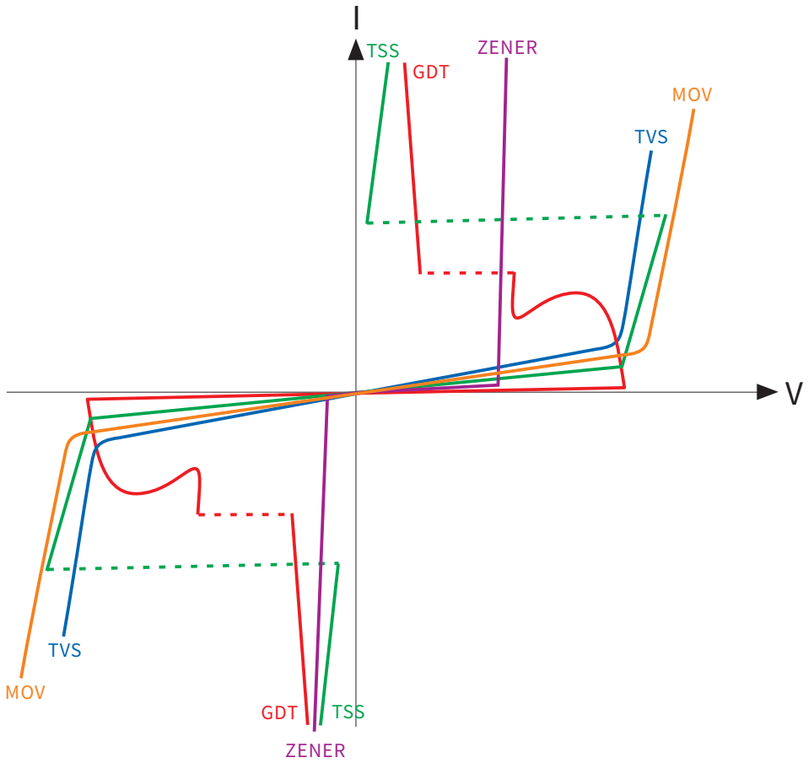
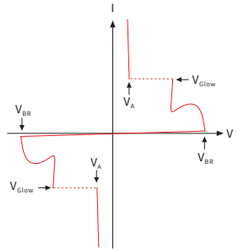
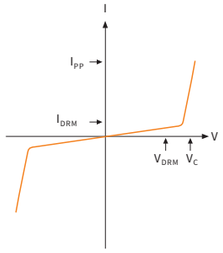
Notes: CM=Common Mode / DM=Differential Mode

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.

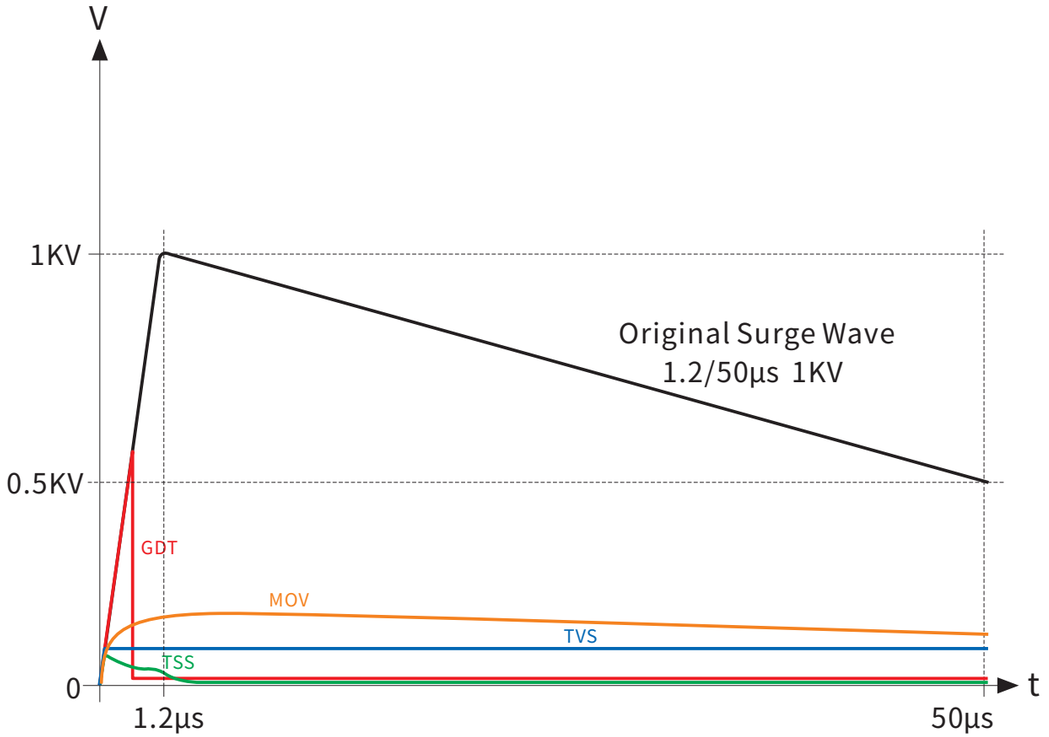


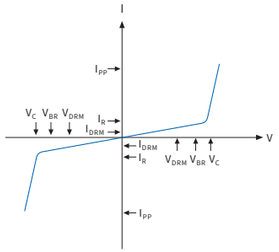


GDT

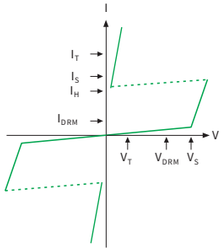


MOV

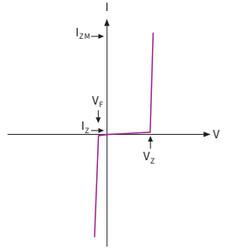




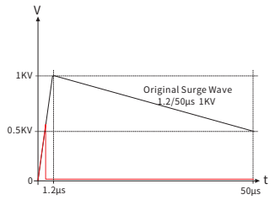
TVS



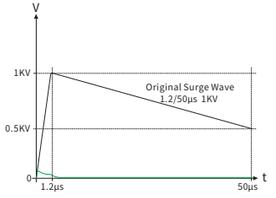
TSS



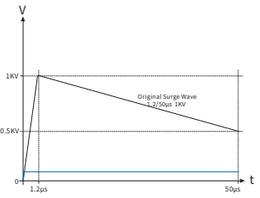
Zener



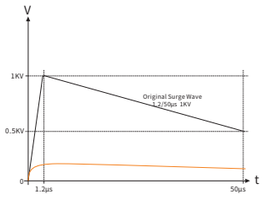
GDT
V_{DRM}=90V



TSS
V_{DRM}=58V



TVS
V_{DRM}=58V



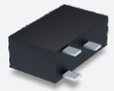
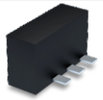
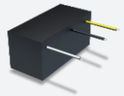
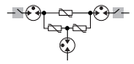
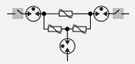
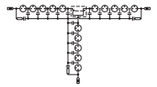
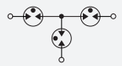
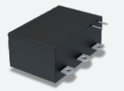
MOV
V_{DRM}=82V

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	备注 Remarks UL497B	UL1449	New products
BS201N	200	140-260	≤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			○	○	●
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	≤1.0	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			●	○	○
BA601N	600	420-780	≤1200	~15	1	≥1	100	≤1	4.5x3.2x2.7	Ethernet			●	○	○
BC091N	90	63-117	≤650	~8	2	≥1	50	≤1	4.5x3.2x2.7	coaxial			●	○	○
BC151N	150	105-195	≤750	~8	2	≥1	100	≤1	4.5x3.2x2.7	coaxial			○	○	○

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	备注 Remarks UL497B	UL1449	New products
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	5.5x4.0x4.0	RS485/232/422			○	○	○
BN091M	90	72-108	≤600	~8	5	≥1	50	≤0.5	5.5x4.0x4.0	RS485/232/422			○	○	●
BN151M	150	120-180	≤650	~12	5	≥1	100	≤0.5	5.5x4.0x4.0	AC Power/Xdsl			○	○	●
BN301M	300	240-360	≤850	~15	5	≥1	100	≤0.5	5.5x4.0x4.0	DC Power/AC Power			○	○	●
BN401M	400	320-480	≤850	~15	5	≥1	100	≤0.5	5.5x4.0x4.0	Ethernet			○	○	●
BN601M	600	480-720	≤1200	~15	5	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN801M	800	640-960	≤1400	~15	5	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN102M	1000	800-1200	≤1600	~15	5	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN152M	1500	1200-1800	≤2500	~15	3	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN202M	2000	1600-2400	≤3000	~15	3	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN252M	2500	2000-3000	≤3500	~25	3	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN302M	3000	2400-3600	≤4000	~25	3	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BN362M	3600	2880-4320	≤4800	~30	3	≥1	100	≤0.5	5.5x4.0x4.0	AC Power			○	○	●
BF091M	90	72-108	≤650	~8	5	≥1	50	≤1.0	4.2x5.0x5.0	RS485/232/422			○	○	●
BF151M	150	120-180	≤420	~13	5	≥1	100	≤0.8	4.2x5.0x5.0	AC Power/xDSL			●	○	○
BF231M	230	184-276	≤700	~8	5	≥1	100	≤1.0	4.2x5.0x5.0	RS485/232/422			●	○	○
BF351M	350	280-420	≤750	≥15	5	≥1	100	≤1.0	4.2x5.0x5.0	DC12V/AC24V			●	○	○
BF421M	420	336-504	≤750	≥15	5	≥1	100	≤1.0	4.2x5.0x5.0	DC12V/AC24V			●	○	○
BF471M	470	376-564	≤850	~15	5	≥1	100	≤0.8	4.2x5.0x5.0	xDSL			●	○	○
BF601M	600	480-720	≤1200	~8	5	≥1	100	≤1.0	4.2x5.0x5.0	AC Power			●	○	○
BF801M	800	640-960	≤1600	~15	3	≥1	100	≤1.0	4.2x5.0x5.0	AC Power/xDSL			●	○	○
BF102M	1000	800-1200	≤1800	~15	3	≥1	100	≤1.0	4.2x5.0x5.0	AC Power			●	○	○

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	备注 Remarks UL497B	UL1449	New products
BF122M	1200	960-1440	≤2000	~15	3	≥1	100	≤1.0	4.2x5.0x5.0	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	≤1.0	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			○	○	○
B5G3600	3600	2880-4680	≤4700	~15	3	≥1	100	≤1	ϕ5.5x6	AC Power			○	●	○
B8G600M	600	480-720	≤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	≤2700	~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			○	●	○
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	7.8x5.0x6.0	RS485/232/422			●	○	○
B3D230L-CD	230	200-380	≤800	~15	5	≥1	100	≤1.5	7.8x5.0x6.0	DC12V/AC24V			●	○	○
B3D230L-C	230	184-276	≤800	~8	5	≥1	100	≤1.5	7.8x5.0x6.0	DC12V/AC24V			●	○	○
B3D420L-C	420	336-504	≤950	~8	5	≥1	100	≤1.5	7.8x5.0x6.0	xDSL			○	○	○
B3D470L-C	470	360-560	≤950	~8	5	≥1	100	≤1.5	7.8x5.0x6.0	xDSL			●	○	○
B3D470L-1	470	350-500	≤950	~8	5	≥1	100	≤1.5	7.3x5.0x5.5	xDSL			●	○	○
B3D090M-C	90	72-108	≤600	~10	10	≥1	50	≤1.5	7.8x5.0x6.0	RS485/232/422			●	○	○

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	备注 Remarks UL497B	UL1449	New products
B3D350M-R	350	245-455	⩽850	⩾33	5	⩾1	100	⩽1.5	7.8x5.0x6.0	DC30V			●	○	○
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	7.8x5.0x5.0	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	9.0x5.5x7.0	AC Power			○	○	○
BGO6000A03-LB2	600	⩾480	⩽1500	/	3	/	/	⩽1.5	Φ5.5x6.0	AC Power			○	○	○
BGO6000A05-LC2	600	⩾480	⩽1500	/	5	/	/	⩽1.5	Φ8.0x7.0	AC Power			○	○	○
BGO6000A10-LC2	600	⩾480	⩽1500	～40	10	⩾1	100	⩽1.5	φ8x7.0	AC Power			○	○	○
BGO1001A05-LC2	1000	⩾800	⩽2000	～60	5	⩾1	100	⩽1.5	φ8x7.0	AC Power			○	○	○
BGO1001A10-LC2	1000	⩾800	⩽2500	～60	10	⩾1	100	⩽1.5	φ8x7.0	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	备注 Remarks UL497B	UL1449	New products
BSPD220C20P	T2	L-N,L-PE,N-PE	220	250	20	L-N/L-PE:1.5kV,N-PE:2.0kV	Ip20	Ul94 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-D	T2	L-N,L-PE,N-PE	220	L-N:300VAC,L-PE/N-PE:450VAC	20	L-PE/N-PE:2.5kV,L-N:1.8kV	IP65	UL94 V-0	42x16. 5x25	AC Power			○	○	○
BSPD220C20P-D1	T2	L-N,L-PE,N-PE	220	L-N:300VAC,L-PE/N-PE:450VAC	20	L-PE/N-PE:2.5kV,L-N:1.8kV	IP65	UL94 V-0	42x16x27	AC Power			○	○	○
BSPD220D05L	T2/T3	L-N,L-PE,N-PE	220	320	5	L-N/N-PE:1.35kV,N-PE:2.5kV	IP66	UL94 V-0	48x22x22	AC Power			○	○	○
BSPD220C20P-5	T2	L-N,L-PE,N-PE	220	300	20	L-N:1.5kV,L-PE:1.5kV,N-PE:1.5kV	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:1.5kV,N-PE:1.5kV	Ip20	UL94 V-0	41.6x31x38.2	AC Power			○	○	○
BSPD230C20PF-01	T2	L-N,L-PE,N-PE	230	320	20	L-N:2kV,L-PE:2kV,N-PE:2kV	Ip20	UL94 V-0	40.8x38x18.8	AC Power			○	○	○
BSPD230C20PF-02	T2	L-N,L-PE,N-PE	230	320	20	L-N:2kV,L-PE:2kV,N-PE:2kV	Ip20	UL94 V-0	38.5x16.4x24	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 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)	平台电压 Platform voltage V1000V/us(V)	尖峰电压 Peak voltage V1000V/us(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	备注 Remarks UL497B	UL1449	New products
BMG07D820K091Y	55	70	82(74~90)	90(72~108)	≤150	≤710	40@1.2/50-8/20μs 2kV-1kA	10	5	10x9x7.5	AC Power			○	●	●
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	10x9x8.0	AC Power			○	●	●
BMG07D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 2kV-1kA	15	5	10x9x8.0	AC Power			○	●	●
BMG07D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 2kV-1kA	15	5	10x9x8.0	AC Power			○	●	●
BMG07D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 2kV-1kA	16	5	10x9x8.0	AC Power			○	●	●
BMG07D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 2kV-1kA	16	5	10x9x8.0	AC Power			○	●	●
BMG07D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 2kV-1kA	17	5	10x9x8.0	AC Power			○	●	●
BMG07D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 2kV-1kA	17	5	10x9x8.0	AC Power			○	●	●
BMG07D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 2kV-1kA	19	5	10x9x8.0	AC Power			○	●	●
BMG07D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 2kV-1kA	19	5	10x9x8.0	AC Power			○	●	●
BMG07D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 2kV-1kA	21	5	10x9x8.0	AC Power			○	●	●
BMG07D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 2kV-1kA	21	5	10x9x8.0	AC Power			○	●	●
BMG07D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 2kV-1kA	24	5	10x9x8.0	AC Power			○	●	●
BMG07D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 2kV-1kA	24	5	10x9x8.0	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	10x9x9.0	AC Power			○	●	●
BMG07D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 2kV-1kA	35	5	10x9x9.0	AC Power			○	●	●
BMG07D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 2kV-1kA	40	5	10x9x9.0	AC Power			○	●	●
BMG07D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 2kV-1kA	40	5	10x9x9.0	AC Power			○	●	●
BMG07D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 2kV-1kA	42	5	10x9x9.0	AC Power			○	●	●
BMG07D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 2kV-1kA	42	5	10x9x9.0	AC Power			○	●	●
BMG07D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 2kV-1kA	45	5	10x9x9.0	AC Power			○	●	●
BMG07D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 2kV-1kA	45	5	10x9x9.0	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 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)	平台电压 Platform voltage V1000V/us(V)	尖峰电压 Peak voltage V1000V/us(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	备注 Remarks UL497B	UL1449	New products
BMG07D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 2kV-1kA	49	5	10x9x9.0	AC Power			○	●	●
BMG07D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 2kV-1kA	49	5	10x9x9.0	AC Power			○	●	●
BMG07D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 2kV-1kA	55	5	10x9x10.0	AC Power			○	●	●
BMG07D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 2kV-1kA	55	5	10x9x10.0	AC Power			○	●	●
BMG07D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 2kV-1kA	60	5	10x9x10.0	AC Power			○	●	●
BMG07D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 2kV-1kA	60	5	10x9x10.0	AC Power			○	●	●
BMG07D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 2kV-1kA	64	5	10x9x10.0	AC Power			○	●	●
BMG07D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 2kV-1kA	64	5	10x9x10.0	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	15x13x8.0	AC Power			○	●	●
BMG10D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 4kV-2kA	25	5	15x13x8.0	AC Power			○	●	●
BMG10D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 4kV-2kA	25	5	15x13x8.0	AC Power			○	●	●
BMG10D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 4kV-2kA	30	5	15x13x8.0	AC Power			○	●	●
BMG10D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 4kV-2kA	30	5	15x13x8.0	AC Power			○	●	●
BMG10D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 4kV-2kA	35	5	15x13x8.0	AC Power			○	●	●
BMG10D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 4kV-2kA	35	5	15x13x8.0	AC Power			○	●	●
BMG10D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 4kV-2kA	39	5	15x13x8.0	AC Power			○	●	●
BMG10D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 4kV-2kA	39	5	15x13x8.0	AC Power			○	●	●
BMG10D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 4kV-2kA	42	5	15x13x8.0	AC Power			○	●	●
BMG10D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 4kV-2kA	42	5	15x13x8.0	AC Power			○	●	●
BMG10D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 4kV-2kA	49	5	15x13x8.0	AC Power			○	●	●
BMG10D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 4kV-2kA	49	5	15x13x8.0	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			○	●	●

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 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)	平台电压 Platform voltage V1000V/us(V)	尖峰电压 Peak voltage V1000V/us(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	备注 Remarks UL497B	UL1449	New products
BMG10D391K351Y	260	330	390(351~429)	350(280~420)	≤690	≤1020	40@1.2/50-8/20μs 4kV-2kA	70	5	15x13x9.0	AC Power			○	●	●
BMG10D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 4kV-2kA	70	5	15x13x9.0	AC Power			○	●	●
BMG10D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 4kV-2kA	80	5	15x13x9.0	AC Power			○	●	●
BMG10D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 4kV-2kA	80	5	15x13x9.0	AC Power			○	●	●
BMG10D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 4kV-2kA	85	5	15x13x9.0	AC Power			○	●	●
BMG10D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 4kV-2kA	85	5	15x13x9.0	AC Power			○	●	●
BMG10D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 4kV-2kA	90	5	15x13x9.0	AC Power			○	●	●
BMG10D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 4kV-2kA	90	5	15x13x9.0	AC Power			○	●	●
BMG10D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 4kV-2kA	92	5	15x13x9.0	AC Power			○	●	●
BMG10D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 4kV-2kA	92	5	15x13x9.0	AC Power			○	●	●
BMG10D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 4kV-2kA	95	5	15x13x10.0	AC Power			○	●	●
BMG10D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 4kV-2kA	95	5	15x13x10.0	AC Power			○	●	●
BMG10D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 4kV-2kA	98	5	15x13x10.0	AC Power			○	●	●
BMG10D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 4kV-2kA	98	5	15x13x10.0	AC Power			○	●	●
BMG10D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 4kV-2kA	100	5	15x13x10.0	AC Power			○	●	●
BMG10D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 4kV-2kA	100	5	15x13x10.0	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	20x16x8.0	AC Power			○	●	●
BMG14D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	40@1.2/50-8/20μs 6kV-3kA	53	5	20x16x8.0	AC Power			○	●	●
BMG14D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	40@1.2/50-8/20μs 6kV-3kA	53	5	20x16x8.0	AC Power			○	●	●
BMG14D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	40@1.2/50-8/20μs 6kV-3kA	60	5	20x16x8.0	AC Power			○	●	●
BMG14D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	40@1.2/50-8/20μs 6kV-3kA	60	5	20x16x8.0	AC Power			○	●	●
BMG14D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	40@1.2/50-8/20μs 6kV-3kA	70	5	20x16x8.0	AC Power			○	●	●
BMG14D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	40@1.2/50-8/20μs 6kV-3kA	70	5	20x16x8.0	AC Power			○	●	●
BMG14D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	40@1.2/50-8/20μs 6kV-3kA	78	5	20x16x8.0	AC Power			○	●	●
BMG14D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	40@1.2/50-8/20μs 6kV-3kA	78	5	20x16x8.0	AC Power			○	●	●
BMG14D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	40@1.2/50-8/20μs 6kV-3kA	84	5	20x16x8.0	AC Power			○	●	●
BMG14D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	40@1.2/50-8/20μs 6kV-3kA	84	5	20x16x8.0	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 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)	平台电压 Platform voltage V1000V/us(V)	尖峰电压 Peak voltage V1000V/us(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	备注 Remarks UL497B	UL1449	New products
BMG14D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	40@1.2/50-8/20μs 6kV-3kA	99	5	20x16x8.0	AC Power			○	●	●
BMG14D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	40@1.2/50-8/20μs 6kV-3kA	99	5	20x16x8.0	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	20x16x9.0	AC Power			○	●	●
BMG14D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	40@1.2/50-8/20μs 6kV-3kA	140	5	20x16x9.0	AC Power			○	●	●
BMG14D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	40@1.2/50-8/20μs 6kV-3kA	155	5	20x16x9.0	AC Power			○	●	●
BMG14D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	40@1.2/50-8/20μs 6kV-3kA	155	5	20x16x9.0	AC Power			○	●	●
BMG14D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	40@1.2/50-8/20μs 6kV-3kA	175	5	20x16x9.0	AC Power			○	●	●
BMG14D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	40@1.2/50-8/20μs 6kV-3kA	175	5	20x16x9.0	AC Power			○	●	●
BMG14D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 6kV-3kA	180	5	20x16x9.0	AC Power			○	●	●
BMG14D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	40@1.2/50-8/20μs 6kV-3kA	180	5	20x16x9.0	AC Power			○	●	●
BMG14D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	40@1.2/50-8/20μs 6kV-3kA	185	5	20x16x9.0	AC Power			○	●	●
BMG14D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	40@1.2/50-8/20μs 6kV-3kA	185	5	20x16x9.0	AC Power			○	●	●
BMG14D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	40@1.2/50-8/20μs 6kV-3kA	190	5	20x16x10.0	AC Power			○	●	●
BMG14D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	40@1.2/50-8/20μs 6kV-3kA	190	5	20x16x10.0	AC Power			○	●	●
BMG14D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	40@1.2/50-8/20μs 6kV-3kA	200	5	20x16x10.0	AC Power			○	●	●
BMG14D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	40@1.2/50-8/20μs 6kV-3kA	200	5	20x16x10.0	AC Power			○	●	●
BMG14D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	40@1.2/50-8/20μs 6kV-3kA	210	5	20x16x10.0	AC Power			○	●	●
BMG14D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	40@1.2/50-8/20μs 6kV-3kA	210	5	20x16x10.0	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	25x23x8.0	AC Power			○	●	●
BMG20D151K091Y	100	120	150(135~165)	90(72~108)	≤270	≤708	20@8/20μs 5KA	106	5	25x23x8.0	AC Power			○	●	●
BMG20D151K351Y	115	120	150(135~165)	350(280~420)	≤270	≤1020	20@8/20μs 5KA	106	5	25x23x8.0	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 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)	平台电压 Platform voltage V1000V/us(V)	尖峰电压 Peak voltage V1000V/us(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	备注 Remarks UL497B	UL1449	New products
BMG20D181K091Y	120	150	180(162~198)	90(72~108)	≤320	≤710	20@8/20μs 5KA	130	5	25x23x8.0	AC Power			○	●	●
BMG20D181K351Y	135	150	180(162~198)	350(280~420)	≤320	≤1020	20@8/20μs 5KA	130	5	25x23x8.0	AC Power			○	●	●
BMG20D201K091Y	140	170	200(180~220)	90(72~108)	≤350	≤710	20@8/20μs 5KA	140	5	25x23x8.0	AC Power			○	●	●
BMG20D201K351Y	145	170	200(180~220)	350(280~420)	≤350	≤1020	20@8/20μs 5KA	140	5	25x23x8.0	AC Power			○	●	●
BMG20D221K351Y	150	185	220(198~242)	350(280~420)	≤390	≤1020	20@8/20μs 5KA	155	5	25x23x8.0	AC Power			○	●	●
BMG20D221K601Y	170	185	220(198~242)	600(480~720)	≤390	≤1320	20@8/20μs 5KA	155	5	25x23x8.0	AC Power			○	●	●
BMG20D241K351Y	160	200	240(216~264)	350(280~420)	≤430	≤1020	20@8/20μs 5KA	168	5	25x23x8.0	AC Power			○	●	●
BMG20D241K601Y	180	200	240(216~264)	600(480~720)	≤430	≤1320	20@8/20μs 5KA	168	5	25x23x8.0	AC Power			○	●	●
BMG20D271K351Y	190	230	270(243~297)	350(280~420)	≤480	≤1020	20@8/20μs 5KA	190	5	25x23x8.0	AC Power			○	●	●
BMG20D271K601Y	210	230	270(243~297)	600(480~720)	≤480	≤1320	20@8/20μs 5KA	190	5	25x23x8.0	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	25x23x9.0	AC Power			○	●	●
BMG20D391K102Y	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	20@8/20μs 5KA	275	5	25x23x9.0	AC Power			○	●	●
BMG20D431K601Y	300	360	430(387~473)	600(480~720)	≤760	≤1320	20@8/20μs 5KA	305	5	25x23x9.0	AC Power			○	●	●
BMG20D431K102Y	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	20@8/20μs 5KA	305	5	25x23x9.0	AC Power			○	●	●
BMG20D471K601Y	320	390	470(423~517)	600(480~720)	≤830	≤1320	20@8/20μs 5KA	350	5	25x23x9.0	AC Power			○	●	●
BMG20D471K102Y	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	20@8/20μs 5KA	350	5	25x23x9.0	AC Power			○	●	●
BMG20D511K601Y	340	420	510(459~561)	600(480~720)	≤986	≤1320	20@8/20μs 5KA	360	5	25x23x9.0	AC Power			○	●	●
BMG20D511K102Y	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	20@8/20μs 5KA	360	5	25x23x9.0	AC Power			○	●	●
BMG20D561K601Y	370	460	560(504~616)	600(480~720)	≤986	≤1320	20@8/20μs 5KA	380	5	25x23x9.0	AC Power			○	●	●
BMG20D561K102Y	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	20@8/20μs 5KA	380	5	25x23x9.0	AC Power			○	●	●
BMG20D621K601Y	400	510	620(558~682)	600(480~720)	≤1100	≤1320	20@8/20μs 5KA	390	5	25x23x10.0	AC Power			○	●	●
BMG20D621K102Y	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	20@8/20μs 5KA	390	5	25x23x10.0	AC Power			○	●	●
BMG20D681K601Y	440	550	680(612~748)	600(480~720)	≤1200	≤1320	20@8/20μs 5KA	400	5	25x23x10.0	AC Power			○	●	●
BMG20D681K102Y	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	20@8/20μs 5KA	400	5	25x23x10.0	AC Power			○	●	●
BMG20D751K601Y	480	600	750(675~825)	600(480~720)	≤1320	≤1320	20@8/20μs 5KA	420	5	25x23x10.0	AC Power			○	●	●
BMG20D751K102Y	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	20@8/20μs 5KA	420	5	25x23x10.0	AC Power			○	●	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV07D180K	BMOV07D180KH	11	12	18(15~21.6)	2.5	36	250	500	0.9	2	0.02	2800	-40°C~+105°C	13x10x4.85	AC Power			○	○	●
BMOV07D220K	BMOV07D220KH	14	18	22(19.5~26)	2.5	43	250	500	1.1	2.4	0.02	2300	-40°C~+105°C	13x10x4.98	AC Power			○	○	●
BMOV07D270K	BMOV07D270KH	17	22	27(24~31)	2.5	53	250	500	1.4	3	0.02	1800	-40°C~+105°C	13x10x5.17	AC Power			○	○	●
BMOV07D330K	BMOV07D330KH	20	26	33(29.5~36.5)	2.5	65	250	500	1.7	3.5	0.02	1500	-40°C~+105°C	13x10x5.35	AC Power			○	○	●
BMOV07D390K	BMOV07D390KH	25	31	39(35~43)	2.5	77	250	500	2.1	4	0.02	1300	-40°C~+105°C	13x10x5.16	AC Power			○	○	●
BMOV07D470K	BMOV07D470KH	30	38	47(42~52)	2.5	93	250	500	2.5	5	0.02	1100	-40°C~+105°C	13x10x5.37	AC Power			○	○	●
BMOV07D560K	BMOV07D560KH	35	45	56(50~62)	2.5	110	250	500	3.1	6	0.02	890	-40°C~+105°C	13x10x5.6	AC Power			○	○	●
BMOV07D680K	BMOV07D680KH	40	56	68(61~75)	2.5	135	250	500	3.6	7	0.02	740	-40°C~+105°C	13x10x5.88	AC Power			○	○	●
BMOV07D820K	BMOV07D820KH	50	65	82(74~90)	10	145	1200	1750	5	10	0.25	600	-40°C~+105°C	13x10x4.89	AC Power			○	○	●
BMOV07D101K	BMOV07D101KH	60	85	100(90~110)	10	165	1200	1750	15	12.5	0.25	500	-40°C~+105°C	13x10x5.06	AC Power			○	○	●
BMOV07D121K	BMOV07D121KH	75	100	120(108~132)	10	200	1200	1750	7.8	13	0.25	420	-40°C~+105°C	13x10x5.26	AC Power			○	○	●
BMOV07D151K	BMOV07D151KH	95	125	150(135~165)	10	250	1200	1750	9.7	15	0.25	330	-40°C~+105°C	13x10x4.99	AC Power			○	○	●
BMOV07D181K	BMOV07D181KH	115	150	180(162~198)	10	300	1200	1750	11.7	16	0.25	280	-40°C~+105°C	13x10x5.17	AC Power			○	○	●
BMOV07D201K	BMOV07D201KH	130	170	200(180~220)	10	340	1200	1750	13	17	0.25	250	-40°C~+105°C	13x10x5.32	AC Power			○	○	●
BMOV07D221K	BMOV07D221KH	140	180	220(198~242)	10	360	1200	1750	14	19	0.25	230	-40°C~+105°C	13x10x5.41	AC Power			○	○	●
BMOV07D241K	BMOV07D241KH	150	200	240(216~264)	10	395	1200	1750	15	21	0.25	210	-40°C~+105°C	13x10x5.53	AC Power			○	○	●
BMOV07D271K	BMOV07D271KH	175	225	270(243~297)	10	455	1200	1750	18	24	0.25	185	-40°C~+105°C	13x10x5.71	AC Power			○	○	●
BMOV07D301K	BMOV07D301KH	190	250	300(270~330)	10	500	1200	1750	20	26	0.25	165	-40°C~+105°C	13x10x5.88	AC Power			○	○	●
BMOV07D331K	BMOV07D331KH	210	275	330(297~363)	10	550	1200	1750	23	28	0.25	150	-40°C~+105°C	13x10x6.06	AC Power			○	○	●
BMOV07D361K	BMOV07D361KH	230	300	360(324~396)	10	595	1200	1750	24	32	0.25	140	-40°C~+105°C	13x10x6.24	AC Power			○	○	●
BMOV07D391K	BMOV07D391KH	250	320	390(351~429)	10	650	1200	1750	26	35	0.25	130	-40°C~+105°C	13x10x6.42	AC Power			○	○	●
BMOV07D431K	BMOV07D431KH	275	350	430(387~473)	10	710	1200	1750	28	40	0.25	115	-40°C~+105°C	13x10x6.66	AC Power			○	○	●
BMOV07D471K	BMOV07D471KH	300	385	470(423~517)	10	775	1200	1750	29	42	0.25	105	-40°C~+105°C	13x10x6.89	AC Power			○	○	●
BMOV07D511K	BMOV07D511KH	320	415	510(459~561)	10	845	1200	1750	31	45	0.25	100	-40°C~+105°C	13x10x7.13	AC Power			○	○	●
BMOV07D561K	BMOV07D561KH	350	460	560(504~616)	10	925	1200	1750	35	49	0.25	90	-40°C~+105°C	13x10x7.43	AC Power			○	○	●
BMOV07D621K	BMOV07D621KH	385	505	620(558~682)	10	1025	1200	1750	38	55	0.25	80	-40°C~+105°C	13x10x7.79	AC Power			○	○	●
BMOV07D681K	BMOV07D681KH	420	560	680(612~748)	10	1120	1200	1750	42	60	0.25	75	-40°C~+105°C	13x10x8.14	AC Power			○	○	●
BMOV07D751K	BMOV07D751KH	460	615	750(675~825)	10	1240	1200	1750	45	64	0.25	70	-40°C~+105°C	13x10x8.56	AC Power			○	○	●
BMOV07D781K	BMOV07D781KH	485	640	780(702~858)	10	1290	1200	1750	48	69	0.25	65	-40°C~+105°C	13x10x8.74	AC Power			○	○	●
BMOV07D821K	BMOV07D821KH	510	670	820(738~902)	10	1355	1200	1750	52	73	0.25	60	-40°C~+105°C	13x10x8.98	AC Power			○	○	●
BMOV10D180K	BMOV10D180KH	11	12	18(15~21.6)	5	36	500	1000	2.1	3	0.05	5600	-40°C~+105°C	16.5x14x5.27	AC Power			○	○	●
BMOV10D220K	BMOV10D220KH	14	18	22(19.5~26)	5	43	500	1000	2.5	5	0.05	4500	-40°C~+105°C	16.5x14x5.41	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV10D270K	BMOV10D270KH	17	22	27(24~31)	5	53	500	1000	3	6	0.05	3700	-40°C~+105°C	16.5x14x5.61	AC Power			○	○	●
BMOV10D330K	BMOV10D330KH	20	26	33(29.5~36.5)	5	65	500	1000	4	7	0.05	3000	-40°C~+105°C	16.5x14x5.79	AC Power			○	○	●
BMOV10D390K	BMOV10D390KH	25	31	39(35~43)	5	77	500	1000	4.6	9	0.05	2400	-40°C~+105°C	16.5x14x5.58	AC Power			○	○	●
BMOV10D470K	BMOV10D470KH	30	38	47(42~52)	5	93	500	1000	5.5	11	0.05	2100	-40°C~+105°C	16.5x14x5.8	AC Power			○	○	●
BMOV10D560K	BMOV10D560KH	35	45	56(50~62)	5	110	500	1000	7	13	0.05	1800	-40°C~+105°C	16.5x14x6.04	AC Power			○	○	●
BMOV10D680K	BMOV10D680KH	40	56	68(61~75)	5	135	500	1000	8.2	15	0.05	1500	-40°C~+105°C	16.5x14x6.32	AC Power			○	○	●
BMOV10D820K	BMOV10D820KH	50	65	82(74~90)	25	145	2500	3500	12	17	0.4	1200	-40°C~+105°C	16.5x14x5.3	AC Power			○	○	●
BMOV10D101K	BMOV10D101KH	60	85	100(90~110)	25	165	2500	3500	15	18	0.4	1000	-40°C~+105°C	16.5x14x5.47	AC Power			○	○	●
BMOV10D121K	BMOV10D121KH	75	100	120(108~132)	25	200	2500	3500	18	21	0.4	830	-40°C~+105°C	16.5x14x5.67	AC Power			○	○	●
BMOV10D151K	BMOV10D151KH	95	125	150(135~165)	25	250	2500	3500	22	25	0.4	670	-40°C~+105°C	16.5x14x5.39	AC Power			○	○	●
BMOV10D181K	BMOV10D181KH	115	150	180(162~198)	25	300	2500	3500	27	30	0.4	560	-40°C~+105°C	16.5x14x5.57	AC Power			○	○	●
BMOV10D201K	BMOV10D201KH	130	170	200(180~220)	25	340	2500	3500	30	35	0.4	500	-40°C~+105°C	16.5x14x5.72	AC Power			○	○	●
BMOV10D221K	BMOV10D221KH	140	180	220(198~242)	25	360	2500	3500	32	39	0.4	450	-40°C~+105°C	16.5x14x5.81	AC Power			○	○	●
BMOV10D241K	BMOV10D241KH	150	200	240(216~264)	25	395	2500	3500	35	42	0.4	420	-40°C~+105°C	16.5x14x5.93	AC Power			○	○	●
BMOV10D271K	BMOV10D271KH	175	225	270(243~297)	25	455	2500	3500	37	42	0.4	370	-40°C~+105°C	16.5x14x6.11	AC Power			○	○	●
BMOV10D301K	BMOV10D301KH	190	250	300(270~330)	25	500	2500	3500	40	54	0.4	330	-40°C~+105°C	16.5x14x6.28	AC Power			○	○	●
BMOV10D331K	BMOV10D331KH	210	275	330(297~363)	25	550	2500	3500	43	58	0.4	300	-40°C~+105°C	16.5x14x6.46	AC Power			○	○	●
BMOV10D361K	BMOV10D361KH	230	300	360(324~396)	25	595	2500	3500	47	65	0.4	280	-40°C~+105°C	16.5x14x6.64	AC Power			○	○	●
BMOV10D391K	BMOV10D391KH	250	320	390(351~429)	25	650	2500	3500	60	70	0.4	260	-40°C~+105°C	16.5x14x6.82	AC Power			○	○	●
BMOV10D431K	BMOV10D431KH	275	350	430(387~473)	25	710	2500	3500	65	80	0.4	230	-40°C~+105°C	16.5x14x7.06	AC Power			○	○	●
BMOV10D471K	BMOV10D471KH	300	385	470(423~517)	25	775	2500	3500	67	85	0.4	210	-40°C~+105°C	16.5x14x7.29	AC Power			○	○	●
BMOV10D511K	BMOV10D511KH	320	415	510(459~561)	25	845	2500	3500	69	90	0.4	200	-40°C~+105°C	16.5x14x7.53	AC Power			○	○	●
BMOV10D561K	BMOV10D561KH	350	460	560(504~616)	25	925	2500	3500	70	92	0.4	180	-40°C~+105°C	16.5x14x7.83	AC Power			○	○	●
BMOV10D621K	BMOV10D621KH	385	505	620(558~682)	25	1025	2500	3500	72	95	0.4	160	-40°C~+105°C	16.5x14x8.29	AC Power			○	○	●
BMOV10D681K	BMOV10D681KH	420	560	680(612~748)	25	1120	2500	3500	75	98	0.4	150	-40°C~+105°C	16.5x14x8.54	AC Power			○	○	●
BMOV10D751K	BMOV10D751KH	460	615	750(675~825)	25	1240	2500	3500	77	100	0.4	130	-40°C~+105°C	16.5x14x8.63	AC Power			○	○	●
BMOV10D781K	BMOV10D781KH	485	640	780(702~858)	25	1290	2500	3500	80	105	0.4	125	-40°C~+105°C	16.5x14x8.69	AC Power			○	○	●
BMOV10D821K	BMOV10D821KH	510	670	820(738~902)	25	1355	2500	3500	85	110	0.4	120	-40°C~+105°C	16.5x14x8.9	AC Power			○	○	●
BMOV10D911K	BMOV10D911KH	550	745	910(819~1001)	25	1500	2500	3500	93	130	0.4	110	-40°C~+105°C	16.5x14x8.95	AC Power			○	○	●
BMOV10D102K	BMOV10D102KH	625	825	1000(900~1100)	25	1650	2500	3500	102	140	0.4	100	-40°C~+105°C	16.5x14x9.39	AC Power			○	○	●
BMOV10D112K	BMOV10D112KH	680	895	1100(990~1210)	25	1815	2500	3500	115	155	0.4	90	-40°C~+105°C	16.5x14x9.88	AC Power			○	○	●
BMOV14D180K	BMOV14D180KH	11	12	18(15~21.6)	10	36	1000	2000	4	7	0.1	11100	-40°C~+105°C	16.5x14x5.3	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV14D220K	BMOV14D220KH	14	18	22(19.5~26)	10	43	1000	2000	5	8	0.1	9100	-40°C~+105°C	16.5x14x5.44	AC Power			○	○	●
BMOV14D270K	BMOV14D270KH	17	22	27(24~31)	10	53	1000	2000	6	10	0.1	7400	-40°C~+105°C	16.5x14x5.64	AC Power			○	○	●
BMOV14D330K	BMOV14D330KH	20	26	33(29.5~36.5)	10	65	1000	2000	7.5	12	0.1	6100	-40°C~+105°C	16.5x14x5.83	AC Power			○	○	●
BMOV14D390K	BMOV14D390KH	25	31	39(35~43)	10	77	1000	2000	8.6	13	0.1	5100	-40°C~+105°C	16.5x14x5.61	AC Power			○	○	●
BMOV14D470K	BMOV14D470KH	30	38	47(42~52)	10	93	1000	2000	10	17	0.1	4300	-40°C~+105°C	16.5x14x5.83	AC Power			○	○	●
BMOV14D560K	BMOV14D560KH	35	45	56(50~62)	10	110	1000	2000	11	20	0.1	3600	-40°C~+105°C	16.5x14x6.08	AC Power			○	○	●
BMOV14D680K	BMOV14D680KH	40	56	68(61~75)	10	135	1000	2000	14	24	0.1	2900	-40°C~+105°C	16.5x14x6.37	AC Power			○	○	●
BMOV14D820K	BMOV14D820KH	50	65	82(74~90)	50	145	4500	6000	22	27	0.6	2400	-40°C~+105°C	16.5x14x5.31	AC Power			○	○	●
BMOV14D101K	BMOV14D101KH	60	85	100(90~110)	50	165	4500	6000	28	33	0.6	2000	-40°C~+105°C	16.5x14x5.48	AC Power			○	○	●
BMOV14D121K	BMOV14D121KH	75	100	120(108~132)	50	200	4500	6000	32	40	0.6	1700	-40°C~+105°C	16.5x14x5.68	AC Power			○	○	●
BMOV14D151K	BMOV14D151KH	95	125	150(135~165)	50	250	4500	6000	40	53	0.6	1300	-40°C~+105°C	16.5x14x5.47	AC Power			○	○	●
BMOV14D181K	BMOV14D181KH	115	150	180(162~198)	50	300	4500	6000	50	60	0.6	1100	-40°C~+105°C	16.5x14x5.66	AC Power			○	○	●
BMOV14D201K	BMOV14D201KH	130	170	200(180~220)	50	340	4500	6000	57	70	0.6	1000	-40°C~+105°C	16.5x14x5.82	AC Power			○	○	●
BMOV14D221K	BMOV14D221KH	140	180	220(198~242)	50	360	4500	6000	60	78	0.6	900	-40°C~+105°C	16.5x14x5.84	AC Power			○	○	●
BMOV14D241K	BMOV14D241KH	150	200	240(216~264)	50	395	4500	6000	63	84	0.6	830	-40°C~+105°C	16.5x14x5.97	AC Power			○	○	●
BMOV14D271K	BMOV14D271KH	175	225	270(243~297)	50	455	4500	6000	70	99	0.6	740	-40°C~+105°C	16.5x14x6.15	AC Power			○	○	●
BMOV14D301K	BMOV14D301KH	190	250	300(270~330)	50	500	4500	6000	77	108	0.6	670	-40°C~+105°C	16.5x14x6.33	AC Power			○	○	●
BMOV14D331K	BMOV14D331KH	210	275	330(297~363)	50	550	4500	6000	85	115	0.6	610	-40°C~+105°C	16.5x14x6.52	AC Power			○	○	●
BMOV14D361K	BMOV14D361KH	230	300	360(324~396)	50	595	4500	6000	93	130	0.6	560	-40°C~+105°C	16.5x14x6.7	AC Power			○	○	●
BMOV14D391K	BMOV14D391KH	250	320	390(351~429)	50	650	4500	6000	100	140	0.6	510	-40°C~+105°C	16.5x14x6.88	AC Power			○	○	●
BMOV14D431K	BMOV14D431KH	275	350	430(387~473)	50	710	4500	6000	115	155	0.6	460	-40°C~+105°C	16.5x14x7.13	AC Power			○	○	●
BMOV14D471K	BMOV14D471KH	300	385	470(423~517)	50	775	4500	6000	118	175	0.6	430	-40°C~+105°C	16.5x14x7.37	AC Power			○	○	●
BMOV14D511K	BMOV14D511KH	320	415	510(459~561)	50	845	4500	6000	121	180	0.6	390	-40°C~+105°C	16.5x14x7.62	AC Power			○	○	●
BMOV14D561K	BMOV14D561KH	350	460	560(504~616)	50	925	4500	6000	125	185	0.6	360	-40°C~+105°C	16.5x14x7.92	AC Power			○	○	●
BMOV14D621K	BMOV14D621KH	385	505	620(558~682)	50	1025	4500	6000	128	190	0.6	320	-40°C~+105°C	16.5x14x8.29	AC Power			○	○	●
BMOV14D681K	BMOV14D681KH	420	560	680(612~748)	50	1120	4500	6000	130	200	0.6	290	-40°C~+105°C	16.5x14x8.66	AC Power			○	○	●
BMOV14D751K	BMOV14D751KH	460	615	750(675~825)	50	1240	4500	6000	143	210	0.6	270	-40°C~+105°C	16.5x14x8.73	AC Power			○	○	●
BMOV14D781K	BMOV14D781KH	485	640	780(702~858)	50	1290	4500	6000	148	220	0.6	260	-40°C~+105°C	16.5x14x8.79	AC Power			○	○	●
BMOV14D821K	BMOV14D821KH	510	670	820(738~902)	50	1355	4500	6000	157	235	0.6	240	-40°C~+105°C	16.5x14x9.01	AC Power			○	○	●
BMOV14D911K	BMOV14D911KH	550	745	910(819~1001)	50	1500	4500	6000	175	255	0.6	220	-40°C~+105°C	16.5x14x9.05	AC Power			○	○	●
BMOV14D102K	BMOV14D102KH	625	825	1000(900~1100)	50	1650	4500	6000	190	280	0.6	200	-40°C~+105°C	16.5x14x9.5	AC Power			○	○	●
BMOV14D112K	BMOV14D112KH	680	895	1100(990~1210)	50	1815	4500	6000	213	310	0.6	180	-40°C~+105°C	16.5x14x10	AC Power			○	○	●

