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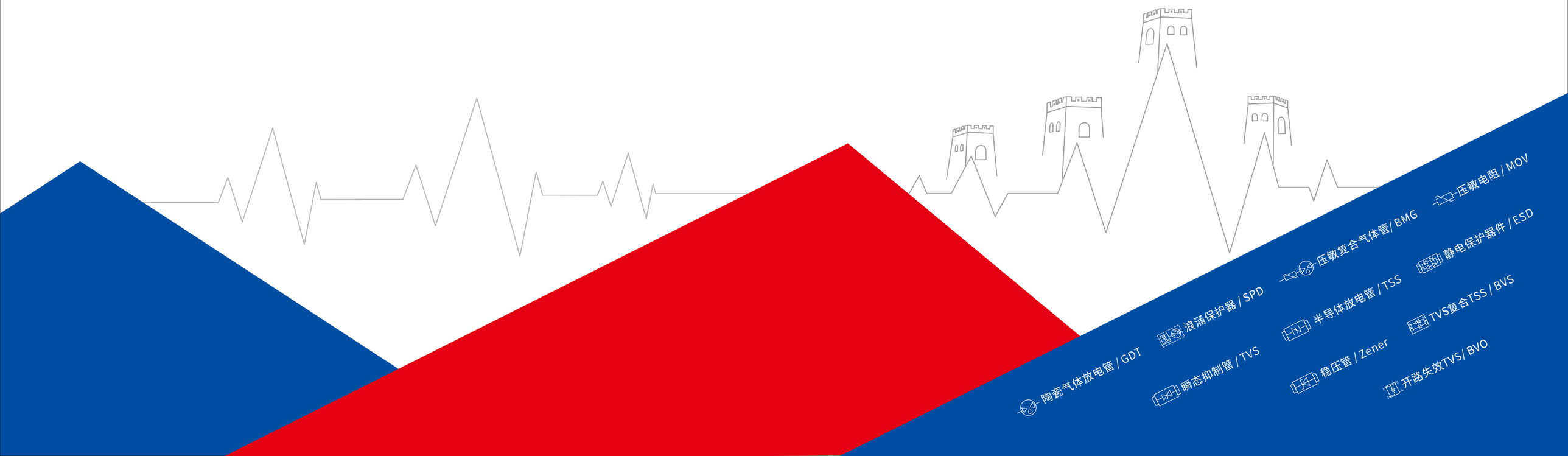

企业简介 Enterprise Profile

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

As a professional manufacturer and provider of surge protection components and innovative solutions , Shenzhen Bencent Electronics Co., Ltd was established in 1999, its product range cover GDT, TVS, TSS, ESD, Zener, MOV, SPD, Hybrid Devices and semiconductor chips, etc. Bencent components are widely used in industries including communication, security, consumer electronics, industrial, medical electronics, automotive electronics and alternative energy.Bencent electronics has taken pride in becoming preferred supplier with priority to HUAWEI, NOKIA, SAMSUNG, HIKVISION, LENOVO,FOXCONN, JABIL, PANASONIC, GREE, MIDEA, MINDRAY, INVENTRONICS ,BYD,GROWATT, HUAQIN, SUNGROW, UAES, VALEO .

深圳·槟城电子（总部）
Bencent ShenZhen

控股平台
Holding Platform

马鞍山·槟城电子
Bencent MAS

创新研发 / 方案设计 / 封测 / TVS / TSS / ESD / ZENER
Innovative R&D / Solution Design / Packaging & Testing / TVS / TSS / ESD / Zener

东莞·槟盛电子
Bencent DongGuan

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

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

半导体芯片制造
Wafer Fab

新产品What's New?

ULC ESD

BV-F618URCA

V_{BR}≥19V
V_C@I_{PP}≤25V@1A
C_O≈0.06pF(Typ)
0.6x0.3x0.3mm
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 Circuit

 ANT

 Mobile phone

BMG

BMG20D751K102F15

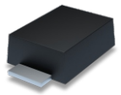
I_{PP}=10kA@8/20μs
Low Clamping Voltage
V_{BR}≥800V
Ø25x10.0mm
Page 66

 Circuit

 POWER

 Residential Storage

SMA 600W



BV-6SMAJ15CA-F

Peak pulse power 600W(10/1000μs)
h≤1.3mm
5.0x2.8x1.3mm
Page 76

 Circuit

 DC POWER

 Access Control

FGDT

BL201NH

V_{BR}≥140V
Vimpulse≤500V
I_{PP}＞1kA (8/20μs)
2.9x2.1x1.9mm
Page 41

 Circuit

 AC POWER

 Adapter

BXD

BXD3000SA03M-A

V_{BR}≥3000V V_{impuls}≤3000V
I_{PP}>3kA(8/20μs)
Hi pot≥1850VAC@ID=10mA
Hi pot≥2850VDC@ID=3.5mA
8.5x5.7x8.5mm
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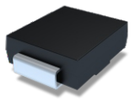
 Circuit

 AC POWER

 Charging pile

BS2600U-GHQ



BS2600U-GHQ

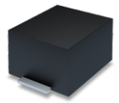
V_{DRM}=220V V_S≤300V
I_{PP}≥2000A(8/20μs)
8.3x6.2x3.0mm
Page 72

 Circuit

 AC POWER

 OBC

SMBF 3000W



BV-3SMBF30CA

Peak pulse power
3000W(10/1000μs)
6.0x4.7x3.0mm
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 Circuit

 DC POWER

 POE IPC

LED SPD

BSPD277D05LF-01A

Uc=277 VAC
In=5kA(8/20μs)
69.4x34.0x21.3mm
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 Circuit

 AC POWER

 Adapter

防护六步法
Six—Steps to Success

环境分析
Environmental Analysis

标准选择
Choose Standard

方案设计
Application Guide

器件选择
Select Components

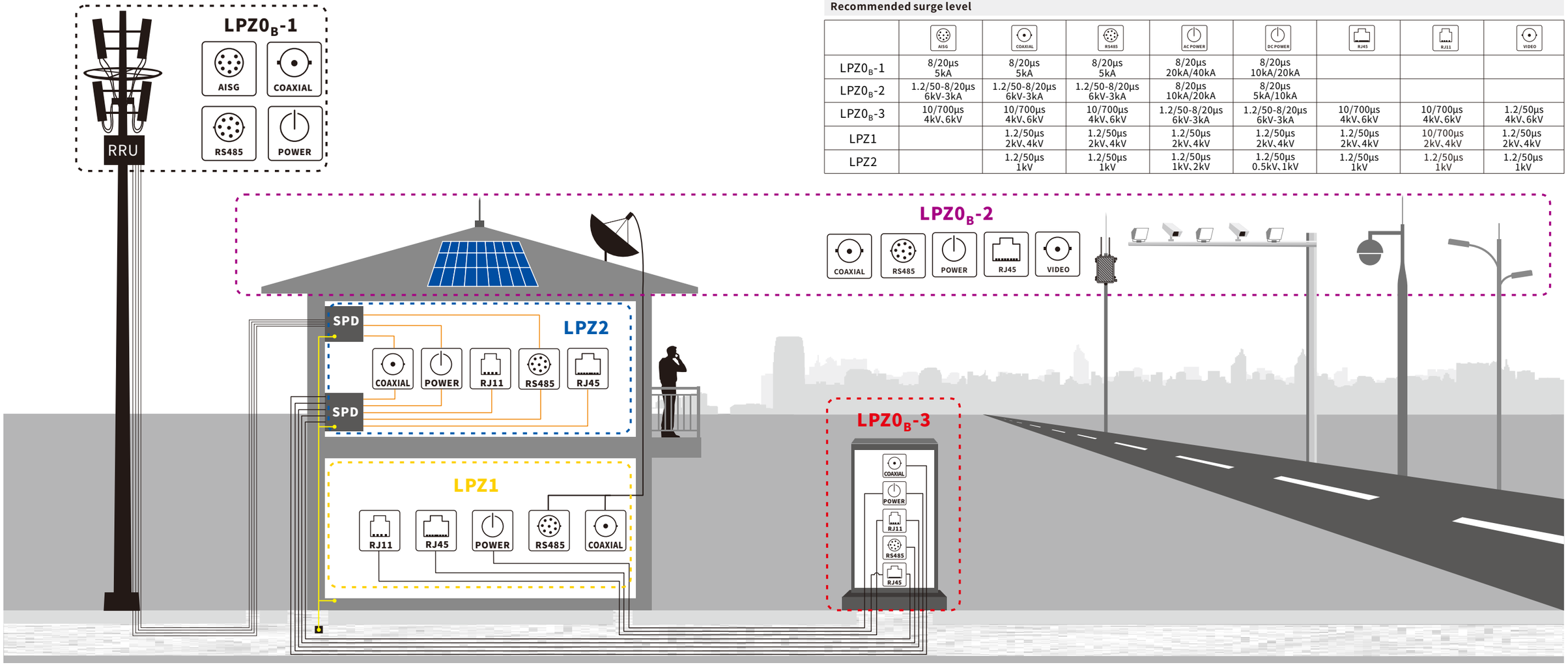
方案测试
System Test

应用优化
Apply & Optimize

目录 — INDEX

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	1.2/50μs 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	10/700μs 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 2022) Resistibility of telecommunication equipment installed in a telecommunication centre voltages and overcurrents

Table 1a – Applicable tests for external ports

Test type	No. of pairs simult aneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning/ voltage	Single	Transverse/ differential	No	10/700μs 15+25Ω 1kV A.6.1-1 (a and b)	10/700μs 15+25Ω 1.5kV A.6.1-1 (a and b)	1.2/50 – 8/20μs 2Ω 1kV A.6.2-1	1.2/50 – 8/20μs 2Ω 1.5kV A.6.2-1	10/700μs 15+25Ω 1.0kV A.6.3-1 (a and b)	10/700μs 15+25Ω 1.5kV A.6.3-1 (a and b)	1.2/50μs 2Ω 2.5kV A.6.4-1	1.2/50μs 2Ω 6kV A.6.4-1
		Port to earth	No	10/700μs 15+25Ω 1.0kV A.6.1-2	10/700μs 15+25Ω 1.0kV A.6.1-2	n/a		10/700μs 15+25Ω 1.0kV A.6.3-2	10/700μs 15+25Ω 6kV A.6.3-2	1.2/50μs 2Ω 2.5kV A.6.4-2	1.2/50μs 2Ω 6kV A.6.4-2
		Port to external port	No	n/a		n/a		n/a		1.2/50μs 2Ω 2.5kV A.6.4-3	1.2/50μs 2Ω 6kV A.6.4-3
		Coordination/ Transverse/ differential	Yes	10/700μs 15+25Ω 4kV A.6.1-1 (a and b)	10/700μs 15+25Ω 4kV A.6.1-1 (a and b)	11.2/50 – 8/20μs 2Ω 4kV A.6.2-1	11.2/50 – 8/20μs 2Ω 6kV A.6.2-1	10/700μs 15+25Ω 4kV A.6.3-1 (a and b)	10/700μs 15+25Ω 4kV A.6.3-1 (a and b)	1.2/50μs 2Ω 6kV A.6.4-1	1.2/50μs 2Ω 10kV A.6.4-1
		Coordination/ Port to earth	Yes	10/700μs 15+25Ω 4kV A.6.1-2	10/700μs 15+25Ω 4kV A.6.1-2	n/a		10/700μs 15+25Ω 4kV A.6.3-2	10/700μs 15+25Ω 4kV A.6.3-2	1.2/50μs 2Ω 6kV A.6.4-2	1.2/50μs 2Ω 10kV A.6.4-2
		Coordination/ Port to external port	Yes	n/a		n/a		n/a		1.2/50μs 2Ω 6kV A.6.4-3	1.2/50μs 2Ω 10kV A.6.4-3
	Multiple	Port to earth	No	10/700μs 15+25Ω 1.5kV A.6.1-4	10/700μs 15+25Ω 1.5kV A.6.1-4	n/a		n/a		n/a	
		Port to external port	No	n/a		n/a		n/a		n/a	
		Port to earth	Yes	10/700μs 15+25Ω 4kV A.6.1-4	10/700μs 15+25Ω 6kV A.6.1-4	n/a		n/a		n/a	
		Port to external port	Yes	n/a		n/a		n/a		n/a	
	Ethernet unshielded twisted pair (UTP_E)	Port to earth	No	1.2/50μs 2+10Ω 2.5kV A.6.7-4	1.2/50μs 2+10Ω 6kV A.6.7-4	n/a		n/a		n/a	
		Transverse	No	1.2/50μs 2+10Ω+10Ω 0.6kV A.6.7-5	1.2/50μs 2+10Ω+10Ω 1.5kV A.6.7-5	n/a		n/a		n/a	
		Voltage impulse test	No	1.2/50μs 2+5Ω 2.5kV A.6.7-3a	1.2/50μs 2+5Ω 6kV A.6.7-3a	n/a		n/a		n/a	
		Power over Ethernet (PoE)	No	1.2/50μs 2+10Ω+10Ω 0.6kV A.6.7-2	1.2/50μs 2+10Ω+10Ω 1.5kV A.6.7-2	n/a		n/a		n/a	
	Ethernet shielded twisted pair (STP_E)	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	n/a		n/a		n/a		n/a	
		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		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning current	Single	Shield to external port	n/a	n/a		n/a		n/a		n/a	
	Multiple	Port to earth	n/a	8/20μs A.6.1-4 1 kA/wire limited 6kA	8/20μs A.6.1-4 5 kA/wire limited 30kA	n/a		n/a		n/a	
		Port to external port	n/a	n/a		n/a		n/a		n/a	
Power induction and earth potential rise	Single	Transverse/ differential	No	Transverse/ differential		Understudy		AC600V600Ω A.6.3-1(a and b) t=0.2s		n/a	
		Port to earth	No	AC600V600Ω A.6.1-1(a and b) t=0.2s		n/a		AC600V600Ω A.6.3-2 t=0.2s		5.2.1 under study	
		Port to external port	No	n/a		n/a		n/a		n/a	
		Coordination Transverse	Yes	AC600V600Ω A.6.1-1(a and b) t=1s	AC1500V200Ω A.6.1-1(a and b) t=2s	Understudy		AC600V600Ω A.6.3-1(a and b) t=1s	AC1500V200Ω A.6.3-1(a and b) t=2s	n/a	
		Coordination port to earth	Yes	AC600V600Ω A.6.1-2 t=1s	AC1500V200Ω A.6.1-2 t=2s	n/a		AC600V600Ω A.6.3-2 t=1s	AC1500V200Ω A.6.3-2 t=2s	n/a	
		Coordination port to external port	Yes	n/a		n/a		n/a		n/a	
Neutral potential rise	Single	Port to earth	No	n/a		n/a		n/a		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	No	AC230V10/20/40/80/160/300/600/1000Ω A.6.1-1(a and b) t=15min		n/a		AC230V10/20/40/80/160/300/600/1000Ω A.6.3-1(a and b) t=15min		n/a	
		Port to earth	No	AC230V10/20/40/80/160/300/600/1000Ω A.6.1-2 t=15min		n/a		AC230V10/20/40/80/160/300/600/1000Ω A.6.3-2 t=15min		n/a	
		Port to external port	No	n/a		n/a		n/a		n/a	

Table 1b – Lightning test conditions for ports connected to internal cables

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

ITU-T K.21 (AUG 2022) Resistibility of telecommunication equipment installed in customer premises to voltages and overcurrents

Table 1a – Applicable tests for external ports

Test type	No. of pairs simultaneously tested	Test connections	Primary protection	Port type							
				Symmetric port		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning/ voltage	Single	Transverse/ differential	No	10/700μs 15+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 external 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 unshielded twisted pair (UTP_E)	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/ 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 (STP_E)	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 6kV 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		Coaxial port		Dedicated power feed port		Mains power port	
				Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])	Basic test levels (also see clause 7 of [ITU-T K.44])	Enhanced test levels (also see clauses 5 and 7 of [ITU-T K.44])
Lightning current	Multiple	Shield to earth	n/a	n/a		8/20μs A.6.2-2 Mounted on a tower 4kA Others 2kA	8/20μs A.6.2-2 Mounted on a tower 20kA Others 5kA	n/a		n/a	
		Shield to external port	n/a	n/a		8/20μs A.6.2-3 Mounted on a tower 4kA Others 2kA	8/20μs A.6.2-3 Mounted on a tower 20kA Others 5kA	n/a		n/a	
Power induction and earth potential rise	Single	Transverse/ differential	No	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 under study	
		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 under study	
		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							
	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 4kV A.6.7-6	1.2/50-8/20μs2Ω+ 5Ω 6kV A.6.7-6							
	Ethernet transverse/ differential	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 transverst/ differenial	No	1.2/50-8/20μs2Ω 1kV A.6.7-5		1.2/50-8/20μs2Ω 1.5kV A.6.7-5	1.2/50-8/20μs2Ω 1kV 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 +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/ differential 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				
	Ethernet longitudinal/ common mode withstand test	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
1.3	3b/5b	Multi-port Short Loop OSP Interface w/o Primary Protection						
2	1,3,5	OSP Interface	±100 to ±1000	10(at 100 V)to 100(at 1000 V)	10/1000	N/A	5 at each voltage increment	A
2.1	1,3,5	Extended OSP Interface	±100 to ±2000	10(at 100 V)to 100(at 2000 V)	10/1000	N/A	5 at each voltage increment	A
2.2	1,3,5	OSP Interface–with SecondaryProtectors	±Vs	100(at 1000 V)	10/1000	N/A	5	A
3	1,3,5,3a/5a,3b/5b,	Gas Tube Interaction Test	±4000	SeeFigure 4-6	10/700 voltage 5/320 current	25	5	(A5 and A6) orB
4	1,3,5	Inductive Kick Test for OSP Interfaces	±1500	300	2/10	N/A	10	See Figure 4-1
5	3,3b/5b,5	Fast Rise Time Test for Remote OSP Interfaces	±1000	200	2/10	N/A	5	A
6	3,5	Higher Ground Resistancefor Remote OSP Interfaces –Longitudinal	±1000	100	10/1000	N/A	5	A5, A6
7	3,5	High Lightning ExposureTest for Remote OSP Inter faces	±400 to ±4000	50 (at 400 V) to 500(at 4000 V)	10/250	N/A	5 at each voltage increment	B
8	2,3a/5a,4,4a	Intra-Building with up to2 Pairs per Port (Metallic)	±800	100	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
8.1	2,3a/5a,4,4a	Intra-Building with Secondary Protectors up to 2 Pairs per Port (Metallic)	±Vs	100 (at 800 V)	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
9	2,4,4a	Intra-Building with up to2 Pairs per Port (Longitudinal)	±1500	100	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
9.1	2,4,4a	Intra-building with Secondary Protectors up to 2 Pairs per Port (Longitudinal)	±Vs	100 (at 1500 V)	2/10	N/A	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
10	2,3a/5a,4,4a	Alternative Intra-Building for up to 2 Pairs per Port (Metallic)	±800	400	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
10.1	2,3a/5a,4,4a	Alternative Intra-Building with Secondary Protectors up to 2 Pairs per Port (Metallic)	±Vs	Vs/2	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	A1, A2, A3,A4
11	2,4,4a	Alternative Intra-Building up to 2 Pairs per Port (Longitudinal)	±1500	750	1.2/50-8/20	10	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
11.1	2,4,4a	Alternative Intra-Building Undervoltage up to 2 Pairs per Port(Longitudinal)	±Vs	Vs/2	1.2/50-8/20	10	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B
12	2,3a/5a,4,4a	Intra-Building for 3 or 4 Pairs per Port (Metallic)	±800	400	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
12.1	2,3a/5a,4,4a	Intra-Building with Secondary Protectors, 3 or 4 Pairs per Port (Metallic)	±Vs	Vs/2	1.2/50-8/20	6	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	Test per Figure 4-10
13	2,4,4a	Intra-Building 3 or 4 Pairs per Port (Longitudinal)	±1500	750	1.2/50-8/20	20	Repetitions each polarity may be 5 on 1 sample, or 1 on 3 samples.	B

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

1=CO OSP Cable Ports, 2=CO Intra-building Cable Ports, 3=Customer Location OSP Cable Ports, 3a/5a=Intra-Cell Site Cable Ports, 3b/5b=Short Reach OSP Cable Ports, 4=Non-CO Intra-Building Ports, 4a=Customer-Side Optical Network Terminals (ONTs) and Intelligent Network Interface Devices (iNIDs) Cable Ports, 5=OSP Site OSP Cable Ports, 6=Antenna Ports, 7=AC Power Ports, 8=DC Power Ports, 8a=DC Power to Antenna, 8b=Intra-Cell Site DC Power

Second-Level Lightning Surge

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

1=CO OSP Cable Ports, 3=CO Intra-building Cable Ports, 5=OSP Site OSP Cable Ports, 7=AC Power Ports,

ISO7637-2:2011 Road vehicles --Electrical disturbances from conduction and coupling--Part 2: Electrical transient conduction along supply lines only

Examples of test pulse severity levels for nominal 12V and 24V system

Test pulse[a]	Selected test level[b]	Test pulse severity level,Us[c,d] (V)						Min.number of pulses or test time	Burst cycle/pulse repetition tim[e]	
		IV		III		I/II				
		12	24	12	24	12	24		min.	max.
1		-150	-600	-112	-450	-75	-300	500Pulses	0.5s	e
2a		+112	+112	+55	+55	+37	+37	500Pulses	0.2s	5s
2b		+10	+20	+10	+20	+10	+20	10Pulses	0.5s	5s
3a		-220	-300	-165	-220	-112	-150	1h	90ms	100ms
3b		+150	+300	+112	+220	+75	+150	1h	90ms	100ms

a: Test pulses as in 5.6
b: Values agreed between vehicle manufacturer and equipment suppliler.
c: The amplitudes are the values of Us as defined for each test pulse in 5.6.
d: The former levels I and II are revised because they did not ensure sufficient immunity in subsequent road vehicles'design.
e: The maximum pulse repetition time shall be chosen such that it is the minimum time for the DUT to be correctly initialized before the application of the next pulse and shall be ⩾0.5S.

ISO16750-2:2023 Road vehicles -- Environmental conditions and testing for electrical and electronic equipment -- part 2: electrical loads

Starting profile values for systems with 12V and 24V nominal voltage

Parameter		Level						
		I		II		III		IV
		12V	24V	12V	24V	12V	24V	12V
Voltage V	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)
	t1	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)	50(±5)	15(±1.5)
	t2	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)	50(±5)
	t3	1000(±100)	1000(±100)	10000(±1000)	1000(±100)	1000(±100)	1000(±100)	10000(±1000)
	tr	40(±4)	40(±4)	100(±10)	100(±10)	100(±10)	40(±10)	100(±10)
Minimum functional status		A[a]	A[e]	B[a]	B[e]	B[a]	B[e]	A[a]
		A[b]	B[f]	B[b]	C[f]	C[b]	C[f]	B[b]
		B[c]	B[g]	C[c]	C[g]	C[c]	C[g]	C[c]
		B[d]	B[h]	C[d]	C[h]	C[d]	C[h]	C[d]

a: $U_s$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 esistance.

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.

UL60950-1:2019 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。

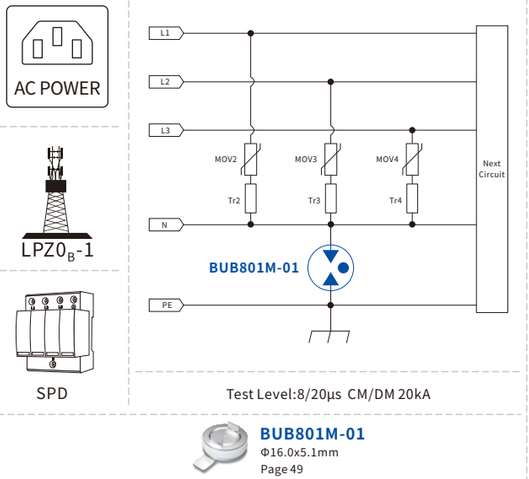
Equipment V Ports

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					●				

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

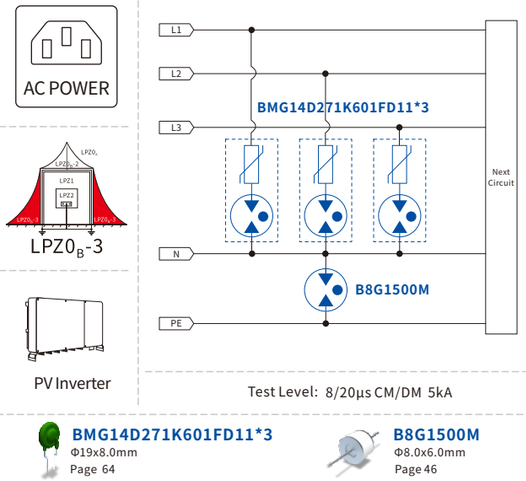
AC 380V For SPD



Test Level:8/20μs CM/DM 20kA

BUB801M-01
Φ16.0x5.1mm
Page 49

AC 380V PV NEW

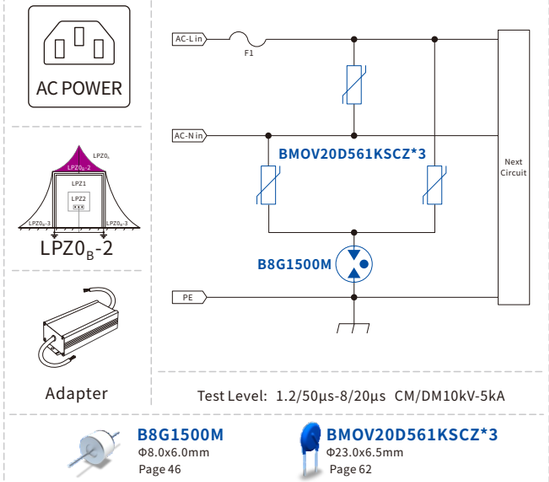


Test Level: 8/20μs CM/DM 5kA

BMG14D271K601FD11*3
Φ19x8.0mm
Page 64

B8G1500M
Φ8.0x6.0mm
Page 46

AC 90-264V

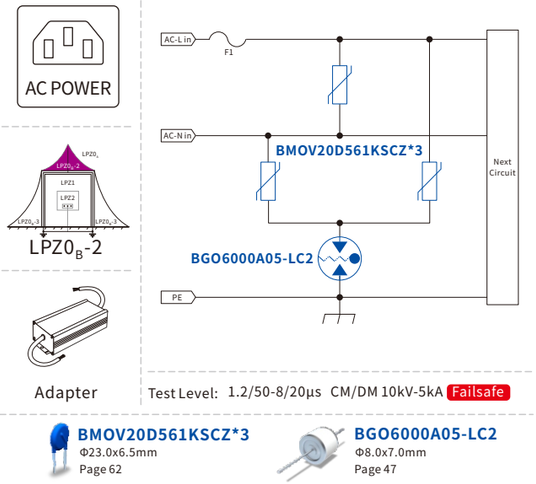


Test Level: 1.2/50μs-8/20μs CM/DM10kV-5kA

B8G1500M
Φ8.0x6.0mm
Page 46

BMOV20D561KSCZ*3
Φ23.0x6.5mm
Page 62

AC 90-264V

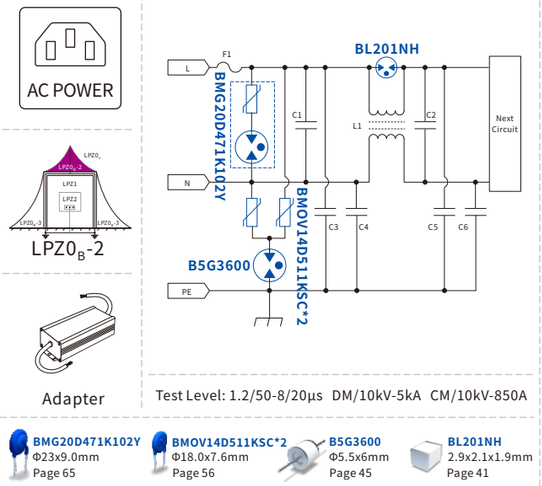


Test Level: 1.2/50-8/20μs CM/DM 10kV-5kA Failsafe

BMOV20D561KSCZ*3
Φ23.0x6.5mm
Page 62

BGO6000A05-LC2
Φ8.0x7.0mm
Page 47

AC 90-305V NEW



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

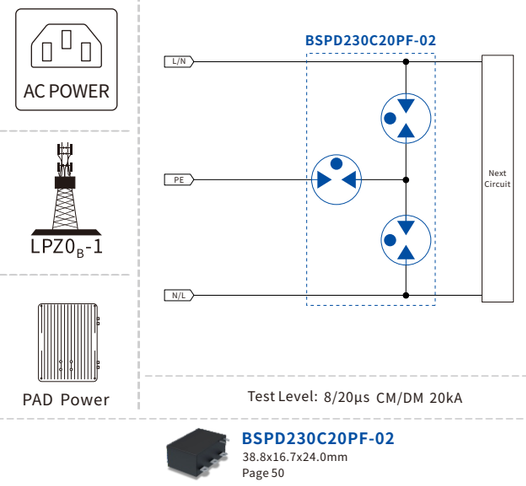
BMG20D471K102Y
Φ23x9.0mm
Page 65

BMOV14D511KSC*2
Φ18.0x7.6mm
Page 56

B5G3600
Φ5.5x6mm
Page 45

BL201NH
2.9x2.1x1.9mm
Page 41

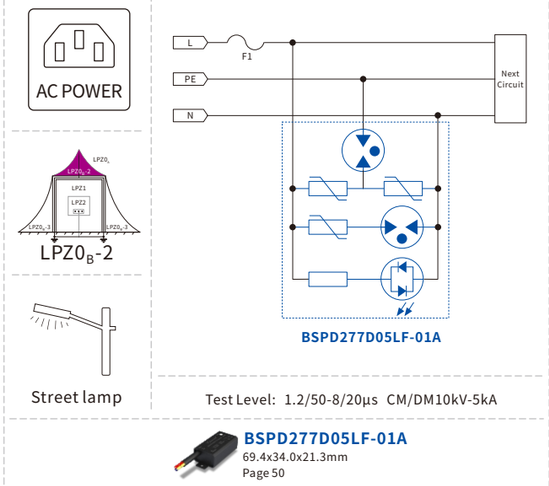
AC 90-264V



Test Level: 8/20μs CM/DM 20kA

BSPD230C20PF-02
38.8x16.7x24.0mm
Page 50

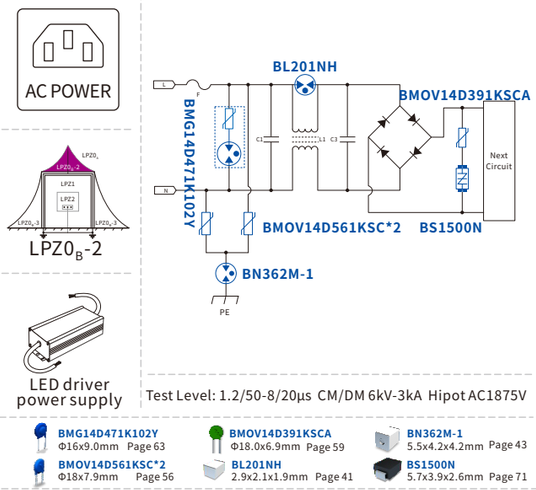
AC 90-264V NEW



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

BSPD277D05LF-01A
69.4x34.0x21.3mm
Page 50

AC 90-264V NEW



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

BMG14D471K102Y
Φ16x9.0mm Page 63

BMOV14D391KSCA
Φ18.0x6.9mm Page 59

BN362M-1
5.5x4.2x4.2mm Page 43

BMOV14D561KSC*2
Φ18x7.9mm Page 56

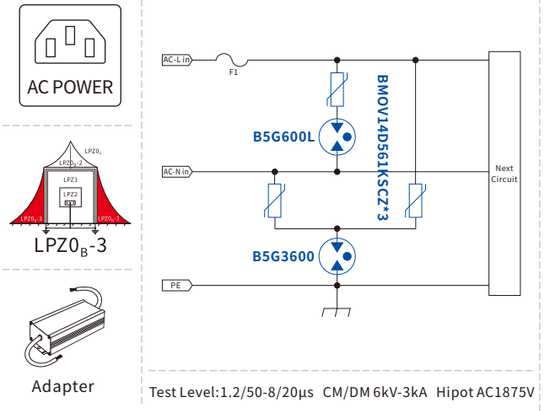
BL201NH
2.9x2.1x1.9mm Page 41

BS1500N
5.7x3.9x2.6mm Page 71

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

AC 90-264V



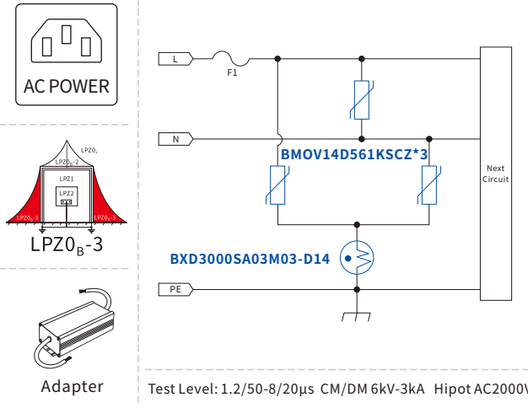
Test Level:1.2/50-8/20μs CM/DM 6kV-3kA Hipot AC1875V