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

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV20D781K	BMOV20D781KH	485	640	780(702~858)	100	1290	6500	10000	265	440	1	510	-40°C~+105°C	26x23x7.7	AC Power			○	○	●
BMOV20D821K	BMOV20D821KH	510	670	820(738~902)	100	1355	6500	10000	282	460	1	500	-40°C~+105°C	26x23x7.9	AC Power			○	○	●
BMOV20D911K	BMOV20D911KH	550	745	910(819~1001)	100	1500	6500	10000	310	510	1	440	-40°C~+105°C	26x23x8.1	AC Power			○	○	●
BMOV20D102K	BMOV20D102KH	625	825	1000(900~1100)	100	1650	6500	10000	342	565	1	400	-40°C~+105°C	26x23x8.6	AC Power			○	○	●
BMOV20D112K	BMOV20D112KH	680	895	1100(990~1210)	100	1815	6500	10000	383	620	1	360	-40°C~+105°C	26x23x9.1	AC Power			○	○	●
BMOV20D122K	BMOV20D122KH	750	990	1200(1080~1320)	100	1980	6500	10000	408	660	1	350	-40°C~+105°C	26x23x9.7	AC Power			○	○	●
BMOV20D142K	BMOV20D142KH	880	1140	1400(1260~1540)	100	2310	6500	10000	532	784	1	340	-40°C~+105°C	26x23x11.2	AC Power			○	○	●
BMOV20D162K	BMOV20D162KH	1000	1280	1600(1440~1760)	100	2640	6500	10000	606	896	1	330	-40°C~+105°C	26x23x11.8	AC Power			○	○	●
BMOV20D182K	BMOV20D182KH	1100	1465	1800(1620~1980)	100	2970	6500	10000	625	990	1	320	-40°C~+105°C	26x23x12.8	AC Power			○	○	●
BMOV07D180KA	BMOV07D180KB	11	12	18(15~21.6)	2.5	36	250	500	0.9	2	0.02	2800	-40°C~+125°C	13x10x4.85	AC Power			○	○	●
BMOV07D220KA	BMOV07D220KB	14	18	22(19.5~26)	2.5	43	250	500	1.1	2.4	0.02	2300	-40°C~+125°C	13x10x4.98	AC Power			○	○	●
BMOV07D270KA	BMOV07D270KB	17	22	27(24~31)	2.5	53	250	500	1.4	3	0.02	1800	-40°C~+125°C	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°C~+125°C	13x10x5.35	AC Power			○	○	●
BMOV07D390KA	BMOV07D390KB	25	31	39(35~43)	2.5	77	250	500	2.1	4	0.02	1300	-40°C~+125°C	13x10x5.16	AC Power			○	○	●
BMOV07D470KA	BMOV07D470KB	30	38	47(42~52)	2.5	93	250	500	2.5	5	0.02	1100	-40°C~+125°C	13x10x5.37	AC Power			○	○	●
BMOV07D560KA	BMOV07D560KB	35	45	56(50~62)	2.5	110	250	500	3.1	6	0.02	890	-40°C~+125°C	13x10x5.6	AC Power			○	○	●
BMOV07D680KA	BMOV07D680KB	40	56	68(61~75)	2.5	135	250	500	3.6	7	0.02	740	-40°C~+125°C	13x10x5.88	AC Power			○	○	●
BMOV07D820KA	BMOV07D820KB	50	65	82(74~90)	10	145	1200	1750	5	10	0.25	600	-40°C~+125°C	13x10x4.89	AC Power			○	○	●
BMOV07D101KA	BMOV07D101KB	60	85	100(90~110)	10	165	1200	1750	6.5	12	0.25	500	-40°C~+125°C	13x10x5.06	AC Power			○	○	●
BMOV07D121KA	BMOV07D121KB	75	100	120(108~132)	10	200	1200	1750	7.8	13	0.25	420	-40°C~+125°C	13x10x5.26	AC Power			○	○	●
BMOV07D151KA	BMOV07D151KB	95	125	150(135~165)	10	250	1200	1750	9.7	15	0.25	330	-40°C~+125°C	13x10x4.99	AC Power			○	○	●
BMOV07D181KA	BMOV07D181KB	115	150	180(162~198)	10	300	1200	1750	11.7	16	0.25	280	-40°C~+125°C	13x10x5.17	AC Power			○	○	●
BMOV07D201KA	BMOV07D201KB	130	170	200(180~220)	10	340	1200	1750	13	17	0.25	250	-40°C~+125°C	13x10x5.32	AC Power			○	○	●
BMOV07D221KA	BMOV07D221KB	140	180	220(198~242)	10	360	1200	1750	14	19	0.25	230	-40°C~+125°C	13x10x5.41	AC Power			○	○	●
BMOV07D241KA	BMOV07D241KB	150	200	240(216~264)	10	395	1200	1750	15	21	0.25	210	-40°C~+125°C	13x10x5.53	AC Power			○	○	●
BMOV07D271KA	BMOV07D271KB	175	225	270(243~297)	10	455	1200	1750	18	24	0.25	185	-40°C~+125°C	13x10x5.71	AC Power			○	○	●
BMOV07D301KA	BMOV07D301KB	190	250	300(270~330)	10	500	1200	1750	20	26	0.25	165	-40°C~+125°C	13x10x5.88	AC Power			○	○	●
BMOV07D331KA	BMOV07D331KB	210	275	330(297~363)	10	550	1200	1750	23	28	0.25	150	-40°C~+125°C	13x10x6.06	AC Power			○	○	●
BMOV07D361KA	BMOV07D361KB	230	300	360(324~396)	10	595	1200	1750	24	32	0.25	140	-40°C~+125°C	13x10x6.24	AC Power			○	○	●
BMOV07D391KA	BMOV07D391KB	250	320	390(351~429)	10	650	1200	1750	26	35	0.25	130	-40°C~+125°C	13x10x6.42	AC Power			○	○	●
BMOV07D431KA	BMOV07D431KB	275	350	430(387~473)	10	710	1200	1750	28	40	0.25	115	-40°C~+125°C	13x10x6.66	AC Power			○	○	●
BMOV07D471KA	BMOV07D471KB	300	385	470(423~517)	10	775	1200	1750	29	42	0.25	105	-40°C~+125°C	13x10x6.89	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV07D511KA	BMOV07D511KB	320	415	510(459~561)	10	845	1200	1750	31	45	0.25	100	-40°C~+125°C	13x10x7.13	AC Power			○	○	●
BMOV07D561KA	BMOV07D561KB	350	460	560(504~616)	10	925	1200	1750	35	49	0.25	90	-40°C~+125°C	13x10x7.43	AC Power			○	○	●
BMOV07D621KA	BMOV07D621KB	385	505	620(558~682)	10	1025	1200	1750	38	55	0.25	80	-40°C~+125°C	13x10x7.79	AC Power			○	○	●
BMOV07D681KA	BMOV07D681KB	420	560	680(612~748)	10	1120	1200	1750	42	60	0.25	75	-40°C~+125°C	13x10x8.14	AC Power			○	○	●
BMOV07D751KA	BMOV07D751KB	460	615	750(675~825)	10	1240	1200	1750	45	64	0.25	70	-40°C~+125°C	13x10x8.56	AC Power			○	○	●
BMOV07D781KA	BMOV07D781KB	485	640	780(702~858)	10	1290	1200	1750	48	69	0.25	65	-40°C~+125°C	13x10x8.74	AC Power			○	○	●
BMOV07D821KA	BMOV07D821KB	510	670	820(738~902)	10	1355	1200	1750	52	73	0.25	60	-40°C~+125°C	13x10x8.98	AC Power			○	○	●
BMOV10D180KA	BMOV10D180KB	11	12	18(15~21.6)	5	36	500	1000	2.1	3	0.05	5600	-40°C~+125°C	16.5x14x5.27	AC Power			○	○	●
BMOV10D220KA	BMOV10D220KB	14	18	22(19.5~26)	5	43	500	1000	2.5	5	0.05	4500	-40°C~+125°C	16.5x14x5.41	AC Power			○	○	●
BMOV10D270KA	BMOV10D270KB	17	22	27(24~31)	5	53	500	1000	3	6	0.05	3700	-40°C~+125°C	16.5x14x5.61	AC Power			○	○	●
BMOV10D330KA	BMOV10D330KB	20	26	33(29.5~36.5)	5	65	500	1000	4	7	0.05	3000	-40°C~+125°C	16.5x14x5.79	AC Power			○	○	●
BMOV10D390KA	BMOV10D390KB	25	31	39(35~43)	5	77	500	1000	4.6	9	0.05	2400	-40°C~+125°C	16.5x14x5.58	AC Power			○	○	●
BMOV10D470KA	BMOV10D470KB	30	38	47(42~52)	5	93	500	1000	5.5	11	0.05	2100	-40°C~+125°C	16.5x14x5.8	AC Power			○	○	●
BMOV10D560KA	BMOV10D560KB	35	45	56(50~62)	5	110	500	1000	7	13	0.05	1800	-40°C~+125°C	16.5x14x6.04	AC Power			○	○	●
BMOV10D680KA	BMOV10D680KB	40	56	68(61~75)	5	135	500	1000	8.2	15	0.05	1500	-40°C~+125°C	16.5x14x6.32	AC Power			○	○	●
BMOV10D820KA	BMOV10D820KB	50	65	82(74~90)	25	145	2500	3500	12	17	0.4	1200	-40°C~+125°C	16.5x14x5.3	AC Power			○	○	●
BMOV10D101KA	BMOV10D101KB	60	85	100(90~110)	25	165	2500	3500	15	18	0.4	1000	-40°C~+125°C	16.5x14x5.47	AC Power			○	○	●
BMOV10D121KA	BMOV10D121KB	75	100	120(108~132)	25	200	2500	3500	18	21	0.4	830	-40°C~+125°C	16.5x14x5.67	AC Power			○	○	●
BMOV10D151KA	BMOV10D151KB	95	125	150(135~165)	25	250	2500	3500	22	25	0.4	670	-40°C~+125°C	16.5x14x5.39	AC Power			○	○	●
BMOV10D181KA	BMOV10D181KB	115	150	180(162~198)	25	300	2500	3500	27	30	0.4	560	-40°C~+125°C	16.5x14x5.57	AC Power			○	○	●
BMOV10D201KA	BMOV10D201KB	130	170	200(180~220)	25	340	2500	3500	30	35	0.4	500	-40°C~+125°C	16.5x14x5.72	AC Power			○	○	●
BMOV10D221KA	BMOV10D221KB	140	180	220(198~242)	25	360	2500	3500	32	39	0.4	450	-40°C~+125°C	16.5x14x5.81	AC Power			○	○	●
BMOV10D241KA	BMOV10D241KB	150	200	240(216~264)	25	395	2500	3500	35	42	0.4	420	-40°C~+125°C	16.5x14x5.93	AC Power			○	○	●
BMOV10D271KA	BMOV10D271KB	175	225	270(243~297)	25	455	2500	3500	37	42	0.4	370	-40°C~+125°C	16.5x14x6.11	AC Power			○	○	●
BMOV10D301KA	BMOV10D301KB	190	250	300(270~330)	25	500	2500	3500	40	54	0.4	330	-40°C~+125°C	16.5x14x6.28	AC Power			○	○	●
BMOV10D331KA	BMOV10D331KB	210	275	330(297~363)	25	550	2500	3500	43	58	0.4	300	-40°C~+125°C	16.5x14x6.46	AC Power			○	○	●
BMOV10D361KA	BMOV10D361KB	230	300	360(324~396)	25	595	2500	3500	47	65	0.4	280	-40°C~+125°C	16.5x14x6.64	AC Power			○	○	●
BMOV10D391KA	BMOV10D391KB	250	320	390(351~429)	25	650	2500	3500	60	70	0.4	260	-40°C~+125°C	16.5x14x6.82	AC Power			○	○	●
BMOV10D431KA	BMOV10D431KB	275	350	430(387~473)	25	710	2500	3500	65	80	0.4	230	-40°C~+125°C	16.5x14x7.06	AC Power			○	○	●
BMOV10D471KA	BMOV10D471KB	300	385	470(423~517)	25	775	2500	3500	67	85	0.4	210	-40°C~+125°C	16.5x14x7.29	AC Power			○	○	●
BMOV10D511KA	BMOV10D511KB	320	415	510(459~561)	25	845	2500	3500	69	90	0.4	200	-40°C~+125°C	16.5x14x7.53	AC Power			○	○	●
BMOV10D561KA	BMOV10D561KB	350	460	560(504~616)	25	925	2500	3500	70	92	0.4	180	-40°C~+125°C	16.5x14x7.83	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV10D621KA	BMOV10D621KB	385	505	620(558~682)	25	1025	2500	3500	72	95	0.4	160	-40°C~+125°C	16.5x14x8.29	AC Power			○	○	●
BMOV10D681KA	BMOV10D681KB	420	560	680(612~748)	25	1120	2500	3500	75	98	0.4	150	-40°C~+125°C	16.5x14x8.54	AC Power			○	○	●
BMOV10D751KA	BMOV10D751KB	460	615	750(675~825)	25	1240	2500	3500	77	100	0.4	130	-40°C~+125°C	16.5x14x8.63	AC Power			○	○	●
BMOV10D781KA	BMOV10D781KB	485	640	780(702~858)	25	1290	2500	3500	80	105	0.4	125	-40°C~+125°C	16.5x14x8.69	AC Power			○	○	●
BMOV10D821KA	BMOV10D821KB	510	670	820(738~902)	25	1355	2500	3500	85	110	0.4	120	-40°C~+125°C	16.5x14x8.9	AC Power			○	○	●
BMOV10D911KA	BMOV10D911KB	550	745	910(819~1001)	25	1500	2500	3500	93	130	0.4	110	-40°C~+125°C	16.5x14x8.95	AC Power			○	○	●
BMOV10D102KA	BMOV10D102KB	625	825	1000(900~1100)	25	1650	2500	3500	102	140	0.4	100	-40°C~+125°C	16.5x14x9.39	AC Power			○	○	●
BMOV10D112KA	BMOV10D112KB	680	895	1100(990~1210)	25	1815	2500	3500	115	155	0.4	90	-40°C~+125°C	16.5x14x9.88	AC Power			○	○	●
BMOV14D180KA	BMOV14D180KB	11	12	18(15~21.6)	10	36	1000	2000	4	7	0.1	11100	-40°C~+125°C	16.5x14x5.3	AC Power			○	○	●
BMOV14D220KA	BMOV14D220KB	14	18	22(19.5~26)	10	43	1000	2000	5	8	0.1	9100	-40°C~+125°C	16.5x14x5.44	AC Power			○	○	●
BMOV14D270KA	BMOV14D270KB	17	22	27(24~31)	10	53	1000	2000	6	10	0.1	7400	-40°C~+125°C	16.5x14x5.64	AC Power			○	○	●
BMOV14D330KA	BMOV14D330KB	20	26	33(29.5~36.5)	10	65	1000	2000	7.5	12	0.1	6100	-40°C~+125°C	16.5x14x5.83	AC Power			○	○	●
BMOV14D390KA	BMOV14D390KB	25	31	39(35~43)	10	77	1000	2000	8.6	13	0.1	5100	-40°C~+125°C	16.5x14x5.61	AC Power			○	○	●
BMOV14D470KA	BMOV14D470KB	30	38	47(42~52)	10	93	1000	2000	10	17	0.1	4300	-40°C~+125°C	16.5x14x5.83	AC Power			○	○	●
BMOV14D560KA	BMOV14D560KB	35	45	56(50~62)	10	110	1000	2000	11	20	0.1	3600	-40°C~+125°C	16.5x14x6.08	AC Power			○	○	●
BMOV14D680KA	BMOV14D680KB	40	56	68(61~75)	10	135	1000	2000	14	24	0.1	2900	-40°C~+125°C	16.5x14x6.37	AC Power			○	○	●
BMOV14D820KA	BMOV14D820KB	50	65	82(74~90)	50	145	4500	6000	22	27	0.6	2400	-40°C~+125°C	16.5x14x5.31	AC Power			○	○	●
BMOV14D101KA	BMOV14D101KB	60	85	100(90~110)	50	165	4500	6000	28	33	0.6	2000	-40°C~+125°C	16.5x14x5.48	AC Power			○	○	●
BMOV14D121KA	BMOV14D121KB	75	100	120(108~132)	50	200	4500	6000	32	40	0.6	1700	-40°C~+125°C	16.5x14x5.68	AC Power			○	○	●
BMOV14D151KA	BMOV14D151KB	95	125	150(135~165)	50	250	4500	6000	40	53	0.6	1300	-40°C~+125°C	16.5x14x5.47	AC Power			○	○	●
BMOV14D181KA	BMOV14D181KB	115	150	180(162~198)	50	300	4500	6000	50	60	0.6	1100	-40°C~+125°C	16.5x14x5.66	AC Power			○	○	●
BMOV14D201KA	BMOV14D201KB	130	170	200(180~220)	50	340	4500	6000	57	70	0.6	1000	-40°C~+125°C	16.5x14x5.82	AC Power			○	○	●
BMOV14D221KA	BMOV14D221KB	140	180	220(198~242)	50	360	4500	6000	60	78	0.6	900	-40°C~+125°C	16.5x14x5.84	AC Power			○	○	●
BMOV14D241KA	BMOV14D241KB	150	200	240(216~264)	50	395	4500	6000	63	84	0.6	830	-40°C~+125°C	16.5x14x5.97	AC Power			○	○	●
BMOV14D271KA	BMOV14D271KB	175	225	270(243~297)	50	455	4500	6000	70	99	0.6	740	-40°C~+125°C	16.5x14x6.15	AC Power			○	○	●
BMOV14D301KA	BMOV14D301KB	190	250	300(270~330)	50	500	4500	6000	77	108	0.6	670	-40°C~+125°C	16.5x14x6.33	AC Power			○	○	●
BMOV14D331KA	BMOV14D331KB	210	275	330(297~363)	50	550	4500	6000	85	115	0.6	610	-40°C~+125°C	16.5x14x6.52	AC Power			○	○	●
BMOV14D361KA	BMOV14D361KB	230	300	360(324~396)	50	595	4500	6000	93	130	0.6	560	-40°C~+125°C	16.5x14x6.7	AC Power			○	○	●
BMOV14D391KA	BMOV14D391KB	250	320	390(351~429)	50	650	4500	6000	100	140	0.6	510	-40°C~+125°C	16.5x14x6.88	AC Power			○	○	●
BMOV14D431KA	BMOV14D431KB	275	350	430(387~473)	50	710	4500	6000	115	155	0.6	460	-40°C~+125°C	16.5x14x7.13	AC Power			○	○	●
BMOV14D471KA	BMOV14D471KB	300	385	470(423~517)	50	775	4500	6000	118	175	0.6	430	-40°C~+125°C	16.5x14x7.37	AC Power			○	○	●
BMOV14D511KA	BMOV14D511KB	320	415	510(459~561)	50	845	4500	6000	121	180	0.6	390	-40°C~+125°C	16.5x14x7.62	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV14D561KA	BMOV14D561KB	350	460	560(504~616)	50	925	4500	6000	125	185	0.6	360	-40°C~+125°C	16.5x14x7.92	AC Power			○	○	●
BMOV14D621KA	BMOV14D621KB	385	505	620(558~682)	50	1025	4500	6000	128	190	0.6	320	-40°C~+125°C	16.5x14x8.29	AC Power			○	○	●
BMOV14D681KA	BMOV14D681KB	420	560	680(612~748)	50	1120	4500	6000	130	200	0.6	290	-40°C~+125°C	16.5x14x8.66	AC Power			○	○	●
BMOV14D751KA	BMOV14D751KB	460	615	750(675~825)	50	1240	4500	6000	143	210	0.6	270	-40°C~+125°C	16.5x14x8.73	AC Power			○	○	●
BMOV14D781KA	BMOV14D781KB	485	640	780(702~858)	50	1290	4500	6000	148	220	0.6	260	-40°C~+125°C	16.5x14x8.79	AC Power			○	○	●
BMOV14D821KA	BMOV14D821KB	510	670	820(738~902)	50	1355	4500	6000	157	235	0.6	240	-40°C~+125°C	16.5x14x9.01	AC Power			○	○	●
BMOV14D911KA	BMOV14D911KB	550	745	910(819~1001)	50	1500	4500	6000	175	255	0.6	220	-40°C~+125°C	16.5x14x9.05	AC Power			○	○	●
BMOV14D102KA	BMOV14D102KB	625	825	1000(900~1100)	50	1650	4500	6000	190	280	0.6	200	-40°C~+125°C	16.5x14x9.5	AC Power			○	○	●
BMOV14D112KA	BMOV14D112KB	680	895	1100(990~1210)	50	1815	4500	6000	213	310	0.6	180	-40°C~+125°C	16.5x14x10	AC Power			○	○	●
BMOV14D122KA	BMOV14D122KB	750	990	1200(1080~1320)	50	1980	4500	6000	232	324	0.6	160	-40°C~+125°C	16.5x14x10.5	AC Power			○	○	●
BMOV14D142KA	BMOV14D142KB	880	1140	1400(1260~1540)	50	2310	4500	6000	238	327	0.6	150	-40°C~+125°C	16.5x14x11.5	AC Power			○	○	●
BMOV14D162KA	BMOV14D162KB	1000	1280	1600(1440~1760)	50	2640	4500	6000	243	331	0.6	140	-40°C~+125°C	16.5x14x12.5	AC Power			○	○	●
BMOV14D182KA	BMOV14D182KB	1100	1465	1800(1620~1980)	50	2970	4500	5000	250	335	0.6	130	-40°C~+125°C	16.5x14x13.5	AC Power			○	○	●
BMOV20D180KA	BMOV20D180KB	11	12	18(15~21.6)	20	36	2000	3000	11	13	0.2	28500	-40°C~+125°C	26x23x4.7	AC Power			○	○	●
BMOV20D220KA	BMOV20D220KB	14	18	22(19.5~26)	20	43	2000	3000	14	16	0.2	18500	-40°C~+125°C	26x23x4.9	AC Power			○	○	●
BMOV20D270KA	BMOV20D270KB	17	22	27(24~31)	20	53	2000	3000	16	19	0.2	13000	-40°C~+125°C	26x23x5.1	AC Power			○	○	●
BMOV20D330KA	BMOV20D330KB	20	26	33(29.5~36.5)	20	65	2000	3000	23	24	0.2	11500	-40°C~+125°C	26x23x5.4	AC Power			○	○	●
BMOV20D390KA	BMOV20D390KB	25	31	39(35~43)	20	77	2000	3000	26	28	0.2	8500	-40°C~+125°C	26x23x5.5	AC Power			○	○	●
BMOV20D470KA	BMOV20D470KB	30	38	47(42~52)	20	93	2000	3000	30	34	0.2	7400	-40°C~+125°C	26x23x4.9	AC Power			○	○	●
BMOV20D560KA	BMOV20D560KB	35	45	56(50~62)	20	110	2000	3000	38	44	0.2	6500	-40°C~+125°C	26x23x5.1	AC Power			○	○	●
BMOV20D680KA	BMOV20D680KB	40	56	68(61~75)	20	135	2000	3000	41	49	0.2	5800	-40°C~+125°C	26x23x5.3	AC Power			○	○	●
BMOV20D820KA	BMOV20D820KB	50	65	82(74~90)	100	145	6500	10000	45	56	1	4900	-40°C~+125°C	26x23x4.7	AC Power			○	○	●
BMOV20D101KA	BMOV20D101KB	60	85	100(90~110)	100	165	6500	10000	50	70	1	4000	-40°C~+125°C	26x23x4.9	AC Power			○	○	●
BMOV20D121KA	BMOV20D121KB	75	100	120(108~132)	100	200	6500	10000	55	85	1	3300	-40°C~+125°C	26x23x5.1	AC Power			○	○	●
BMOV20D151KA	BMOV20D151KB	95	125	150(135~165)	100	250	6500	10000	70	106	1	2700	-40°C~+125°C	26x23x5.4	AC Power			○	○	●
BMOV20D181KA	BMOV20D181KB	115	150	180(162~198)	100	300	6500	10000	85	130	1	2200	-40°C~+125°C	26x23x4.7	AC Power			○	○	●
BMOV20D201KA	BMOV20D201KB	130	170	200(180~220)	100	340	6500	10000	95	140	1	2000	-40°C~+125°C	26x23x4.9	AC Power			○	○	●
BMOV20D221KA	BMOV20D221KB	140	180	220(198~242)	100	360	6500	10000	100	155	1	1800	-40°C~+125°C	26x23x4.9	AC Power			○	○	●
BMOV20D241KA	BMOV20D241KB	150	200	240(216~264)	100	395	6500	10000	108	168	1	1650	-40°C~+125°C	26x23x5	AC Power			○	○	●
BMOV20D271KA	BMOV20D271KB	175	225	270(243~297)	100	455	6500	10000	127	190	1	1500	-40°C~+125°C	26x23x5.2	AC Power			○	○	●
BMOV20D301KA	BMOV20D301KB	190	250	300(270~330)	100	500	6500	10000	136	210	1	1300	-40°C~+125°C	26x23x5.2	AC Power			○	○	●
BMOV20D331KA	BMOV20D331KB	210	275	330(297~363)	100	550	6500	10000	150	228	1	1200	-40°C~+125°C	26x23x5.4	AC Power			○	○	●