BMOV14D561KSCZ*3
Φ18.0x7.9mm
Page 57

B5G600L
Φ5.5x6.0mm
Page 44

B5G3600
Φ5.5x6.0mm
Page 45

AC 90-264V

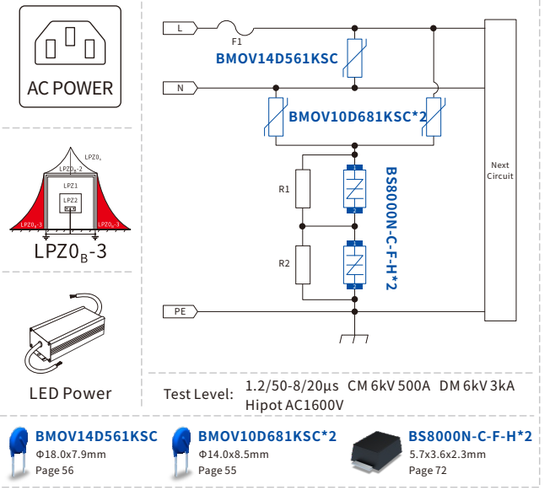


Test Level: 1.2/50-8/20μs CM/DM 6kV-3kA Hipot AC2000V

BMOV14D561KSCZ*3
Φ18.0x7.9mm
Page 57

BXD3000SA03M-D14
8.8x6.2x8.7mm
Page 49

AC 90-264V



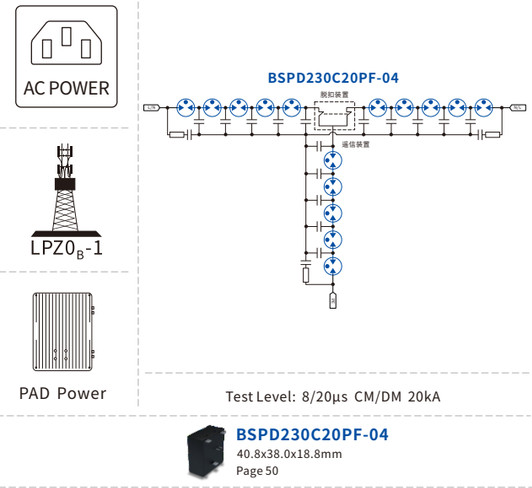
Test Level: 1.2/50-8/20μs CM 6kV 500A DM 6kV 3kA Hipot AC1600V

BMOV14D561KSC
Φ18.0x7.9mm
Page 56

BMOV10D681KSC*2
Φ14.0x8.5mm
Page 55

BS8000N-C-F-H*2
5.7x3.6x2.3mm
Page 72

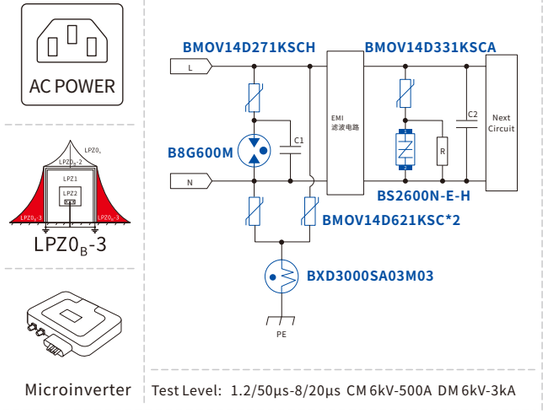
AC 90-230V



Test Level: 8/20μs CM/DM 20kA

BSPD230C20PF-04
40.8x38.0x18.8mm
Page 50

AC 220V



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

BMOV14D271KSCH
Φ18.0x6.2mm Page 56

BMOV14D331KSCA
Φ18.0x6.5mm Page 59

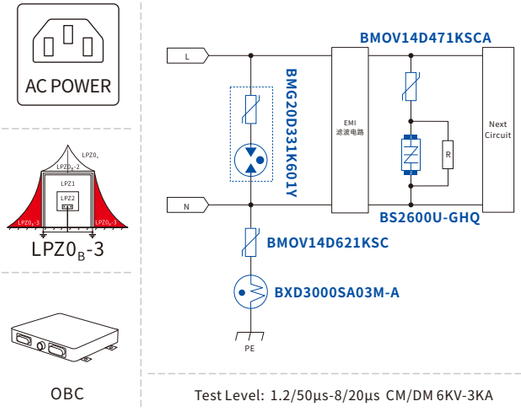
BMOV14D621KSC*2
Φ18.0x8.3mm Page 56

B8G600M
Φ8.0x6.0mm Page 46

BS2600N-E-H
5.7x3.9x2.6mm Page 71

BXD3000SA03M03
9.0x5.5x7.0mm Page 49

AC 220V NEW



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

BMOV14D471KSCA
Φ18.0x7.4mm Page 59

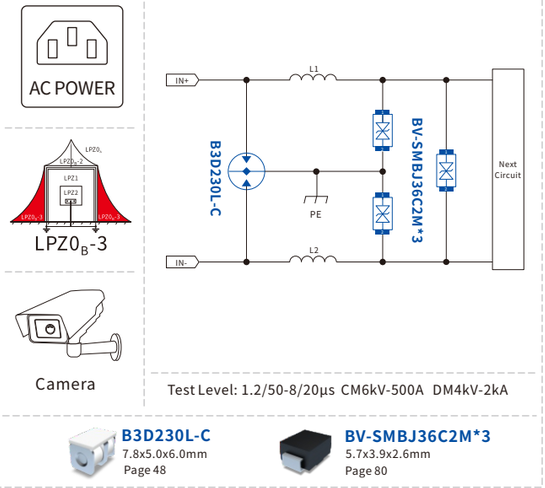
BS2600U-GHQ
8.3x6.2x3.0mm Page 72

BMOV14D621KSC
Φ18.0x8.3mm Page 56

BXD3000SA03M-A
8.5x5.7x8.5mm Page 49

BMG20D331K601Y
Φ23.0x8.5mm Page 65

AC 24V/DC12V

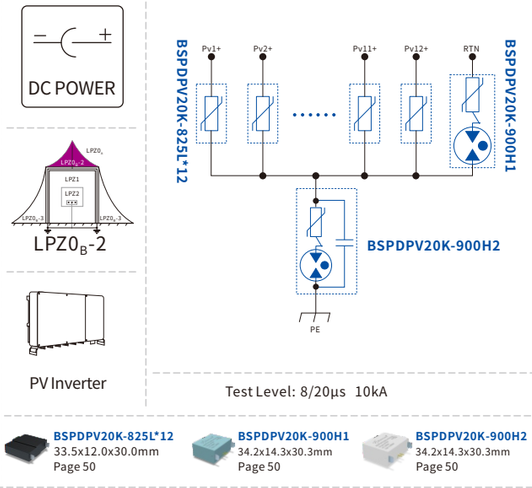


Test Level: 1.2/50-8/20μs CM6kV-500A DM4kV-2kA

B3D230L-C
7.8x5.0x6.0mm
Page 48

BV-SMBJ36C2M*3
5.7x3.9x2.6mm
Page 80

DC 1500V PV



Test Level: 8/20μs 10kA

BSPDPV20K-825L*12
33.5x12.0x30.0mm
Page 50

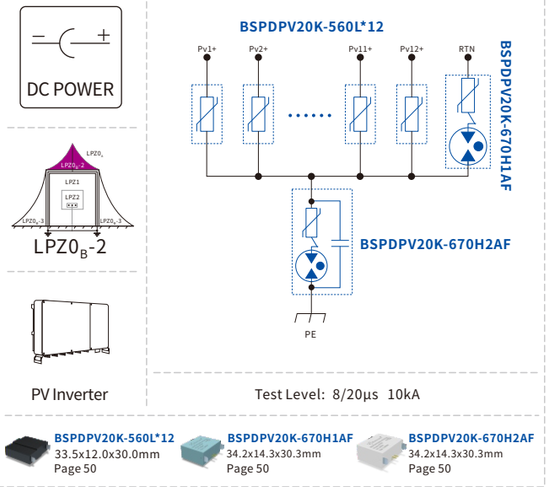
BSPDPV20K-900H1
34.2x14.3x30.3mm
Page 50

BSPDPV20K-900H2
34.2x14.3x30.3mm
Page 50

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

DC 1100V PV



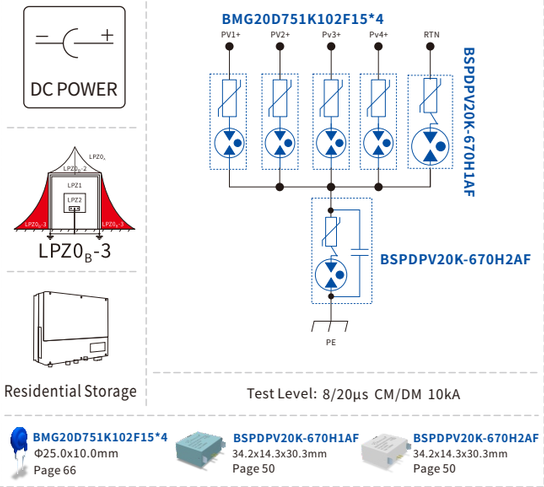
Test Level: 8/20μs 10kA

BSPDPV20K-560L*12
33.5x12.0x30.0mm
Page 50

BSPDPV20K-670H1AF
34.2x14.3x30.3mm
Page 50

BSPDPV20K-670H2AF
34.2x14.3x30.3mm
Page 50

DC 1100V PV NEW



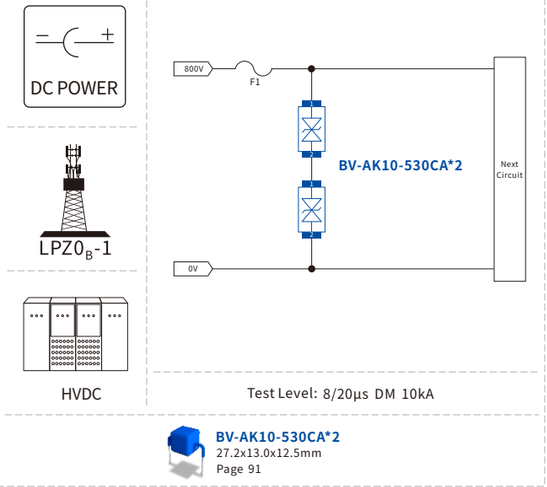
Test Level: 8/20μs CM/DM 10kA

BMG20D751K102F15*4
Φ25.0x10.0mm
Page 66

BSPDPV20K-670H1AF
34.2x14.3x30.3mm
Page 50

BSPDPV20K-670H2AF
34.2x14.3x30.3mm
Page 50

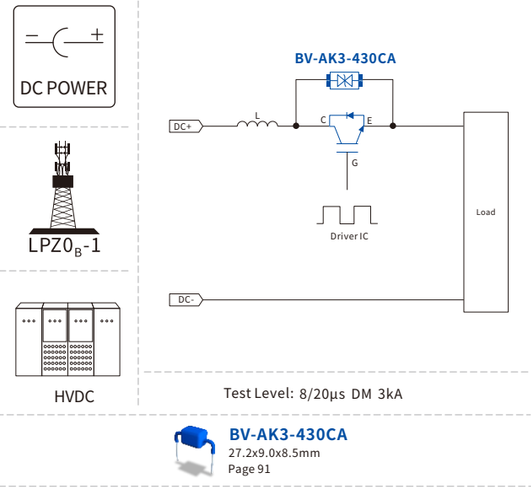
DC 800V NEW



Test Level: 8/20μs DM 10kA

BV-AK10-530CA*2
27.2x13.0x12.5mm
Page 91

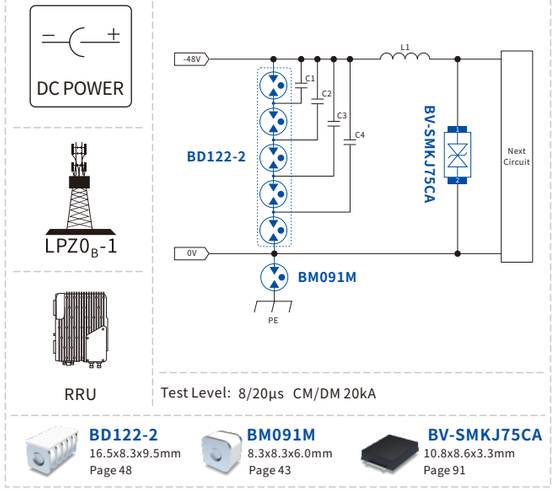
SSR Protect Circuit NEW



Test Level: 8/20μs DM 3kA

BV-AK3-430CA
27.2x9.0x8.5mm
Page 91

DC 48V



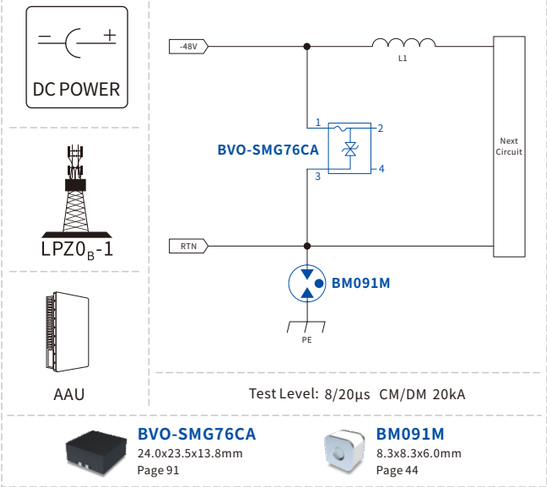
Test Level: 8/20μs CM/DM 20kA

BD122-2
16.5x8.3x9.5mm
Page 48

BM091M
8.3x8.3x6.0mm
Page 43

BV-SMKJ75CA
10.8x8.6x3.3mm
Page 91

DC 48V

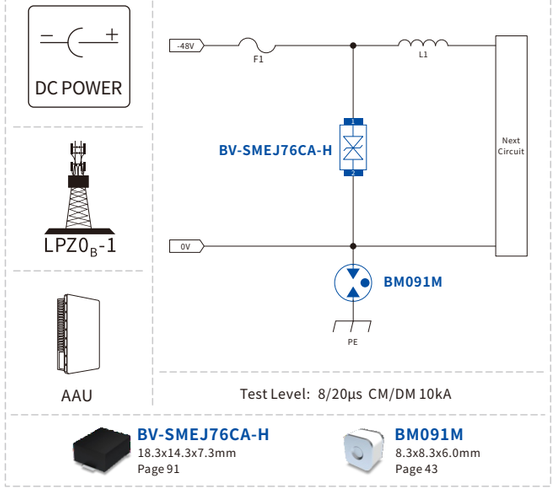


Test Level: 8/20μs CM/DM 20kA

BVO-SMG76CA
24.0x23.5x13.8mm
Page 91

BM091M
8.3x8.3x6.0mm
Page 44

DC 48V

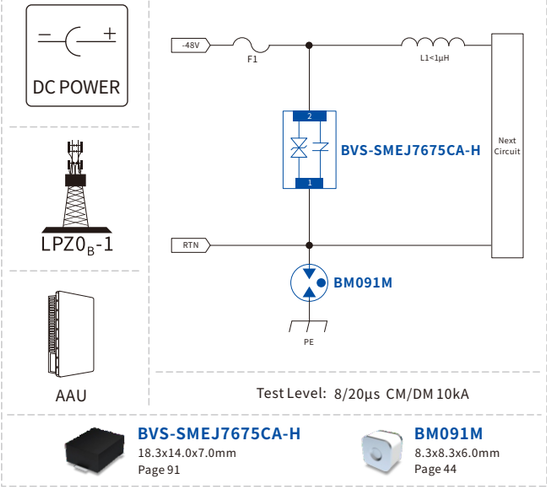


Test Level: 8/20μs CM/DM 10kA

BV-SMEJ76CA-H
18.3x14.3x7.3mm
Page 91

BM091M
8.3x8.3x6.0mm
Page 43

DC 48V



Test Level: 8/20μs CM/DM 10kA

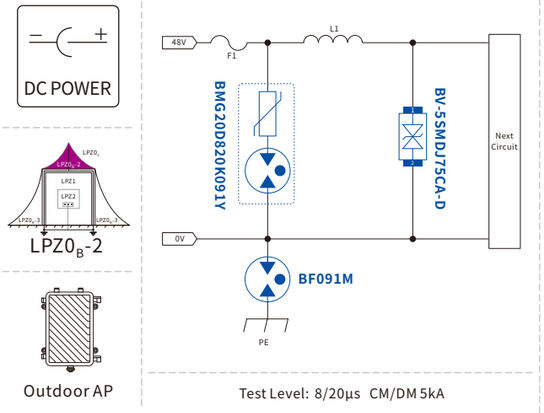
BVS-SMEJ7675CA-H
18.3x14.0x7.0mm
Page 91

BM091M
8.3x8.3x6.0mm
Page 44

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

DC 48V



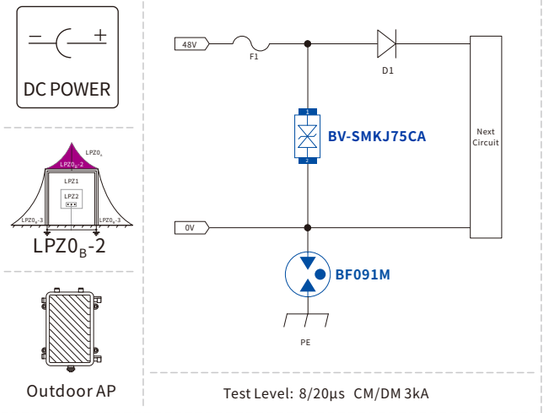
Test Level: 8/20μs CM/DM 5kA

BMG20D820K091Y
Φ23.0x7.5mm
Page 65

BV-5SMDJ75CA-D
8.3x6.2x3.0mm
Page 90

BF091M
5.0x5.0x4.2mm
Page 43

DC 48V

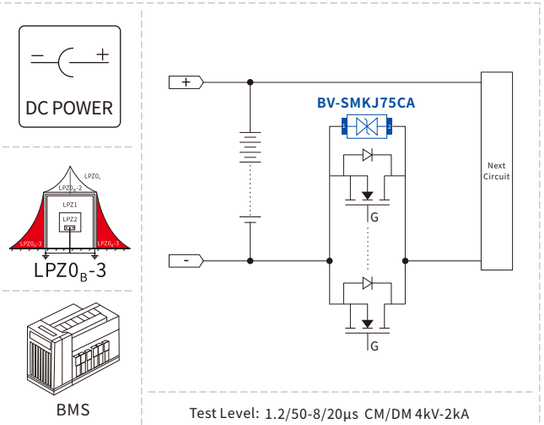


Test Level: 8/20μs CM/DM 3kA

BV-SMKJ75CA
10.6x8.3x3.3mm
Page 91

BF091M
5.0x5.0x4.2mm
Page 43

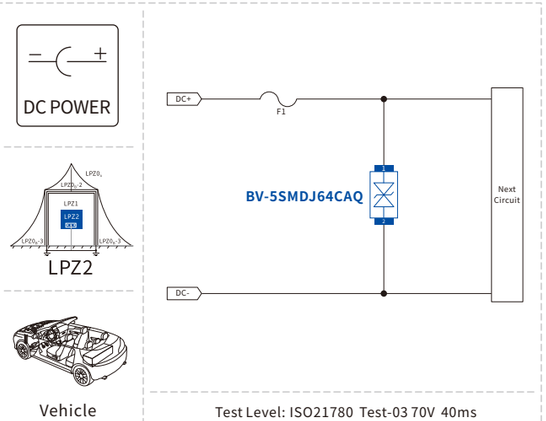
DC 48V



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

BV-SMKJ75CA
10.8x8.6x3.3mm
Page 91

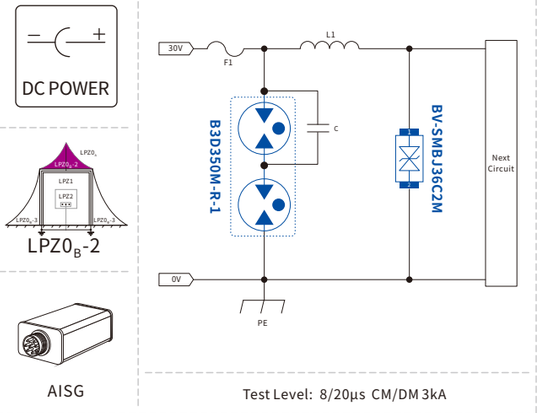
DC 48V IN CAR



Test Level: ISO21780 Test-03 70V 40ms

BV-5SMDJ64CAQ
8.3x6.2x3.0mm
Page 89

DC 30V

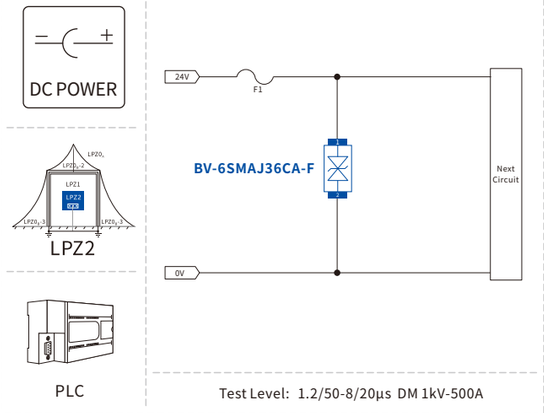


Test Level: 8/20μs CM/DM 3kA

B3D350M-R-1
7.8x5.0x5.0mm
Page 48

BV-SMBJ36C2M
5.7x3.9x2.6mm
Page 80

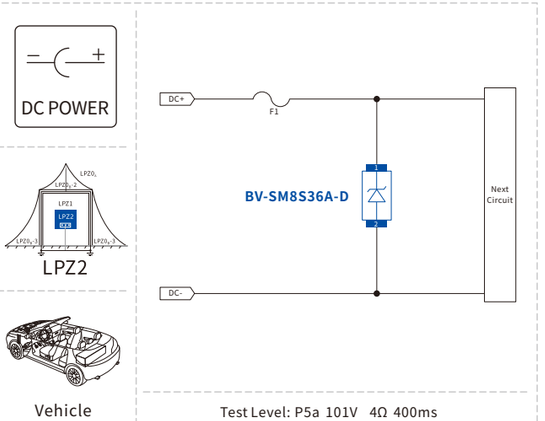
DC 24V



Test Level: 1.2/50-8/20μs DM 1kV-500A

BV-6SMAJ36CA-F
5.0x2.8x1.3mm
Page 76

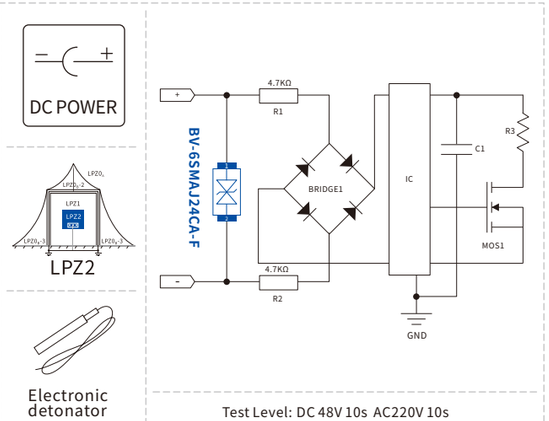
DC 24V IN CAR



Test Level: P5a 101V 4Ω 400ms

BV-SM8S36A-D
16.0x10.5x5.4mm
Page 91

DC 24V



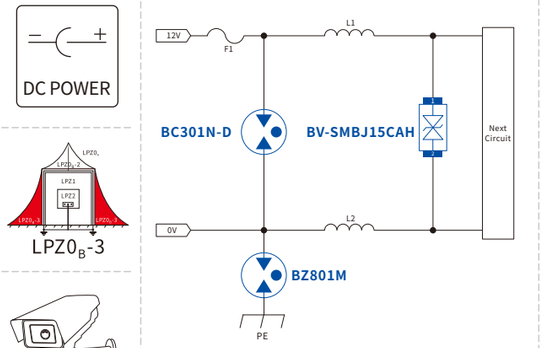
Test Level: DC 48V 10s AC220V 10s

BV-6SMAJ24CA-F
5.0x2.8x1.3mm
Page 76

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

DC 12V



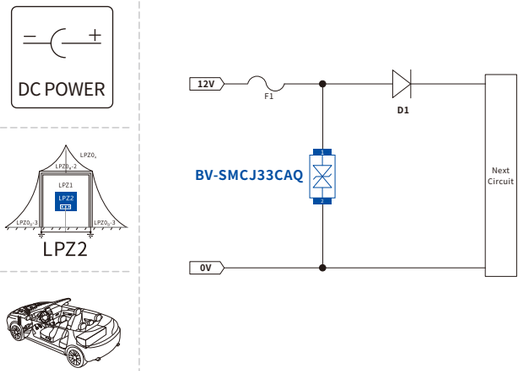
Test Level: 1.2/50-8/20μs CM/DM 4kV-2kA Hipot DC 500V

BC301N-D
4.5x3.2x2.7mm
Page 42

BV-SMBJ15CAH
5.7x3.9x2.6mm
Page 80

BZ801M
3.2x2.5x2.5mm
Page 41

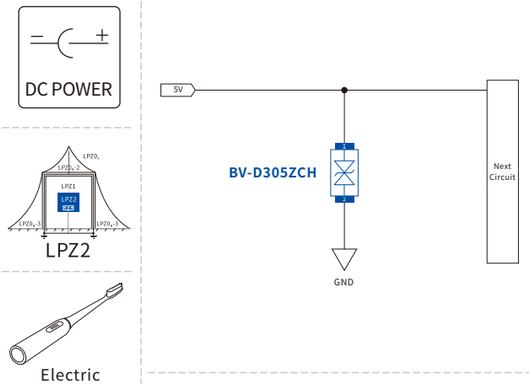
DC 12V IN CAR



Test Level: P5b 35V 0.5Ω 400ms

BV-SMCJ33CAQ
8.3x6.2x3.0mm
Page 83

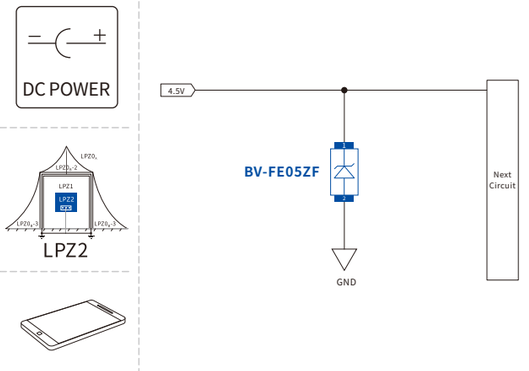
DC 5V



Test Level: Contact8kV Air15kV

BV-D305ZCH
2.6x1.3x1.2mm
Page 96

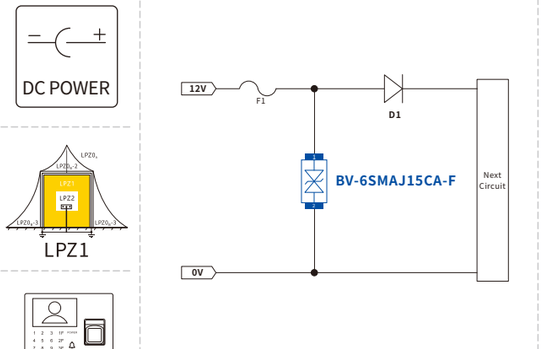
DC 4.5V



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

BV-FE05ZF
1.6x1.0x0.5mm
Page 94

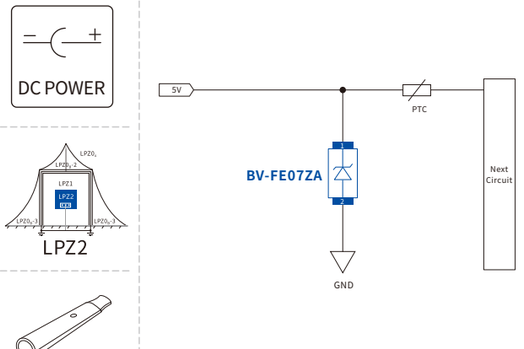
DC 12V



Test Level: 1.2/50-8/20μs CM 500V-41A

BV-6SMAJ15CA-F
5.0x2.8x1.3mm
Page 76

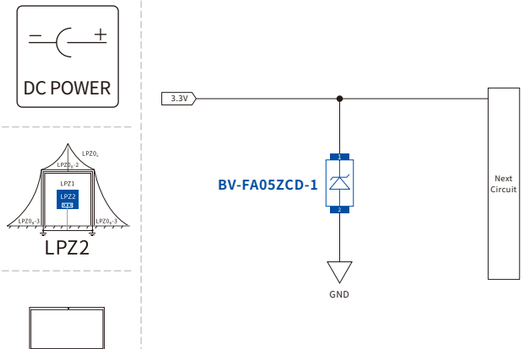
DC 5V



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

BV-FE07ZA
1.6x1.0x0.5mm
Page 94

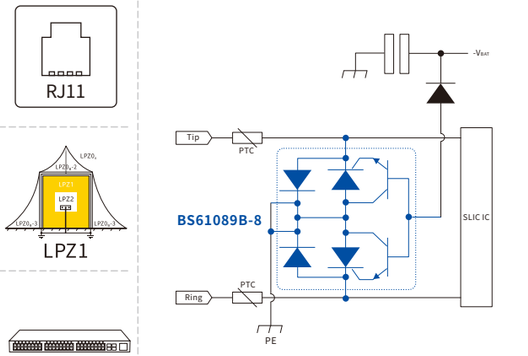
DC 3.3V



Test Level: Contact8kV Air15kV

BV-FA05ZCD-1
1.0x0.6x0.5mm
Page 93

RJ11 SLIC



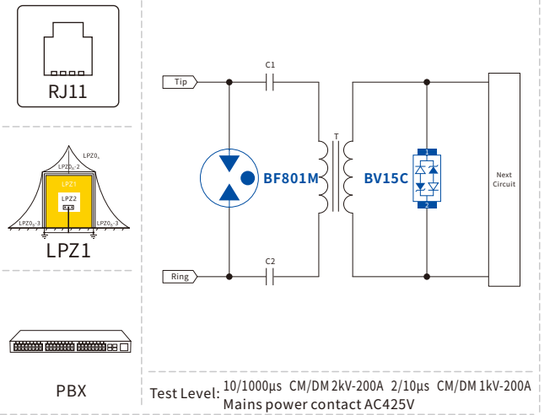
Test Level: 10/700μs-5/320μs CM/DM 4kV-100A
Mains power contact AC230V

BS61089B-8
4.9x6.0x1.7mm
Page 99

应用方案 / Ports Circuit Design

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.