产品型号 Part Number 常规 Normal Energy	产品型号 Part Number 高能 High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current I (A) Standard	通流能力 Withstanding Surge Current I (A) High Surge	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	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	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV20D361KA	BMOV20D361KB	230	300	360(324~396)	100	595	6500	10000	163	255	1	1100	-40°C~+125°C	26x23x5.4	AC Power			○	○	●
BMOV20D391KA	BMOV20D391KB	250	320	390(351~429)	100	650	6500	10000	180	275	1	1000	-40°C~+125°C	26x23x5.6	AC Power			○	○	●
BMOV20D431KA	BMOV20D431KB	275	350	430(387~473)	100	710	6500	10000	190	305	1	930	-40°C~+125°C	26x23x5.9	AC Power			○	○	●
BMOV20D471KA	BMOV20D471KB	300	385	470(423~517)	100	775	6500	10000	204	350	1	8500	-40°C~+125°C	26x23x6	AC Power			○	○	●
BMOV20D511KA	BMOV20D511KB	320	415	510(459~561)	100	845	6500	10000	210	360	1	780	-40°C~+125°C	26x23x6.2	AC Power			○	○	●
BMOV20D561KA	BMOV20D561KB	350	460	560(504~616)	100	925	6500	10000	215	380	1	710	-40°C~+125°C	26x23x6.5	AC Power			○	○	●
BMOV20D621KA	BMOV20D621KB	385	505	620(558~682)	100	1025	6500	10000	224	390	1	650	-40°C~+125°C	26x23x6.8	AC Power			○	○	●
BMOV20D681KA	BMOV20D681KB	420	560	680(612~748)	100	1120	6500	10000	230	400	1	600	-40°C~+125°C	26x23x7.1	AC Power			○	○	●
BMOV20D751KA	BMOV20D751KB	460	615	750(675~825)	100	1240	6500	10000	255	420	1	530	-40°C~+125°C	26x23x7.5	AC Power			○	○	●
BMOV20D781KA	BMOV20D781KB	485	640	780(702~858)	100	1290	6500	10000	265	440	1	510	-40°C~+125°C	26x23x7.7	AC Power			○	○	●
BMOV20D821KA	BMOV20D821KB	510	670	820(738~902)	100	1355	6500	10000	282	460	1	500	-40°C~+125°C	26x23x7.9	AC Power			○	○	●
BMOV20D911KA	BMOV20D911KB	550	745	910(819~1001)	100	1500	6500	10000	310	510	1	440	-40°C~+125°C	26x23x8.1	AC Power			○	○	●
BMOV20D102KA	BMOV20D102KB	625	825	1000(900~1100)	100	1650	6500	10000	342	565	1	400	-40°C~+125°C	26x23x8.6	AC Power			○	○	●
BMOV20D112KA	BMOV20D112KB	680	895	1100(990~1210)	100	1815	6500	10000	383	620	1	360	-40°C~+125°C	26x23x9.1	AC Power			○	○	●
BMOV20D122KA	BMOV20D122KB	750	990	1200(1080~1320)	100	1980	6500	10000	408	660	1	350	-40°C~+125°C	26x23x9.7	AC Power			○	○	●
BMOV20D142KA	BMOV20D142KB	880	1140	1400(1260~1540)	100	2310	6500	10000	532	784	1	340	-40°C~+125°C	26x23x11.2	AC Power			○	○	●
BMOV20D162KA	BMOV20D162KB	1000	1280	1600(1440~1760)	100	2640	6500	10000	606	896	1	330	-40°C~+125°C	26x23x11.8	AC Power			○	○	●
BMOV20D182KA	BMOV20D182KB	1100	1465	1800(1620~1980)	100	2970	6500	10000	625	990	1	320	-40°C~+125°C	26x23x12.8	AC Power			○	○	●

产品型号 Part Number 超高能 Super High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	最大允许应用电压 Maximum Allowable Voltage V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	最大钳位电压 Maximum Clamping Voltage V_C (A)	通流能力 Withstanding Surge Current Surge Waveform (μs)	通流能力 Withstanding Surge Current Time	焦耳值 Maximum Energy (10/1000μs) (J) Standard	焦耳值 Maximum Energy (10/1000μs) (J) High Surge	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference) @1KHz (pf)	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BMOV20D301K-J	190	250	300(270~330)	100	500	8/20μs 10KA	30	136	210	1	1300	25x23x8	AC Power			○	○	●
BMOV20D331K-J	210	275	330(297~363)	100	550	8/20μs 10KA	30	150	228	1	1200	25x23x8	AC Power			○	○	●
BMOV20D361K-J	230	300	360(324~396)	100	595	8/20μs 10KA	30	163	255	1	1100	25x23x9	AC Power			○	○	●
BMOV20D391K-J	250	320	390(351~429)	100	650	8/20μs 10KA	30	180	275	1	1000	25x23x9	AC Power			○	○	●
BMOV20D431K-J	275	350	430(387~473)	100	710	8/20μs 10KA	30	190	305	1	930	25x23x10	AC Power			○	○	●
BMOV20D471K-J	300	385	470(423~517)	100	775	8/20μs 10KA	30	204	350	1	8500	25x23x10	AC Power			○	○	●
BMOV20D511K-J	320	415	510(459~561)	100	845	8/20μs 10KA	30	210	360	1	780	25x23x11	AC Power			○	○	●
BMOV20D561K-J	350	460	560(504~616)	100	925	8/20μs 10KA	30	215	380	1	710	25x23x11	AC Power			○	○	●
BMOV20D621K-J	385	505	620(558~682)	100	1025	8/20μs 10KA	30	224	390	1	650	25x23x12	AC Power			○	○	●
BMOV20D681K-J	420	560	680(612~748)	100	1120	8/20μs 10KA	30	230	400	1	600	25x23x12	AC Power			○	○	●

产品型号 Part Number 超高能 Super High Energy	最大允许应用电压 Maximum Allowable Voltage V_{AC} (V)	V_{DC} (V)	1mA压敏电压 Varistor Voltage V_{1mA} (V)	最大钳位电压 Maximum Clamping Voltage I_P (A)	V_C (A)	通流能力 Withstanding Surge Current Surge Waveform (μs)	Time	焦耳值 Maximum Energy (10/1000μs) (J) Standard	(J) High Surge	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference) @1KHz (pf)	尺寸 Size LxWxH(mm)	应用 Application	电路符号 Circuit	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BMOV14D301K-J	190	250	300(270~330)	50	500	1.2/50-8/20μs 10kV-2Ω	40	77	108	0.6	670	19x17x6	AC Power			○	○	●
BMOV14D331K-J	210	275	330(297~363)	50	550	1.2/50-8/20μs 10kV-2Ω	40	85	115	0.6	610	19x17x6	AC Power			○	○	●
BMOV14D361K-J	230	300	360(324~396)	50	595	1.2/50-8/20μs 10kV-2Ω	40	93	130	0.6	560	19x17x6	AC Power			○	○	●
BMOV14D391K-J	250	320	390(351~429)	50	650	1.2/50-8/20μs 10kV-2Ω	40	100	140	0.6	510	19x17x6	AC Power			○	○	●
BMOV14D431K-J	275	350	430(387~473)	50	710	1.2/50-8/20μs 10kV-2Ω	40	115	155	0.6	460	19x17x7	AC Power			○	○	●
BMOV14D471K-J	300	385	470(423~517)	50	775	1.2/50-8/20μs 10kV-2Ω	40	118	175	0.6	430	19x17x7	AC Power			○	○	●
BMOV14D511K-J	320	415	510(459~561)	50	845	1.2/50-8/20μs 10kV-2Ω	40	121	180	0.6	390	19x17x7	AC Power			○	○	●
BMOV14D561K-J	350	460	560(504~616)	50	925	1.2/50-8/20μs 10kV-2Ω	40	125	185	0.6	360	19x17x7	AC Power			○	○	●
BMOV14D621K-J	385	505	620(558~682)	50	1025	1.2/50-8/20μs 10kV-2Ω	40	128	190	0.6	320	19x17x7	AC Power			○	○	●
BMOV14D681K-J	420	560	680(612~748)	50	1120	1.2/50-8/20μs 10kV-2Ω	40	130	200	0.6	290	19x17x7	AC Power			○	○	●
BMOV10D301K-J	190	250	300(270~330)	25	500	1.2/50-8/20μs 6kV-2Ω	40	40	54	0.4	330	14x12x6	AC Power			○	○	●
BMOV10D331K-J	210	275	330(297~363)	25	550	1.2/50-8/20μs 6kV-2Ω	40	43	58	0.4	300	14x12x6	AC Power			○	○	●
BMOV10D361K-J	230	300	360(324~396)	25	595	1.2/50-8/20μs 6kV-2Ω	40	47	65	0.4	280	14x12x6	AC Power			○	○	●
BMOV10D391K-J	250	320	390(351~429)	25	650	1.2/50-8/20μs 6kV-2Ω	40	60	70	0.4	260	14x12x6	AC Power			○	○	●
BMOV10D431K-J	275	350	430(387~473)	25	710	1.2/50-8/20μs 6kV-2Ω	40	65	80	0.4	230	14x12x7	AC Power			○	○	●
BMOV10D471K-J	300	385	470(423~517)	25	775	1.2/50-8/20μs 6kV-2Ω	40	67	85	0.4	210	14x12x7	AC Power			○	○	●
BMOV10D511K-J	320	415	510(459~561)	25	845	1.2/50-8/20μs 6kV-2Ω	40	69	90	0.4	200	14x12x7	AC Power			○	○	●
BMOV10D561K-J	350	460	560(504~616)	25	925	1.2/50-8/20μs 6kV-2Ω	40	70	92	0.4	180	14x12x7	AC Power			○	○	●
BMOV10D621K-J	385	505	620(558~682)	25	1025	1.2/50-8/20μs 6kV-2Ω	40	72	95	0.4	160	14x12x7	AC Power			○	○	●
BMOV10D681K-J	420	560	680(612~748)	25	1120	1.2/50-8/20μs 6kV-2Ω	40	75	98	0.4	150	14x12x7	AC Power			○	○	●
BMOV10D301K-JS	190	250	300(270~330)	10	500	1.2/50-8/20μs 4kV-2Ω	120	20	26	0.25	165	13x11x6	AC Power			○	○	●
BMOV10D331K-JS	210	275	330(297~363)	10	550	1.2/50-8/20μs 4kV-2Ω	120	23	28	0.25	150	13x11x6	AC Power			○	○	●
BMOV10D361K-JS	230	300	360(324~396)	10	595	1.2/50-8/20μs 4kV-2Ω	120	24	32	0.25	140	13x11x6	AC Power			○	○	●
BMOV10D391K-JS	250	320	390(351~429)	10	650	1.2/50-8/20μs 4kV-2Ω	120	26	35	0.25	130	13x11x6	AC Power			○	○	●
BMOV10D431K-JS	275	350	430(387~473)	10	710	1.2/50-8/20μs 4kV-2Ω	120	28	40	0.25	115	13x11x6	AC Power			○	○	●
BMOV10D471K-JS	300	385	470(423~517)	10	775	1.2/50-8/20μs 4kV-2Ω	120	29	42	0.25	105	13x11x7	AC Power			○	○	●
BMOV10D511K-JS	320	415	510(459~561)	10	845	1.2/50-8/20μs 4kV-2Ω	120	31	45	0.25	100	13x11x7	AC Power			○	○	●
BMOV10D561K-JS	350	460	560(504~616)	10	925	1.2/50-8/20μs 4kV-2Ω	120	35	49	0.25	90	13x11x7	AC Power			○	○	●
BMOV10D621K-JS	385	505	620(558~682)	10	1025	1.2/50-8/20μs 4kV-2Ω	120	38	55	0.25	80	13x11x7	AC Power			○	○	●
BMOV10D681K-JS	420	560	680(612~748)	10	1120	1.2/50-8/20μs 4kV-2Ω	120	42	60	0.25	75	13x11x7	AC Power			○	○	●

产品型号 Part Number	不动作电压 Off state Voltage VDRM (V)	ID (μA) Max	转折电压 Switching Voltage Vs (V) Max	Is (mA)	通态电压 On state Voltage VT (V) Max	IT (A)	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	备注 Remarks UL497B	UL1449	New products
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	3.8x1.8x1.35	video			○	○	○
BS0060M-2	6	5	25	800	4	2.2	≥10	10	1.2/50	3(42Ω)	SMA	B006M-2	5.0x2.5x2.3	video			○	○	○
BS0060M-3	6	5	25	800	4	2.2	≥10	20	1.2/50	4(42Ω)	SMA	B006M-3	5.0x2.5x2.3	video			○	○	○
BS0060M	6	5	25	800	4	2.2	≥50	50	10/700	2	SMA	B006M	5.0x2.5x2.3	video			○	○	○
BS0060M-BH	6	5	25	800	4	2.2	≥10	20	10/700	4	SMA	B006M	5.0x2.5x2.3	video			○	○	○
BS0060M-BC	6	5	15	800	4	2.2	≥15	80	10/700	4	SMA	6MSA	5.0x2.5x2.3	video			○	○	○
BS0080M	6	5	25	800	4	2.2	≥50	60	10/700	3	SMA	B008M	5.0x2.5x2.3	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	5.4x3.3x2.0	video			●	○	○
BS0060N-C-FLC	6	5	25	800	4	2.2	≥15	55	10/700	6	SMB-F	6NCLC	5.4x3.3x2.0	video			●	○	○
BS0060N-C-FS	6	5	25	800	4	2.2	≥15	25	10/700	6	SMB-F	6NCS	5.4x3.3x2.0	video			○	○	○
BS0300N-C-F	25	5	40	800	4	2.2	≥50	100	10/700	6	SMB-F	B03NC	5.4x3.3x2.0	RS485/232/422			○	○	○
BS0640N-C-F	58	5	77	800	4	2.2	≥150	100	10/700	6	SMB-F	B06NC	5.4x3.3x2.0	POE			●	○	○
BS1100N-A1-F	95	5	130	800	4	2.2	≥120	100	10/700	3	SMB-F	B11NA1	5.4x3.3x2.0	SLIC			●	○	○
BS1100N-D1	95	5	130	800	4	2.2	≥50	150	8/20	800A	SMB-F	B11ND1	5.4x3.3x2.0	SLIC			●	○	○
BS1100N-D1-L	115	5	135	800	4	2.2	≥120	160	8/20	800A	SMB-F	B11ND1L	5.4x3.3x2.0	SLIC			○	○	○
BS1300N-C-F	120	5	160	800	4	2.2	≥120	80	10/700	6	SMB-F	B13NC	5.4x3.3x2.0	IPC			○	○	○
BS2300N-A-F	190	5	260	800	4	2.2	≥150	25	10/700	3	SMB-F	B23NA	5.4x3.3x2.0	xDSL			○	○	○
BS2300N-F	190	5	260	800	4	2.2	≥150	80	10/700	4	SMB-F	B23NB	5.4x3.3x2.0	xDSL/SLIC			●	○	○
BS2300N-C-F	190	5	260	800	4	2.2	≥150	45	10/700	6	SMB-F	B23NC	5.4x3.3x2.0	RJ11			●	○	○
BS3100N-F	275	5	350	800	4	2.2	≥150	60	10/700	4	SMB-F	B31NB	5.4x3.3x2.0	Ethernet			●	○	○

产品型号 Part Number	不动作电压 Off state Voltage VDRM (V)	ID (μA) Max	转折电压 Switching Vs (V) Max	Voltage Is (mA)	通态电压 On state Voltage VT (V) Max	IT (A)	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	备注 Remarks UL497B	UL1449	New products
BS3100N-C-F	275	5	350	800	4	2.2	≥120	80	10/700	6	SMB-F	B31NC	5.4x3.3x2.0	Rj45			●	○	○
BS3100N-E-F	275	5	350	800	4	2.2	≥50	100	10/1000	200A	SMB-F	B31NE	5.4x3.3x2.0	Ethernet			●	○	○
BS3500N-F	320	5	400	800	4	2.2	≥150	25	10/700	4	SMB-F	B35NB	5.4x3.3x2.0	xDSL			○	○	○
BS3500N-C-F	320	5	400	800	4	2.2	≥150	35	10/700	6	SMB-F	B35NC	5.4x3.3x2.0	xDSL			●	○	○
BS4200N-C-F	400	5	520	800	4	2.2	≤50	35	10/700	6	SMB-F	B42NC	5.4x3.3x2.0	Ethernet			●	○	○
BS4200N-D-F	400	5	520	800	4	2.2	≤50	35	10/700	8	SMB-F	B42ND	5.4x3.3x2.0	Ethernet			●	○	○
BS8000N-C-F	750	5	1000	800	4	2.2	≤50	50	10/700	6	SMB-F	B80NC	5.4x3.3x2.0	Ethernet			●	○	○
BS8000N-C-F-1	850	5	1000	800	4	2.2	≤50	50	10/700	6	SMB-F	B80NC	5.4x3.3x2.0	Ethernet			●	○	○
BS0060N-2C	6	5	25	800	4	2.2	≥15	120	10/700	6	SMB-T	B006N2C	5.4x3.3x2.0	video			●	○	○
BS0300N-2C	25	5	40	800	4	2.2	≥50	100	10/700	6	SMB-T	B03N2C	5.4x3.3x2.0	RS485/232/422			○	○	○
BS0640N-2C	58	5	77	800	4	2.2	≥150	100	10/700	6	SMB-T	B06N2C	5.4x3.3x2.0	Ethernet			○	○	○
BS4200N-2C	400	5	520	800	4	2.2	≤50	35	10/700	6	SMB-T	B422NC	5.4x3.3x2.0	Ethernet			○	○	○
BS3500N-2B	320	5	400	800	4	2.2	≥10	50	10/700	4	SMB-T	B35N2B	5.4x3.3x2.0	Ethernet			●	○	○
BS3500N-2C	320	5	520	800	4	2.2	≤400	35	10/700	6	SMB-T	B35N2C	5.4x3.3x2.0	Ethernet			●	○	○
BS0060N-2B	6	5	25	800	4	2.2	≥15	90	10/700	4	SMB-T	B006N2B	5.4x3.3x2.0	RS485			●	○	○
BS1100N-2A1	95	5	130	800	4	2.2	≥120	100	10/700	2	SMB-T	B11N2A1	5.4x3.3x2.0	SLIC			●	○	○
BS0060U-2G	6	5	25	800	4	2.2	≥50	1000	8/20	3	SMC-T	B006U2G1	8.0x5.9x2.0	RS485/232/422			●	○	○
BS0060U-2G-1	6	5	25	800	4	2.2	≥50	700	8/20	3	SMC-T	B006U2G1	8.0x5.9x2.0	RS485/232/422			●	○	○
BS0060U-2G-2	6	5	25	800	4	2.2	≥50	700	8/20	3	SMC-T	B006U2G	8.0x5.9x2.0	RS485/232/422			●	○	○
BS4200Q-C	400	5	520	800	4	2.2	50	35	10/700	6	DFN	B420QC	3.3x3.3x1.0	Ethernet			●	○	○
BS0080S23-5	8	5	15	500	4	1	≥50	10	8/20	50A	SOT23-5	B008S23-5	3.0x2.8x1.25	xDSL			○	○	○
BS0120S23-5	12	5	20	500	4	1	≥20	10	8/20	50A	SOT23-5	B012S23-5	3.0x2.8x1.25	xDSL			○	○	○
BS0180S23-5	18	5	25	500	4	1	≥20	10	8/20	50A	SOT23-5	B018S23-5	3.0x2.8x1.25	xDSL			○	○	○
BS0240S23-5	24	5	35	500	4	1	≥20	10	8/20	50A	SOT23-5	B024S23-5	3.0x2.8x1.25	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	5.45x3.75x2.6	RS485/232/422			○	○	●
BS0640N-C1-L	58	5	63.5	80	4	2.2	≥30	100	8/20	1	SMB	B06NC1L	5.45x3.75x2.6	POE			○	○	●
BS1280N-C1-L	116	5	160	800	4	2.2	≥30	100	8/20	1	SMB	B06NC1L	5.45x3.75x2.6	POE			○	○	●

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMAJ5CA	BV-SMAJ5A	5	800	6.4	7	10	9.2	43.5	10/1000	400	SMA	5.25x2.85x2.5	A5C	A5	DC Power				○	○	○
BV-SMAJ6CA	BV-SMAJ6A	6	800	6.67	7.37	10	10.3	38.8	10/1000	400	SMA	5.25x2.85x2.5	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	5.25x2.85x2.5	A6.5C	A6.5	DC Power				○	○	○
BV-SMAJ7CA	BV-SMAJ7A	7	200	7.78	8.6	10	12	33.3	10/1000	400	SMA	5.25x2.85x2.5	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	5.25x2.85x2.5	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	5.25x2.85x2.5	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	5.25x2.85x2.5	A8.5C	A8.5	DC Power				○	○	○
BV-SMAJ9CA	BV-SMAJ9A	9	10	10	11.1	1	15.4	26	10/1000	400	SMA	5.25x2.85x2.5	A9C	A9	DC Power				○	○	○
BV-SMAJ10CA	BV-SMAJ10A	10	5	11.1	12.3	1	17	23.5	10/1000	400	SMA	5.25x2.85x2.5	A10C	A10	DC Power				○	○	○
BV-SMAJ11CA	BV-SMAJ11A	11	1	12.2	13.5	1	18.2	22	10/1000	400	SMA	5.25x2.85x2.5	A11C	A11	DC Power				○	○	○
BV-SMAJ12CA	BV-SMAJ12A	12	1	13.3	14.7	1	19.9	20.1	10/1000	400	SMA	5.25x2.85x2.5	A12C	A12	DC Power				○	○	○
BV-SMAJ13CA	BV-SMAJ13A	13	1	14.4	15.9	1	21.5	18.6	10/1000	400	SMA	5.25x2.85x2.5	A13C	A13	DC Power				○	○	○
BV-SMAJ14CA	BV-SMAJ14A	14	1	15.6	17.2	1	23.2	17.2	10/1000	400	SMA	5.25x2.85x2.5	A14C	A14	DC Power				○	○	○
BV-SMAJ15CA	BV-SMAJ15A	15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SMA	5.25x2.85x2.5	A15C	A15	DC Power				○	○	○
BV-SMAJ16CA	BV-SMAJ16A	16	1	17.8	19.7	1	26	15.4	10/1000	400	SMA	5.25x2.85x2.5	A16C	A16	DC Power				○	○	○
BV-SMAJ17CA	BV-SMAJ17A	17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SMA	5.25x2.85x2.5	A17C	A17	DC Power				○	○	○
BV-SMAJ18CA	BV-SMAJ18A	18	1	20	22.1	1	29.2	13.7	10/1000	400	SMA	5.25x2.85x2.5	A18C	A18	DC Power				○	○	○
BV-SMAJ20CA	BV-SMAJ20A	20	1	22.2	24.5	1	32.4	12.3	10/1000	400	SMA	5.25x2.85x2.5	A20C	A20	DC Power				○	○	○
BV-SMAJ22CA	BV-SMAJ22A	22	1	24.4	26.9	1	35.5	11.3	10/1000	400	SMA	5.25x2.85x2.5	A22C	A22	DC Power				○	○	○
BV-SMAJ24CA	BV-SMAJ24A	24	1	26.7	29.5	1	38.9	10.3	10/1000	400	SMA	5.25x2.85x2.5	A24C	A24	DC Power				○	○	○
BV-SMAJ26CA	BV-SMAJ26A	26	1	28.9	31.9	1	42.1	9.5	10/1000	400	SMA	5.25x2.85x2.5	A26C	A26	DC Power				○	○	○
BV-SMAJ28CA	BV-SMAJ28A	28	1	31.1	34.4	1	45.4	8.8	10/1000	400	SMA	5.25x2.85x2.5	A28C	A28	DC Power				○	○	○
BV-SMAJ30CA	BV-SMAJ30A	30	1	33.3	36.8	1	48.4	8.3	10/1000	400	SMA	5.25x2.85x2.5	A30C	A30	DC Power				○	○	○
BV-SMAJ33CA	BV-SMAJ33A	33	1	36.7	40.6	1	53.3	7.5	10/1000	400	SMA	5.25x2.85x2.5	A33C	A33	DC Power				○	○	○
BV-SMAJ36CA	BV-SMAJ36A	36	1	40	44.2	1	58.1	6.9	10/1000	400	SMA	5.25x2.85x2.5	A36C	A36	DC Power				○	○	○
BV-SMAJ40CA	BV-SMAJ40A	40	1	44.4	49.1	1	64.5	6.2	10/1000	400	SMA	5.25x2.85x2.5	A40C	A40	DC Power				○	○	○
BV-SMAJ43CA	BV-SMAJ43A	43	1	47.8	52.8	1	69.4	5.8	10/1000	400	SMA	5.25x2.85x2.5	A43C	A43	DC Power				○	○	○
BV-SMAJ45CA	BV-SMAJ45A	45	1	50	55.3	1	72.7	5.5	10/1000	400	SMA	5.25x2.85x2.5	A45C	A45	DC Power				○	○	○
BV-SMAJ48CA	BV-SMAJ48A	48	1	53.3	58.9	1	77.4	5.2	10/1000	400	SMA	5.25x2.85x2.5	A48C	A48	DC Power				○	○	○
BV-SMAJ51CA	BV-SMAJ51A	51	1	56.7	62.7	1	82.4	4.9	10/1000	400	SMA	5.25x2.85x2.5	A51C	A51	DC Power				○	○	○
BV-SMAJ54CA	BV-SMAJ54A	54	1	60	66.3	1	87.1	4.6	10/1000	400	SMA	5.25x2.85x2.5	A54C	A54	DC Power				○	○	○
BV-SMAJ58CA	BV-SMAJ58A	58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SMA	5.25x2.85x2.5	A58C	A58	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMAJ60CA	BV-SMAJ60A	60	1	66.7	73.7	1	96.8	4.1	10/1000	400	SMA	5.25x2.85x2.5	A60C	A60	DC Power				○	○	○
BV-SMAJ64CA	BV-SMAJ64A	64	1	71.1	78.6	1	103	3.9	10/1000	400	SMA	5.25x2.85x2.5	A64C	A64	DC Power				○	○	○
BV-SMAJ70CA	BV-SMAJ70A	70	1	77.8	86	1	113	3.5	10/1000	400	SMA	5.25x2.85x2.5	A70C	A70	DC Power				○	○	○
BV-SMAJ75CA	BV-SMAJ75A	75	1	83.3	92.1	1	121	3.3	10/1000	400	SMA	5.25x2.85x2.5	A75C	A75	DC Power				○	○	○
BV-SMAJ78CA	BV-SMAJ78A	78	1	86.7	95.8	1	126	3.2	10/1000	400	SMA	5.25x2.85x2.5	A78C	A78	DC Power				○	○	○
BV-SMAJ85CA	BV-SMAJ85A	85	1	94.4	104	1	137	2.9	10/1000	400	SMA	5.25x2.85x2.5	A85C	A85	DC Power				○	○	○
BV-SMAJ90CA	BV-SMAJ90A	90	1	100	111	1	146	2.7	10/1000	400	SMA	5.25x2.85x2.5	A90C	A90	DC Power				○	○	○
BV-SMAJ100CA	BV-SMAJ100A	100	1	111	123	1	162	2.5	10/1000	400	SMA	5.25x2.85x2.5	A100C	A100	DC Power				○	○	○
BV-SMAJ110CA	BV-SMAJ110A	110	1	122	135	1	177	2.3	10/1000	400	SMA	5.25x2.85x2.5	A110C	A110	DC Power				○	○	○
BV-SMAJ120CA	BV-SMAJ120A	120	1	133	147	1	193	2.1	10/1000	400	SMA	5.25x2.85x2.5	A120C	A120	DC Power				○	○	○
BV-SMAJ130CA	BV-SMAJ130A	130	1	144	159	1	209	1.9	10/1000	400	SMA	5.25x2.85x2.5	A130C	A130	DC Power				○	○	○
BV-SMAJ150CA	BV-SMAJ150A	150	1	167	185	1	243	1.6	10/1000	400	SMA	5.25x2.85x2.5	A150C	A150	DC Power				○	○	○
BV-SMAJ160CA	BV-SMAJ160A	160	1	178	197	1	259	1.5	10/1000	400	SMA	5.25x2.85x2.5	A160C	A160	DC Power				○	○	○
BV-SMAJ170CA	BV-SMAJ170A	170	1	189	209	1	275	1.5	10/1000	400	SMA	5.25x2.85x2.5	A170C	A170	DC Power				○	○	○
BV-SMAJ180C	BV-SMAJ180A	180	1	201	222	1	292	1.4	10/1000	400	SMA	5.25x2.85x2.5	A180C	A180	DC Power				○	○	○
BV-SMAJ200C	BV-SMAJ200A	200	1	224	247	1	324	1.2	10/1000	400	SMA	5.25x2.85x2.5	A200C	A200	DC Power				○	○	○
BV-SMAJ220C	BV-SMAJ220A	220	1	246	272	1	356	1.1	10/1000	400	SMA	5.25x2.85x2.5	A220C	A220	DC Power				○	○	○
BV-SMAJ250C	BV-SMAJ250A	250	1	279	309	1	405	1	10/1000	400	SMA	5.25x2.85x2.5	A250C	A250	DC Power				○	○	○
BV-SMAJ300C	BV-SMAJ300A	300	1	335	371	1	486	0.8	10/1000	400	SMA	5.25x2.85x2.5	A300C	A300	DC Power				○	○	○
BV-SMAJ350C	BV-SMAJ350A	350	1	391	432	1	567	0.7	10/1000	400	SMA	5.25x2.85x2.5	A350C	A350	DC Power				○	○	○
BV-SMAJ400C	BV-SMAJ400A	400	1	447	494	1	648	0.6	10/1000	400	SMA	5.25x2.85x2.5	A400C	A400	DC Power				○	○	○
BV-SMAJ440C	BV-SMAJ440A	440	1	492	543	1	713	0.6	10/1000	400	SMA	5.25x2.85x2.5	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	5.45x3.75x2.6	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	5.45x3.75x2.6	B6.5C	B6.5	DC Power				○	○	○
BV-SMBJ7CA	BV-SMBJ7A	7	200	7.78	8.6	10	12	50	10/1000	600	SMB	5.45x3.75x2.6	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	5.45x3.75x2.6	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	5.45x3.75x2.6	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	5.45x3.75x2.6	B8.5C	B8.5	DC Power				○	○	○
BV-SMBJ9CA	BV-SMBJ9A	9	10	10	11.1	1	15.4	39	10/1000	600	SMB	5.45x3.75x2.6	B9C	B9	DC Power				○	○	○
BV-SMBJ10CA	BV-SMBJ10A	10	5	11.1	12.3	1	17	35.3	10/1000	600	SMB	5.45x3.75x2.6	B10C	B10	DC Power				○	○	○
BV-SMBJ11CA	BV-SMBJ11A	11	1	12.2	13.5	1	18.2	33	10/1000	600	SMB	5.45x3.75x2.6	B11C	B11	DC Power				○	○	○

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

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMBJ130CA	BV-SMBJ130A	130	1	144	159	1	209	2.9	10/1000	600	SMB	5.45x3.75x2.6	B130C	B130	DC Power				○	○	○
BV-SMBJ150CA	BV-SMBJ150A	150	1	167	185	1	243	2.5	10/1000	600	SMB	5.45x3.75x2.6	B150C	B150	DC Power				○	○	○
BV-SMBJ160CA	BV-SMBJ160A	160	1	178	197	1	259	2.3	10/1000	600	SMB	5.45x3.75x2.6	B160C	B160	DC Power				○	○	○
BV-SMBJ170CA	BV-SMBJ170A	170	1	189	209	1	275	2.2	10/1000	600	SMB	5.45x3.75x2.6	B170C	B170	DC Power				○	○	○
BV-SMBJ180CA	BV-SMBJ180A	180	1	201	222	1	292	2.1	10/1000	600	SMB	5.45x3.75x2.6	B180C	B180	DC Power				○	○	○
BV-SMBJ188CA	BV-SMBJ188A	188	1	209	231	1	304	2	10/1000	600	SMB	5.45x3.75x2.6	B188C	B188	DC Power				○	○	○
BV-SMBJ200CA	BV-SMBJ200A	200	1	224	247	1	324	1.9	10/1000	600	SMB	5.45x3.75x2.6	B200C	B200	DC Power				○	○	○
BV-SMBJ220CA	BV-SMBJ220A	220	1	246	272	1	356	1.7	10/1000	600	SMB	5.45x3.75x2.6	B220C	B220	DC Power				○	○	○
BV-SMBJ250CA	BV-SMBJ250A	250	1	279	309	1	405	1.5	10/1000	600	SMB	5.45x3.75x2.6	B250C	B250	DC Power				○	○	○
BV-SMBJ300CA	BV-SMBJ300A	300	1	335	371	1	486	1.3	10/1000	600	SMB	5.45x3.75x2.6	B300C	B300	DC Power				○	○	○
BV-SMBJ350CA	BV-SMBJ350A	350	1	391	432	1	567	1.1	10/1000	600	SMB	5.45x3.75x2.6	B350C	B350	DC Power				○	○	○
BV-SMBJ400CA	BV-SMBJ400A	400	1	447	494	1	648	0.9	10/1000	600	SMB	5.45x3.75x2.6	B400C	B400	DC Power				○	○	○
BV-SMBJ440CA	BV-SMBJ440A	440	1	492	543	1	713	0.9	10/1000	600	SMB	5.45x3.75x2.6	B440C	B440	DC Power				○	○	○
BV-SMBJ480CA	BV-SMBJ480A	480	1	536	593	1	750	0.8	10/1000	600	SMB	5.45x3.75x2.6	B480C	B480	DC Power				○	○	○
BV-SMCJ5CA	BV-SMCJ5A	5	800	6.4	7	10	9.2	163.0	10/1000	1500	SMC	8.25x6.15x2.95	C5C	C5	DC Power				○	○	○
BV-SMCJ6CA	BV-SMCJ6A	6	800	6.67	7.37	10	10.3	145.7	10/1000	1500	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	C6.5C	C6.5	DC Power				○	○	○
BV-SMCJ7CA	BV-SMCJ7A	7	200	7.78	8.6	10	12	125.0	10/1000	1500	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	C8.5C	C8.5	DC Power				○	○	○
BV-SMCJ9CA	BV-SMCJ9A	9	10	10	11.1	1	15.4	97.4	10/1000	1500	SMC	8.25x6.15x2.95	C9C	C9	DC Power				○	○	○
BV-SMCJ10CA	BV-SMCJ10A	10	5	11.1	12.3	1	17	88.3	10/1000	1500	SMC	8.25x6.15x2.95	C10C	C10	DC Power				○	○	○
BV-SMCJ11CA	BV-SMCJ11A	11	1	12.2	13.5	1	18.2	82.5	10/1000	1500	SMC	8.25x6.15x2.95	C11C	C11	DC Power				○	○	○
BV-SMCJ12CA	BV-SMCJ12A	12	1	13.3	14.7	1	19.9	75.4	10/1000	1500	SMC	8.25x6.15x2.95	C12C	C12	DC Power				○	○	○
BV-SMCJ13CA	BV-SMCJ13A	13	1	14.4	15.9	1	21.5	69.8	10/1000	1500	SMC	8.25x6.15x2.95	C13C	C13	DC Power				○	○	○
BV-SMCJ14CA	BV-SMCJ14A	14	1	15.6	17.2	1	23.2	64.7	10/1000	1500	SMC	8.25x6.15x2.95	C14C	C14	DC Power				○	○	○
BV-SMCJ15CA	BV-SMCJ15A	15	1	16.7	18.5	1	24.4	61.5	10/1000	1500	SMC	8.25x6.15x2.95	C15C	C15	DC Power				○	○	○
BV-SMCJ16CA	BV-SMCJ16A	16	1	17.8	19.7	1	26	57.7	10/1000	1500	SMC	8.25x6.15x2.95	C16C	C16	DC Power				○	○	○
BV-SMCJ17CA	BV-SMCJ17A	17	1	18.9	20.9	1	27.6	54.4	10/1000	1500	SMC	8.25x6.15x2.95	C17C	C17	DC Power				○	○	○
BV-SMCJ18CA	BV-SMCJ18A	18	1	20	22.1	1	29.2	51.4	10/1000	1500	SMC	8.25x6.15x2.95	C18C	C18	DC Power				○	○	○
BV-SMCJ20CA	BV-SMCJ20A	20	1	22.2	24.5	1	32.4	46.3	10/1000	1500	SMC	8.25x6.15x2.95	C20C	C20	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMCJ22CA	BV-SMCJ22A	22	1	24.4	26.9	1	35.5	42.3	10/1000	1500	SMC	8.25x6.15x2.95	C22C	C22	DC Power				○	○	○
BV-SMCJ24CA	BV-SMCJ24A	24	1	26.7	29.5	1	38.9	38.6	10/1000	1500	SMC	8.25x6.15x2.95	C24C	C24	DC Power				○	○	○
BV-SMCJ26CA	BV-SMCJ26A	26	1	28.9	31.9	1	42.1	35.7	10/1000	1500	SMC	8.25x6.15x2.95	C26C	C26	DC Power				○	○	○
BV-SMCJ28CA	BV-SMCJ28A	28	1	31.1	34.4	1	45.4	33.1	10/1000	1500	SMC	8.25x6.15x2.95	C28C	C28	DC Power				○	○	○
BV-SMCJ30CA	BV-SMCJ30A	30	1	33.3	36.8	1	48.4	31.0	10/1000	1500	SMC	8.25x6.15x2.95	C30C	C30	DC Power				○	○	○
BV-SMCJ33CA	BV-SMCJ33A	33	1	36.7	40.6	1	53.3	28.2	10/1000	1500	SMC	8.25x6.15x2.95	C33C	C33	DC Power				○	○	○
BV-SMCJ36CA	BV-SMCJ36A	36	1	40	44.2	1	58.1	25.9	10/1000	1500	SMC	8.25x6.15x2.95	C36C	C36	DC Power				○	○	○
BV-SMCJ40CA	BV-SMCJ40A	40	1	44.4	49.1	1	64.5	23.3	10/1000	1500	SMC	8.25x6.15x2.95	C40C	C40	DC Power				○	○	○
BV-SMCJ43CA	BV-SMCJ43A	43	1	47.8	52.8	1	69.4	21.7	10/1000	1500	SMC	8.25x6.15x2.95	C43C	C43	DC Power				○	○	○
BV-SMCJ45CA	BV-SMCJ45A	45	1	50	55.3	1	72.7	20.6	10/1000	1500	SMC	8.25x6.15x2.95	C45C	C45	DC Power				○	○	○
BV-SMCJ48CA	BV-SMCJ48A	48	1	53.3	58.9	1	77.4	19.4	10/1000	1500	SMC	8.25x6.15x2.95	C48C	C48	DC Power				○	○	○
BV-SMCJ51CA	BV-SMCJ51A	51	1	56.7	62.7	1	82.4	18.2	10/1000	1500	SMC	8.25x6.15x2.95	C51C	C51	DC Power				○	○	○
BV-SMCJ54CA	BV-SMCJ54A	54	1	60	66.3	1	87.1	17.3	10/1000	1500	SMC	8.25x6.15x2.95	C54C	C54	DC Power				○	○	○
BV-SMCJ58CA	BV-SMCJ58A	58	1	64.4	71.2	1	93.6	16.1	10/1000	1500	SMC	8.25x6.15x2.95	C58C	C58	DC Power				○	○	○
BV-SMCJ60CA	BV-SMCJ60A	60	1	66.7	73.7	1	96.8	15.5	10/1000	1500	SMC	8.25x6.15x2.95	C60C	C60	DC Power				○	○	○
BV-SMCJ64CA	BV-SMCJ64A	64	1	71.1	78.6	1	103	14.6	10/1000	1500	SMC	8.25x6.15x2.95	C64C	C64	DC Power				○	○	○
BV-SMCJ70CA	BV-SMCJ70A	70	1	77.8	86	1	113	13.3	10/1000	1500	SMC	8.25x6.15x2.95	C70C	C70	DC Power				○	○	○
BV-SMCJ75CA	BV-SMCJ75A	75	1	83.3	92.1	1	121	12.4	10/1000	1500	SMC	8.25x6.15x2.95	C75C	C75	DC Power				○	○	○
BV-SMCJ78CA	BV-SMCJ78A	78	1	86.7	95.8	1	126	11.9	10/1000	1500	SMC	8.25x6.15x2.95	C78C	C78	DC Power				○	○	○
BV-SMCJ85CA	BV-SMCJ85A	85	1	94.4	104	1	137	11.0	10/1000	1500	SMC	8.25x6.15x2.95	C85C	C85	DC Power				○	○	○
BV-SMCJ90CA	BV-SMCJ90A	90	1	100	111	1	146	10.3	10/1000	1500	SMC	8.25x6.15x2.95	C90C	C90	DC Power				○	○	○
BV-SMCJ100CA	BV-SMCJ100A	100	1	111	123	1	162	9.3	10/1000	1500	SMC	8.25x6.15x2.95	C100C	C100	DC Power				○	○	○
BV-SMCJ110CA	BV-SMCJ110A	110	1	122	135	1	177	8.5	10/1000	1500	SMC	8.25x6.15x2.95	C110C	C110	DC Power				○	○	○
BV-SMCJ120CA	BV-SMCJ120CA	120	1	133	147	1	193	7.8	10/1000	1500	SMC	8.25x6.15x2.95	C120C	C120C	DC Power				○	○	○
BV-SMCJ130CA	BV-SMCJ130CA	130	1	144	159	1	209	7.2	10/1000	1500	SMC	8.25x6.15x2.95	C130C	C130C	DC Power				○	○	○
BV-SMCJ150CA	BV-SMCJ150CA	150	1	167	185	1	243	6.2	10/1000	1500	SMC	8.25x6.15x2.95	C150C	C150C	DC Power				○	○	○
BV-SMCJ160CA	BV-SMCJ160CA	160	1	178	197	1	259	5.8	10/1000	1500	SMC	8.25x6.15x2.95	C160C	C160C	DC Power				○	○	○
BV-SMCJ170CA	BV-SMCJ170CA	170	1	189	209	1	275	5.5	10/1000	1500	SMC	8.25x6.15x2.95	C170C	C170C	DC Power				○	○	○
BV-SMCJ180CA	BV-SMCJ180CA	180	1	201	222	1	292	5.1	10/1000	1500	SMC	8.25x6.15x2.95	C180C	C180C	DC Power				○	○	○
BV-SMCJ200CA	BV-SMCJ200CA	200	1	224	247	1	324	4.6	10/1000	1500	SMC	8.25x6.15x2.95	C200C	C200C	DC Power				○	○	○
BV-SMCJ220CA	BV-SMCJ220CA	220	1	246	272	1	356	4.2	10/1000	1500	SMC	8.25x6.15x2.95	C220C	C220C	DC Power				○	○	○
BV-SMCJ250CA	BV-SMCJ250CA	250	1	279	309	1	405	3.7	10/1000	1500	SMC	8.25x6.15x2.95	C250C	C250C	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMCJ300CA	BV-SMCJ300CA	300	1	335	371	1	486	3.1	10/1000	1500	SMC	8.25x6.15x2.95	C300C	C300C	DC Power				○	○	○
BV-SMCJ350CA	BV-SMCJ350CA	350	1	391	432	1	567	2.6	10/1000	1500	SMC	8.25x6.15x2.95	C350C	C350C	DC Power				○	○	○
BV-SMCJ400CA	BV-SMCJ400CA	400	1	447	494	1	648	2.3	10/1000	1500	SMC	8.25x6.15x2.95	C400C	C400C	DC Power				○	○	○
BV-SMCJ440CA	BV-SMCJ440CA	440	1	492	543	1	713	2.1	10/1000	1500	SMC	8.25x6.15x2.95	C440C	C440C	DC Power				○	○	○
BV-SMDJ5CA	BV-SMDJ5A	5	800	6.4	7	10	9.2	326.1	10/1000	3000	SMC	8.25x6.15x2.95	D5C	D5	DC Power				○	○	○
BV-SMDJ6CA	BV-SMDJ6A	6	800	6.67	7.37	10	10.3	291.3	10/1000	3000	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	D6.5C	D6.5	DC Power				○	○	○
BV-SMDJ7CA	BV-SMDJ7A	7	200	7.78	8.6	10	12	250.0	10/1000	3000	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	D8.5C	D8.5	DC Power				○	○	○
BV-SMDJ9CA	BV-SMDJ9A	9	10	10	11.1	1	15.4	194.8	10/1000	3000	SMC	8.25x6.15x2.95	D9C	D9	DC Power				○	○	○
BV-SMDJ10CA	BV-SMDJ10A	10	5	11.1	12.3	1	17	176.5	10/1000	3000	SMC	8.25x6.15x2.95	D10C	D10	DC Power				○	○	○
BV-SMDJ11CA	BV-SMDJ11A	11	2	12.2	13.5	1	18.2	164.8	10/1000	3000	SMC	8.25x6.15x2.95	D11C	D11	DC Power				○	○	○
BV-SMDJ12CA	BV-SMDJ12A	12	1	13.3	14.7	1	19.9	150.8	10/1000	3000	SMC	8.25x6.15x2.95	D12C	D12	DC Power				○	○	○
BV-SMDJ13CA	BV-SMDJ13A	13	1	14.4	15.9	1	21.5	139.5	10/1000	3000	SMC	8.25x6.15x2.95	D13C	D13	DC Power				○	○	○
BV-SMDJ14CA	BV-SMDJ14A	14	1	15.6	17.2	1	23.2	129.3	10/1000	3000	SMC	8.25x6.15x2.95	D14C	D14	DC Power				○	○	○
BV-SMDJ15CA	BV-SMDJ15A	15	1	16.7	18.5	1	24.4	123.0	10/1000	3000	SMC	8.25x6.15x2.95	D15C	D15	DC Power				○	○	○
BV-SMDJ16CA	BV-SMDJ16A	16	1	17.8	19.7	1	26	115.4	10/1000	3000	SMC	8.25x6.15x2.95	D16C	D16	DC Power				○	○	○
BV-SMDJ17CA	BV-SMDJ17A	17	1	18.9	20.9	1	27.6	108.7	10/1000	3000	SMC	8.25x6.15x2.95	D17C	D17	DC Power				○	○	○
BV-SMDJ18CA	BV-SMDJ18A	18	1	20	22.1	1	29.2	102.7	10/1000	3000	SMC	8.25x6.15x2.95	D18C	D18	DC Power				○	○	○
BV-SMDJ20CA	BV-SMDJ20A	20	1	22.2	24.5	1	32.4	92.6	10/1000	3000	SMC	8.25x6.15x2.95	D20C	D20	DC Power				○	○	○
BV-SMDJ22CA	BV-SMDJ22A	22	1	24.4	26.9	1	35.5	84.5	10/1000	3000	SMC	8.25x6.15x2.95	D22C	D22	DC Power				○	○	○
BV-SMDJ24CA	BV-SMDJ24A	24	1	26.7	29.5	1	38.9	77.1	10/1000	3000	SMC	8.25x6.15x2.95	D24C	D24	DC Power				○	○	○
BV-SMDJ26CA	BV-SMDJ26A	26	1	28.9	31.9	1	42.1	71.3	10/1000	3000	SMC	8.25x6.15x2.95	D26C	D26	DC Power				○	○	○
BV-SMDJ28CA	BV-SMDJ28A	28	1	31.1	34.4	1	45.4	66.1	10/1000	3000	SMC	8.25x6.15x2.95	D28C	D28	DC Power				○	○	○
BV-SMDJ30CA	BV-SMDJ30A	30	1	33.3	36.8	1	48.4	62.0	10/1000	3000	SMC	8.25x6.15x2.95	D30C	D30	DC Power				○	○	○
BV-SMDJ33CA	BV-SMDJ33A	33	1	36.7	40.6	1	53.3	56.3	10/1000	3000	SMC	8.25x6.15x2.95	D33C	D33	DC Power				○	○	○
BV-SMDJ36CA	BV-SMDJ36A	36	1	40	44.2	1	58.1	51.6	10/1000	3000	SMC	8.25x6.15x2.95	D36C	D36	DC Power				○	○	○
BV-SMDJ40CA	BV-SMDJ40A	40	1	44.4	49.1	1	64.5	46.5	10/1000	3000	SMC	8.25x6.15x2.95	D40C	D40	DC Power				○	○	○
BV-SMDJ43CA	BV-SMDJ43A	43	1	47.8	52.8	1	69.4	43.2	10/1000	3000	SMC	8.25x6.15x2.95	D43C	D43	DC Power				○	○	○
BV-SMDJ45CA	BV-SMDJ45A	45	1	50	55.3	1	72.7	41.3	10/1000	3000	SMC	8.25x6.15x2.95	D45C	D45	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMDJ48CA	BV-SMDJ48A	48	1	53.3	58.9	1	77.4	38.8	10/1000	3000	SMC	8.25x6.15x2.95	D48C	D48	DC Power				○	○	○
BV-SMDJ51CA	BV-SMDJ51A	51	1	56.7	62.7	1	82.4	36.4	10/1000	3000	SMC	8.25x6.15x2.95	D51C	D51	DC Power				○	○	○
BV-SMDJ54CA	BV-SMDJ54A	54	1	60	66.3	1	87.1	34.4	10/1000	3000	SMC	8.25x6.15x2.95	D54C	D54	DC Power				○	○	○
BV-SMDJ58CA	BV-SMDJ58A	58	1	64.4	71.2	1	93.6	32.1	10/1000	3000	SMC	8.25x6.15x2.95	D58C	D58	DC Power				○	○	○
BV-SMDJ60CA	BV-SMDJ60A	60	1	66.7	73.7	1	96.8	31.0	10/1000	3000	SMC	8.25x6.15x2.95	D60C	D60	DC Power				○	○	○
BV-SMDJ64CA	BV-SMDJ64A	64	1	71.1	78.6	1	103	29.1	10/1000	3000	SMC	8.25x6.15x2.95	D64C	D64	DC Power				○	○	○
BV-SMDJ70CA	BV-SMDJ70A	70	1	77.8	86	1	113	26.5	10/1000	3000	SMC	8.25x6.15x2.95	D70C	D70	DC Power				○	○	○
BV-SMDJ75CA	BV-SMDJ75A	75	1	83.3	92.1	1	121	24.8	10/1000	3000	SMC	8.25x6.15x2.95	D75C	D75	DC Power				○	○	○
BV-SMDJ78CA	BV-SMDJ78A	78	1	86.7	95.8	1	126	23.8	10/1000	3000	SMC	8.25x6.15x2.95	D78C	D78	DC Power				○	○	○
BV-SMDJ85CA	BV-SMDJ85A	85	1	94.4	104	1	137	21.9	10/1000	3000	SMC	8.25x6.15x2.95	D85C	D85	DC Power				○	○	○
BV-SMDJ90CA	BV-SMDJ90A	90	1	100	111	1	146	20.5	10/1000	3000	SMC	8.25x6.15x2.95	D90C	D90	DC Power				○	○	○
BV-SMDJ100CA	BV-SMDJ100A	100	1	111	123	1	162	18.5	10/1000	3000	SMC	8.25x6.15x2.95	D100C	D100	DC Power				○	○	○
BV-SMDJ110CA	BV-SMDJ110A	110	1	122	135	1	177	16.9	10/1000	3000	SMC	8.25x6.15x2.95	D110C	D110	DC Power				○	○	○
BV-SMDJ120CA	BV-SMDJ120A	120	1	133	147	1	193	15.5	10/1000	3000	SMC	8.25x6.15x2.95	D120C	D120	DC Power				○	○	○
BV-SMDJ130CA	BV-SMDJ130A	130	1	144	159	1	209	14.4	10/1000	3000	SMC	8.25x6.15x2.95	D130C	D130	DC Power				○	○	○
BV-SMDJ150CA	BV-SMDJ150A	150	1	167	185	1	243	12.3	10/1000	3000	SMC	8.25x6.15x2.95	D150C	D150	DC Power				○	○	○
BV-SMDJ160CA	BV-SMDJ160A	160	1	178	197	1	259	11.6	10/1000	3000	SMC	8.25x6.15x2.95	D160C	D160	DC Power				○	○	○
BV-SMDJ170CA	BV-SMDJ170A	170	1	189	209	1	275	10.9	10/1000	3000	SMC	8.25x6.15x2.95	D170C	D170	DC Power				○	○	○
BV-5SMDJ11CA	BV-5SMDJ11A	11	800	12.2	13.5	1	18.2	275	10/1000	5000	SMC	8.25x6.15x2.95	5D11C	5D11	DC Power				○	○	○
BV-5 SMDJ12CA	BV-5 SMDJ12A	12	800	13.3	14.7	1	19.9	252	10/1000	5000	SMC	8.25x6.15x2.95	5D12C	5D12	DC Power				○	○	○
BV-5SMDJ13CA	BV-5SMDJ13A	13	500	14.4	15.9	1	21.5	233	10/1000	5000	SMC	8.25x6.15x2.95	5D13C	5D13	DC Power				○	○	○
BV-5SMDJ14CA	BV-5SMDJ14A	14	200	15.6	17.2	1	23.2	216	10/1000	5000	SMC	8.25x6.15x2.95	5D14C	5D14	DC Power				○	○	○
BV-5SMDJ15CA	BV-5SMDJ15A	15	100	16.7	18.5	1	24.4	205	10/1000	5000	SMC	8.25x6.15x2.95	5D15C	5D15	DC Power				○	○	○
BV-5SMDJ16CA	BV-5SMDJ16A	16	50	17.8	19.7	1	26	193	10/1000	5000	SMC	8.25x6.15x2.95	5D16C	5D16	DC Power				○	○	○
BV-5SMDJ17CA	BV-5SMDJ17A	17	20	18.9	20.9	1	27.6	181	10/1000	5000	SMC	8.25x6.15x2.95	5D17C	5D17	DC Power				○	○	○
BV-5SMDJ18CA	BV-5SMDJ18A	18	10	20	22.1	1	29.2	172	10/1000	5000	SMC	8.25x6.15x2.95	5D18C	5D18	DC Power				○	○	○
BV-5SMDJ20CA	BV-5SMDJ20A	20	5	22.2	24.5	1	32.4	155	10/1000	5000	SMC	8.25x6.15x2.95	5D20C	5D20	DC Power				○	○	○
BV-5SMDJ22CA	BV-5SMDJ22A	22	5	24.4	26.9	1	35.5	141	10/1000	5000	SMC	8.25x6.15x2.95	5D22C	5D22	DC Power				○	○	○
BV-5SMDJ24CA	BV-5SMDJ24A	24	2	26.7	29.5	1	38.9	129	10/1000	5000	SMC	8.25x6.15x2.95	5D24C	5D24	DC Power				○	○	○
BV-5SMDJ26CA	BV-5SMDJ26A	26	2	28.9	31.9	1	42.1	119	10/1000	5000	SMC	8.25x6.15x2.95	5D26C	5D26	DC Power				○	○	○
BV-5SMDJ28CA	BV-5SMDJ28A	28	2	31.1	34.4	1	45.4	110	10/1000	5000	SMC	8.25x6.15x2.95	5D28C	5D28	DC Power				○	○	○
BV-5SMDJ30CA	BV-5SMDJ30A	30	2	33.3	36.8	1	48.4	103	10/1000	5000	SMC	8.25x6.15x2.95	5D30C	5D30	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-5SMDJ33CA	BV-5SMDJ33A	33	2	36.7	40.6	1	53.3	93.9	10/1000	5000	SMC	8.25x6.15x2.95	5D33C	5D33	DC Power				○	○	○
BV-5SMDJ36CA	BV-5SMDJ36A	36	2	40	44.2	1	58.1	86.1	10/1000	5000	SMC	8.25x6.15x2.95	5D36C	5D36	DC Power				○	○	○
BV-5SMDJ40CA	BV-5SMDJ40A	40	2	44.4	49.1	1	64.5	77.6	10/1000	5000	SMC	8.25x6.15x2.95	5D40C	5D40	DC Power				○	○	○
BV-5SMDJ43CA	BV-5SMDJ43A	43	2	47.8	52.8	1	69.4	72.1	10/1000	5000	SMC	8.25x6.15x2.95	5D43C	5D43	DC Power				○	○	○
BV-5SMDJ45CA	BV-5SMDJ45A	45	2	50	55.3	1	72.7	68.8	10/1000	5000	SMC	8.25x6.15x2.95	5D45C	5D45	DC Power				○	○	○
BV-5SMDJ48CA	BV-5SMDJ48A	48	2	53.3	58.9	1	77.4	64.7	10/1000	5000	SMC	8.25x6.15x2.95	5D48C	5D48	DC Power				○	○	○
BV-5SMDJ51CA	BV-5SMDJ51A	51	2	56.7	62.7	1	82.4	60.7	10/1000	5000	SMC	8.25x6.15x2.95	5D51C	5D51	DC Power				○	○	○
BV-5SMDJ54CA	BV-5SMDJ54A	54	2	60	66.3	1	87.1	57.5	10/1000	5000	SMC	8.25x6.15x2.95	5D54C	5D54	DC Power				○	○	○
BV-5SMDJ58CA	BV-5SMDJ58A	58	2	64.4	71.2	1	93.6	53.5	10/1000	5000	SMC	8.25x6.15x2.95	5D58C	5D58	DC Power				○	○	○
BV-5SMDJ60CA	BV-5SMDJ60A	60	2	66.7	73.7	1	96.8	51.7	10/1000	5000	SMC	8.25x6.15x2.95	5D60C	5D60	DC Power				○	○	○
BV-5SMDJ64CA	BV-5SMDJ64A	64	2	71.1	78.6	1	103	48.6	10/1000	5000	SMC	8.25x6.15x2.95	5D64C	5D64	DC Power				○	○	○
BV-5SMDJ70CA	BV-5SMDJ70A	70	2	77.8	86	1	113	44.3	10/1000	5000	SMC	8.25x6.15x2.95	5D70C	5D70	DC Power				○	○	○
BV-5SMDJ75CA	BV-5SMDJ75A	75	2	83.3	92.1	1	121	41.4	10/1000	5000	SMC	8.25x6.15x2.95	5D75C	5D75	DC Power				○	○	○
BV-5SMDJ78CA	BV-5SMDJ78A	78	2	86.7	95.8	1	126	39.7	10/1000	5000	SMC	8.25x6.15x2.95	5D78C	5D78	DC Power				○	○	○
BV-5SMDJ85CA	BV-5SMDJ85A	85	2	94.4	104	1	137	36.5	10/1000	5000	SMC	8.25x6.15x2.95	5D85C	5D85	DC Power				○	○	○
BV-5SMDJ90CA	BV-5SMDJ90A	90	2	100	111	1	146	34.3	10/1000	5000	SMC	8.25x6.15x2.95	5D90C	5D90	DC Power				○	○	○
BV-5SMDJ100CA	BV-5SMDJ100A	100	2	111	123	1	162	30.9	10/1000	5000	SMC	8.25x6.15x2.95	5D100C	5D100	DC Power				○	○	○
BV-5SMDJ110CA	BV-5SMDJ110A	110	2	122	135	1	177	28.3	10/1000	5000	SMC	8.25x6.15x2.95	5D110C	5D110	DC Power				○	○	○
BV-5SMDJ120CA	BV-5SMDJ120A	120	2	133	147	1	193	26	10/1000	5000	SMC	8.25x6.15x2.95	5D120C	5D120	DC Power				○	○	○
BV-5SMDJ130CA	BV-5SMDJ130A	130	2	144	159	1	209	24	10/1000	5000	SMC	8.25x6.15x2.95	5D130C	5D130	DC Power				○	○	○
BV-5SMDJ150CA	BV-5SMDJ150A	150	2	167	185	1	243	20.6	10/1000	5000	SMC	8.25x6.15x2.95	5D150C	5D150	DC Power				○	○	○
BV-5SMDJ160CA	BV-5SMDJ160A	160	2	178	197	1	259	19.3	10/1000	5000	SMC	8.25x6.15x2.95	5D160C	5D160	DC Power				○	○	○
BV-5SMDJ170CA	BV-5SMDJ170A	170	2	189	209	1	275	18.2	10/1000	5000	SMC	8.25x6.15x2.95	5D170C	5D170	DC Power				○	○	○
BV-D105ZCF	BV-D105ZF	5	800	6.4	7	10	9.2	21.8	10/1000	200	SOD123F	3.7X1.8X1.0	AE	|AE	DC Power				○	○	○
BV-D106ZCF	BV-D106ZF	6	800	6.67	7.37	10	10.3	19.4	10/1000	200	SOD123F	3.7X1.8X1.0	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	3.7X1.8X1.0	AK	|AK	DC Power				○	○	○
BV-D107ZCF	BV-D107ZF	7	200	7.78	8.6	10	12	16.7	10/1000	200	SOD123F	3.7X1.8X1.0	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	3.7X1.8X1.0	AP	|AP	DC Power				○	○	○
BV-D108ZCF	BV-D108ZF	8	50	8.89	9.83	1	13.6	14.7	10/1000	200	SOD123F	3.7X1.8X1.0	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	3.7X1.8X1.0	AT	|AT	DC Power				○	○	○
BV-D109ZCF	BV-D109ZF	9	10	10	11.1	1	15.4	13	10/1000	200	SOD123F	3.7X1.8X1.0	AV	|AV	DC Power				○	○	○
BV-D110ZCF	BV-D110ZF	10	5	11.1	12.3	1	17	11.8	10/1000	200	SOD123F	3.7X1.8X1.0	AX	|AX	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-D111ZCF	BV-D111ZF	11	3	12.2	13.5	1	18.2	11	10/1000	200	SOD123F	3.7X1.8X1.0	AZ	AZ	DC Power				○	○	○
BV-D112ZCF	BV-D112ZF	12	1	13.3	14.7	1	19.9	10.1	10/1000	200	SOD123F	3.7X1.8X1.0	BE	BE	DC Power				○	○	○
BV-D113ZCF	BV-D113ZF	13	1	14.4	15.9	1	21.5	9.3	10/1000	200	SOD123F	3.7X1.8X1.0	BG	BG	DC Power				○	○	○
BV-D114ZCF	BV-D114ZF	14	1	15.6	17.2	1	23.2	8.6	10/1000	200	SOD123F	3.7X1.8X1.0	BK	BK	DC Power				○	○	○
BV-D115ZCF	BV-D115ZF	15	1	16.7	18.5	1	24.4	8.2	10/1000	200	SOD123F	3.7X1.8X1.0	BM	BM	DC Power				○	○	○
BV-D116ZCF	BV-D116ZF	16	1	17.8	19.7	1	26	7.7	10/1000	200	SOD123F	3.7X1.8X1.0	BP	BP	DC Power				○	○	○
BV-D117ZCF	BV-D117ZF	17	1	18.9	20.9	1	27.6	7.3	10/1000	200	SOD123F	3.7X1.8X1.0	BR	BR	DC Power				○	○	○
BV-D118ZCF	BV-D118ZF	18	1	20	22.1	1	29.2	6.9	10/1000	200	SOD123F	3.7X1.8X1.0	BT	BT	DC Power				○	○	○
BV-D120ZCF	BV-D120ZF	20	1	22.2	24.5	1	32.4	6.2	10/1000	200	SOD123F	3.7X1.8X1.0	BV	BV	DC Power				○	○	○
BV-D122ZCF	BV-D122ZF	22	1	24.4	26.9	1	35.5	5.7	10/1000	200	SOD123F	3.7X1.8X1.0	BX	BX	DC Power				○	○	○
BV-D124ZCF	BV-D124ZF	24	1	26.7	29.5	1	38.9	5.2	10/1000	200	SOD123F	3.7X1.8X1.0	BZ	BZ	DC Power				○	○	○
BV-D126ZCF	BV-D126ZF	26	1	28.9	31.9	1	42.1	4.8	10/1000	200	SOD123F	3.7X1.8X1.0	CE	CE	DC Power				○	○	○
BV-D128ZCF	BV-D128ZF	28	1	31.1	34.4	1	45.4	4.4	10/1000	200	SOD123F	3.7X1.8X1.0	CG	CG	DC Power				○	○	○
BV-D130ZCF	BV-D130ZF	30	1	33.3	36.8	1	48.4	4.2	10/1000	200	SOD123F	3.7X1.8X1.0	CK	CK	DC Power				○	○	○
BV-D133ZCF	BV-D133ZF	33	1	36.7	40.6	1	53.3	3.8	10/1000	200	SOD123F	3.7X1.8X1.0	CM	CM	DC Power				○	○	○
BV-D136ZCF	BV-D136ZF	36	1	40	44.2	1	58.1	3.5	10/1000	200	SOD123F	3.7X1.8X1.0	CP	CP	DC Power				○	○	○
BV-D140ZCF	BV-D140ZF	40	1	44.4	49.1	1	64.5	3.1	10/1000	200	SOD123F	3.7X1.8X1.0	CR	CR	DC Power				○	○	○
BV-D143ZCF	BV-D143ZF	43	1	47.8	52.8	1	69.4	2.9	10/1000	200	SOD123F	3.7X1.8X1.0	CT	CT	DC Power				○	○	○
BV-D145ZCF	BV-D145ZF	45	1	50	55.3	1	72.7	2.8	10/1000	200	SOD123F	3.7X1.8X1.0	CV	CV	DC Power				○	○	○
BV-D148ZCF	BV-D148ZF	48	1	53.3	58.9	1	77.4	2.6	10/1000	200	SOD123F	3.7X1.8X1.0	CX	CX	DC Power				○	○	○
BV-D151ZCF	BV-D151ZF	51	1	56.7	62.7	1	82.4	2.5	10/1000	200	SOD123F	3.7X1.8X1.0	CZ	CZ	DC Power				○	○	○
BV-D154ZCF	BV-D154ZF	54	1	60	66.3	1	87.1	2.3	10/1000	200	SOD123F	3.7X1.8X1.0	DE	DE	DC Power				○	○	○
BV-D158ZCF	BV-D158ZF	58	1	64.4	71.2	1	93.6	2.3	10/1000	200	SOD123F	3.7X1.8X1.0	DG	DG	DC Power				○	○	○
BV-D160ZCF	BV-D160ZF	60	1	66.7	73.7	1	96.8	2.1	10/1000	200	SOD123F	3.7X1.8X1.0	DK	DK	DC Power				○	○	○
BV-D164ZCF	BV-D164ZF	64	1	71.1	78.6	1	103	2	10/1000	200	SOD123F	3.7X1.8X1.0	DM	DM	DC Power				○	○	○
BV-D170ZCF	BV-D170ZF	70	1	77.8	86	1	113	1.8	10/1000	200	SOD123F	3.7X1.8X1.0	DP	DP	DC Power				○	○	○
BV-D175ZCF	BV-D175ZF	75	1	83.3	92.1	1	121	1.7	10/1000	200	SOD123F	3.7X1.8X1.0	DR	DR	DC Power				○	○	○
BV-D178ZCF	BV-D178ZF	78	1	86.7	95.8	1	126	1.6	10/1000	200	SOD123F	3.7X1.8X1.0	DT	DT	DC Power				○	○	○
BV-D185ZCF	BV-D185ZF	85	1	94.4	104	1	137	1.5	10/1000	200	SOD123F	3.7X1.8X1.0	DV	DV	DC Power				○	○	○
BV-D190ZCF	BV-D190ZF	90	1	100	111	1	146	1.4	10/1000	200	SOD123F	3.7X1.8X1.0	DX	DX	DC Power				○	○	○
BV-D1100ZCF	BV-D1100ZF	100	1	111	123	1	162	1.3	10/1000	200	SOD123F	3.7X1.8X1.0	DZ	DZ	DC Power				○	○	○
BV-D1110ZCF	BV-D1110ZF	110	1	122	135	1	177	1.2	10/1000	200	SOD123F	3.7X1.8X1.0	EE	EE	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-D1120ZCF	BV-D1120ZF	120	1	133	147	1	193	1.1	10/1000	200	SOD123F	3.7X1.8X1.0	EG	|EG	DC Power				○	○	○
BV-D1130ZCF	BV-D1130ZF	130	1	144	159	1	209	1	10/1000	200	SOD123F	3.7X1.8X1.0	EK	|EK	DC Power				○	○	○
BV-D1150ZCF	BV-D1150ZF	150	1	167	185	1	243	0.8	10/1000	200	SOD123F	3.7X1.8X1.0	EM	|EM	DC Power				○	○	○
BV-D1160ZCF	BV-D1160ZF	160	1	178	197	1	259	0.8	10/1000	200	SOD123F	3.7X1.8X1.0	EP	|EP	DC Power				○	○	○
BV-D1170ZCF	BV-D1170ZF	170	1	189	209	1	275	0.8	10/1000	200	SOD123F	3.7X1.8X1.0	ER	|ER	DC Power				○	○	○
BV-D1220ZCF	BV-D1220ZF	220	1	230	244	1	290	1	10/1000	200	SOD123F	3.7X1.8X1.0	FE	|FE	DC Power				○	○	○
BV-SMAJ5CAQ	BV-SMAJ5AQ	5	800	6.4	7	10	9.2	43.5	10/1000	400	SMA	5.25x2.85x2.5	A5C	A5	DC Power				○	○	○
BV-SMAJ6CAQ	BV-SMAJ6AQ	6	800	6.67	7.37	10	10.3	38.8	10/1000	400	SMA	5.25x2.85x2.5	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	5.25x2.85x2.5	A6.5C	A6.5	DC Power				○	○	○
BV-SMAJ7CAQ	BV-SMAJ7AQ	7	200	7.78	8.6	10	12	33.3	10/1000	400	SMA	5.25x2.85x2.5	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	5.25x2.85x2.5	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	5.25x2.85x2.5	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	5.25x2.85x2.5	A8.5C	A8.5	DC Power				○	○	○
BV-SMAJ9CAQ	BV-SMAJ9AQ	9	10	10	11.1	1	15.4	26	10/1000	400	SMA	5.25x2.85x2.5	A9C	A9	DC Power				○	○	○
BV-SMAJ10CAQ	BV-SMAJ10AQ	10	5	11.1	12.3	1	17	23.5	10/1000	400	SMA	5.25x2.85x2.5	A10C	A10	DC Power				○	○	○
BV-SMAJ11CAQ	BV-SMAJ11AQ	11	1	12.2	13.5	1	18.2	22	10/1000	400	SMA	5.25x2.85x2.5	A11C	A11	DC Power				○	○	○
BV-SMAJ12CAQ	BV-SMAJ12AQ	12	1	13.3	14.7	1	19.9	20.1	10/1000	400	SMA	5.25x2.85x2.5	A12C	A12	DC Power				○	○	○
BV-SMAJ13CAQ	BV-SMAJ13AQ	13	1	14.4	15.9	1	21.5	18.6	10/1000	400	SMA	5.25x2.85x2.5	A13C	A13	DC Power				○	○	○
BV-SMAJ14CAQ	BV-SMAJ14AQ	14	1	15.6	17.2	1	23.2	17.2	10/1000	400	SMA	5.25x2.85x2.5	A14C	A14	DC Power				○	○	○
BV-SMAJ15CAQ	BV-SMAJ15AQ	15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SMA	5.25x2.85x2.5	A15C	A15	DC Power				○	○	○
BV-SMAJ16CAQ	BV-SMAJ16AQ	16	1	17.8	19.7	1	26	15.4	10/1000	400	SMA	5.25x2.85x2.5	A16C	A16	DC Power				○	○	○
BV-SMAJ17CAQ	BV-SMAJ17AQ	17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SMA	5.25x2.85x2.5	A17C	A17	DC Power				○	○	○
BV-SMAJ18CAQ	BV-SMAJ18AQ	18	1	20	22.1	1	29.2	13.7	10/1000	400	SMA	5.25x2.85x2.5	A18C	A18	DC Power				○	○	○
BV-SMAJ20CAQ	BV-SMAJ20AQ	20	1	22.2	24.5	1	32.4	12.3	10/1000	400	SMA	5.25x2.85x2.5	A20C	A20	DC Power				○	○	○
BV-SMAJ22CAQ	BV-SMAJ22AQ	22	1	24.4	26.9	1	35.5	11.3	10/1000	400	SMA	5.25x2.85x2.5	A22C	A22	DC Power				○	○	○
BV-SMAJ24CAQ	BV-SMAJ24AQ	24	1	26.7	29.5	1	38.9	10.3	10/1000	400	SMA	5.25x2.85x2.5	A24C	A24	DC Power				○	○	○
BV-SMAJ26CAQ	BV-SMAJ26AQ	26	1	28.9	31.9	1	42.1	9.5	10/1000	400	SMA	5.25x2.85x2.5	A26C	A26	DC Power				○	○	○
BV-SMAJ28CAQ	BV-SMAJ28AQ	28	1	31.1	34.4	1	45.4	8.8	10/1000	400	SMA	5.25x2.85x2.5	A28C	A28	DC Power				○	○	○
BV-SMAJ30CAQ	BV-SMAJ30AQ	30	1	33.3	36.8	1	48.4	8.3	10/1000	400	SMA	5.25x2.85x2.5	A30C	A30	DC Power				○	○	○
BV-SMAJ33CAQ	BV-SMAJ33AQ	33	1	36.7	40.6	1	53.3	7.5	10/1000	400	SMA	5.25x2.85x2.5	A33C	A33	DC Power				○	○	○
BV-SMAJ36CAQ	BV-SMAJ36AQ	36	1	40	44.2	1	58.1	6.9	10/1000	400	SMA	5.25x2.85x2.5	A36C	A36	DC Power				○	○	○
BV-SMAJ40CAQ	BV-SMAJ40AQ	40	1	44.4	49.1	1	64.5	6.2	10/1000	400	SMA	5.25x2.85x2.5	A40C	A40	DC Power				○	○	○