RJ11 G.Fast

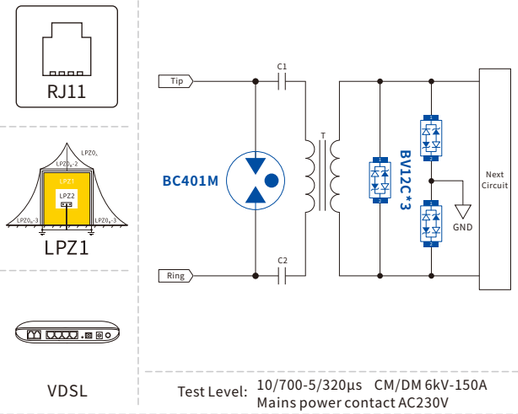


Test Level: 10/1000μs CM/DM 2kV-200A 2/10μs CM/DM 1kV-200A
Mains power contact AC425V

BF801M
5.0x5.0x4.2mm
Page 43

BV15C
2.6x1.3x1.2mm
Page 96

RJ11 xDSL

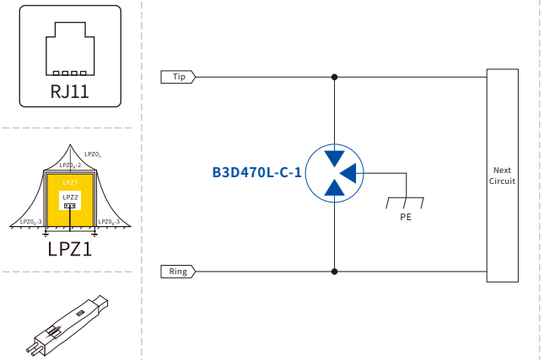


Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

BC401M
4.5x3.2x2.7mm
Page 42

BV12C*3
2.6x1.3x1.2mm
Page 96

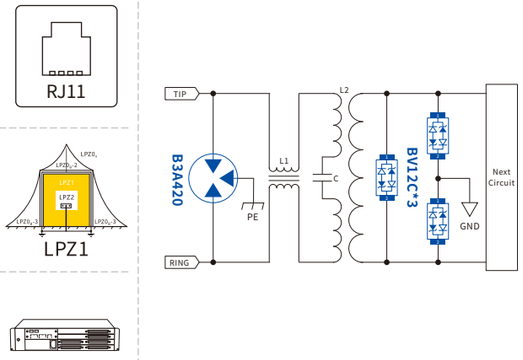
RJ11



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

B3D470L-C-1
7.3x5.0x5.7mm
Page 48

RJ11

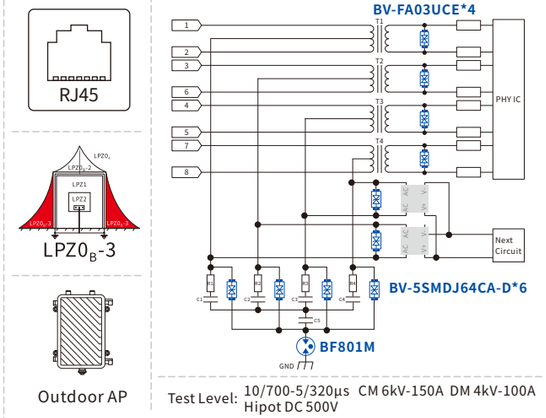


Test Level: 10/700-5/320μs CM/DM 6kV-150A
Mains power contact AC230V

B3A420
4.2x2.7x3.9mm
Page 47

BV12C*3
2.6x1.3x1.2mm
Page 96

RJ45



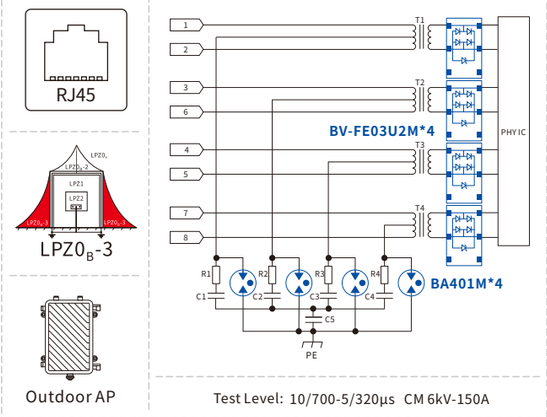
Test Level: 10/700-5/320μs CM 6kV-150A DM 4kV-100A
Hipot DC 500V

BV-FA03UCE*4
1.0x0.6x0.5mm
Page 92

BV-5SMDJ64CA-D*6
8.3x6.2x3.0mm
Page 90

BF801M
5.0x5.0x4.2mm
Page 43

RJ45 10G

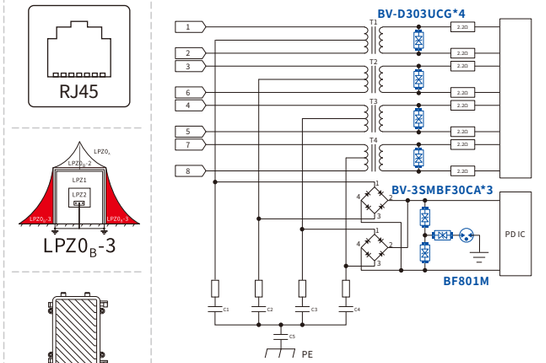


Test Level: 10/700-5/320μs CM 6kV-150A

BV-FE03U2M*4
1.6x1.0x0.5mm
Page 94

BA401M*4
4.5x3.2x2.7mm
Page 42

RJ45 NEW



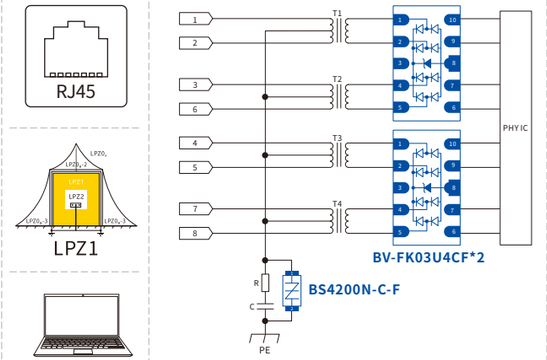
Test Level: CM 1.2/50-8/20μs 6kV 42Ω &10/700-5/320μs 6kV 40Ω
DM 1.2/50-8/20μs 2.5kV 10Ω &10/700-5/320μs 1.5kV 40Ω

BV-D303UCG
2.6x1.3x1.2mm
Page 95

BV-3SMBF30CA*3
6.0x4.7x3.0mm
Page 81

BF801M
5.0x5.0x4.2mm
Page 43

RJ45



Test Level: 10/700-5/320μs CM 6kV 40Ω

BV-FK03U4CF*2
2.5x1.0x0.5mm
Page 95

BS4200N-C-F
5.7x3.6x2.7mm
Page 72

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
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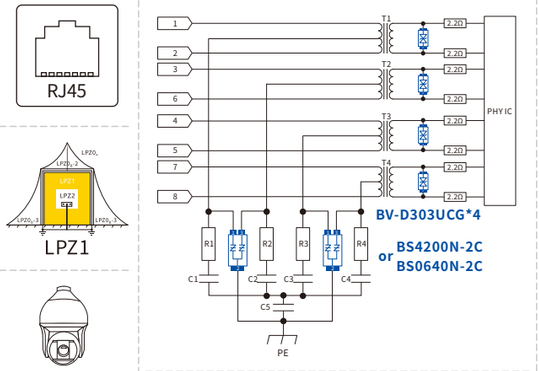
RJ45-1G

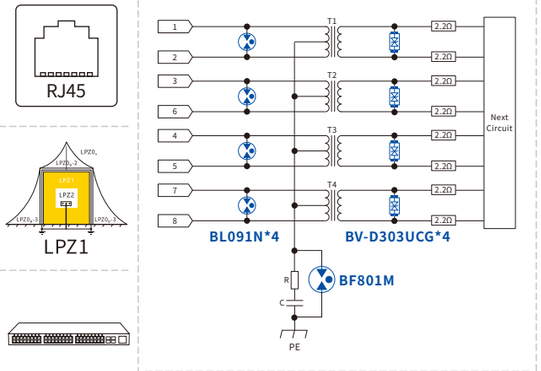


Test Level: 10/700-5/320μs CM 6kV-330A DM 2kV

BV-D303UCG
2.6x1.3x1.2mm
Page 95

BS4200N-2C/BS0640N-2C
5.7x3.6x2.3mm
Page 72

RJ45-1G



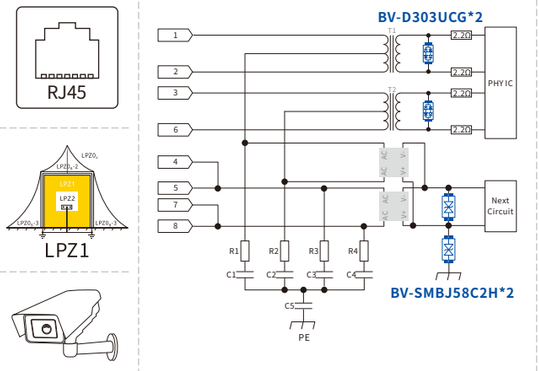
Test Level: 10/700-5/320μs CM/DM 6kV-150A
Hi-pot DC500V

BL091N*4
2.9x2.1x1.9mm
Page 41

BF801M
5.0x5.0x4.2mm
Page 43

BV-D303UCG*4
2.6x1.3x1.2mm
Page 95

RJ45- 100M PD

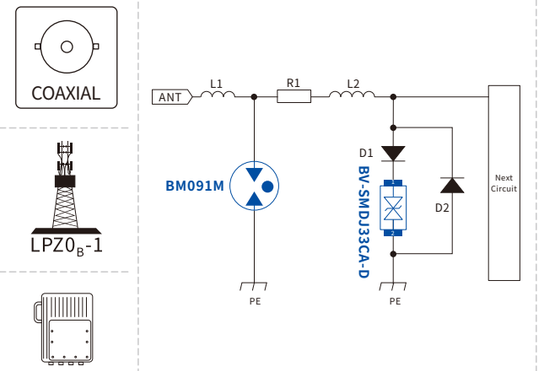


Test Level: 10/700-5/320μs CM/DM 4kV-100A

BV-D303UCG*2
2.6x1.3x1.2mm
Page 95

BV-SMBJ58C2H*2
5.7x3.9x2.6mm
Page 80

Coaxial

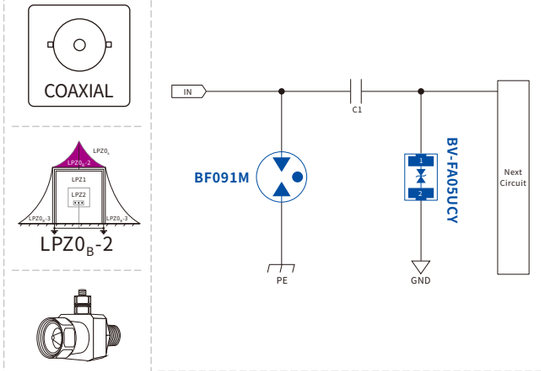


Test Level: 8/20μs CM 10kA

BM091M
8.3x8.3x6.0mm
Page 43

BV-SMDJ33CA-D
8.3x6.2x3.0mm
Page 87

Coaxial

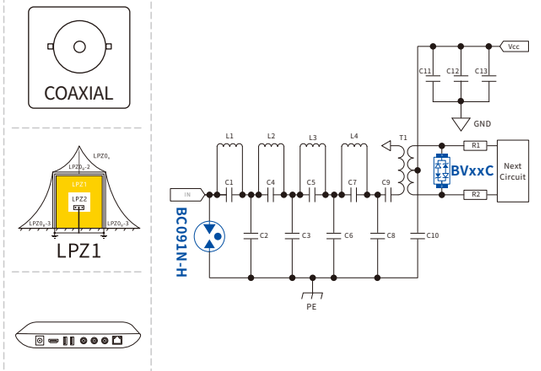


Test Level: 8/20μs CM 5kA

BF091M
5.0x5.0x4.2mm
Page 43

BV-FA05UCY
1.0x0.6x0.5mm
Page 93

Coaxial

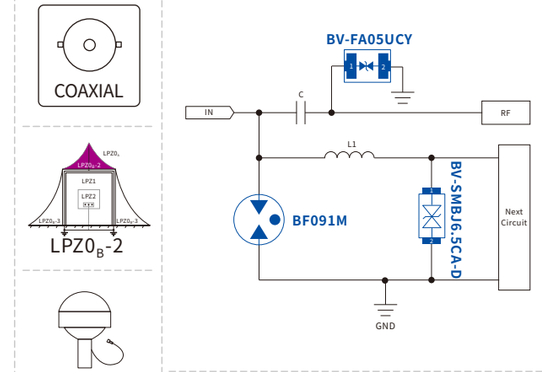


Test Level: 1.2/50 -8/20μs CM 6kV-3kA

BC091N-H
4.5x3.2x2.7mm
Page 42

BVxxC
2.6x1.3x1.2mm
Page 96

Coaxial



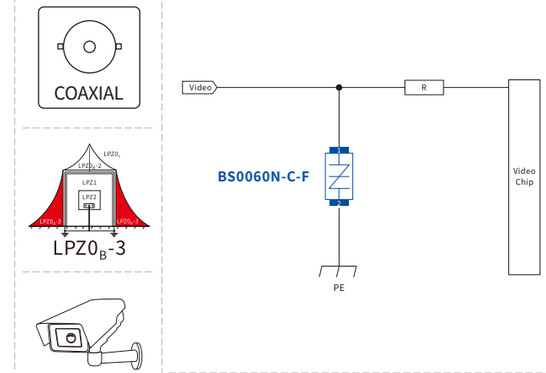
Test Level: 8/20μs CM 5kA

BV-FA05UCY
1.0x0.6x0.5mm
Page 93

BF091M
5.0x5.0x4.2mm
Page 43

BV-SMBJ6.5CA-D
5.7x3.9x2.6mm
Page 78

HD-Analog



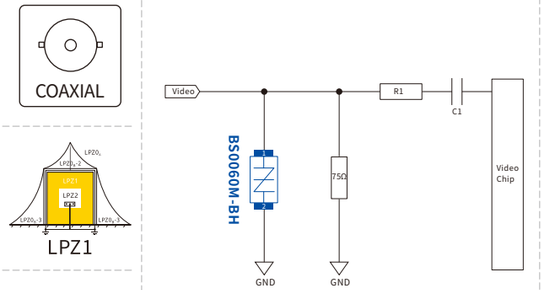
Test Level: 10/700μs-5/320μs CM 6kV-150A

BS0060N-C-F
5.7x3.6x2.3mm
Page 72

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
Statement: This solution is only for reference, the final solution will be based on the actual test results. Shenzhen Bencent Electronics Co.,Ltd reserves the right of final explanation.