产品型号 Part Number 双向 BI	产品型号 Part Number 单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	不动作电压 Off state Voltage I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	击穿电压 Breakdown Voltage V_{BR} (V) Max	击穿电压 Breakdown Voltage I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	最大钳位电压 Clamp Voltage I_{PP} (A)	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 双向 BI	印字 Mark 单向 UNI	应用 Application	电路符号 Circuit 双向 BI	电路符号 Circuit 单向 UNI	产品外观 Outline	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BV-SMAJ43CAQ	BV-SMAJ43AQ	43	1	47.8	52.8	1	69.4	5.8	10/1000	400	SMA	5.25x2.85x2.5	A43C	A43	DC Power				○	○	○
BV-SMAJ45CAQ	BV-SMAJ45AQ	45	1	50	55.3	1	72.7	5.5	10/1000	400	SMA	5.25x2.85x2.5	A45C	A45	DC Power				○	○	○
BV-SMAJ48CAQ	BV-SMAJ48AQ	48	1	53.3	58.9	1	77.4	5.2	10/1000	400	SMA	5.25x2.85x2.5	A48C	A48	DC Power				○	○	○
BV-SMAJ51CAQ	BV-SMAJ51AQ	51	1	56.7	62.7	1	82.4	4.9	10/1000	400	SMA	5.25x2.85x2.5	A51C	A51	DC Power				○	○	○
BV-SMAJ54CAQ	BV-SMAJ54AQ	54	1	60	66.3	1	87.1	4.6	10/1000	400	SMA	5.25x2.85x2.5	A54C	A54	DC Power				○	○	○
BV-SMAJ58CAQ	BV-SMAJ58AQ	58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SMA	5.25x2.85x2.5	A58C	A58	DC Power				○	○	○
BV-SMAJ60CAQ	BV-SMAJ60AQ	60	1	66.7	73.7	1	96.8	4.1	10/1000	400	SMA	5.25x2.85x2.5	A60C	A60	DC Power				○	○	○
BV-SMAJ64CAQ	BV-SMAJ64AQ	64	1	71.1	78.6	1	103	3.9	10/1000	400	SMA	5.25x2.85x2.5	A64C	A64	DC Power				○	○	○
BV-SMAJ70CAQ	BV-SMAJ70AQ	70	1	77.8	86	1	113	3.5	10/1000	400	SMA	5.25x2.85x2.5	A70C	A70	DC Power				○	○	○
BV-SMAJ75CAQ	BV-SMAJ75AQ	75	1	83.3	92.1	1	121	3.3	10/1000	400	SMA	5.25x2.85x2.5	A75C	A75	DC Power				○	○	○
BV-SMAJ78CAQ	BV-SMAJ78AQ	78	1	86.7	95.8	1	126	3.2	10/1000	400	SMA	5.25x2.85x2.5	A78C	A78	DC Power				○	○	○
BV-SMAJ85CAQ	BV-SMAJ85AQ	85	1	94.4	104	1	137	2.9	10/1000	400	SMA	5.25x2.85x2.5	A85C	A85	DC Power				○	○	○
BV-SMAJ90CAQ	BV-SMAJ90AQ	90	1	100	111	1	146	2.7	10/1000	400	SMA	5.25x2.85x2.5	A90C	A90	DC Power				○	○	○
BV-SMAJ100CAQ	BV-SMAJ100AQ	100	1	111	123	1	162	2.5	10/1000	400	SMA	5.25x2.85x2.5	A100C	A100	DC Power				○	○	○
BV-SMAJ110CAQ	BV-SMAJ110AQ	110	1	122	135	1	177	2.3	10/1000	400	SMA	5.25x2.85x2.5	A110C	A110	DC Power				○	○	○
BV-SMAJ120CAQ	BV-SMAJ120AQ	120	1	133	147	1	193	2.1	10/1000	400	SMA	5.25x2.85x2.5	A120C	A120	DC Power				○	○	○
BV-SMAJ130CAQ	BV-SMAJ130AQ	130	1	144	159	1	209	1.9	10/1000	400	SMA	5.25x2.85x2.5	A130C	A130	DC Power				○	○	○
BV-SMAJ150CAQ	BV-SMAJ150AQ	150	1	167	185	1	243	1.6	10/1000	400	SMA	5.25x2.85x2.5	A150C	A150	DC Power				○	○	○
BV-SMAJ160CAQ	BV-SMAJ160AQ	160	1	178	197	1	259	1.5	10/1000	400	SMA	5.25x2.85x2.5	A160C	A160	DC Power				○	○	○
BV-SMAJ170CAQ	BV-SMAJ170AQ	170	1	189	209	1	275	1.5	10/1000	400	SMA	5.25x2.85x2.5	A170C	A170	DC Power				○	○	○
BV-SMAJ180CAQ	BV-SMAJ180AQ	180	1	201	222	1	292	1.4	10/1000	400	SMA	5.25x2.85x2.5	A180C	A180	DC Power				○	○	○
BV-SMAJ200CAQ	BV-SMAJ200AQ	200	1	224	247	1	324	1.2	10/1000	400	SMA	5.25x2.85x2.5	A200C	A200	DC Power				○	○	○
BV-SMAJ220CAQ	BV-SMAJ220AQ	220	1	246	272	1	356	1.1	10/1000	400	SMA	5.25x2.85x2.5	A220C	A220	DC Power				○	○	○
BV-SMAJ250CAQ	BV-SMAJ250AQ	250	1	279	309	1	405	1	10/1000	400	SMA	5.25x2.85x2.5	A250C	A250	DC Power				○	○	○
BV-SMAJ300CAQ	BV-SMAJ300AQ	300	1	335	371	1	486	0.8	10/1000	400	SMA	5.25x2.85x2.5	A300C	A300	DC Power				○	○	○
BV-SMAJ350CAQ	BV-SMAJ350AQ	350	1	391	432	1	567	0.7	10/1000	400	SMA	5.25x2.85x2.5	A350C	A350	DC Power				○	○	○
BV-SMAJ400CAQ	BV-SMAJ400AQ	400	1	447	494	1	648	0.6	10/1000	400	SMA	5.25x2.85x2.5	A400C	A400	DC Power				○	○	○
BV-SMAJ440CAQ	BV-SMAJ440AQ	440	1	492	543	1	713	0.6	10/1000	400	SMA	5.25x2.85x2.5	A440C	A440	DC Power				○	○	○
BV-SMBJ5CAQ	BV-SMBJ5AQ	5	800	6.4	7	10	9.2	65.3	10/1000	600	SMB	5.45x3.75x2.6	B5C	B5	DC Power				○	○	○
BV-SMBJ6CAQ	BV-SMBJ6AQ	6	800	6.67	7.37	10	10.3	58.3	10/1000	600	SMB	5.45x3.75x2.6	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	5.45x3.75x2.6	B6.5C	B6.5	DC Power				○	○	○
BV-SMBJ7CAQ	BV-SMBJ7AQ	7	200	7.78	8.6	10	12	50	10/1000	600	SMB	5.45x3.75x2.6	B7C	B7	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMBJ7.5CAQ	BV-SMBJ7.5AQ	7.5	100	8.33	9.21	1	12.9	46.6	10/1000	600	SMB	5.45x3.75x2.6	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	5.45x3.75x2.6	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	5.45x3.75x2.6	B8.5C	B8.5	DC Power				○	○	○
BV-SMBJ9CAQ	BV-SMBJ9AQ	9	10	10	11.1	1	15.4	39	10/1000	600	SMB	5.45x3.75x2.6	B9C	B9	DC Power				○	○	○
BV-SMBJ10CAQ	BV-SMBJ10AQ	10	5	11.1	12.3	1	17	35.3	10/1000	600	SMB	5.45x3.75x2.6	B10C	B10	DC Power				○	○	○
BV-SMBJ11CAQ	BV-SMBJ11AQ	11	1	12.2	13.5	1	18.2	33	10/1000	600	SMB	5.45x3.75x2.6	B11C	B11	DC Power				○	○	○
BV-SMBJ12CAQ	BV-SMBJ12AQ	12	1	13.3	14.7	1	19.9	30.2	10/1000	600	SMB	5.45x3.75x2.6	B12C	B12	DC Power				○	○	○
BV-SMBJ13CAQ	BV-SMBJ13AQ	13	1	14.4	15.9	1	21.5	28	10/1000	600	SMB	5.45x3.75x2.6	B13C	B13	DC Power				○	○	○
BV-SMBJ14CAQ	BV-SMBJ14AQ	14	1	15.6	17.2	1	23.2	25.9	10/1000	600	SMB	5.45x3.75x2.6	B14C	B14	DC Power				○	○	○
BV-SMBJ15CAQ	BV-SMBJ15AQ	15	1	16.7	18.5	1	24.4	24.6	10/1000	600	SMB	5.45x3.75x2.6	B15C	B15	DC Power				○	○	○
BV-SMBJ16CAQ	BV-SMBJ16AQ	16	1	17.8	19.7	1	26	23.1	10/1000	600	SMB	5.45x3.75x2.6	B16C	B16	DC Power				○	○	○
BV-SMBJ17CAQ	BV-SMBJ17AQ	17	1	18.9	20.9	1	27.6	21.8	10/1000	600	SMB	5.45x3.75x2.6	B17C	B17	DC Power				○	○	○
BV-SMBJ18CAQ	BV-SMBJ18AQ	18	1	20	22.1	1	29.2	20.6	10/1000	600	SMB	5.45x3.75x2.6	B18C	B18	DC Power				○	○	○
BV-SMBJ20CAQ	BV-SMBJ20AQ	20	1	22.2	24.5	1	32.4	18.6	10/1000	600	SMB	5.45x3.75x2.6	B20C	B20	DC Power				○	○	○
BV-SMBJ22CAQ	BV-SMBJ22AQ	22	1	24.4	26.9	1	35.5	16.9	10/1000	600	SMB	5.45x3.75x2.6	B22C	B22	DC Power				○	○	○
BV-SMBJ24CAQ	BV-SMBJ24AQ	24	1	26.7	29.5	1	38.9	15.5	10/1000	600	SMB	5.45x3.75x2.6	B24C	B24	DC Power				○	○	○
BV-SMBJ26CAQ	BV-SMBJ26AQ	26	1	28.9	31.9	1	42.1	14.3	10/1000	600	SMB	5.45x3.75x2.6	B26C	B26	DC Power				○	○	○
BV-SMBJ28CAQ	BV-SMBJ28AQ	28	1	31.1	34.4	1	45.4	13.3	10/1000	600	SMB	5.45x3.75x2.6	B28C	B28	DC Power				○	○	○
BV-SMBJ30CAQ	BV-SMBJ30AQ	30	1	33.3	36.8	1	48.4	12.4	10/1000	600	SMB	5.45x3.75x2.6	B30C	B30	DC Power				○	○	○
BV-SMBJ33CAQ	BV-SMBJ33AQ	33	1	36.7	40.6	1	53.3	11.3	10/1000	600	SMB	5.45x3.75x2.6	B33C	B33	DC Power				○	○	○
BV-SMBJ36CAQ	BV-SMBJ36AQ	36	1	40	44.2	1	58.1	10.4	10/1000	600	SMB	5.45x3.75x2.6	B36C	B36	DC Power				○	○	○
BV-SMBJ40CAQ	BV-SMBJ40AQ	40	1	44.4	49.1	1	64.5	9.3	10/1000	600	SMB	5.45x3.75x2.6	B40C	B40	DC Power				○	○	○
BV-SMBJ43CAQ	BV-SMBJ43AQ	43	1	47.8	52.8	1	69.4	8.7	10/1000	600	SMB	5.45x3.75x2.6	B43C	B43	DC Power				○	○	○
BV-SMBJ45CAQ	BV-SMBJ45AQ	45	1	50	55.3	1	72.7	8.3	10/1000	600	SMB	5.45x3.75x2.6	B45C	B45	DC Power				○	○	○
BV-SMBJ48CAQ	BV-SMBJ48AQ	48	1	53.3	58.9	1	77.4	7.8	10/1000	600	SMB	5.45x3.75x2.6	B48C	B48	DC Power				○	○	○
BV-SMBJ51CAQ	BV-SMBJ51AQ	51	1	56.7	62.7	1	82.4	7.3	10/1000	600	SMB	5.45x3.75x2.6	B51C	B51	DC Power				○	○	○
BV-SMBJ54CAQ	BV-SMBJ54AQ	54	1	60	66.3	1	87.1	6.9	10/1000	600	SMB	5.45x3.75x2.6	B54C	B54	DC Power				○	○	○
BV-SMBJ58CAQ	BV-SMBJ58AQ	58	1	64.4	71.2	1	93.6	6.5	10/1000	600	SMB	5.45x3.75x2.6	B58C	B58	DC Power				○	○	○
BV-SMBJ60CAQ	BV-SMBJ60AQ	60	1	66.7	73.7	1	96.8	6.2	10/1000	600	SMB	5.45x3.75x2.6	B60C	B60	DC Power				○	○	○
BV-SMBJ64CAQ	BV-SMBJ64AQ	64	1	71.1	78.6	1	103	5.9	10/1000	600	SMB	5.45x3.75x2.6	B64C	B64	DC Power				○	○	○
BV-SMBJ70CAQ	BV-SMBJ70AQ	70	1	77.8	86	1	113	5.3	10/1000	600	SMB	5.45x3.75x2.6	B70C	B70	DC Power				○	○	○
BV-SMBJ75CAQ	BV-SMBJ75AQ	75	1	83.3	92.1	1	121	5	10/1000	600	SMB	5.45x3.75x2.6	B75C	B75	DC Power				○	○	○

产品型号 Part Number 双向 BI	产品型号 Part Number 单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	不动作电压 Off state Voltage I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	击穿电压 Breakdown Voltage V_{BR} (V) Max	击穿电压 Breakdown Voltage I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	最大钳位电压 Clamp Voltage I_{PP} (A)	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 双向 BI	印字 Mark 单向 UNI	应用 Application	电路符号 Circuit 双向 BI	电路符号 Circuit 单向 UNI	产品外观 Outline	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BV-SMBJ78CAQ	BV-SMBJ78AQ	78	1	86.7	95.8	1	126	4.8	10/1000	600	SMB	5.45x3.75x2.6	B78C	B78	DC Power				○	○	○
BV-SMBJ85CAQ	BV-SMBJ85AQ	85	1	94.4	104	1	137	4.4	10/1000	600	SMB	5.45x3.75x2.6	B85C	B85	DC Power				○	○	○
BV-SMBJ90CAQ	BV-SMBJ90AQ	90	1	100	111	1	146	4.1	10/1000	600	SMB	5.45x3.75x2.6	B90C	B90	DC Power				○	○	○
BV-SMBJ100CAQ	BV-SMBJ100AQ	100	1	111	123	1	162	3.7	10/1000	600	SMB	5.45x3.75x2.6	B100C	B100	DC Power				○	○	○
BV-SMBJ110CAQ	BV-SMBJ110AQ	110	1	122	135	1	177	3.4	10/1000	600	SMB	5.45x3.75x2.6	B110C	B110	DC Power				○	○	○
BV-SMBJ120CAQ	BV-SMBJ120AQ	120	1	133	147	1	193	3.1	10/1000	600	SMB	5.45x3.75x2.6	B120C	B120	DC Power				○	○	○
BV-SMBJ130CAQ	BV-SMBJ130AQ	130	1	144	159	1	209	2.9	10/1000	600	SMB	5.45x3.75x2.6	B130C	B130	DC Power				○	○	○
BV-SMBJ150CAQ	BV-SMBJ150AQ	150	1	167	185	1	243	2.5	10/1000	600	SMB	5.45x3.75x2.6	B150C	B150	DC Power				○	○	○
BV-SMBJ160CAQ	BV-SMBJ160AQ	160	1	178	197	1	259	2.3	10/1000	600	SMB	5.45x3.75x2.6	B160C	B160	DC Power				○	○	○
BV-SMBJ170CAQ	BV-SMBJ170AQ	170	1	189	209	1	275	2.2	10/1000	600	SMB	5.45x3.75x2.6	B170C	B170	DC Power				○	○	○
BV-SMBJ180CAQ	BV-SMBJ180AQ	180	1	201	222	1	292	2.1	10/1000	600	SMB	5.45x3.75x2.6	B180C	B180	DC Power				○	○	○
BV-SMBJ188CAQ	BV-SMBJ188AQ	188	1	209	231	1	304	2	10/1000	600	SMB	5.45x3.75x2.6	B188C	B188	DC Power				○	○	○
BV-SMBJ200CAQ	BV-SMBJ200AQ	200	1	224	247	1	324	1.9	10/1000	600	SMB	5.45x3.75x2.6	B200C	B200	DC Power				○	○	○
BV-SMBJ220CAQ	BV-SMBJ220AQ	220	1	246	272	1	356	1.7	10/1000	600	SMB	5.45x3.75x2.6	B220C	B220	DC Power				○	○	○
BV-SMBJ250CAQ	BV-SMBJ250AQ	250	1	279	309	1	405	1.5	10/1000	600	SMB	5.45x3.75x2.6	B250C	B250	DC Power				○	○	○
BV-SMBJ300CAQ	BV-SMBJ300AQ	300	1	335	371	1	486	1.3	10/1000	600	SMB	5.45x3.75x2.6	B300C	B300	DC Power				○	○	○
BV-SMBJ350CAQ	BV-SMBJ350AQ	350	1	391	432	1	567	1.1	10/1000	600	SMB	5.45x3.75x2.6	B350C	B350	DC Power				○	○	○
BV-SMBJ400CAQ	BV-SMBJ400AQ	400	1	447	494	1	648	0.9	10/1000	600	SMB	5.45x3.75x2.6	B400C	B400	DC Power				○	○	○
BV-SMBJ440CAQ	BV-SMBJ440AQ	440	1	492	543	1	713	0.9	10/1000	600	SMB	5.45x3.75x2.6	B440C	B440	DC Power				○	○	○
BV-SMBJ480CAQ	BV-SMBJ480AQ	480	1	536	593	1	750	0.8	10/1000	600	SMB	5.45x3.75x2.6	B480C	B480	DC Power				○	○	○
BV-SMCJ5CAQ	BV-SMCJ5AQ	5	800	6.4	7	10	9.2	163.0	10/1000	1500	SMC	8.25x6.15x2.95	C5C	C5	DC Power				○	○	○
BV-SMCJ6CAQ	BV-SMCJ6AQ	6	800	6.67	7.37	10	10.3	145.7	10/1000	1500	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	C6.5C	C6.5	DC Power				○	○	○
BV-SMCJ7CAQ	BV-SMCJ7AQ	7	200	7.78	8.6	10	12	125.0	10/1000	1500	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	C8.5C	C8.5	DC Power				○	○	○
BV-SMCJ9CAQ	BV-SMCJ9AQ	9	10	10	11.1	1	15.4	97.4	10/1000	1500	SMC	8.25x6.15x2.95	C9C	C9	DC Power				○	○	○
BV-SMCJ10CAQ	BV-SMCJ10AQ	10	5	11.1	12.3	1	17	88.3	10/1000	1500	SMC	8.25x6.15x2.95	C10C	C10	DC Power				○	○	○
BV-SMCJ11CAQ	BV-SMCJ11AQ	11	1	12.2	13.5	1	18.2	82.5	10/1000	1500	SMC	8.25x6.15x2.95	C11C	C11	DC Power				○	○	○
BV-SMCJ12CAQ	BV-SMCJ12AQ	12	1	13.3	14.7	1	19.9	75.4	10/1000	1500	SMC	8.25x6.15x2.95	C12C	C12	DC Power				○	○	○
BV-SMCJ13CAQ	BV-SMCJ13AQ	13	1	14.4	15.9	1	21.5	69.8	10/1000	1500	SMC	8.25x6.15x2.95	C13C	C13	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMCJ14CAQ	BV-SMCJ14AQ	14	1	15.6	17.2	1	23.2	64.7	10/1000	1500	SMC	8.25x6.15x2.95	C14C	C14	DC Power				○	○	○
BV-SMCJ15CAQ	BV-SMCJ15AQ	15	1	16.7	18.5	1	24.4	61.5	10/1000	1500	SMC	8.25x6.15x2.95	C15C	C15	DC Power				○	○	○
BV-SMCJ16CAQ	BV-SMCJ16AQ	16	1	17.8	19.7	1	26	57.7	10/1000	1500	SMC	8.25x6.15x2.95	C16C	C16	DC Power				○	○	○
BV-SMCJ17CAQ	BV-SMCJ17AQ	17	1	18.9	20.9	1	27.6	54.4	10/1000	1500	SMC	8.25x6.15x2.95	C17C	C17	DC Power				○	○	○
BV-SMCJ18CAQ	BV-SMCJ18AQ	18	1	20	22.1	1	29.2	51.4	10/1000	1500	SMC	8.25x6.15x2.95	C18C	C18	DC Power				○	○	○
BV-SMCJ20CAQ	BV-SMCJ20AQ	20	1	22.2	24.5	1	32.4	46.3	10/1000	1500	SMC	8.25x6.15x2.95	C20C	C20	DC Power				○	○	○
BV-SMCJ22CAQ	BV-SMCJ22AQ	22	1	24.4	26.9	1	35.5	42.3	10/1000	1500	SMC	8.25x6.15x2.95	C22C	C22	DC Power				○	○	○
BV-SMCJ24CAQ	BV-SMCJ24AQ	24	1	26.7	29.5	1	38.9	38.6	10/1000	1500	SMC	8.25x6.15x2.95	C24C	C24	DC Power				○	○	○
BV-SMCJ26CAQ	BV-SMCJ26AQ	26	1	28.9	31.9	1	42.1	35.7	10/1000	1500	SMC	8.25x6.15x2.95	C26C	C26	DC Power				○	○	○
BV-SMCJ28CAQ	BV-SMCJ28AQ	28	1	31.1	34.4	1	45.4	33.1	10/1000	1500	SMC	8.25x6.15x2.95	C28C	C28	DC Power				○	○	○
BV-SMCJ30CAQ	BV-SMCJ30AQ	30	1	33.3	36.8	1	48.4	31.0	10/1000	1500	SMC	8.25x6.15x2.95	C30C	C30	DC Power				○	○	○
BV-SMCJ33CAQ	BV-SMCJ33AQ	33	1	36.7	40.6	1	53.3	28.2	10/1000	1500	SMC	8.25x6.15x2.95	C33C	C33	DC Power				○	○	○
BV-SMCJ36CAQ	BV-SMCJ36AQ	36	1	40	44.2	1	58.1	25.9	10/1000	1500	SMC	8.25x6.15x2.95	C36C	C36	DC Power				○	○	○
BV-SMCJ40CAQ	BV-SMCJ40AQ	40	1	44.4	49.1	1	64.5	23.3	10/1000	1500	SMC	8.25x6.15x2.95	C40C	C40	DC Power				○	○	○
BV-SMCJ43CAQ	BV-SMCJ43AQ	43	1	47.8	52.8	1	69.4	21.7	10/1000	1500	SMC	8.25x6.15x2.95	C43C	C43	DC Power				○	○	○
BV-SMCJ45CAQ	BV-SMCJ45AQ	45	1	50	55.3	1	72.7	20.6	10/1000	1500	SMC	8.25x6.15x2.95	C45C	C45	DC Power				○	○	○
BV-SMCJ48CAQ	BV-SMCJ48AQ	48	1	53.3	58.9	1	77.4	19.4	10/1000	1500	SMC	8.25x6.15x2.95	C48C	C48	DC Power				○	○	○
BV-SMCJ51CAQ	BV-SMCJ51AQ	51	1	56.7	62.7	1	82.4	18.2	10/1000	1500	SMC	8.25x6.15x2.95	C51C	C51	DC Power				○	○	○
BV-SMCJ54CAQ	BV-SMCJ54AQ	54	1	60	66.3	1	87.1	17.3	10/1000	1500	SMC	8.25x6.15x2.95	C54C	C54	DC Power				○	○	○
BV-SMCJ58CAQ	BV-SMCJ58AQ	58	1	64.4	71.2	1	93.6	16.1	10/1000	1500	SMC	8.25x6.15x2.95	C58C	C58	DC Power				○	○	○
BV-SMCJ60CAQ	BV-SMCJ60AQ	60	1	66.7	73.7	1	96.8	15.5	10/1000	1500	SMC	8.25x6.15x2.95	C60C	C60	DC Power				○	○	○
BV-SMCJ64CAQ	BV-SMCJ64AQ	64	1	71.1	78.6	1	103	14.6	10/1000	1500	SMC	8.25x6.15x2.95	C64C	C64	DC Power				○	○	○
BV-SMCJ70CAQ	BV-SMCJ70AQ	70	1	77.8	86	1	113	13.3	10/1000	1500	SMC	8.25x6.15x2.95	C70C	C70	DC Power				○	○	○
BV-SMCJ75CAQ	BV-SMCJ75AQ	75	1	83.3	92.1	1	121	12.4	10/1000	1500	SMC	8.25x6.15x2.95	C75C	C75	DC Power				○	○	○
BV-SMCJ78CAQ	BV-SMCJ78AQ	78	1	86.7	95.8	1	126	11.9	10/1000	1500	SMC	8.25x6.15x2.95	C78C	C78	DC Power				○	○	○
BV-SMCJ85CAQ	BV-SMCJ85AQ	85	1	94.4	104	1	137	11.0	10/1000	1500	SMC	8.25x6.15x2.95	C85C	C85	DC Power				○	○	○
BV-SMCJ90CAQ	BV-SMCJ90AQ	90	1	100	111	1	146	10.3	10/1000	1500	SMC	8.25x6.15x2.95	C90C	C90	DC Power				○	○	○
BV-SMCJ100CAQ	BV-SMCJ100AQ	100	1	111	123	1	162	9.3	10/1000	1500	SMC	8.25x6.15x2.95	C100C	C100	DC Power				○	○	○
BV-SMCJ110CAQ	BV-SMCJ110AQ	110	1	122	135	1	177	8.5	10/1000	1500	SMC	8.25x6.15x2.95	C110C	C110	DC Power				○	○	○
BV-SMCJ120CAQ	BV-SMCJ120AQ	120	1	133	147	1	193	7.8	10/1000	1500	SMC	8.25x6.15x2.95	C120C	C120C	DC Power				○	○	○
BV-SMCJ130CAQ	BV-SMCJ130AQ	130	1	144	159	1	209	7.2	10/1000	1500	SMC	8.25x6.15x2.95	C130C	C130C	DC Power				○	○	○
BV-SMCJ150CAQ	BV-SMCJ150AQ	150	1	167	185	1	243	6.2	10/1000	1500	SMC	8.25x6.15x2.95	C150C	C150C	DC Power				○	○	○