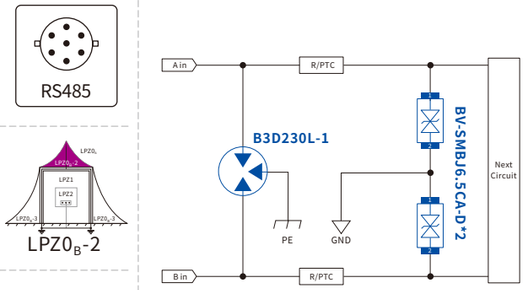
HD-Analog



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

BS0060M-BH
5.3x3.0x2.5mm
Page 71

RS485

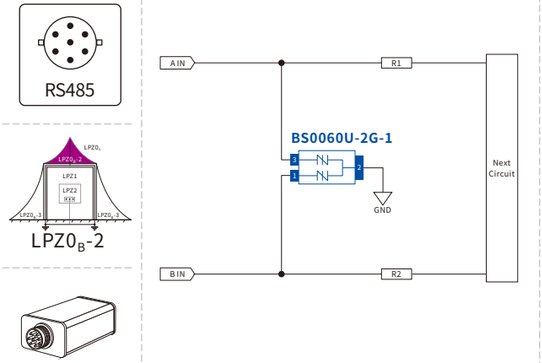


Test Level: 8/20μs CM/DM 5kA

B3D230L-1
7.6x5.0x5.0mm
Page 48

BV-SMBJ6.5CA-D*2
5.7x3.9x2.6mm
Page 78

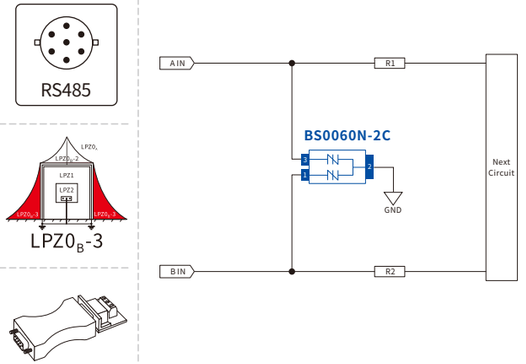
RS485



Test Level: 8/20μs CM/DM 3kA

BS0060U-2G-1
8.3x6.2x2.2mm
Page 72

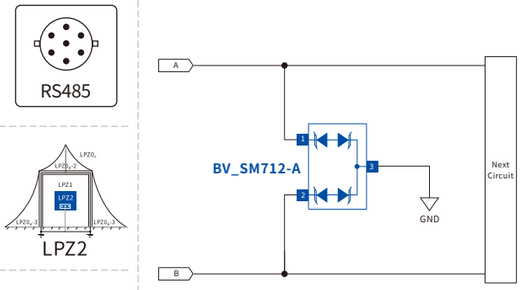
RS485



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

BS0060N-2C
5.7x3.6x2.3mm
Page 72

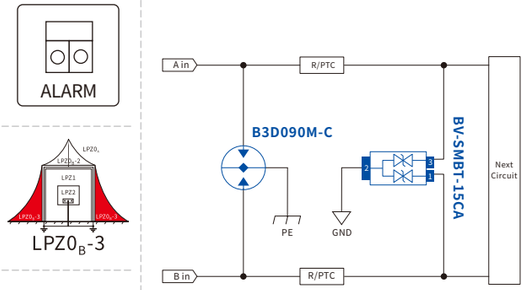
RS485



Test Level: Contact8kV Air 15kV

BV_SM712-A
2.9x2.4x1.0mm
Page 98

ALARM

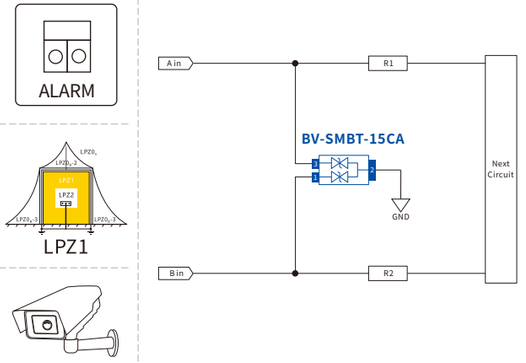


Test Level: 8/20μs CM/DM 3kA

B3D090M-C
7.8x5.0x6.0mm
Page 48

BV-SMBT-15CA
5.7x3.6x2.3mm
Page 82

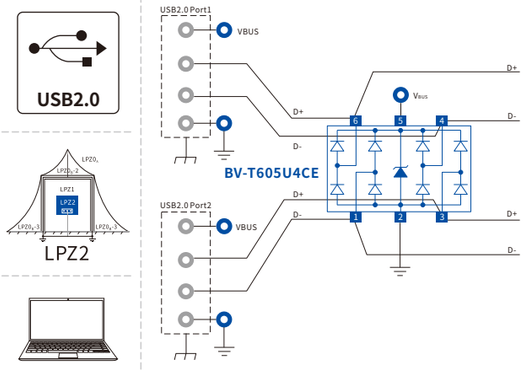
ALARM



Test Level: 1.2/50-8/20μs CM 1kV-500A

BV-SMBT-15CA
5.7x3.6x2.3mm
Page 82

USB2.0 2in1



Test Level: Contact 8kV Air 15kV

BV-T605U4CE
2.9x2.9x1.1mm
Page 99

应用方案 / Ports Circuit Design

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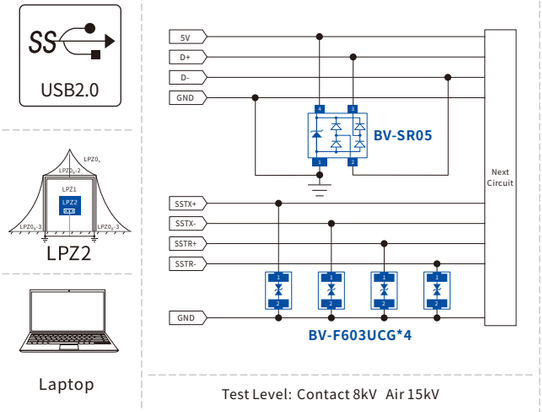
USB3.0

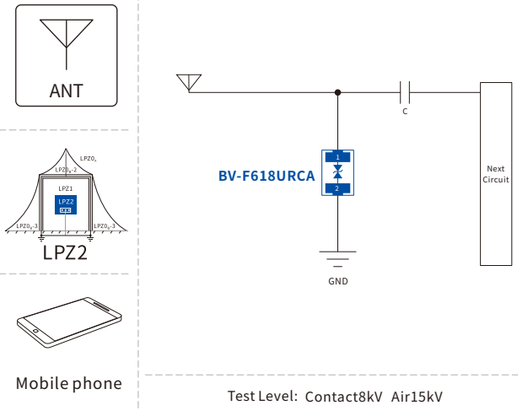


Test Level: Contact 8kV Air 15kV

BV-SR05
2.9x2.4x1.0mm
Page 98

BV-F603UCG*4
0.6x0.3x0.3mm
Page 92

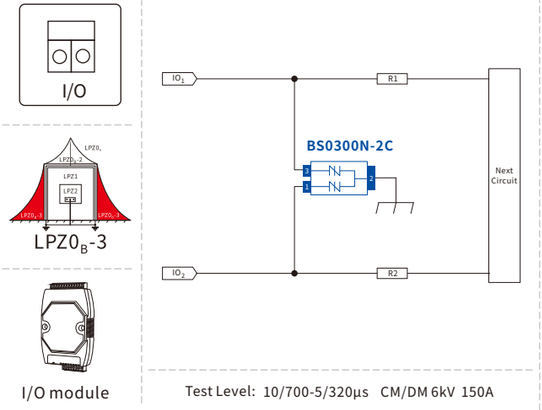
RF PORT NEW



Test Level: Contact8kV Air15kV

BV-F618URCA
0.6x0.3x0.3mm
Page 92

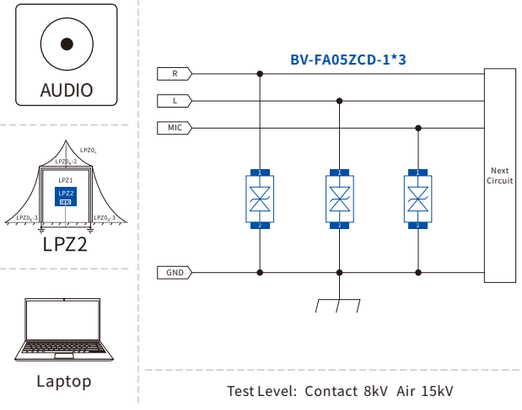
IO



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

BS0300N-2C
5.7x3.6x2.3mm
Page 72

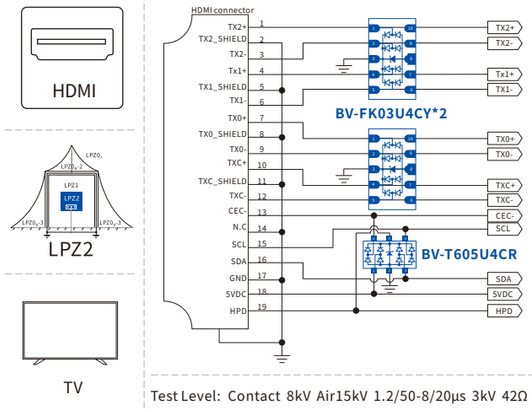
AUDIO



Test Level: Contact 8kV Air 15kV

BV-FA05ZCD-1*3
1.0x0.6x0.5mm
Page 93

HDMI

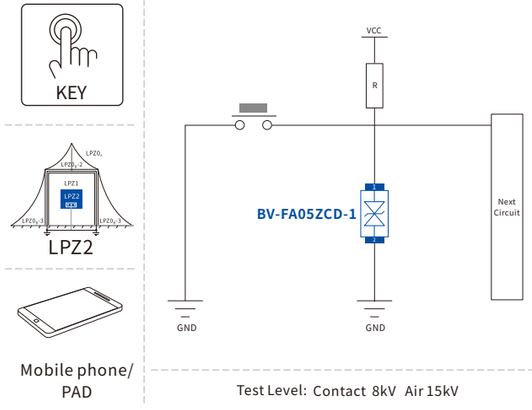


Test Level: Contact 8kV Air15kV 1.2/50-8/20μs 3kV 42Ω

BV-FK03U4CY*2
2.5x1.0x0.5mm
Page 95

BV-T605U4CR
2.9x2.9x1.1mm
Page 99

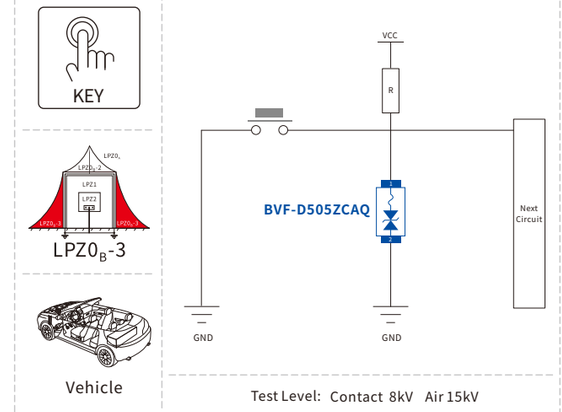
KEY



Test Level: Contact 8kV Air 15kV

BV-FA05ZCD-1
1.0x0.6x0.5mm
Page 93

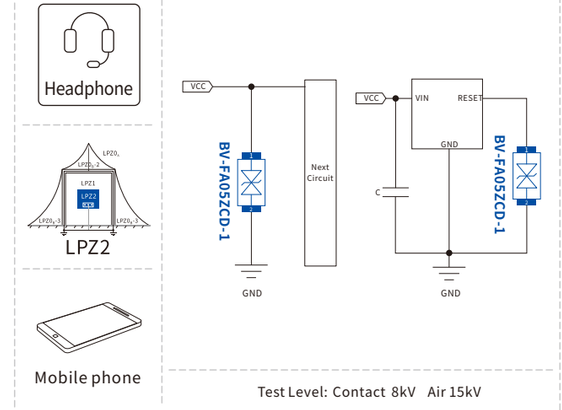
KEY



Test Level: Contact 8kV Air 15kV

BVF-D505ZCAQ
1.6x0.8x0.6mm
Page 97

Speaker Headphone and Reset



Test Level: Contact 8kV Air 15kV

BV-FA05ZCD-1
1.0x0.6x0.5mm
Page 93

应用方案 / Ports Circuit Design

Notes: CM=Common Mode / DM=Differential Mode
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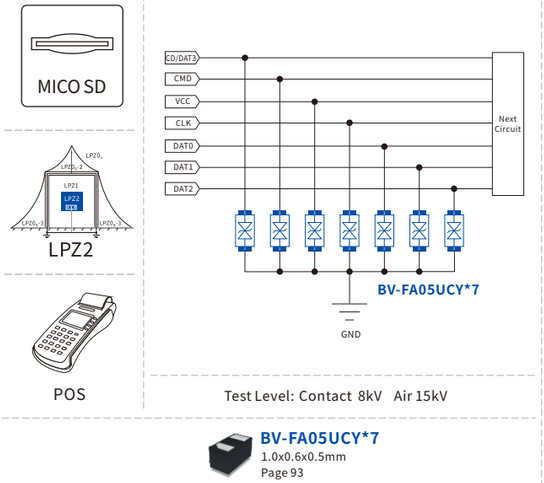
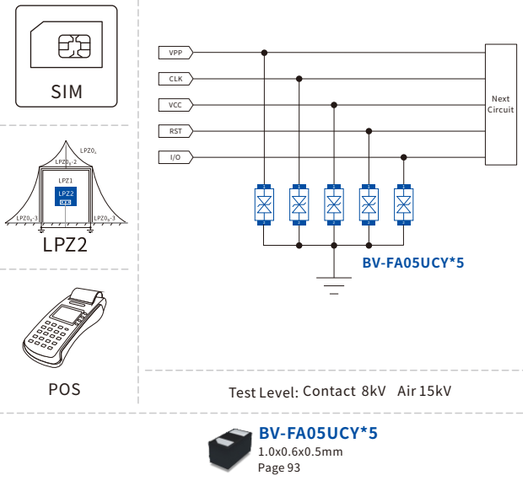
SD



Test Level: Contact 8kV Air 15kV

BV-FA05UCY*7
1.0x0.6x0.5mm
Page 93

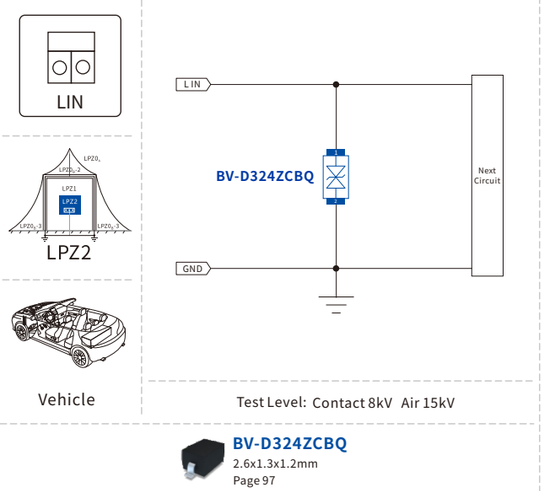
SIM



Test Level: Contact 8kV Air 15kV

BV-FA05UCY*5
1.0x0.6x0.5mm
Page 93

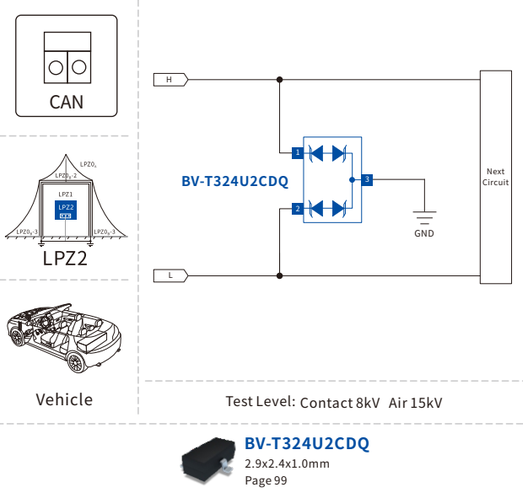
LIN BUS



Test Level: Contact 8kV Air 15kV

BV-D324ZCBQ
2.6x1.3x1.2mm
Page 97

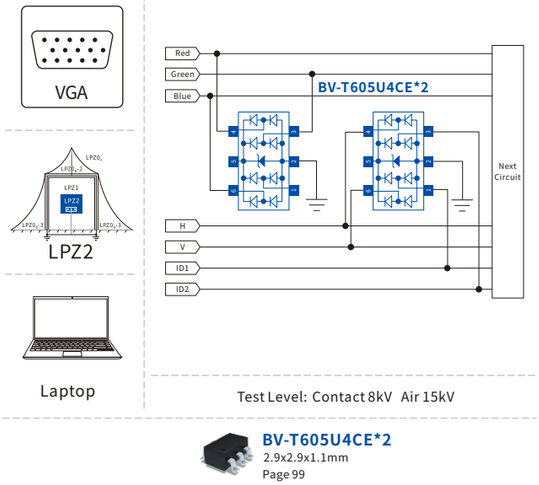
CAN-XL



Test Level: Contact 8kV Air 15kV

BV-T324U2CDQ
2.9x2.4x1.0mm
Page 99

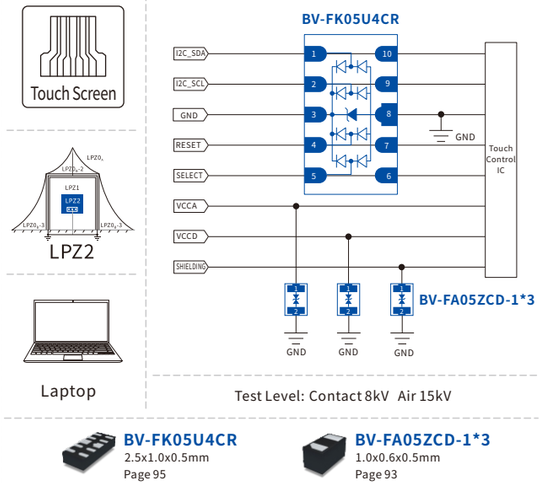
VGA



Test Level: Contact 8kV Air 15kV

BV-T605U4CE*2
2.9x2.9x1.1mm
Page 99

Touch Screen

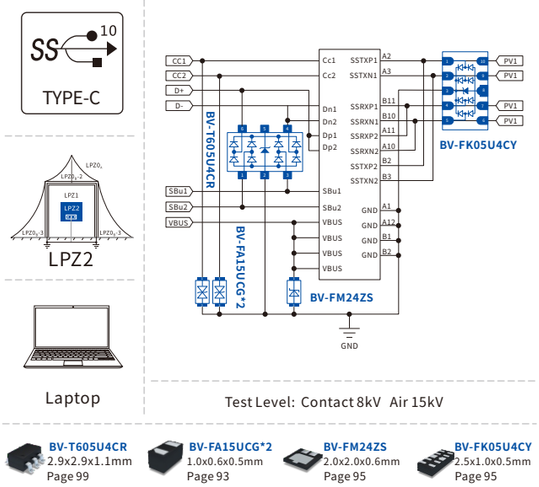


Test Level: Contact 8kV Air 15kV

BV-FK05U4CR
2.5x1.0x0.5mm
Page 95

BV-FA05ZCD-1*3
1.0x0.6x0.5mm
Page 93

TYPE-C



Test Level: Contact 8kV Air 15kV

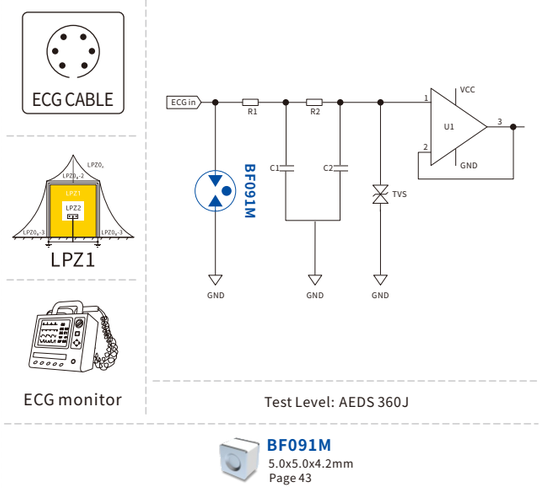
BV-T605U4CR
2.9x2.9x1.1mm
Page 99

BV-FA15UCG*2
1.0x0.6x0.5mm
Page 93

BV-FM24ZS
2.0x2.0x0.6mm
Page 95

BV-FK05U4CY
2.5x1.0x0.5mm
Page 95

ECG Cable



Test Level: AEDS 360J

BF091M
5.0x5.0x4.2mm
Page 43

Notes: CM=Common Mode / DM=Differential Mode
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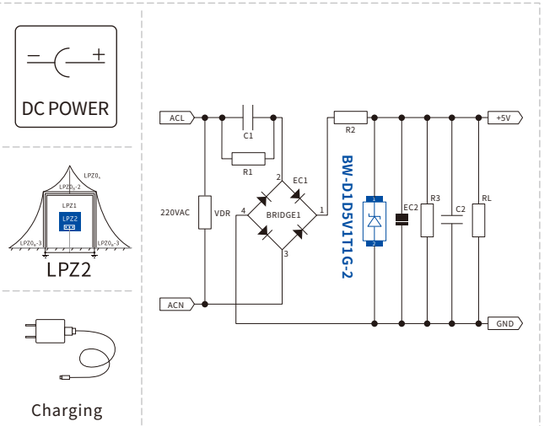
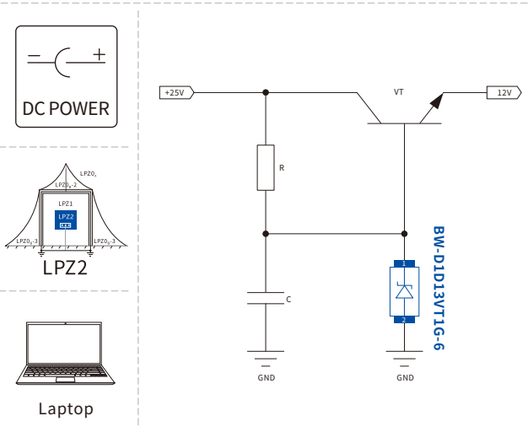
AC to DC



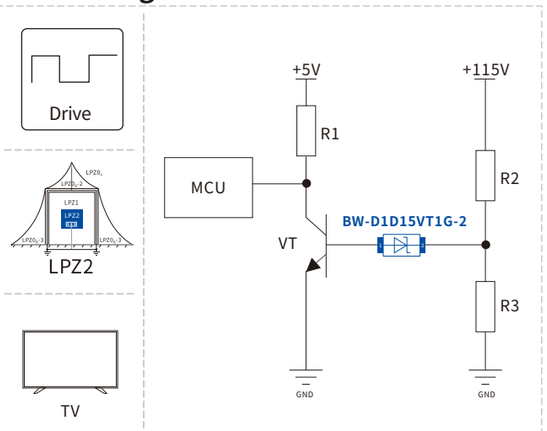
BW-D1D5V1T1G-2
3.7x1.5x1.3mm
Page 100

DC to DC



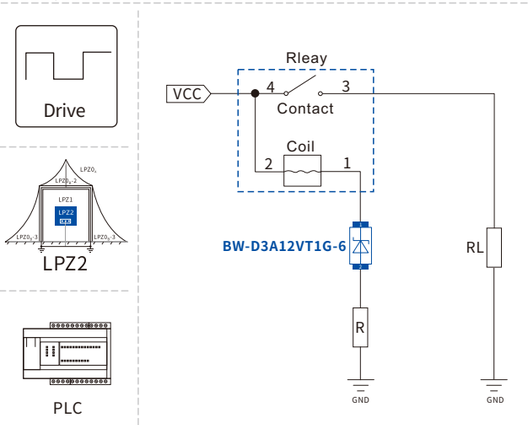
BW-D1D13VT1G-6
3.7x1.5x1.3mm
Page 101

Overvoltage Control



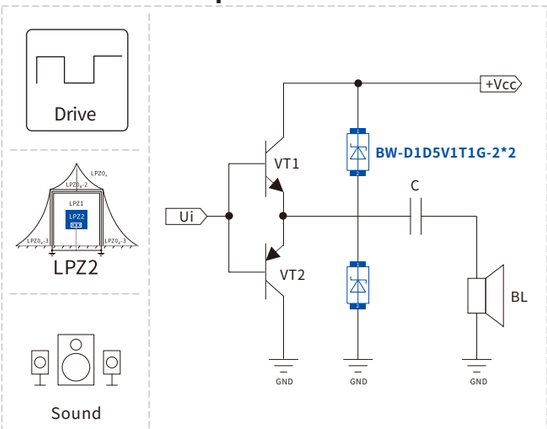
BW-D1D15VT1G-2
3.7x1.5x1.3mm
Page 100

Rleay Coil Control



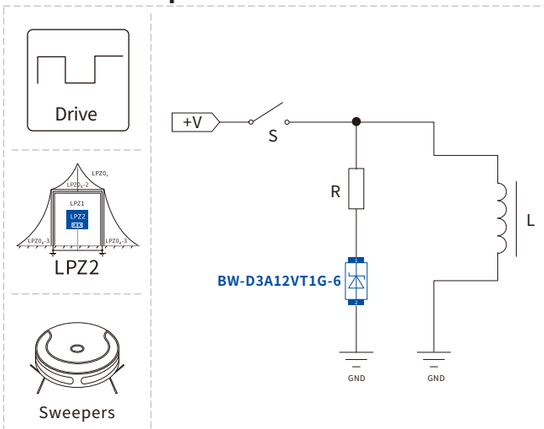
BW-D3A12VT1G-6
2.5x1.3x1.2mm
Page 106

Horn Overload protection



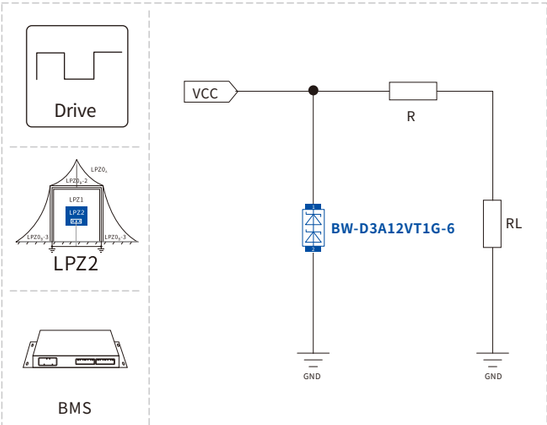
BW-D1D5V1T1G-2*2
3.7x1.5x1.3mm
Page 100

CEMF Absorption circuit



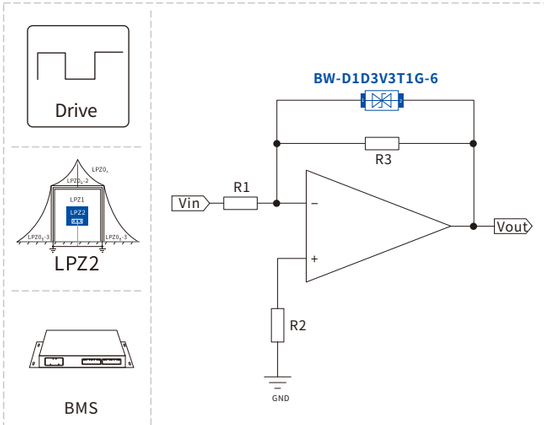
BW-D3A12VT1G-6
2.5x1.3x1.2mm
Page 106

Temperature Compensation circuit

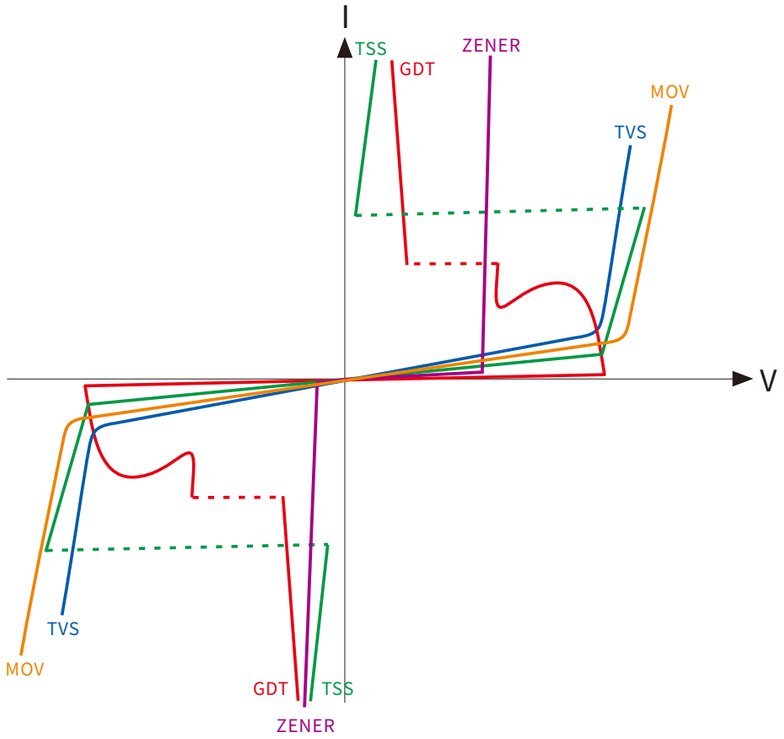


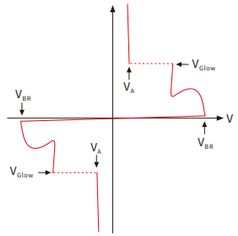
BW-D3A12VT1G-6
2.5x1.3x1.2mm
Page 106

Limit Circuit

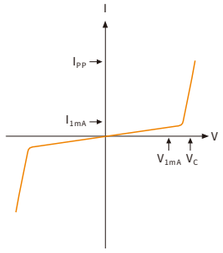


BW-D1D3V3T1G-6
3.7x1.5x1.3mm
Page 101

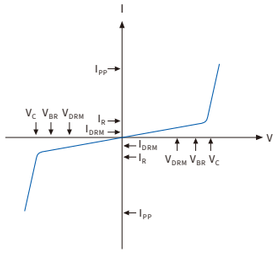




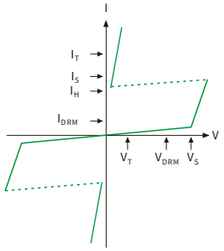
GDT



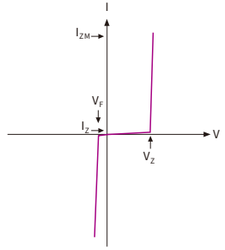
MOV



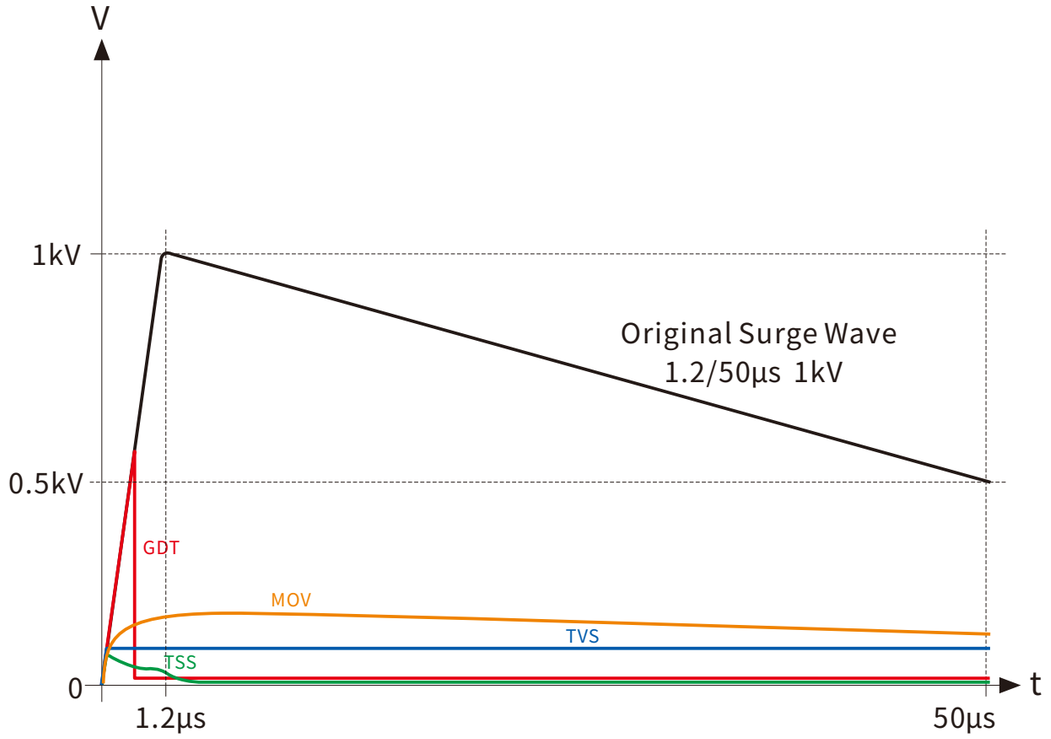
TVS

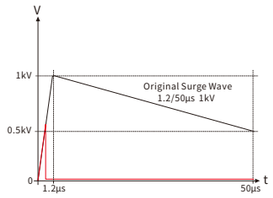


TSS

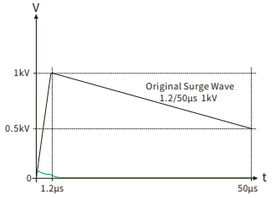


Zener

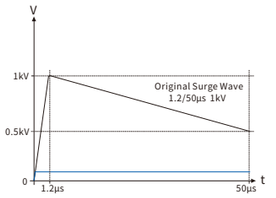




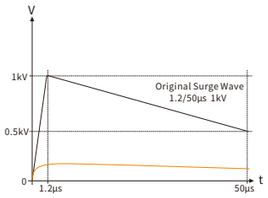
GDT
V_{DRM}=90V



TSS
V_{DRM}=58V



TVS
V_{DRM}=58V



MOV
V_{DRM}=82V

陶瓷气体放电管/GDT

□尺寸(mm) ○电压范围 △通流能力

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

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

BZ
□ 3.2x2.5x2.5
○ 90V~800V
△ 1kA@8/20μs

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

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

BN
□ 5.5x4.2x4.2
○ 75V~3600V
△ 3kA~5kA@8/20μs

BF
□ 4.2x5.0x5.0
○ 150-1200V
△ 5kA@8/20μs

BJ
□ 5.0x5.4x5.4
○ 90V
△ 5kA~10kA@8/20μs

B3Q
□ 6.8x3.5x3.5
○ 90V~420V
△ 2kA~6kA@8/20μs

B3D
□ 7.8x5.0x6.0
○ 75V~650V
△ 5kA~10kA@8/20μs

BXD
□ 8.8x5.5x8.5
○ 3000V
△ 3kA@8/20μs

BE-MTW
□ 10.5x8.0x2.3
○ 90V~600V
△ 10kA@8/20μs

BM
□ 6.0x8.3x8.3
○ 90V~3600V
△ 5kA~20kA@8/20μs

B3R
□ Φ8.0x10.0
○ 90-500V
△ 5kA~10kA@8/20μs

BGO-LB2
□ Φ5.5x6.0
○ 600V
△ 3kA~5kA@8/20μs

BGO-LC2
□ Φ8.0x7.0
○ 600V~1000V
△ 5kA~10kA@8/20μs

B5G
□ Φ5.5x6.0
○ 70V~3600V
△ 3kA~5kA@8/20μs

B8G
□ Φ8.0x6.0
○ 90V~4000V
△ 5kA~20kA@8/20μs

BD
□ 16.5x8.3x9.5
○ 1200V
△ 20kA@8/20μs

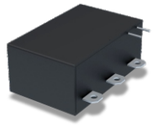
浪涌保护器/SPD

○最大持续运行电压Uc □尺寸(mm) △标称放电电流 ☆电压保护水平

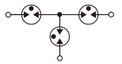
BSPD277D0*LF-02
○ **AC 277V**
□ 34.2x14.3x30.3
△ 6kV~15kV
☆ 1.5kV