产品型号 Part Number 双向 BI	产品型号 Part Number 单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	不动作电压 Off state Voltage I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	击穿电压 Breakdown Voltage V_{BR} (V) Max	击穿电压 Breakdown Voltage I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	最大钳位电压 Clamp Voltage I_{PP} (A)	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 双向 BI	印字 Mark 单向 UNI	应用 Application	电路符号 Circuit 双向 BI	电路符号 Circuit 单向 UNI	产品外观 Outline	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
BV-SMCJ160CAQ	BV-SMCJ160AQ	160	1	178	197	1	259	5.8	10/1000	1500	SMC	8.25x6.15x2.95	C160C	C160C	DC Power				○	○	○
BV-SMCJ170CAQ	BV-SMCJ170AQ	170	1	189	209	1	275	5.5	10/1000	1500	SMC	8.25x6.15x2.95	C170C	C170C	DC Power				○	○	○
BV-SMCJ180CAQ	BV-SMCJ180AQ	180	1	201	222	1	292	5.1	10/1000	1500	SMC	8.25x6.15x2.95	C180C	C180C	DC Power				○	○	○
BV-SMCJ200CAQ	BV-SMCJ200AQ	200	1	224	247	1	324	4.6	10/1000	1500	SMC	8.25x6.15x2.95	C200C	C200C	DC Power				○	○	○
BV-SMCJ220CAQ	BV-SMCJ220AQ	220	1	246	272	1	356	4.2	10/1000	1500	SMC	8.25x6.15x2.95	C220C	C220C	DC Power				○	○	○
BV-SMCJ250CAQ	BV-SMCJ250AQ	250	1	279	309	1	405	3.7	10/1000	1500	SMC	8.25x6.15x2.95	C250C	C250C	DC Power				○	○	○
BV-SMCJ300CAQ	BV-SMCJ300AQ	300	1	335	371	1	486	3.1	10/1000	1500	SMC	8.25x6.15x2.95	C300C	C300C	DC Power				○	○	○
BV-SMCJ350CAQ	BV-SMCJ350AQ	350	1	391	432	1	567	2.6	10/1000	1500	SMC	8.25x6.15x2.95	C350C	C350C	DC Power				○	○	○
BV-SMCJ400CAQ	BV-SMCJ400AQ	400	1	447	494	1	648	2.3	10/1000	1500	SMC	8.25x6.15x2.95	C400C	C400C	DC Power				○	○	○
BV-SMCJ440CAQ	BV-SMCJ440AQ	440	1	492	543	1	713	2.1	10/1000	1500	SMC	8.25x6.15x2.95	C440C	C440C	DC Power				○	○	○
BV-SMDJ5CAQ	BV-SMDJ5AQ	5	800	6.4	7	10	9.2	326.1	10/1000	3000	SMC	8.25x6.15x2.95	D5C	D5	DC Power				○	○	○
BV-SMDJ6CAQ	BV-SMDJ6AQ	6	800	6.67	7.37	10	10.3	291.3	10/1000	3000	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	D6.5C	D6.5	DC Power				○	○	○
BV-SMDJ7CAQ	BV-SMDJ7AQ	7	200	7.78	8.6	10	12	250.0	10/1000	3000	SMC	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	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	8.25x6.15x2.95	D8.5C	D8.5	DC Power				○	○	○
BV-SMDJ9CAQ	BV-SMDJ9AQ	9	10	10	11.1	1	15.4	194.8	10/1000	3000	SMC	8.25x6.15x2.95	D9C	D9	DC Power				○	○	○
BV-SMDJ10CAQ	BV-SMDJ10AQ	10	5	11.1	12.3	1	17	176.5	10/1000	3000	SMC	8.25x6.15x2.95	D10C	D10	DC Power				○	○	○
BV-SMDJ11CAQ	BV-SMDJ11AQ	11	1	12.2	13.5	1	18.2	164.8	10/1000	3000	SMC	8.25x6.15x2.95	D11C	D11	DC Power				○	○	○
BV-SMDJ12CAQ	BV-SMDJ12AQ	12	1	13.3	14.7	1	19.9	150.8	10/1000	3000	SMC	8.25x6.15x2.95	D12C	D12	DC Power				○	○	○
BV-SMDJ13CAQ	BV-SMDJ13AQ	13	1	14.4	15.9	1	21.5	139.5	10/1000	3000	SMC	8.25x6.15x2.95	D13C	D13	DC Power				○	○	○
BV-SMDJ14CAQ	BV-SMDJ14AQ	14	1	15.6	17.2	1	23.2	129.3	10/1000	3000	SMC	8.25x6.15x2.95	D14C	D14	DC Power				○	○	○
BV-SMDJ15CAQ	BV-SMDJ15AQ	15	1	16.7	18.5	1	24.4	123.0	10/1000	3000	SMC	8.25x6.15x2.95	D15C	D15	DC Power				○	○	○
BV-SMDJ16CAQ	BV-SMDJ16AQ	16	1	17.8	19.7	1	26	115.4	10/1000	3000	SMC	8.25x6.15x2.95	D16C	D16	DC Power				○	○	○
BV-SMDJ17CAQ	BV-SMDJ17AQ	17	1	18.9	20.9	1	27.6	108.7	10/1000	3000	SMC	8.25x6.15x2.95	D17C	D17	DC Power				○	○	○
BV-SMDJ18CAQ	BV-SMDJ18AQ	18	1	20	22.1	1	29.2	102.7	10/1000	3000	SMC	8.25x6.15x2.95	D18C	D18	DC Power				○	○	○
BV-SMDJ20CAQ	BV-SMDJ20AQ	20	1	22.2	24.5	1	32.4	92.6	10/1000	3000	SMC	8.25x6.15x2.95	D20C	D20	DC Power				○	○	○
BV-SMDJ22CAQ	BV-SMDJ22AQ	22	1	24.4	26.9	1	35.5	84.5	10/1000	3000	SMC	8.25x6.15x2.95	D22C	D22	DC Power				○	○	○
BV-SMDJ24CAQ	BV-SMDJ24AQ	24	1	26.7	29.5	1	38.9	77.1	10/1000	3000	SMC	8.25x6.15x2.95	D24C	D24	DC Power				○	○	○
BV-SMDJ26CAQ	BV-SMDJ26AQ	26	1	28.9	31.9	1	42.1	71.3	10/1000	3000	SMC	8.25x6.15x2.95	D26C	D26	DC Power				○	○	○
BV-SMDJ28CAQ	BV-SMDJ28AQ	28	1	31.1	34.4	1	45.4	66.1	10/1000	3000	SMC	8.25x6.15x2.95	D28C	D28	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-SMDJ30CAQ	BV-SMDJ30AQ	30	1	33.3	36.8	1	48.4	62.0	10/1000	3000	SMC	8.25x6.15x2.95	D30C	D30	DC Power				○	○	○
BV-SMDJ33CAQ	BV-SMDJ33AQ	33	1	36.7	40.6	1	53.3	56.3	10/1000	3000	SMC	8.25x6.15x2.95	D33C	D33	DC Power				○	○	○
BV-SMDJ36CAQ	BV-SMDJ36AQ	36	1	40	44.2	1	58.1	51.6	10/1000	3000	SMC	8.25x6.15x2.95	D36C	D36	DC Power				○	○	○
BV-SMDJ40CAQ	BV-SMDJ40AQ	40	1	44.4	49.1	1	64.5	46.5	10/1000	3000	SMC	8.25x6.15x2.95	D40C	D40	DC Power				○	○	○
BV-SMDJ43CAQ	BV-SMDJ43AQ	43	1	47.8	52.8	1	69.4	43.2	10/1000	3000	SMC	8.25x6.15x2.95	D43C	D43	DC Power				○	○	○
BV-SMDJ45CAQ	BV-SMDJ45AQ	45	1	50	55.3	1	72.7	41.3	10/1000	3000	SMC	8.25x6.15x2.95	D45C	D45	DC Power				○	○	○
BV-SMDJ48CAQ	BV-SMDJ48AQ	48	1	53.3	58.9	1	77.4	38.8	10/1000	3000	SMC	8.25x6.15x2.95	D48C	D48	DC Power				○	○	○
BV-SMDJ51CAQ	BV-SMDJ51AQ	51	1	56.7	62.7	1	82.4	36.4	10/1000	3000	SMC	8.25x6.15x2.95	D51C	D51	DC Power				○	○	○
BV-SMDJ54CAQ	BV-SMDJ54AQ	54	1	60	66.3	1	87.1	34.4	10/1000	3000	SMC	8.25x6.15x2.95	D54C	D54	DC Power				○	○	○
BV-SMDJ58CAQ	BV-SMDJ58AQ	58	1	64.4	71.2	1	93.6	32.1	10/1000	3000	SMC	8.25x6.15x2.95	D58C	D58	DC Power				○	○	○
BV-SMDJ60CAQ	BV-SMDJ60AQ	60	1	66.7	73.7	1	96.8	31.0	10/1000	3000	SMC	8.25x6.15x2.95	D60C	D60	DC Power				○	○	○
BV-SMDJ64CAQ	BV-SMDJ64AQ	64	1	71.1	78.6	1	103	29.1	10/1000	3000	SMC	8.25x6.15x2.95	D64C	D64	DC Power				○	○	○
BV-SMDJ70CAQ	BV-SMDJ70AQ	70	1	77.8	86	1	113	26.5	10/1000	3000	SMC	8.25x6.15x2.95	D70C	D70	DC Power				○	○	○
BV-SMDJ75CAQ	BV-SMDJ75AQ	75	1	83.3	92.1	1	121	24.8	10/1000	3000	SMC	8.25x6.15x2.95	D75C	D75	DC Power				○	○	○
BV-SMDJ78CAQ	BV-SMDJ78AQ	78	1	86.7	95.8	1	126	23.8	10/1000	3000	SMC	8.25x6.15x2.95	D78C	D78	DC Power				○	○	○
BV-SMDJ85CAQ	BV-SMDJ85AQ	85	1	94.4	104	1	137	21.9	10/1000	3000	SMC	8.25x6.15x2.95	D85C	D85	DC Power				○	○	○
BV-SMDJ90CAQ	BV-SMDJ90AQ	90	1	100	111	1	146	20.5	10/1000	3000	SMC	8.25x6.15x2.95	D90C	D90	DC Power				○	○	○
BV-SMDJ100CAQ	BV-SMDJ100AQ	100	1	111	123	1	162	18.5	10/1000	3000	SMC	8.25x6.15x2.95	D100C	D100	DC Power				○	○	○
BV-SMDJ110CAQ	BV-SMDJ110AQ	110	1	122	135	1	177	16.9	10/1000	3000	SMC	8.25x6.15x2.95	D110C	D110	DC Power				○	○	○
BV-SMDJ120CAQ	BV-SMDJ120AQ	120	1	133	147	1	193	15.5	10/1000	3000	SMC	8.25x6.15x2.95	D120C	D120	DC Power				○	○	○
BV-SMDJ130CAQ	BV-SMDJ130AQ	130	1	144	159	1	209	14.4	10/1000	3000	SMC	8.25x6.15x2.95	D130C	D130	DC Power				○	○	○
BV-SMDJ150CAQ	BV-SMDJ150AQ	150	1	167	185	1	243	12.3	10/1000	3000	SMC	8.25x6.15x2.95	D150C	D150	DC Power				○	○	○
BV-SMDJ160CAQ	BV-SMDJ160AQ	160	1	178	197	1	259	11.6	10/1000	3000	SMC	8.25x6.15x2.95	D160C	D160	DC Power				○	○	○
BV-SMDJ170CAQ	BV-SMDJ170AQ	170	1	189	209	1	275	10.9	10/1000	3000	SMC	8.25x6.15x2.95	D170C	D170	DC Power				○	○	○
BV-5SMDJ11CAQ	BV-5SMDJ11AQ	11	800	12.2	13.5	1	18.2	275	10/1000	5000	SMC	8.25x6.15x2.95	5D11C	5D11	DC Power				○	○	○
BV-5 SMDJ12CAQ	BV-5 SMDJ12AQ	12	800	13.3	14.7	1	19.9	252	10/1000	5000	SMC	8.25x6.15x2.95	5D12C	5D12	DC Power				○	○	○
BV-5SMDJ13CAQ	BV-5SMDJ13AQ	13	500	14.4	15.9	1	21.5	233	10/1000	5000	SMC	8.25x6.15x2.95	5D13C	5D13	DC Power				○	○	○
BV-5SMDJ14CAQ	BV-5SMDJ14AQ	14	200	15.6	17.2	1	23.2	216	10/1000	5000	SMC	8.25x6.15x2.95	5D14C	5D14	DC Power				○	○	○
BV-5SMDJ15CAQ	BV-5SMDJ15AQ	15	100	16.7	18.5	1	24.4	205	10/1000	5000	SMC	8.25x6.15x2.95	5D15C	5D15	DC Power				○	○	○
BV-5SMDJ16CAQ	BV-5SMDJ16AQ	16	50	17.8	19.7	1	26	193	10/1000	5000	SMC	8.25x6.15x2.95	5D16C	5D16	DC Power				○	○	○
BV-5SMDJ17CAQ	BV-5SMDJ17AQ	17	20	18.9	20.9	1	27.6	181	10/1000	5000	SMC	8.25x6.15x2.95	5D17C	5D17	DC Power				○	○	○
BV-5SMDJ18CAQ	BV-5SMDJ18AQ	18	10	20	22.1	1	29.2	172	10/1000	5000	SMC	8.25x6.15x2.95	5D18C	5D18	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BV-5SMDJ20CAQ	BV-5SMDJ20AQ	20	5	22.2	24.5	1	32.4	155	10/1000	5000	SMC	8.25x6.15x2.95	5D20C	5D20	DC Power				○	○	○
BV-5SMDJ22CAQ	BV-5SMDJ22AQ	22	5	24.4	26.9	1	35.5	141	10/1000	5000	SMC	8.25x6.15x2.95	5D22C	5D22	DC Power				○	○	○
BV-5SMDJ24CAQ	BV-5SMDJ24AQ	24	2	26.7	29.5	1	38.9	129	10/1000	5000	SMC	8.25x6.15x2.95	5D24C	5D24	DC Power				○	○	○
BV-5SMDJ26CAQ	BV-5SMDJ26AQ	26	2	28.9	31.9	1	42.1	119	10/1000	5000	SMC	8.25x6.15x2.95	5D26C	5D26	DC Power				○	○	○
BV-5SMDJ28CAQ	BV-5SMDJ28AQ	28	2	31.1	34.4	1	45.4	110	10/1000	5000	SMC	8.25x6.15x2.95	5D28C	5D28	DC Power				○	○	○
BV-5SMDJ30CAQ	BV-5SMDJ30AQ	30	2	33.3	36.8	1	48.4	103	10/1000	5000	SMC	8.25x6.15x2.95	5D30C	5D30	DC Power				○	○	○
BV-5SMDJ33CAQ	BV-5SMDJ33AQ	33	2	36.7	40.6	1	53.3	93.9	10/1000	5000	SMC	8.25x6.15x2.95	5D33C	5D33	DC Power				○	○	○
BV-5SMDJ36CAQ	BV-5SMDJ36AQ	36	2	40	44.2	1	58.1	86.1	10/1000	5000	SMC	8.25x6.15x2.95	5D36C	5D36	DC Power				○	○	○
BV-5SMDJ40CAQ	BV-5SMDJ40AQ	40	2	44.4	49.1	1	64.5	77.6	10/1000	5000	SMC	8.25x6.15x2.95	5D40C	5D40	DC Power				○	○	○
BV-5SMDJ43CAQ	BV-5SMDJ43AQ	43	2	47.8	52.8	1	69.4	72.1	10/1000	5000	SMC	8.25x6.15x2.95	5D43C	5D43	DC Power				○	○	○
BV-5SMDJ45CAQ	BV-5SMDJ45AQ	45	2	50	55.3	1	72.7	68.8	10/1000	5000	SMC	8.25x6.15x2.95	5D45C	5D45	DC Power				○	○	○
BV-5SMDJ48CAQ	BV-5SMDJ48AQ	48	2	53.3	58.9	1	77.4	64.7	10/1000	5000	SMC	8.25x6.15x2.95	5D48C	5D48	DC Power				○	○	○
BV-5SMDJ51CAQ	BV-5SMDJ51AQ	51	2	56.7	62.7	1	82.4	60.7	10/1000	5000	SMC	8.25x6.15x2.95	5D51C	5D51	DC Power				○	○	○
BV-5SMDJ54CAQ	BV-5SMDJ54AQ	54	2	60	66.3	1	87.1	57.5	10/1000	5000	SMC	8.25x6.15x2.95	5D54C	5D54	DC Power				○	○	○
BV-5SMDJ58CAQ	BV-5SMDJ58AQ	58	2	64.4	71.2	1	93.6	53.5	10/1000	5000	SMC	8.25x6.15x2.95	5D58C	5D58	DC Power				○	○	○
BV-5SMDJ60CAQ	BV-5SMDJ60AQ	60	2	66.7	73.7	1	96.8	51.7	10/1000	5000	SMC	8.25x6.15x2.95	5D60C	5D60	DC Power				○	○	○
BV-5SMDJ64CAQ	BV-5SMDJ64AQ	64	2	71.1	78.6	1	103	48.6	10/1000	5000	SMC	8.25x6.15x2.95	5D64C	5D64	DC Power				○	○	○
BV-5SMDJ70CAQ	BV-5SMDJ70AQ	70	2	77.8	86	1	113	44.3	10/1000	5000	SMC	8.25x6.15x2.95	5D70C	5D70	DC Power				○	○	○
BV-5SMDJ75CAQ	BV-5SMDJ75AQ	75	2	83.3	92.1	1	121	41.4	10/1000	5000	SMC	8.25x6.15x2.95	5D75C	5D75	DC Power				○	○	○
BV-5SMDJ78CAQ	BV-5SMDJ78AQ	78	2	86.7	95.8	1	126	39.7	10/1000	5000	SMC	8.25x6.15x2.95	5D78C	5D78	DC Power				○	○	○
BV-5SMDJ85CAQ	BV-5SMDJ85AQ	85	2	94.4	104	1	137	36.5	10/1000	5000	SMC	8.25x6.15x2.95	5D85C	5D85	DC Power				○	○	○
BV-5SMDJ90CAQ	BV-5SMDJ90AQ	90	2	100	111	1	146	34.3	10/1000	5000	SMC	8.25x6.15x2.95	5D90C	5D90	DC Power				○	○	○
BV-5SMDJ100CAQ	BV-5SMDJ100AQ	100	2	111	123	1	162	30.9	10/1000	5000	SMC	8.25x6.15x2.95	5D100C	5D100	DC Power				○	○	○
BV-5SMDJ110CAQ	BV-5SMDJ110AQ	110	2	122	135	1	177	28.3	10/1000	5000	SMC	8.25x6.15x2.95	5D110C	5D110	DC Power				○	○	○
BV-5SMDJ120CAQ	BV-5SMDJ120AQ	120	2	133	147	1	193	26	10/1000	5000	SMC	8.25x6.15x2.95	5D120C	5D120	DC Power				○	○	○
BV-5SMDJ130CAQ	BV-5SMDJ130AQ	130	2	144	159	1	209	24	10/1000	5000	SMC	8.25x6.15x2.95	5D130C	5D130	DC Power				○	○	○
BV-5SMDJ150CAQ	BV-5SMDJ150AQ	150	2	167	185	1	243	20.6	10/1000	5000	SMC	8.25x6.15x2.95	5D150C	5D150	DC Power				○	○	○
BV-5SMDJ160CAQ	BV-5SMDJ160AQ	160	2	178	197	1	259	19.3	10/1000	5000	SMC	8.25x6.15x2.95	5D160C	5D160	DC Power				○	○	○
BV-5SMDJ170CAQ	BV-5SMDJ170AQ	170	2	189	209	1	275	18.2	10/1000	5000	SMC	8.25x6.15x2.95	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				○	○	○

产品型号 Part Number 双向 BI	产品型号 Part Number 单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	不动作电压 Off state Voltage I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	击穿电压 Breakdown Voltage V_{BR} (V) Max	击穿电压 Breakdown Voltage I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	最大钳位电压 Clamp Voltage I_{PP} (A)	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 双向 BI	印字 Mark 单向 UNI	应用 Application	电路符号 Circuit 双向 BI	电路符号 Circuit 单向 UNI	产品外观 Outline	备注 Remarks UL497B	备注 Remarks UL1449	备注 Remarks New products
	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	5.45x3.75x2.6	B30C2H		DC Power				○	○	○
BV-SMBJ58C2H		58	1	62.4	71.2	1	85	150	10/700	4(KV)	SMB	5.45x3.75x2.6	B58C2		POE				○	○	○
BV-SMBJ36C2M		36	1	38	44.2	1	50	30	10/1000	1500	SMB	5.45x3.75x2.6	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	5.4x3.3x2.0	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	5.4x3.3x2.0	B20CT		DC Power				○	○	○
BV-SMBJ15CAH		15	1	16.7	18.5	1	24.4	40.8	10/1000	1000	SMB	5.45x3.75x2.6	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	8.0x5.9x2.0	C58CT		POE				○	○	○
	BV-SMKJ30A	30	10	33	37	10	55	3000	8/20	/	SMK	10.6x8.25x2.25		K30A	DC Power				○	○	○
BV-SMKJ75CA		75	10	85	94	10	140	3000	8/20	/	SMK	10.6x8.25x2.25	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				○	○	○
BCCSP-58C-412K		58	1	66	/	10	93.6	2000	10/700	1500	CSP	4.1x4.1x0.6	58CSP		DC Power				○	○	○
BCCSP-58C-462K		58	1	66	/	10	93.6	2000	10/700	1500	CSP	4.6x4.6x0.6	58CSP		DC Power				○	○	○
BCCSP-58C-654K		58	1	66	/	10	93.6	4000	10/700	1500	CSP	6.5x6.5x0.6	58CSP		DC Power				○	○	○
BV-D158ZCH		58	1	64.4	71.2	1	93.6	4.3	10/1000	400	SOD123F	3.7X1.8X1.0	DG		DC Power				○	○	○
	BV-D105ZH	5	400	6.4	7	10	9.2	43.5	10/1000	400	SOD123F	3.7X1.8X1.0			A2	DC Power				○	○	○
	BV-D115ZH	15	1	16.7	18.5	1	24.4	16.4	10/1000	400	SOD123F	3.7X1.8X1.0			B6	DC Power				○	○	○

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	Max	I_R (mA)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	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 双向 BI	单向 UNI	应用 Application	电路符号 Circuit 双向 BI	单向 UNI	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
	BV-D117ZH	17	1	18.9	20.9	1	27.6	14.5	10/1000	400	SOD123F	3.7X1.8X1.0		B8	DC Power				○	○	○
BV-SMEJ44CA		44	10	48	54	10	80	10000	8/20μs	/	SME	18.3x14.0x7.5	/		DC Power				○	○	○
BV-SMEJ66CA		66	10	72	80	10	100	10000	8/20μs	/	SME	18.3x14.0x7.5	/		DC Power				○	○	○
BV-SMEJ76CA-H		76	10	85	95	10	140	10000	8/20μs	/	SME	18.3x14.0x7.5	/		DC Power				○	○	○
BV-SMEJ86CA-H		86	10	95	105	10	157	10000	8/20μs	/	SME	18.3x14.0x7.5	/		DC Power				○	○	○

产品型号 Part Number	测试方向 Test Direction	不动作电压 Off state Voltage V_{DRM} (V)	I_D (μA) Max	转折/开启电压 Switching Voltage V_S/V_{BR} (V) Max	I_S/I_R (mA)	通态电压 On state Voltage V_T (V) Max	I_T (A)	最大钳位电压 Clamp Voltage V_{CPE} (V) Max	V_{CPL}	@I_{PP} (KA) 8/20μs	最大钳位电压 Clamp Voltage V_C (V) Max	@ I_{PP} (KA) 10/350μs	封装 Package	尺寸 Size LxWxH(mm)	印字 Mark	应用 Application	电路符号 Circuit	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BVS-SMEJ6665CA-H	Pin1-Pin2	66	10	105	10	/	/	157	59.4	10	157	0.4	SMEJ	18.3x14.0x7.5	10-6665 BVS YM	DC Power			○	○	●
	Pin2-Pin1	65	10	120	800	4	2.2	157	/	10	157	0.4									
BVS-SMEJ7675CA-H	Pin1-Pin2	76	10	95	10	/	/	140	68.4	10	140	0.4	SMEJ	18.3x14.0x7.5	10-7675 BVS YM	DC Power			○	○	●
	Pin2-Pin1	75	10	88	800	4	2.2	140	/	10	140	0.4									
BVS-SMEJ8685CA-H	Pin1-Pin2	86	10	105	10	/	/	157	77.4	10	157	0.4	SMEJ	18.3x14.0x7.5	10-8685 BVS YM	DC Power			○	○	●
	Pin2-Pin1	85	10	100	800	4	2.2	150	/	10	150	0.4									

产品型号 Part Number	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	最大钳位电压 Clamp Voltage V_C @ I_{PP} (V) Max	(A)	结电容 Capacitance C_O (pF) 0V@1MHZ Max	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	备注 Remarks UL497B	UL1449	New products
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-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-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-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-D315UCE	15	1	17.3	1	21.7	1	40	10	2	8/20	400	SOD-323	D7	1.6x1.3x1.2	xDSL			○	○	○
BV-FG03U4CA	3	0.1	3.5	1	7	1	17	12	1.2	8/20	200	DNF2010-8L	U33	2.0x1.0x0.5	Ethernet			○	○	○
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-3304P8	3.3	0.1	3.5	1	5.8	1	18	25	2	8/20	450	SOP8	LC33	4.9x3.9x1.5	Ethernet			○	○	○
BV-SRV05-4	5	0.5	6	1	/	/	15	5	1.8	8/20	75	SOT23-6	V05	2.9x2.4x1.0	Video			○	○	○
BV-ULC0524PA	5	1	6	1	15	1	25	4	0.6	8/20	100	DFN-2510-10L	P524	2.5x1.0x0.5	HDMI			○	○	○
BV-FK05U4CA	5	0.5	6	1	/	/	15	3	0.6	8/20	45	DFN-2510-10L	0524P	2.5x1.0x0.5	HDMI			○	○	○
BV-SR05	5	1	6	1	15	1	25	5	1.2	8/20	125	SOT143	R05	2.9x1.3x1.0	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-D112ZB	12	1	13.3	1	23	100	26	170	1500	8/20	4420	SOD123F	BE	2.7X1.8X1.0	DC power			○	○	○
BV-D112ZCB	12	1	13.3	1	/	/	24	170	1000	8/20	4000	SOD123F	BE	2.7X1.8X1.0	DC power			○	○	○
BV-FM12ZA	12	1	13	1	23	100	27	150	1500	8/20	4050	DFN2020	U12Z	2.0x2.0x0.6	DC power			○	○	○
BV-FM4.5ZCB	4.5	1	4.8	1	/	/	20	275	1000	8/20	6000	DFN2020	45ZB	2.0x2.0x0.6	DC power			○	○	○
BV-FM20ZA	20	1	21	1	/	/	37	80	1500	8/20	2960	DFN2020	U20Z	2.0x2.0x0.6	DC power			○	○	○
BV-FM24ZD	24	1	25	1	46	70	53	90	1500	8/20	4000	DFN2020	U24Z	2.0x2.0x0.6	DC power			○	○	○
BV-FE05ZA	5	1	6	1	9	100	13	150	2000	8/20	1800	DFN1610-2L	U5Z	1.6x1.0x0.5	Cell phone			○	○	○
BV-FE07ZA	7	1	7.5	1	12	80	13	100	1000	8/20	1300	DFN1610-2L	Z07A	1.6x1.0x0.5	DC power			○	○	○
BV-FE07ZCA	7	1	7.5	1	/	/	13	100	1000	8/20	1300	DFN1610-2L	07CA	1.6x1.0x0.5	DC power			○	○	○
BV-FE03U2A	3.3	0.5	4.5	1	/	/	24	4	0.35	8/20	100	DFN1610-6L	GA	1.6x1.0x0.5	10G Ethernet			○	○	○
BV-D305ZH	5	1	6	1	11	100	14	130	2000	8/20	1820	SOD-323	U5H	1.6x1.3x1.2	DC power			○	○	○
BV-D505ZC	5	1	5.6	1	11.6	5	19	8	15	8/20	150	SOD523	5C∞	1.2x0.8x0.6	Audio			○	○	○

产品型号 Part Number	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	最大钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	结电容 Capacitance C_O (pF) 0V@1MHZ Max	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	备注 Remarks UL497B	UL1449	New products
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-D512ZA	12	0.1	14.1	1	23	3	29	6	100	8/20	174	SOD523	ZM	1.2x0.8x0.6	DC power			○	○	○
BV-FA2.5UCB	2.5	0.5	2.8	1	5	1	10	10	5	8/20	100	DFN1006-2	2V5Z	1.0x0.6x0.5	Ethernet			○	○	○
BV-FA05UC	5	1	6	1	12	1	14	2	0.5	8/20	25	DFN1006-2	S	1.0x0.6x0.5	HDMI			○	○	○
BV-FA05UCA	5	0.1	6	1	16	2	24	4	0.4	8/20	96	DFN1006-2	5BU	1.0x0.6x0.5	HDMI			○	○	○
BV-FA05UCB	5	0.05	6	1	8.3	1	10	4	0.5	8/20	40	DFN1006-2	5U	1.0x0.6x0.5	HDMI			○	○	○
BV-FA05UCD	5	0.05	6	1	9	1	11	7	1	8/20	77	DFN1006-2	5T	1.0x0.6x0.5	HDMI			○	○	○
BV-FA05ZC	5	1	6	1	11	1	15	4.5	15	8/20	75	DFN1006-2	PB	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA03ZCD	3.3	1	4	1	7.6	1	15	6	15	8/20	70	DFN1006-2	3X	1.0x0.6x0.5	PDA			○	○	○
BV-FA05ZCD	5	0.5	5.6	1	10	1	12	5	18	8/20	60	DFN1006-2	PD	1.0x0.6x0.5	PDA			○	○	○
BV-FA03ZCB	3.3	1	3.5	1	6	1	10	7	12	8/20	70	DFN1006-2	T	1.0x0.6x0.5	Ethernet			○	○	○
BV-FA05UA	5	1	5.4	1	10	1	20	4	0.8	8/20	80	DFN1006-2	L	1.0x0.6x0.5	DC power			○	○	○
BV-FW05U6CA	5	1	6	1	16	1	/	/	0.35	8/20	20	DFN4120-10L	BCNxxx	4.1x2.0x0.5	HDMI			○	○	○
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-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-D34.5ZCA	4.5	1	4.8	1	13	100	16	160	1500	8/20	2200	SOD-323	48D	1.6x1.3x1.2	DC power			○	○	○
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-D305ZCA	5	1	6	1	9.8	1	17	24	200	8/20	408	SOD-323	2B	1.6x1.3x1.2	DC power			○	○	○
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-D315ZCA	15	1	16.7	1	25	1	36	9	45	8/20	324	SOD-323	2J	1.6x1.3x1.2	DC power			○	○	○
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-D324ZCA	24	1	26.7	1	45	1	50	5	40	8/20	250	SOD-323	2H	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			○	○	○
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-D305ZB	5	10	6	1	9.8	1	18	17	400	8/20	306	SOD-323	05W	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-D315ZB	15	1	16.7	1	24	1	38	10	120	8/20	380	SOD-323	15W	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-D336ZB	36	1	40	1	60	1	75	3	60	8/20	225	SOD-323	36W	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℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	最大钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	结电容 Capacitance C_O (pF) 0V@1MHZ Max	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	备注 Remarks UL497B	UL1449	New products
BV-T305Z2CA	5	5	6	1	9.8	1	17	24	200	8/20	400	SOT23-3	C05	2.9x2.4x1.0	DC power			○	○	○
BV-T308Z2CA	8	1	8.5	1	13.4	1	20	18	100	8/20	360	SOT23-3	C08	2.9x2.4x1.0	DC power			○	○	○
BV-T312Z2CA	12	1	13.3	1	20	1	30	11	50	8/20	330	SOT23-3	C12	2.9x2.4x1.0	DC power			○	○	○
BV-T315Z2CA	15	1	16.7	1	25	1	36	9	45	8/20	324	SOT23-3	C15	2.9x2.4x1.0	DC power			○	○	○
BV-T318Z2CA	18	1	20	1	30	1	40	8	45	8/20	320	SOT23-3	C18	2.9x2.4x1.0	DC power			○	○	○
BV-T324Z2CA	24	1	26.7	1	45	1	50	5	40	8/20	250	SOT23-3	C24	2.9x2.4x1.0	DC power			○	○	○
BV-T333Z2CA	33	1	34.6	1	58	1	60	4	30	8/20	240	SOT23-3	C33	2.9x2.4x1.0	DC power			○	○	○
BV-T336Z2CA	36	1	40	1	65	1	75	3	25	8/20	225	SOT23-3	C36	2.9x2.4x1.0	DC power			○	○	○
BV-T303Z2B	3.3	40	4	1	7.5	1	12	20	450	8/20	240	SOT23-3	M03	2.9x2.4x1.0	DC power			○	○	○
BV-T305Z2B	5	10	6	1	9.8	1	18	17	400	8/20	306	SOT23-3	M05	2.9x2.4x1.0	DC power			○	○	○
BV-T312Z2B	12	1	13.3	1	22	1	32	11	130	8/20	352	SOT23-3	M12	2.9x2.4x1.0	DC power			○	○	○
BV-T315Z2B	15	1	16.7	1	24	1	38	10	120	8/20	380	SOT23-3	M15	2.9x2.4x1.0	DC power			○	○	○
BV-T324Z2B	24	1	26.7	1	43	1	52	5.5	80	8/20	286	SOT23-3	M24	2.9x2.4x1.0	DC power			○	○	○
BV-T336Z2B	36	1	40	1	60	1	75	3	60	8/20	225	SOT23-3	M36	2.9x2.4x1.0	DC power			○	○	○
BV-T305U2A	5	0.1	6	1	10	1	15	4	0.4	8/20	60	SOT23-3	52L	2.9x2.4x1.0	eSATA			○	○	○
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-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			○	○	○
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-E305U2A	5	1	6	1	10	1	15	3	0.6	8/20	60	SOT323	52L	2.0x1.2x1.0	eSATA			○	○	○
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-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-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-FA03ZCT	3.3	0.1	3.5	1	7	1	10	6	12	8/20	60	DFN1006-2	3A	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA03ZCE	3.3	0.1	3.5	50	6	1	10	9	10	8/20	90	DFN1006-2	3A	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA4.5ZCA	4.5	1	4.6	1	7	1	15	35	65	8/20	600	DFN1006-2	4G	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA05ZCT	5	1.5	5.3	1	9	1	12.5	6	15	8/20	75	DFN1006-2	5A	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA05ZCK	5	1	5.5	1	7.5	1	11	35	75	8/20	385	DFN1006-2	5G	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA05U2A	5	1	6	1	12	1	/	/	0.7	8/20	20	DFN1006-3	L	1.0x0.6x0.5	Cell phone			○	○	○

产品型号 Part Number	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C @ (V) Max	I_{PP} (A)	最大钳位电压 Clamp Voltage V_C @ (V) Max	I_{PP} (A)	结电容 Capacitance C_O (pF) 0V@1MHZ Max	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	备注 Remarks UL497B	UL1449	New products
BV-FA06ZD	6	1	7.2	1	10	1	15	21	180	8/20	315	DFN1006-2	7Q	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA07ZCA	7	0.1	7.2	1	10	1	15	6	10	8/20	90	DFN1006-2	7A	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA12ZCB	12	0.1	13	1	16	1	20	6	5	8/20	120	DFN1006-2	cD	1.0x0.6x0.5	pc			○	○	○
BV-FA15ZCB	15	0.1	15.5	1	20	1	25	6	5	8/20	140	DFN1006-2	fD	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA18ZCB	18	1	19.5	1	27	1	47	4	22	8/20	180	DFN1006-2	DF	1.0x0.6x0.5	Cell phone			○	○	○
BV-FA24ZCB	24	1	26.7	1	/	/	50	3	18	8/20	200	DFN1006-2	Z24C	1.0x0.6x0.5	DC power			○	○	○
BV-D503ZA	3.3	1	4	1	/	/	14	7.5	105	8/20	105	SOD523	ZE∞	1.2x0.8x0.6	VGA			○	○	○
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			○	○	○
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-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-FE03U2D	3.3	1	4.5	1	/	/	18	4	0.35	8/20	100	DFN1610-6L	GA	1.6x1.0x0.5	10G Ethernet			○	○	○
BV-FK03U4CB	3.3	1	4	1	/	/	10	5	0.65	8/20	50	DFN-2510-10L	T6XXXX	2.5x1.0x0.5	HDMI			○	○	○
BV-FK05U4CB	5	1	6	1	/	/	10	5	0.65	8/20	50	DFN-2510-10L	T4XXXX	2.5x1.0x0.5	HDMI			○	○	○
BV-T603U4CA	3.3	1	4.5	1	8.5	1	15	4	0.8	8/20	60	SOT23-6	Bc03	2.9x2.4x1.0	Video			○	○	○
BV-T605U4CE	5	1	7	1	/	/	12	6	1.6	8/20	72	SOT23-6	1208 5U	2.9x2.4x1.0	Video			○	○	○
BV-T605U4CF	5	1	6	1	/	/	15	4	0.7	8/20	60	SOT23-6	0544	2.9x2.4x1.0	Video			○	○	○
BV-FE12ZA	12	1	13	1	/	/	24	60	1500	8/20	1400	DFN1610-2L	Z12A	1.6x1.0x0.5	DC power			○	○	○
BV-FE15ZA	15	1	15.5	1	/	/	35	50	450	8/20	1400	DFN1610-2L	Z15A	1.6x1.0x0.5	DC power			○	○	○
BV-SM712 PIN3to1,2 PIN1,2to3	7 12	10 2	7.5 13.3	1 1	/ /	/ /	17 12	22 26	55 55	8/20	450	SOT23	M72	2.9x2.4x1.0	RS485			○	○	○
BV03CWQ	3	0.5	3.5	1	5.8	1	15	10	1.5	8/20	150	SOD-323	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-FK05U4CAQ	5	0.5	6	1	/	/	15	3	0.6	8/20	45	DFN-2510-10L	0524P	2.5x1.0x0.5	HDMI			○	○	○
BV-D505ZCQ	5	1	5.6	1	11.6	5	19	8	15	8/20	150	SOD523	5C∞	1.2x0.8x0.6	Audio			○	○	○

产品型号 Part Number	不动作电压 Off state Voltage V_{DRM} (V)	I_{DRM} 25℃(μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	最大钳位电压 Clamp Voltage V_C (V) Max @	I_{PP} (A)	结电容 Capacitance C_O (pF) 0V@1MHZ Max	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	备注 Remarks UL497B	UL1449	New products
BV-FA05ZCQ	5	1	6	1	11	1	15	4.5	15	8/20	75	DFN1006-2	PB	1.0x0.6x0.5	Cell phone			○	○	○
BV-D303ZCBQ	3.3	40	4	1	9	1	15	20	450	8/20	300	SOD-323	2A	1.6x1.3x1.2	DC power			○	○	○
BV-D305ZCBQ	5	10	6	1	9.8	1	18	17	200	8/20	306	SOD-323	2B	1.6x1.3x1.2	DC power			○	○	○
BV-D312ZCBQ	12	1	13.3	1	20	1	32	11	75	8/20	352	SOD-323	2D	1.6x1.3x1.2	DC power			○	○	○
BV-D315ZCBQ	15	1	16.7	1	25	1	36	9	68	8/20	324	SOD-323	2J	1.6x1.3x1.2	DC power			○	○	○
BV-D324ZCBQ	24	1	26.7	1	45	1	50	5.5	50	8/20	275	SOD-323	2H	1.6x1.3x1.2	DC power			○	○	○
BV-D336ZCBQ	36	1	40	1	65	1	75	3	35	8/20	225	SOD-323	2N	1.6x1.3x1.2	DC power			○	○	○
BV-T305Z2CBQ	5	10	6	1	9.8	1	18	17	200	8/20	306	SOT23-3	C05	2.9x2.4x1.0	DC power			○	○	○
BV-T312Z2CBQ	12	1	13.3	1	19	1	32	11	75	8/20	352	SOT23-3	C12	2.9x2.4x1.0	DC power			○	○	○
BV-T315Z2CBQ	15	1	16.7	1	24	1	38	10	68	8/20	380	SOT23-3	C15	2.9x2.4x1.0	DC power			○	○	○
BV-T324Z2CBQ	24	1	26.7	1	45	1	52	5.5	50	8/20	286	SOT23-3	C24	2.9x2.4x1.0	DC power			○	○	○
BV-T336Z2CBQ	36	1	40	1	60	1	75	3	35	8/20	225	SOT23-3	C36	2.9x2.4x1.0	DC power			○	○	○
BV-T303Z2CBQ	3.3	40	4	1	9	1	15	20	450	8/20	300	SOT23-3	C03	2.9x2.4x1.0	DC power			○	○	○
BV-FA05ZCTQ	5	1	6	1	11	1	13	4.5	18	8/20	60	DFN1006-2	PB	1.0x0.6x0.5	Cell phone			○	○	○
BVF-D505ZAQ	5	1	6	1	11	5	13	12	30	8/20	144	SOD523	FZB	1.6x0.8x0.6	DC power			○	○	○

产品型号 Part Number	断态电压 Off state Voltage VDRM (V)	ID (μA) Max	触发转折电压 Switching Trigger VS (V) Max	Waveform	门极反向漏电流 Gate reverse current VGK (V)	IGAS (μA) Max	正向通态电压 forward voltage VF (V) Max	IF (A)	门极触发电压 Gate trigger Voltage VGT (V) Max	Gate trigger current IGT (mA) Max	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	尺寸 Size L*W*H (mm)	印字 Mark	应用 Application	电路符号 Circuit	产品外观 Outline	备注 Remarks UL497B	UL1449	New products
BS61089B-8	-170	5	-112	2/10μs	-167	5	3	5	2.5	5	100	10/700	1.6	SOP8	4.9x6.0x1.7	B61089B	SLIC			○	○	●
BS61089D-8	-170	5	-64	10/700μs	-167	5	3	5	2.5	5	100	10/700	1.6	SOP8	4.9x6.0x1.7	B61089D	SLIC			○	○	●

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	体系认证 Remarks UL497B	UL1449	New products
BW-D1D5V1T1G-2	350	5.1	2%	5	60	480	1	2	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D5V6T1G-2	350	5.6	2%	5	40	400	1	1	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V2T1G-2	350	6.2	2%	5	10	150	1	3	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V8T1G-2	350	6.8	2%	5	15	80	1	2	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D7V5T1G-2	350	7.5	2%	5	15	80	1	1	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D8V2T1G-2	350	8.2	2%	5	15	80	1	0.7	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D9V1T1G-2	350	9.1	2%	5	15	100	1	0.5	6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D10VT1G-2	350	10	2%	5	20	150	1	0.2	7	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D11VT1G-2	350	11	2%	5	20	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D12VT1G-2	350	12	2%	5	25	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D13VT1G-2	350	13	2%	5	30	170	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D15VT1G-2	350	15	2%	5	30	200	1	0.1	10.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D16VT1G-2	350	16	2%	5	40	200	1	0.1	11.2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D18VT1G-2	350	18	2%	5	45	225	1	0.1	12.6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D20VT1G-2	350	20	2%	5	55	225	1	0.1	14	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D2V4T1G-5	350	2.4	5%	20	30	1200	0.25	100	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D2V7T1G-5	350	2.7	5%	20	30	1300	0.25	75	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V0T1G-5	350	3	5%	20	30	1600	0.25	50	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V3T1G-5	350	3.3	5%	20	28	1600	0.25	25	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V6T1G-5	350	3.6	5%	20	24	1700	0.25	15	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V9T1G-5	350	3.9	5%	20	23	1900	0.25	10	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D4V3T1G-5	350	4.3	5%	20	22	2000	0.25	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D4V7T1G-5	350	4.7	5%	20	19	1900	0.25	5	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D5V1T1G-5	350	5.1	5%	20	17	1600	0.25	5	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D5V6T1G-5	350	5.6	5%	20	11	1600	0.25	5	3	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V0T1G-5	350	6	5%	20	7	1600	0.25	5	3.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V2T1G-5	350	6.2	5%	20	7	1000	0.25	5	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V8T1G-5	350	6.8	5%	20	5	750	0.25	3	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D7V5T1G-5	350	7.5	5%	20	6	500	0.25	3	6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D8V2T1G-5	350	8.2	5%	20	8	500	0.25	3	6.5	SOD-123	3.6x1.55x1.2	DC power			◌	◌	◌
BW-D1D8V7T1G-5	350	8.7	5%	20	8	600	0.25	3	6.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D9V1T1G-5	350	9.1	5%	20	10	600	0.25	3	7	SOD-123	3.6x1.55x1.2	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	体系认证 Remarks UL497B	UL1449	New products
BW-D1D10VT1G-5	350	10	5%	20	17	600	0.25	3	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D11VT1G-5	350	11	5%	20	22	600	0.25	2	8.4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D12VT1G-5	350	12	5%	20	30	600	0.25	1	9.1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D13VT1G-5	350	13	5%	9.5	13	600	0.25	0.5	9.9	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D14VT1G-5	350	14	5%	9	15	600	0.25	0.1	10	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D15VT1G-5	350	15	5%	8.5	16	600	0.25	0.1	11	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D16VT1G-5	350	16	5%	7.8	17	600	0.25	0.1	12	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D18VT1G-5	350	18	5%	7	21	600	0.25	0.1	14	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D20VT1G-5	350	20	5%	6.2	25	600	0.25	0.1	15	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D22VT1G-5	350	22	5%	5.6	29	600	0.25	0.1	17	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D24VT1G-5	350	24	5%	5.2	33	600	0.25	0.1	18	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D25VT1G-5	350	25	5%	5	35	600	0.25	0.1	19	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D27VT1G-5	350	27	5%	5	41	600	0.25	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D28VT1G-5	350	28	5%	4.5	44	600	0.25	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D30VT1G-5	350	30	5%	4.2	49	600	0.25	0.1	23	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D33VT1G-5	350	33	5%	3.8	58	700	0.25	0.1	25	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D36VT1G-5	350	36	5%	3.4	70	700	0.25	0.1	27	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D39VT1G-5	350	39	5%	3.2	80	800	0.25	0.1	30	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D2V4T1G-6	350	2.4	6%	5	100	600	1	50	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D2V7T1G-6	350	2.7	6%	5	100	600	1	20	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V0T1G-6	350	3	6%	5	95	600	1	10	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V3T1G-6	350	3.3	6%	5	95	600	1	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V6T1G-6	350	3.6	6%	5	90	600	1	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D3V9T1G-6	350	3.9	6%	5	90	600	1	3	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D4V3T1G-6	350	4.3	6%	5	90	600	1	3	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D4V7T1G-6	350	4.7	6%	5	80	500	1	3	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D5V1T1G-6	350	5.1	6%	5	60	480	1	2	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D5V6T1G-6	350	5.6	6%	5	40	400	1	1	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V2T1G-6	350	6.2	6%	5	10	150	1	3	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D6V8T1G-6	350	6.8	6%	5	15	80	1	2	4	SOD-123	3.6x1.55x1.2	DC power			◌	◌	◌
BW-D1D7V5T1G-6	350	7.5	6%	5	15	80	1	1	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D8V2T1G-6	350	8.2	6%	5	15	80	1	0.7	5	SOD-123	3.6x1.55x1.2	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	体系认证 Remarks UL497B	UL1449	New products
BW-D1G7V5T1G-5	500	7.5	5%	20	6	500	0.25	3	6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G8V2T1G-5	500	8.2	5%	20	8	500	0.25	3	6.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G8V7T1G-5	500	8.7	5%	20	8	600	0.25	3	6.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G9V1T1G-5	500	9.1	5%	20	10	600	0.25	3	7	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G10VT1G-5	500	10	5%	20	17	600	0.25	3	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G11VT1G-5	500	11	5%	20	22	600	0.25	2	8.4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G12VT1G-5	500	12	5%	20	30	600	0.25	1	9.1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G13VT1G-5	500	13	5%	9.5	13	600	0.25	0.5	9.9	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G14VT1G-5	500	14	5%	9	15	600	0.25	0.1	10	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G15VT1G-5	500	15	5%	8.5	16	600	0.25	0.1	11	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G16VT1G-5	500	16	5%	7.8	17	600	0.25	0.1	12	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G17VT1G-5	500	17	5%	7.4	19	600	0.25	0.1	13	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G18VT1G-5	500	18	5%	7	21	600	0.25	0.1	14	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G20VT1G-5	500	20	5%	6.2	25	600	0.25	0.1	15	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G22VT1G-5	500	22	5%	5.6	29	600	0.25	0.1	17	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G24VT1G-5	500	24	5%	5.2	33	600	0.25	0.1	18	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G25VT1G-5	500	25	5%	5	35	600	0.25	0.1	19	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G27VT1G-5	500	27	5%	5	41	600	0.25	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G28VT1G-5	500	28	5%	4.5	44	600	0.25	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G30VT1G-5	500	30	5%	4.2	49	600	0.25	0.1	23	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G33VT1G-5	500	33	5%	3.8	58	700	0.25	0.1	25	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G36VT1G-5	500	36	5%	3.4	70	700	0.25	0.1	27	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G39VT1G-5	500	39	5%	3.2	80	800	0.25	0.1	30	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G43VT1G-5	500	43	5%	3	93	900	0.25	0.1	33	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G47VT1G-5	500	47	5%	2.7	105	1000	0.25	0.1	36	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G51VT1G-5	500	51	5%	2.5	125	1100	0.25	0.1	39	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G56VT1G-5	500	56	5%	2.2	150	1300	0.25	0.1	43	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G60VT1G-5	500	60	5%	2.1	170	1400	0.25	0.1	46	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G62VT1G-5	500	62	5%	2	185	1400	0.25	0.1	47	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G68VT1G-5	500	68	5%	1.8	230	1600	0.25	0.1	52	SOD-123	3.6x1.55x1.2	DC power			◌	◌	◌
BW-D1G75VT1G-5	500	75	5%	1.7	270	1700	0.25	0.1	56	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V0T1G-6	500	2	6%	5	150	600	1	100	1	SOD-123	3.6x1.55x1.2	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	体系认证 Remarks UL497B	UL1449	New products
BW-D1D9V1T1G-6	350	9.1	6%	5	15	100	1	0.5	6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D10VT1G-6	350	10	6%	5	20	150	1	0.2	7	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D11VT1G-6	350	11	6%	5	20	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D12VT1G-6	350	12	6%	5	25	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D13VT1G-6	350	13	6%	5	30	170	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D15VT1G-6	350	15	6%	5	30	200	1	0.1	10.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D16VT1G-6	350	16	6%	5	40	200	1	0.1	11.2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D18VT1G-6	350	18	6%	5	45	225	1	0.1	12.6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D20VT1G-6	350	20	6%	5	55	225	1	0.1	14	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D22VT1G-6	350	22	6%	5	55	250	1	0.1	15.4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D24VT1G-6	350	24	6%	5	70	250	1	0.1	16.8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D27VT1G-6	350	27	6%	2	80	300	0.5	0.1	18.9	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D30VT1G-6	350	30	6%	2	80	300	0.5	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D33VT1G-6	350	33	6%	2	80	325	0.5	0.1	23.1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D36VT1G-6	350	36	6%	2	90	350	0.5	0.1	25.2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D39VT1G-6	350	39	6%	2	130	350	0.5	0.1	27.3	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1D43VT1G-6	350	43	6%	2	100	700	1	0.1	32	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V4T1G-5	500	2.4	5%	20	30	1200	0.25	100	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V5T1G-5	500	2.5	5%	20	30	1250	0.25	100	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V7T1G-5	500	2.7	5%	20	30	1300	0.25	75	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V8T1G-5	500	2.8	5%	20	30	1400	0.25	75	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V0T1G-5	500	3	5%	20	30	1600	0.25	50	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V3T1G-5	500	3.3	5%	20	28	1600	0.25	25	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V6T1G-5	500	3.6	5%	20	24	1700	0.25	15	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V9T1G-5	500	3.9	5%	20	23	1900	0.25	10	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G4V3T1G-5	500	4.3	5%	20	22	2000	0.25	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G4V7T1G-5	500	4.7	5%	20	19	1900	0.25	5	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G5V1T1G-5	500	5.1	5%	20	17	1600	0.25	5	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G5V6T1G-5	500	5.6	5%	20	11	1600	0.25	5	3	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G6V0T1G-5	500	6	5%	20	7	1600	0.25	5	3.5	SOD-123	3.6x1.55x1.2	DC power			◌	◌	◌
BW-D1G6V2T1G-5	500	6.2	5%	20	7	1000	0.25	5	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G6V8T1G-5	500	6.8	5%	20	5	750	0.25	3	5	SOD-123	3.6x1.55x1.2	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	体系认证 Remarks UL497B	UL1449	New products
BW-D1G2V4T1G-6	500	2.4	6%	5	100	600	1	50	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G2V7T1G-6	500	2.7	6%	5	100	600	1	20	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V0T1G-6	500	3	6%	5	95	600	1	10	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V3T1G-6	500	3.3	6%	5	95	600	1	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V6T1G-6	500	3.6	6%	5	90	600	1	5	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G3V9T1G-6	500	3.9	6%	5	90	600	1	3	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G4V3T1G-6	500	4.3	6%	5	90	600	1	3	1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G4V7T1G-6	500	4.7	6%	5	80	500	1	3	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G5V1T1G-6	500	5.1	6%	5	60	480	1	2	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G5V6T1G-6	500	5.6	6%	5	40	400	1	1	2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G6V2T1G-6	500	6.2	6%	5	10	150	1	3	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G6V8T1G-6	500	6.8	6%	5	15	80	1	2	4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G7V5T1G-6	500	7.5	6%	5	15	80	1	1	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G8V2T1G-6	500	8.2	6%	5	15	80	1	0.7	5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G9V1T1G-6	500	9.1	6%	5	15	100	1	0.5	6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G10VT1G-6	500	10	6%	5	20	150	1	0.2	7	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G11VT1G-6	500	11	6%	5	20	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G12VT1G-6	500	12	6%	5	25	150	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G13VT1G-6	500	13	6%	5	30	170	1	0.1	8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G15VT1G-6	500	15	6%	5	30	200	1	0.1	10.5	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G16VT1G-6	500	16	6%	5	40	200	1	0.1	11.2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G18VT1G-6	500	18	6%	5	45	225	1	0.1	12.6	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G20VT1G-6	500	20	6%	5	55	225	1	0.1	14	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G22VT1G-6	500	22	6%	5	55	250	1	0.1	15.4	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G24VT1G-6	500	24	6%	5	70	250	1	0.1	16.8	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G27VT1G-6	500	27	6%	2	80	300	0.5	0.1	18.9	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G30VT1G-6	500	30	6%	2	80	300	0.5	0.1	21	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G33VT1G-6	500	33	6%	2	80	325	0.5	0.1	23.1	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G36VT1G-6	500	36	6%	2	90	350	0.5	0.1	25.2	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G39VT1G-6	500	39	6%	2	130	350	0.5	0.1	27.3	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G43VT1G-6	500	43	6%	2	100	700	1	0.1	32	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G47VT1G-6	500	47	6%	2	100	750	1	0.1	35	SOD-123	3.6x1.55x1.2	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	体系认证 Remarks UL497B	UL1449	New products
BW-D1G51VT1G-6	500	51	6%	2	125	750	1	0.1	38	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G56VT1G-6	500	56	6%	2	135	700	1	0.1	39	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G62VT1G-6	500	62	6%	2	200	1000	1	0.2	47	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G68VT1G-6	500	68	6%	2	250	1000	1	0.2	52	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D1G75VT1G-6	500	75	6%	2	300	1000	1	0.2	57	SOD-123	3.6x1.55x1.2	DC power			○	○	○
BW-D3A5V1T1G-2	200	5.1	2%	5	60	480	1	2	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A5V6T1G-2	200	5.6	2%	5	40	400	1	1	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V2T1G-2	200	6.2	2%	5	10	150	1	3	4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V8T1G-2	200	6.8	2%	5	15	80	1	2	4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A7V5T1G-2	200	7.5	2%	5	15	80	1	1	5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A8V2T1G-2	200	8.2	2%	5	15	80	1	0.7	5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A9V1T1G-2	200	9.1	2%	5	15	100	1	0.5	6	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A10VT1G-2	200	10	2%	5	20	150	1	0.2	7	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A11VT1G-2	200	11	2%	5	20	150	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A12VT1G-2	200	12	2%	5	25	150	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A13VT1G-2	200	13	2%	5	30	170	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A15VT1G-2	200	15	2%	5	30	200	1	0.1	10.5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A16VT1G-2	200	16	2%	5	40	200	1	0.1	11.2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A18VT1G-2	200	18	2%	5	45	225	1	0.1	12.6	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A20VT1G-2	200	20	2%	5	55	225	1	0.1	14	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A2V4T1G-5	200	2.4	5%	20	30	1200	0.25	100	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A2V7T1G-5	200	2.7	5%	20	30	1300	0.25	75	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V0T1G-5	200	3	5%	20	30	1600	0.25	50	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V3T1G-5	200	3.3	5%	20	28	1600	0.25	25	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V6T1G-5	200	3.6	5%	20	24	1700	0.25	15	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V9T1G-5	200	3.9	5%	20	23	1900	0.25	10	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A4V3T1G-5	200	4.3	5%	20	22	2000	0.25	5	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A4V7T1G-5	200	4.7	5%	20	19	1900	0.25	5	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A5V1T1G-5	200	5.1	5%	20	17	1600	0.25	5	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A5V6T1G-5	200	5.6	5%	20	11	1600	0.25	5	3	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V0T1G-5	200	6	5%	20	7	1600	0.25	5	3.5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V2T1G-5	200	6.2	5%	20	7	1000	0.25	5	4	SOD-323	2.5x1.28x1.0	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	体系认证 Remarks UL497B	UL1449	New products
BW-D3A6V8T1G-5	200	6.8	5%	20	5	750	0.25	3	5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A7V5T1G-5	200	7.5	5%	20	6	500	0.25	3	6	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A8V2T1G-5	200	8.2	5%	20	8	500	0.25	3	6.5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A8V7T1G-5	200	8.7	5%	20	8	600	0.25	3	6.5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A9V1T1G-5	200	9.1	5%	20	10	600	0.25	3	7	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A10VT1G-5	200	10	5%	20	17	600	0.25	3	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A11VT1G-5	200	11	5%	20	22	600	0.25	2	8.4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A12VT1G-5	200	12	5%	20	30	600	0.25	1	9.1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A13VT1G-5	200	13	5%	9.5	13	600	0.25	0.5	9.9	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A14VT1G-5	200	14	5%	9	15	600	0.25	0.1	10	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A15VT1G-5	200	15	5%	8.5	16	600	0.25	0.1	11	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A16VT1G-5	200	16	5%	7.8	17	600	0.25	0.1	12	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A18VT1G-5	200	18	5%	7	21	600	0.25	0.1	14	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A20VT1G-5	200	20	5%	6.2	25	600	0.25	0.1	15	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A22VT1G-5	200	22	5%	5.6	29	600	0.25	0.1	17	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A24VT1G-5	200	24	5%	5.2	33	600	0.25	0.1	18	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A25VT1G-5	200	25	5%	5	35	600	0.25	0.1	19	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A27VT1G-5	200	27	5%	5	41	600	0.25	0.1	21	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A28VT1G-5	200	28	5%	4.5	44	600	0.25	0.1	21	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A30VT1G-5	200	30	5%	4.2	49	600	0.25	0.1	23	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A33VT1G-5	200	33	5%	3.8	58	700	0.25	0.1	25	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A36VT1G-5	200	36	5%	3.4	70	700	0.25	0.1	27	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A39VT1G-5	200	39	5%	3.2	80	800	0.25	0.1	30	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A2V4T1G-6	200	2.4	6%	5	100	600	1	50	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A2V7T1G-6	200	2.7	6%	5	100	600	1	20	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V0T1G-6	200	3	6%	5	95	600	1	10	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V3T1G-6	200	3.3	6%	5	95	600	1	5	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V6T1G-6	200	3.6	6%	5	90	600	1	5	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A3V9T1G-6	200	3.9	6%	5	90	600	1	3	1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A4V3T1G-6	200	4.3	6%	5	90	600	1	3	1	SOD-323	2.5x1.28x1.0	DC power			◌	◌	◌
BW-D3A4V7T1G-6	200	4.7	6%	5	80	500	1	3	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A5V1T1G-6	200	5.1	6%	5	60	480	1	2	2	SOD-323	2.5x1.28x1.0	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	体系认证 Remarks UL497B	UL1449	New products
BW-D3A5V6T1G-6	200	5.6	6%	5	40	400	1	1	2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V2T1G-6	200	6.2	6%	5	10	150	1	3	4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A6V8T1G-6	200	6.8	6%	5	15	80	1	2	4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A7V5T1G-6	200	7.5	6%	5	15	80	1	1	5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A8V2T1G-6	200	8.2	6%	5	15	80	1	0.7	5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A9V1T1G-6	200	9.1	6%	5	15	100	1	0.5	6	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A10VT1G-6	200	10	6%	5	20	150	1	0.2	7	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A11VT1G-6	200	11	6%	5	20	150	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A12VT1G-6	200	12	6%	5	25	150	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A13VT1G-6	200	13	6%	5	30	170	1	0.1	8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A15VT1G-6	200	15	6%	5	30	200	1	0.1	10.5	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A16VT1G-6	200	16	6%	5	40	200	1	0.1	11.2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A18VT1G-6	200	18	6%	5	45	225	1	0.1	12.6	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A20VT1G-6	200	20	6%	5	55	225	1	0.1	14	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A22VT1G-6	200	22	6%	5	55	250	1	0.1	15.4	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A24VT1G-6	200	24	6%	5	70	250	1	0.1	16.8	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A27VT1G-6	200	27	6%	2	80	300	0.5	0.1	18.9	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A30VT1G-6	200	30	6%	2	80	300	0.5	0.1	21	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A33VT1G-6	200	33	6%	2	80	325	0.5	0.1	23.1	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A36VT1G-6	200	36	6%	2	90	350	0.5	0.1	25.2	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A39VT1G-6	200	39	6%	2	130	350	0.5	0.1	27.3	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-D3A43VT1G-6	200	43	6%	2	100	700	1	0.1	32	SOD-323	2.5x1.28x1.0	DC power			○	○	○
BW-TAC5V1T1G-2	300	5.1	2%	5	60	480	1	2	2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC5V6T1G-2	300	5.6	2%	5	40	400	1	1	2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC6V2T1G-2	300	6.2	2%	5	10	150	1	3	4	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC6V8T1G-2	300	6.8	2%	5	15	80	1	2	4	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC7V5T1G-2	300	7.5	2%	5	15	80	1	1	5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC8V2T1G-2	300	8.2	2%	5	15	80	1	0.7	5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC9V1T1G-2	300	9.1	2%	5	15	100	1	0.5	6	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC10VT1G-2	300	10	2%	5	20	150	1	0.2	7	SOT-23	2.9x2.4x1.1	DC power			◌	◌	◌
BW-TAC11VT1G-2	300	11	2%	5	20	150	1	0.1	8	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC12VT1G-2	300	12	2%	5	25	150	1	0.1	8	SOT-23	2.9x2.4x1.1	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	体系认证 Remarks UL497B	UL1449	New products
BW-TAC13VT1G-2	300	13	2%	5	30	170	1	0.1	8	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC15VT1G-2	300	15	2%	5	30	200	1	0.1	10.5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC16VT1G-2	300	16	2%	5	40	200	1	0.1	11.2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC18VT1G-2	300	18	2%	5	45	225	1	0.1	12.6	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC20VT1G-2	300	20	2%	5	55	225	1	0.1	14	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC2V4T1G-6	300	2.4	6%	5	100	600	1	50	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC2V7T1G-6	300	2.7	6%	5	100	600	1	20	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC3V0T1G-6	300	3	6%	5	95	600	1	10	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC3V3T1G-6	300	3.3	6%	5	95	600	1	5	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC3V6T1G-6	300	3.6	6%	5	90	600	1	5	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC3V9T1G-6	300	3.9	6%	5	90	600	1	3	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC4V3T1G-6	300	4.3	6%	5	90	600	1	3	1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC4V7T1G-6	300	4.7	6%	5	80	500	1	3	2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC5V1T1G-6	300	5.1	6%	5	60	480	1	2	2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC5V6T1G-6	300	5.6	6%	5	40	400	1	1	2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC6V2T1G-6	300	6.2	6%	5	10	150	1	3	4	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC6V8T1G-6	300	6.8	6%	5	15	80	1	2	4	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC7V5T1G-6	300	7.5	6%	5	15	80	1	1	5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC8V2T1G-6	300	8.2	6%	5	15	80	1	0.7	5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC9V1T1G-6	300	9.1	6%	5	15	100	1	0.5	6	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC10VT1G-6	300	10	6%	5	20	150	1	0.2	7	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC11VT1G-6	300	11	6%	5	20	150	1	0.1	8	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC12VT1G-6	300	12	6%	5	25	150	1	0.1	8	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC13VT1G-6	300	13	6%	5	30	170	1	0.1	8	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC15VT1G-6	300	15	6%	5	30	200	1	0.1	10.5	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC16VT1G-6	300	16	6%	5	40	200	1	0.1	11.2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC18VT1G-6	300	18	6%	5	45	225	1	0.1	12.6	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC20VT1G-6	300	20	6%	5	55	225	1	0.1	14	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC22VT1G-6	300	22	6%	5	55	250	1	0.1	15.4	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC24VT1G-6	300	24	6%	5	70	250	1	0.1	16.8	SOT-23	2.9x2.4x1.1	DC power			◌	◌	◌
BW-TAC27VT1G-6	300	27	6%	2	80	300	0.5	0.1	18.9	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC30VT1G-6	300	30	6%	2	80	300	0.5	0.1	21	SOT-23	2.9x2.4x1.1	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	体系认证 Remarks UL497B	UL1449	New products
BW-TAC33VT1G-6	300	33	6%	2	80	325	0.5	0.1	23.1	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC36VT1G-6	300	36	6%	2	90	350	0.5	0.1	25.2	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC39VT1G-6	300	39	6%	2	130	350	0.5	0.1	27.3	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-TAC43VT1G-6	300	43	6%	2	100	700	1	0.1	32	SOT-23	2.9x2.4x1.1	DC power			○	○	○
BW-D5Z5V1T1G-2	150	5.1	2%	5	60	480	1	2	2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z5V6T1G-2	150	5.6	2%	5	40	400	1	1	2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z6V2T1G-2	150	6.2	2%	5	10	150	1	3	4	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z6V8T1G-2	150	6.8	2%	5	15	80	1	2	4	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z7V5T1G-2	150	7.5	2%	5	15	80	1	1	5	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z8V2T1G-2	150	8.2	2%	5	15	80	1	0.7	5	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z9V1T1G-2	150	9.1	2%	5	15	100	1	0.5	6	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z10VT1G-2	150	10	2%	5	20	150	1	0.2	7	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z11VT1G-2	150	11	2%	5	20	150	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z12VT1G-2	150	12	2%	5	25	150	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z13VT1G-2	150	13	2%	5	30	170	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z15VT1G-2	150	15	2%	5	30	200	1	0.1	10.5	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z16VT1G-2	150	16	2%	5	40	200	1	0.1	11.2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z18VT1G-2	150	18	2%	5	45	225	1	0.1	12.6	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z20VT1G-2	150	20	2%	5	55	225	1	0.1	14	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z2V4T1G-6	150	2.4	6%	5	100	600	1	50	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z2V7T1G-6	150	2.7	6%	5	100	600	1	20	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z3V0T1G-6	150	3	6%	5	95	600	1	10	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z3V3T1G-6	150	3.3	6%	5	95	600	1	5	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z3V6T1G-6	150	3.6	6%	5	90	600	1	5	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z3V9T1G-6	150	3.9	6%	5	90	600	1	3	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z4V3T1G-6	150	4.3	6%	5	90	600	1	3	1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z4V7T1G-6	150	4.7	6%	5	80	500	1	3	2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z5V1T1G-6	150	5.1	6%	5	60	480	1	2	2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z5V6T1G-6	150	5.6	6%	5	40	400	1	1	2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z6V2T1G-6	150	6.2	6%	5	10	150	1	3	4	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z6V8T1G-6	150	6.8	6%	5	15	80	1	2	4	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z7V5T1G-6	150	7.5	6%	5	15	80	1	1	5	S0D-523	1.6x0.8x0.6	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	体系认证 Remarks UL497B	UL1449	New products
BW-D5Z8V2T1G-6	150	8.2	6%	5	15	80	1	0.7	5	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z9V1T1G-6	150	9.1	6%	5	15	100	1	0.5	6	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z10VT1G-6	150	10	6%	5	20	150	1	0.2	7	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z11VT1G-6	150	11	6%	5	20	150	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z12VT1G-6	150	12	6%	5	25	150	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z13VT1G-6	150	13	6%	5	30	170	1	0.1	8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z15VT1G-6	150	15	6%	5	30	200	1	0.1	10.5	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z16VT1G-6	150	16	6%	5	40	200	1	0.1	11.2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z18VT1G-6	150	18	6%	5	45	225	1	0.1	12.6	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z20VT1G-6	150	20	6%	5	55	225	1	0.1	14	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z22VT1G-6	150	22	6%	5	55	250	1	0.1	15.4	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z24VT1G-6	150	24	6%	5	70	250	1	0.1	16.8	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z27VT1G-6	150	27	6%	2	80	300	0.5	0.1	18.9	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z30VT1G-6	150	30	6%	2	80	300	0.5	0.1	21	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z33VT1G-6	150	33	6%	2	80	325	0.5	0.1	23.1	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z36VT1G-6	150	36	6%	2	90	350	0.5	0.1	25.2	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z39VT1G-6	150	39	6%	2	130	350	0.5	0.1	27.3	S0D-523	1.6x0.8x0.6	DC power			○	○	○
BW-D5Z43VT1G-6	150	43	6%	2	100	700	1	0.1	32	S0D-523	1.6x0.8x0.6	DC power			○	○	○

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(μA)	结温 T_J(degC)	封装 Package	外观 Outline
SCR		BTS0106U0130	⩾600	1	10-30	125	TO92	
		BTS0106U0160	⩾600	1	30-60	125	TO92	
		BTS0106U0190	⩾600	1	60-90	125	TO92	
		BTS0108U0130	⩾800	1	10-30	125	TO92	
		BTS0108U0160	⩾800	1	30-60	125	TO92	
		BTS0108U0190	⩾800	1	60-90	125	TO92	
		BTS0206W0130	⩾600	2	10-30	125	SOT223	
		BTS0206W0160	⩾600	2	30-60	125	SOT223	
		BTS0206W0190	⩾600	2	60-90	125	SOT223	
		BTS0208W0130	⩾800	2	10-30	125	SOT223	
		BTS0208W0160	⩾800	2	30-60	125	SOT223	
		BTS0208W0190	⩾800	2	60-90	125	SOT223	
		BTS0312W0130	⩾1200	3	10-30	125	SOT223	
		BTS0312W0160	⩾1200	3	30-60	125	SOT223	
		BTS0312W0190	⩾1200	3	60-90	125	SOT223	
		BTS0314W0130	⩾1400	3	10-30	125	SOT223	
		BTS0314W0160	⩾1400	3	30-60	125	SOT223	
		BTS0314W0190	⩾1400	3	60-90	125	SOT223	
		BTS0406K0130	⩾600	4	10-30	125	TO252	
		BTS0406K0160	⩾600	4	30-60	125	TO252	
		BTS0406K0190	⩾600	4	60-90	125	TO252	
		BTS0408K0130	⩾800	4	10-30	125	TO252	
		BTS0408K0160	⩾800	4	30-60	125	TO252	
		BTS0408K0190	⩾800	4	60-90	125	TO252	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	4Q	BTF0106U08	⩾600	1	/	⩽8	125	TO92	
		BTF0106U10	⩾600	1	/	8-10	125	TO92	
		BTF0106U15	⩾600	1	/	10-15	125	TO92	
		BTF0108U08	⩾800	1	/	⩽8	125	TO92	
		BTF0108U10	⩾800	1	/	8-10	125	TO92	
		BTF0108U15	⩾800	1	/	10-15	125	TO92	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	4Q	BTF0106W08	⩾600	1	/	⩽8	125	STO223	
		BTF0106W10	⩾600	1	/	8-10	125	STO223	
		BTF0106W15	⩾600	1	/	10-15	125	STO223	
		BTF0108W08	⩾800	1	/	⩽8	125	STO223	
		BTF0108W10	⩾800	1	/	8-10	125	STO223	
		BTF0108W15	⩾800	1	/	10-15	125	STO223	
		BTF0206Q08	⩾600	2	/	⩽8	125	TO126	
		BTF0206Q10	⩾600	2	/	8-10	125	TO126	
		BTF0206Q15	⩾600	2	/	10-15	125	TO126	
		BTF0208Q08	⩾800	2	/	⩽8	125	TO126	
		BTF0208Q10	⩾800	2	/	8-10	125	TO126	
		BTF0208Q15	⩾800	2	/	10-15	125	TO126	
		BTF0206K08	⩾600	2	/	⩽8	125	TO252	
		BTF0206K10	⩾600	2	/	8-10	125	TO252	
		BTF0206K15	⩾600	2	/	10-15	125	TO252	
		BTF0208K08	⩾800	2	/	⩽8	125	TO252	
		BTF0208K10	⩾800	2	/	8-10	125	TO252	
		BTF0208K15	⩾800	2	/	10-15	125	TO252	
		BTF0406C08	⩾600	4	/	⩽8	125	TO220C	
		BTF0406C10	⩾600	4	/	8-10	125	TO220C	
		BTF0406C15	⩾600	4	/	10-15	125	TO220C	
		BTF0408C08	⩾800	4	/	⩽8	125	TO220C	
		BTF0408C10	⩾800	4	/	8-10	125	TO220C	
		BTF0408C15	⩾800	4	/	10-15	125	TO220C	
		BTF0406K08	⩾600	4	/	⩽8	125	TO252	
		BTF0406K10	⩾600	4	/	8-10	125	TO252	
		BTF0406K15	⩾600	4	/	10-15	125	TO252	
		BTF0408K08	⩾800	4	/	⩽8	125	TO252	
		BTF0408K10	⩾800	4	/	8-10	125	TO252	
		BTF0408K15	⩾800	4	/	10-15	125	TO252	
		BTF0806C08	⩾600	8	/	⩽8	125	TO220C	
		BTF0806C10	⩾600	8	/	8-10	125	TO220C	
		BTF0806C15	⩾600	8	/	10-15	125	TO220C	
		BTF0808C08	⩾800	8	/	⩽8	125	TO220C	
		BTF0808C10	⩾800	8	/	8-10	125	TO220C	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	4Q	BTF0808C15	≥800	8	/	10-15	125	TO220C	
		BTF0806K08	≥600	8	/	≤8	125	TO252	
		BTF0806K10	≥600	8	/	8-10	125	TO252	
		BTF0806K15	≥600	8	/	10-15	125	TO252	
		BTF0808K08	≥800	8	/	≤8	125	TO252	
		BTF0808K10	≥800	8	/	8-10	125	TO252	
		BTF0808K15	≥800	8	/	10-15	125	TO252	
		BTF1208C15	≥800	12	/	≤15	125	TO220C	
		BTF1208C30	≥800	12	/	≤30	125	TO220C	
		BTF1208C60	≥800	12	/	≤60	125	TO220C	
		BTF1208B15	≥800	12	/	≤15	125	TO220B	
		BTF1208B30	≥800	12	/	≤30	125	TO220B	
		BTF1208B60	≥800	12	/	≤60	125	TO220B	
		BTF1608C15	≥800	16	/	≤15	125	TO220C	
		BTF1608C30	≥800	16	/	≤30	125	TO220C	
		BTF1608C60	≥800	16	/	≤60	125	TO220C	
		BTF1608B15	≥800	16	/	≤15	125	TO220B	
		BTF1608B30	≥800	16	/	≤30	125	TO220B	
		BTF1608B60	≥800	16	/	≤60	125	TO220B	
Triac	3Q	BTT0408A10	≥800	4	5-10	/	125	TO220A	
		BTT0408A15	≥800	4	10-15	/	125	TO220A	
		BTT0408A25	≥800	4	15-25	/	125	TO220A	
		BTT0408B10	≥800	4	5-10	/	125	TO220B	
		BTT0408B15	≥800	4	10-15	/	125	TO220B	
		BTT0408B25	≥800	4	15-25	/	125	TO220B	
		BTT0408C10	≥800	4	5-10	/	125	TO220C	
		BTT0408C15	≥800	4	10-15	/	125	TO220C	
		BTT0408C25	≥800	4	15-25	/	125	TO220C	
		BTT0408F10	≥800	4	5-10	/	125	TO220F	
		BTT0408F15	≥800	4	10-15	/	125	TO220F	
		BTT0408F25	≥800	4	15-25	/	125	TO220F	
		BTT0408K10	≥800	4	5-10	/	125	TO252	
		BTT0408K15	≥800	4	10-15	/	125	TO252	
		BTT0408K25	≥800	4	15-25	/	125	TO252	
		BTT0808A10	≥800	12	5-10	/	125	TO220A	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	3Q	BTT0808A15	≥800	12	10-15	/	125	TO220A	
		BTT0808A25	≥800	12	15-25	/	125	TO220A	
		BTT0808B10	≥800	12	5-10	/	125	TO220B	
		BTT0808B15	≥800	12	10-15	/	125	TO220B	
		BTT0808B25	≥800	12	15-25	/	125	TO220B	
		BTT0808C10	≥800	12	5-10	/	125	TO220C	
		BTT0808C15	≥800	12	10-15	/	125	TO220C	
		BTT0808C25	≥800	12	15-25	/	125	TO220C	
		BTT0808F10	≥800	12	5-10	/	125	TO220F	
		BTT0808F15	≥800	12	10-15	/	125	TO220F	
		BTT0808F25	≥800	12	15-25	/	125	TO220F	
		BTT0808K10	≥800	12	5-10	/	125	TO252	
		BTT0808K15	≥800	12	10-15	/	125	TO252	
		BTT0808K25	≥800	12	15-25	/	125	TO252	
		BTT1008A10	≥800	10	5-10	/	125	TO220A	
		BTT1008A15	≥800	10	10-15	/	125	TO220A	
		BTT1008A25	≥800	10	15-25	/	125	TO220A	
		BTT1008B10	≥800	10	5-10	/	125	TO220B	
		BTT1008B15	≥800	10	10-15	/	125	TO220B	
		BTT1008B25	≥800	10	15-25	/	125	TO220B	
		BTT1008C10	≥800	10	5-10	/	125	TO220C	
		BTT1008C15	≥800	10	10-15	/	125	TO220C	
		BTT1008C25	≥800	10	15-25	/	125	TO220C	
		BTT1008F10	≥800	10	5-10	/	125	TO220F	
		BTT1008F15	≥800	10	10-15	/	125	TO220F	
		BTT1008F25	≥800	10	15-25	/	125	TO220F	
		BTT1008K10	≥800	10	5-10	/	125	TO252	
		BTT1008K15	≥800	10	10-15	/	125	TO252	
		BTT1008K25	≥800	10	15-25	/	125	TO252	
		BTT1208A10	≥800	12	5-10	/	125	TO220A	
		BTT1208A15	≥800	12	10-15	/	125	TO220A	
		BTT1208A25	≥800	12	15-25	/	125	TO220A	
		BTT1208A35	≥800	12	25-35	/	125	TO220A	
		BTT1208B10	≥800	12	5-10	/	125	TO220B	
		BTT1208B15	≥800	12	10-15	/	125	TO220B	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	3Q	BTT1208B25	≥800	12	15-25	/	125	TO220B	
		BTT1208B35	≥800	12	25-35	/	125	TO220B	
		BTT1208C10	≥800	12	5-10	/	125	TO220C	
		BTT1208C15	≥800	12	10-15	/	125	TO220C	
		BTT1208C25	≥800	12	15-25	/	125	TO220C	
		BTT1208C35	≥800	12	25-35	/	125	TO220C	
		BTT1208F10	≥800	12	5-10	/	125	TO220F	
		BTT1208F15	≥800	12	10-15	/	125	TO220F	
		BTT1208F25	≥800	12	15-25	/	125	TO220F	
		BTT1208F35	≥800	12	25-35	/	125	TO220F	
		BTT1208S10	≥800	12	5-10	/	125	TO263	
		BTT1208S15	≥800	12	10-15	/	125	TO263	
		BTT1208S25	≥800	12	15-25	/	125	TO263	
		BTT1208S35	≥800	12	25-35	/	125	TO263	
		BTT1608A10	≥800	16	5-10	/	125	TO220A	
		BTT1608A15	≥800	16	10-15	/	125	TO220A	
		BTT1608A25	≥800	16	15-25	/	125	TO220A	
		BTT1608A35	≥800	16	25-35	/	125	TO220A	
		BTT1608B10	≥800	16	5-10	/	125	TO220B	
		BTT1608B15	≥800	16	10-15	/	125	TO220B	
		BTT1608B25	≥800	16	15-25	/	125	TO220B	
		BTT1608B35	≥800	16	25-35	/	125	TO220B	
		BTT1608C10	≥800	16	5-10	/	125	TO220C	
		BTT1608C15	≥800	16	10-15	/	125	TO220C	
		BTT1608C25	≥800	16	15-25	/	125	TO220C	
		BTT1608C35	≥800	16	25-35	/	125	TO220C	
		BTT1608F10	≥800	16	5-10	/	125	TO220F	
		BTT1608F15	≥800	16	10-15	/	125	TO220F	
		BTT1608F25	≥800	16	15-25	/	125	TO220F	
		BTT1608F35	≥800	16	25-35	/	125	TO220F	
		BTT2008A10	≥800	20	5-10	/	125	TO220A	
		BTT2008A15	≥800	20	10-15	/	125	TO220A	
		BTT2008A25	≥800	20	15-25	/	125	TO220A	
		BTT2008A35	≥800	20	25-35	/	125	TO220A	
		BTT2008B10	≥800	20	5-10	/	125	TO220B	

类别 SCR Type		系列型号 Series Number	断态重复峰值电压 V_{DRM} (V)	均方根电流 $I_{T(RMS)}$(A)	触发电流 I_{GT}(mA) I_{GT1-3}(mA)	$I_{GT(4)}$(mA)	结温 T_J(degC)	封装 Package	外观 Outline
Triac	3Q	BTT2008B15	≥800	20	10-15	/	125	TO220B	
		BTT2008B25	≥800	20	15-25	/	125	TO220B	
		BTT2008B35	≥800	20	25-35	/	125	TO220B	
		BTT2008C10	≥800	20	5-10	/	125	TO220C	
		BTT2008C15	≥800	20	10-15	/	125	TO220C	
		BTT2008C25	≥800	20	15-25	/	125	TO220C	
		BTT2008C35	≥800	20	25-35	/	125	TO220C	
		BTT2008F10	≥800	20	5-10	/	125	TO220F	
		BTT2008F15	≥800	20	10-15	/	125	TO220F	
		BTT2008F25	≥800	20	15-25	/	125	TO220F	
		BTT2008F35	≥800	20	25-35	/	125	TO220F	
		BTT2408A15	≥800	24	10-15	/	125	TO220A	
		BTT2408A25	≥800	24	15-25	/	125	TO220A	
		BTT2408A35	≥800	24	25-35	/	125	TO220A	
		BTT2408B15	≥800	24	10-15	/	125	TO220B	
		BTT2408B25	≥800	24	15-25	/	125	TO220B	
		BTT2408B35	≥800	24	25-35	/	125	TO220B	
		BTT2408C15	≥800	24	10-15	/	125	TO220C	
		BTT2408C25	≥800	24	15-25	/	125	TO220C	
		BTT2408C35	≥800	24	25-35	/	125	TO220C	
		BTT2408F15	≥800	24	10-15	/	125	TO220F	
		BTT2408F25	≥800	24	15-25	/	125	TO220F	
		BTT2408F235	≥800	24	25-35	/	125	TO220F	
		BTT2608M15	≥800	26	10-15	/	125	TO3P	
		BTT2608M25	≥800	26	15-25	/	125	TO3P	
		BTT2608M35	≥800	26	25-35	/	125	TO3P	
		BTT2612M15	≥1200	26	10-15	/	125	TO3P	
		BTT2612M25	≥1200	26	15-25	/	125	TO3P	
		BTT2612M35	≥1200	26	25-35	/	125	TO3P	
		BTT4108M15	≥800	41	10-15	/	125	TO3P	
		BTT4108M25	≥800	41	15-25	/	125	TO3P	
		BTT4108M35	≥800	41	25-35	/	125	TO3P	
		BTT4112M15	≥1200	41	10-15	/	125	TO3P	
		BTT4112M25	≥1200	41	15-25	/	125	TO3P	
		BTT4112M35	≥1200	41	25-35	/	125	TO3P	

Surge Lab

GR-1089 Surge Test

2/10μs
0-5000V
0-500A

10/360μs
0-1000V
0-100A

IEC61000-4-5 Surge Test

10/700μs
0-15KV
0-1000A

1.2/50μs-8/20μs
0-15KV
0-7500A

ITU-T K Series Surge Test

10/700μs
0-6000V
0-400A

1.2/50μs-8/20μs
0-6000V
0-3000A

IEC61643-11 TOV Test

AC1200V
0-300A

IEC61643-1 Surge Test

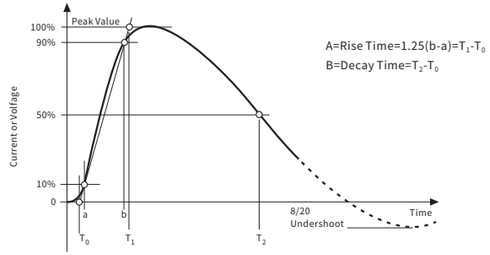
8/20μs
0-160KA

10/350μs
0-50KA

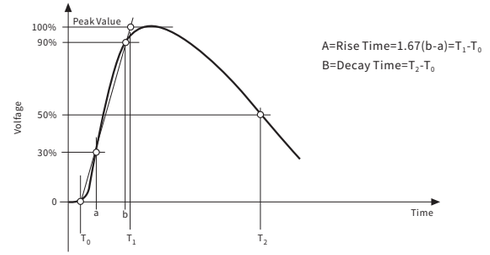
ISO7637-2:2011 &ISO16750:2010 Surge Test

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

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



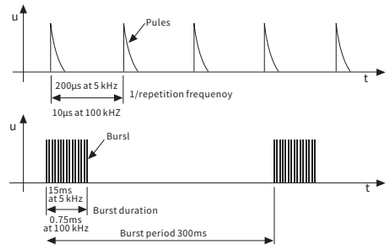
GR1089-2:2010 Double Exponential Voltage/Current Waveform of A/B for 1.2/50 and 10/700 Surges



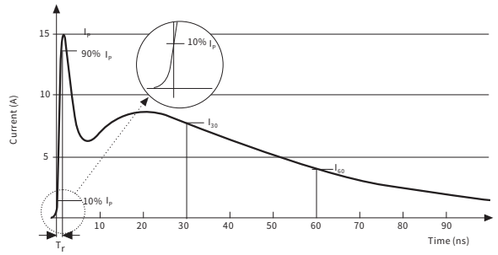
Designation	Condition	Edge	Time and Tolerance	Amplitude
2/10	Open-Circuit Voltage	Rise	2μs+0μs to-1μs	0% to+20%
		Decay	2μs+7μs to-0μs	
	Short-Circuit Current	Rise	2μs+0μs to-1μs	0% to+20%
		Decay	2μs+7μs to-0μs	
1.2/50-8/20 (See Note 1)	Open-Circuit Voltage	Rise	1.2μs±0.36μs	±10%
		Decay	50μs±1.6μs	
	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	Dise	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.

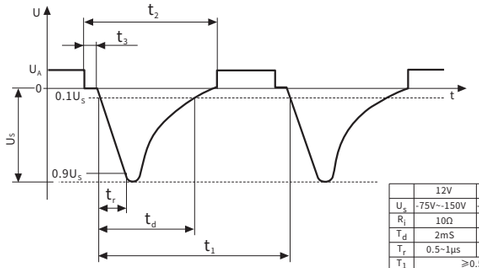
IEC61000-4-4:2012 Representation of an electrical fast transient / burst



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

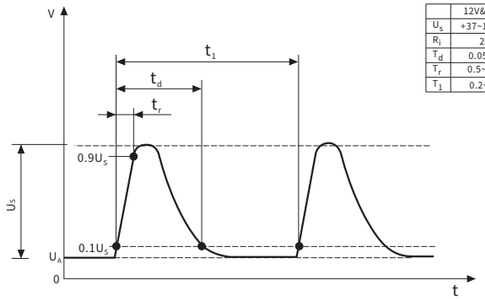


ISO7637-2:2011 Test pulse generator for immunity testing——Test pulse 1



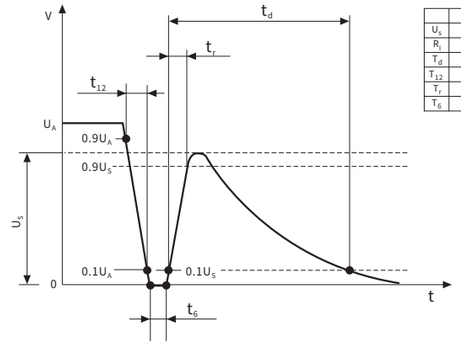
	12V	24V
U_S	-75V~-150V	-300V~-600V
R_i	10Ω	50Ω
T_d	2mS	1ms
T_r	0.5~1μs	1.5~3μs
T_1	≥0.5s	
T_2	200ms	
T_3	<100	

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



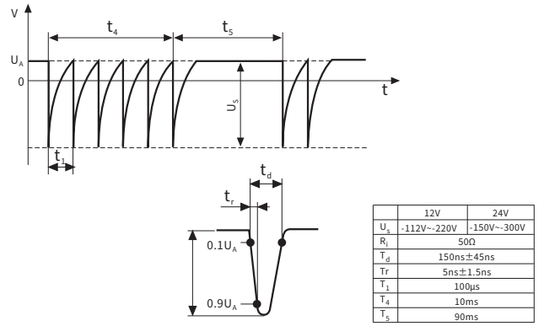
	12V&24V
U_S	+37~112V
R_i	2Ω
T_d	0.05ms
T_r	0.5~1μs
T_1	0.2~5s

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



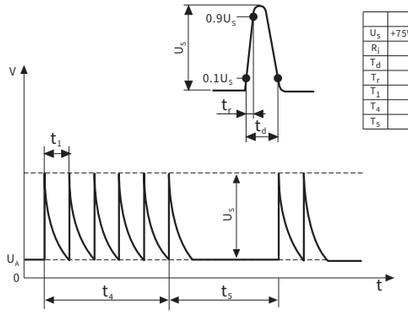
	12V	24V
U_S	10V	20V
R_i	0~0.05Ω	
T_d	0.2~2s	
T_{12}	1ms±0.5ms	
T_r	1ms±0.5ms	
T_6	1ms±0.5ms	

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



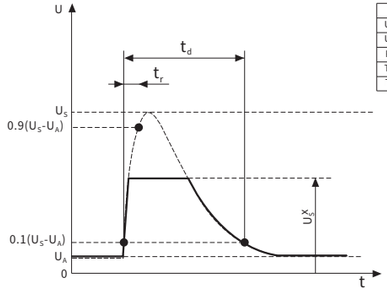
	12V	24V
U_S	-112V~-220V	-150V~-300V
R_i	50Ω	
T_d	150ns±45ns	
Tr	5ns±1.5ns	
T_1	100μs	
T_4	10ms	
T_5	90ms	

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



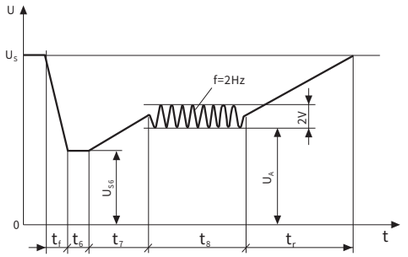
	12V	24V
U_S	+75V~+150V	+150~+300V
R_i	50Ω	
T_d	150ns±45ns	
T_r	5ns±1.5ns	
T_1	100μs	
T_4	10ms	
T_5	90ms	

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



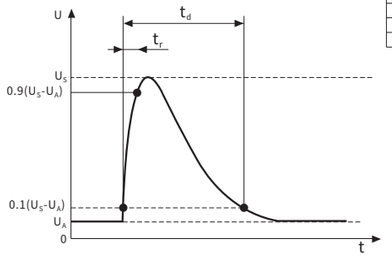
	12V	24V
U_S	79V~101V	151V~202V
U_S'	35V	65V
R_i	0.5~4Ω	1~8Ω
T_d	40~400ms	100~350ms
T_r	5~10ms	5~10ms

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



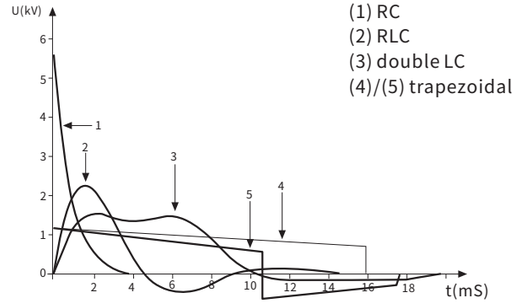
	I		II		III		IV
	12V	24V	12V	24V	12V	24V	12V
U_{S6}(V)	8(-0.2)	10(-0.2)	4.5(-0.2)	8(-0.2)	3(-0.2)	6(-0.2)	6(-0.2)
U_S(V)	9.5(-0.2)	20(-0.2)	6.5(-0.2)	15(-0.2)	5(-0.2)	10(-0.2)	6,5(-0.2)
t_f(ms)	5(±0.5)	10(±1)	5(±0.5)	10(±1)	5(±0.5)	10(±1)	5(±0.5)
t_6(ms)	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)
t_7(ms)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)
t_8(ms)	1000(±100)	1000(±100)	10000(±1000)	1000(±100)	1000(±100)	1000(±100)	10000(±1000)
t_r(ms)	40(±4)	40(±4)	100(±10)	100(±10)	100(±10)	40(±10)	100(±10)

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



	12V	24V
U_S	79V~101V	151V~202V
R_i	0.5~4Ω	1~8Ω
T_d	40~400ms	100~350ms
T_r	5~10ms	5~10ms

IEC60601:2008 Response of defibrillator circuits



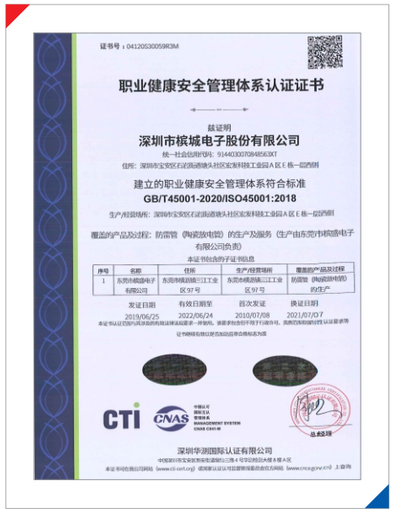
(1) RC
(2) RLC
(3) double LC
(4)/(5) trapezoidal

ISO9001:2008

TS16949:2009

C-RoHS

C-RoHS



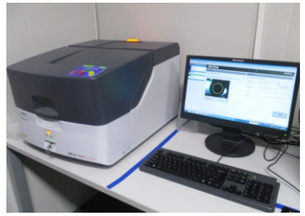
ISO45001:2018

ISO14001:2015

C-RoHS

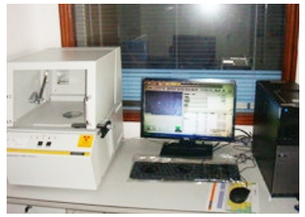
C-RoHS

Reliability Lab



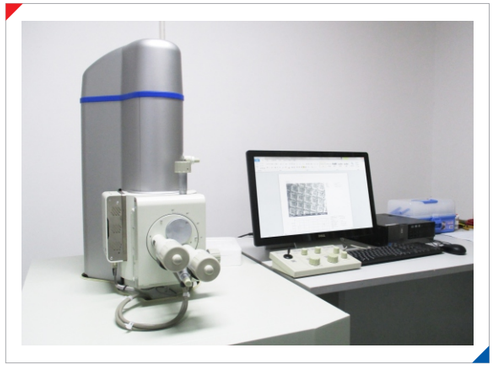
RoHS Tester

Temperature cycle



Film thickness tester

X-RAY perspective detector



Scanning electron microscope

High-temperature reverse bias

High temperature and humidity

Highly accelerated stress test

Layout Recommended

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