BSPD277D05LF-01
○ **AC 277V**
□ 69.4x34x21
△ 6kV~15kV
☆ 1.5kV

BSPD220C20P-1
○ **L-N/L-PE/N-PE: AC 250V**
□ 41.0x30.5x32.3
△ 10kA
☆ L/N—PE 1.5kV



BSPD230C20PF-02
□ **L-N/L-PE/N-PE: AC320V**
○ 38.8x16.7x24.0
△ 20kA
☆ L-PE/N-PE/L-N: 2.5kV



BSPD230C20PF-04
□ **L-N/L-PE/N-PE: AC 320V**
○ 40.8x38.0x18.8
△ 20kA
☆ L-PE/N-PE/L-N:2.0kV

压敏复合气体管/BMG

□尺寸(mm) ○电压范围 △通流能力

BMG7D
□ Φ9.5x10x10
○ AC 55V~560V
△ 1kA@8/20μs

BMG10D
□ Φ13x15x10
○ AC 55V~560V
△ 2kA@8/20μs

BMG14D
□ Φ17.5x20x10
○ AC 55V~560V
△ 3kA@8/20μs

BMG20D
□ Φ23x25x10
○ AC 55V~560V
△ 5kA@8/20μs

压敏电阻/MOV

□尺寸(mm) ○电压范围 △通流能力

BMOV-7D
□ Φ10x9
○ 18V~820V
△ 0.25kA~1.75kA@8/20μs

BMOV-10D
□ Φ14x9.8
○ 18V~1100V
△ 0.5kA~3.5kA@8/20μs

BMOV-14D
□ Φ18x13.5
○ 18V~1800V
△ 1kA~5kA@8/20μs ±15T

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

非半导体类器件命名规则 / Naming Rules for Non-Semiconductor Components

GDT

贴片型

B S 151 N/M

1 2 3 4

插件/三极型

B 5G 600 L/M

1 2 3 4

1. Bencent槟城标志
2. 封装类型（具体型号见右表）
3. 直流击穿电压：
   ▶贴片型GDT：151=15 x 10^1 = 150V
   ▶插件/三极GDT：600=600V ±20%
4. 贴片型GDT：
   ▶电压公差范围：N = ±30%；M = ±20%

   插件/三极GDT：
   ▶通流能力：L = 5kA；M = 10kA

1. Bencent
2. Package Type (Refer to table on right for specific part numbers)
3. DC Breakdown Voltage：
   ▶SMD Gas Discharge Tube: 151=15 x 10^1 = 150V
   ▶Through-hole / 3-electrode GDT: 600=600V ±20%
4. SMD Gas Discharge Tube：
   ▶Voltage Tolerance Range: N = ±30%; M = ±20%

   Through-hole / 3-electrode GDT：
   ▶Withstand Current: L = 5kA ; M = 10kA

S	3.2*1.6*1.6 mm	J	5.5*5.5*5 mm
G	2.9*2.1*1.9 mm	M	8.3*8.3*6 mm
L	2.9*2.1*1.9 mm	5G	φ5.5*6 mm
Z	3.2*2.5*2.5 mm	8G	φ8*6 mm
A	3.2*2.5*2.5 mm	3D	7.8*5*6 mm
C	4.5*3.2*2.7 mm	UB	φ16 mm
X	4.2*3.5*3.5 mm	UF	φ30 mm
N	5.5*4*4 mm	GO	φ8*7 mm
F	4.2*5*5 mm	3R	φ8*10 mm

BXD

BXD 3000 S A03 M 03

1 2 3 4 5 6

1. Bencent BXD系列
2. 直流击穿电压：3000=3000V
3. 封装类型：S=SMD
4. 通流能力：两位字数代表浪涌等级--A03表示3kA
5. 电压公差：M = ±20%；K=10%
6. 后缀：表示此类产品的特殊结构或客户的特殊要求

1. Bencent BXD Series
2. DC Spark-over Voltage: 3000V
3. Package Type: 3000V
4. Current capacity: Code stands for surge rating; A03=3kA
5. Tolerance Code: K=±10%, M=±20%
6. Suffix: Special structure or customer-specific specifications.

BSPD

BSPD 220 C 20 P D -1

1 2 3 4 5 6 7

1. Bencent SPD系列
2. 额定工作电压：220代表220VAC
3. 防护等级：B代表Ⅰ类；C代表Ⅱ类；D代表Ⅲ类
4. 额定通流容量：40代表40kA；20代表20 kA；10代表10 kA；05代表5kA
5. 产品类型：P代表板载，M代表可拔插模块，L代表路灯
6. 保护模式：D 差模；F全模保护；C共模；E不对称全模
7. 后缀：产品扩展位

1. Bencent SPD Series
2. Rated Working Voltage: 220 stands for 220VAC
3. Rated Operating Voltage: Code 220 = 220 VAC
4. Rated Discharge Current:40 = 40kA; 20 = 20kA; 10 = 10kA; 05 = 5kA
5. Product Type: P = PCB mounted; M = Pluggable Module; L = For Street Light
6. Protection Mode: D=Differential, C=Common, F=Full Mode, E=Asymmetric Full Mode
7. Suffix: Product extension code

BSPD For PV

BSPD PV 20K - 670 H1 W

1 2 3 4 5 6

1. Bencent SPD系列
2. PV：光伏组件
3. 通流容量：20K：最大放电电流
4. 最大连续工作电压：670：光伏应用Ucpv670V
5. 标识：L:带防爆的压敏；H1:(GDT+MOV)平台≤1.8kV；H1A:(GDT+MOV)平台≤1.5kV
6. 后缀：W:开窗；F:pin宽4mm

1. Bencent SPD Series
2. PV: For photovoltaic module
3. Surge Rating:20K=Max. Discharge Current
4. Max. Cont. V: 670 = 670V Ucpv for PV
5. Code:L=Explosion-proof MOVH1=GDT+MOV, Vclamp≤1.8kV H1A=GDT+MOV, Vclamp≤1.5kV
6. Suffix:W=Window type;F=4mm pin pitch/width

BMOV

BMOV 07 D 681 K S C H 01

1 2 3 4 5 6 7 8 9

1. Bencent MOV系列
2. 元件直径：07=φ7mm；10=φ10mm；14=φ14mm；20=φ20mm
3. 类型：D=Disk (圆形)
4. 压敏电压：681 = 68 x 10^1 = 680V
5. 电压公差：K = ±10% ; L=±15%; M = ±20%
6. 引线类型：S=直引线；F=F扭结引线；O=外弯；Y=高低脚；P=塑壳防爆型；C:陶瓷壳防爆型压敏；B=外弯，套管；A=金属板防爆压敏
7. 包装：C=Bulk(散装)；T=Tape&Box(编带盒装)；R=Tape&Reel(编带卷装)；P=PETBOX(塑料盒装)...
8. 客户指定浪涌温度等级：空白=普通105°C；H=高能105°C；Z=(组合波多次产品)105°C；A=普通125°C；B=高能(高焦耳)125°C；C=(组合波多次产品)125°C....
9. 客户其他特殊要求字母或数字代码：35=默认剪角型引脚长度3.5±0.5mm ....

1. Bencent MOV Series
2. Diameter:07=φ7mm,10=φ10mm,14=φ14mm,20=φ20mm
3. Type:D=Disk
4. Varistor Voltage: 681 = 68 x 10^1 = 680V
5. Tolerance: K=±10%, L=±15%, M=±20%
6. Lead Type:S=Straight;F=Twisted;O=Outer bent;Y=Uneven legP=Plastic explosion-proof; C=Ceramic explosion-proofB=Bent with sleeve;A=Metal plate explosion-proof
7. Packaging:C=Bulk;T=Tape&Box;R=Tape&Reel;P=PETBOX
8. Temp Grade:Blank=Std 105°C; H=High-Energy 105°C; Z=Multi-shot combo 105°CA=Std 125°C; B=High-Joule 125°C; C=Multi-shot combo 125°C
9. Special Code:35=Trimmed corner pin, 3.5±0.5mm

BMG

BMG 07 D 471 K 601 Y 01

1 2 3 4 5 6 7 8

1. Bencent BMG系列
2. 元件直径：07=φ7mm；10=φ10mm；14=φ14mm；20=φ20mm
3. 类型：D=Disk (圆形)
4. 压敏电压：471 = 47 x 10^1 = 470V
5. 电压公差范围：K = ±10%　M = ±20%
6. GDT电压：601 = 60 x 10^1 = 600V
7. 引线类型：Y=直引线；F=F扭结引线；O=外部压接引线
8. 内部代码后缀：01~99 (无后缀为标准型)

1. Bencent BMG Series
2. Diameter:07=φ7mm, 10=φ10mm, 14=φ14mm, 20=φ20mm
3. Type:D=Disk
4. Varistor Voltage: 471 = 47 x 10^1 = 470V
5. Tolerance:K=±10%;M=±20%
6. GDT Breakdown Voltage: 601 = 60 x 10^1 = 600V
7. Lead:Y=Straight;F=Twisted;O=Outer crimp
8. Internal Code:01~99(Blank = Standard)

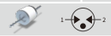
产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
BS 尺寸/Size: 3.2x1.6x1.6mm									
BS151N	150	120~190	≤700	~10	0.5	≥1	≤0.6	Coaxial	-40~90℃
BS201M	200	160~240	≤850	~10	0.5	≥1	≤0.6	Coaxial	-40~90℃
BS201N	200	140~260	≤850	~10	0.5	≥1	≤0.6	Coaxial	-40~90℃
BS301N	300	210~390	≤950	~10	0.5	≥1	≤0.6	Ethernet	-40~125℃
BS351N	350	245~455	≤950	~10	0.5	≥1	≤0.6	Ethernet	-40~90℃
BS401M	400	320~480	≤1000	~8	0.5	≥1	≤0.6	Ethernet	-40~90℃
BS401N+	400	360~560	≤1000	~8	0.5	≥1	≤0.6	Ethernet	-40~90℃
BS401N-F	400	360~640	≤1050	~8	0.5	≥1	≤0.6	Ethernet	-40~90℃
BS401N-CC	400	400~560	≤1100	~8	0.5	≥1	≤0.6	Ethernet	-40~90℃
BG 尺寸/Size: 2.9x2.1x1.9mm									
BG091N	90	63~117	≤650	~10	1	≥1	≤0.5	RS485/232/422	-40~125℃
BG201N	200	140~260	≤750	~10	1	≥1	≤0.5	AC Power	-40~125℃
BG201M	200	160~240	≤750	~10	1	≥1	≤0.5	AC Power	-40~125℃
BG301N	300	210~390	≤800	~10	1	≥1	≤0.5	AC Power	-40~125℃
BG401N	400	280~520	≤1000	~10	1	≥1	≤0.5	Ethernet	-40~125℃
BG601N	600	420~780	≤1000	~10	1	≥1	≤0.5	AC Power	-40~125℃
BL 尺寸/Size: 2.9x2.1x1.9mm									
BL091N	90	63~117	≤650	~10	1	≥1	≤0.5	Ethernet	-40~125℃
BL151N	150	105~195	≤700	~10	1	≥1	≤0.5	Coaxial	-40~125℃
BL201NH	200	140~260	≤600	~10	1	≥1	≤0.5	AC Power	-40~125℃
BL201N	200	140~260	≤800	~10	1	≥1	≤0.5	AC Power	-40~125℃
BL301N	300	210~390	≤800	~10	1	≥1	≤0.5	AC Power	-40~125℃
BL401N	400	280~520	≤1000	~10	1	≥1	≤0.5	Ethernet	-40~125℃
BZ 尺寸/Size: 3.2x2.5x2.5mm									
BZ091N	90	63~117	≤700	~8	1	≥1	≤0.5	Coaxial/Ethernet	-40~90℃
BZ091M	90	72~108	≤650	~8	1	≥1	≤0.5	Coaxial	-40~90℃
BZ201N	200	140~260	≤800	~10	1	≥1	≤0.5	AC Power	-40~90℃
BZ201M	200	160~240	≤800	~10	1	≥1	≤0.5	AC Power	-40~125℃
BZ301N	300	210~390	≤850	~10	1	≥1	≤0.5	AC Power	-40~90℃
BZ301M	300	240~360	≤850	~10	1	≥1	≤0.5	AC Power	-40~125℃
BZ801M	800	640~960	≤1400	~10	1	≥1	≤1	Ethernet	-40~125℃
BA 尺寸/Size: 4.5x3.2x2.7mm									
BA091M	90	72~108	≤650	~10	1	≥1	≤0.5	Ethernet	-40~125℃
BA091N	90	63~117	≤650	~10	1	≥1	≤0.5	Ethernet	-40~125℃
BA151N	150	105~195	≤750	~8	1	≥1	≤1	Coaxial	-40~90℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
BA 尺寸/Size: 4.5x3.2x2.7mm									
BA151M	150	120~180	≤750	~8	1	≥1	≤1	Coaxial	-40~90℃
BA201N	200	140~260	≤750	~8	1	≥1	≤1	R5485/232/422	-40~105℃
BA301N-D	300	210~390	≤750	~15	1	≥1	≤1	D12V/AC24V	-40~90℃
BA301N	300	210~390	≤800	~8	1	≥1	≤1	R5485/232/422	-40~90℃
BA301M	300	240~360	≤800	~8	1	≥1	≤1	R5485/232/422	-40~90℃
BA351N	350	245~455	≤800	~10	1	≥1	≤1	R5485/232/422	-40~90℃
BA351M	350	280~420	≤800	~10	1	≥1	≤1	R5485/232/422	-40~90℃
BA401M-1	400	315~525	≤1000	~10	1	≥1	≤0.5	xDSL/Ethernet	-40~90℃
BA401M	400	320~480	≤1000	~8	1	≥1	≤0.5	xDSL/Ethernet	-40~90℃
BA401N+	400	340~550	≤1050	~8	1	≥1	≤1	xDSL/Ethernet	-40~125℃
BA401N-CC	400	400~560	≤750	~22	1	≥1	≤0.5	xDSL	-40~125℃
BA601N	600	420~780	≤1200	~15	1	≥1	≤1	Ethernet	-40~90℃
BA801M-2	800	680~960	≤1200	~15	1	≥1	≤1	R5485/232/422	-40~125℃
BC 尺寸/Size: 4.5x3.2x2.7mm									
BC091N-F	90	63~117	≤650	~10	3	≥1	≤0.5	Ethernet	-40~125℃
BC091N-H	90	63-117	≤650	~10	3	≥1	≤0.5	Ethernet	-40~125℃
BC091N	90	63~117	≤650	~8	2	≥1	≤0.5	Coaxial	-40~90℃
BC091M	90	72~108	≤650	~8	2	≥1	≤0.5	Coaxial	-40~90℃
BC151N	150	105~195	≤750	~8	2	≥1	≤1	Coaxial	-40~90℃
BC151M	150	120~180	≤750	~8	2	≥1	≤1	Coaxial	-40~90℃
BC201N	200	140~260	≤800	~8	2	≥1	≤1	Coaxial	-40~90℃
BC201M	200	160~240	≤800	~8	2	≥1	≤1	Coaxial	-40~90℃
BC301N-D	300	210-390	≤650	~15	2	≥1	≤1	D12V/AC24V	-40~90℃
BC301N	300	210-390	≤800	~15	2	≥1	≤1	D12V/AC24V	-40~125℃
BC301M	300	240~360	≤750	~8	2	≥1	≤0.5	Coaxial	-40~90℃
BC351N	350	245~455	≤800	~15	2	≥1	≤1	D12V/AC24V	-40~90℃
BC401M-1	400	320~480	≤950	~15	2	≥1	≤0.5	xDSL	-40~90℃
BC401M-2	400	370~550	≤950	~15	2	≥1	≤0.5	xDSL	-40~90℃
BC401M	400	360~560	≤950	~15	2	≥1	≤1	xDSL	-40~90℃
BC471M	470	376~564	≤950	~15	2	≥1	≤1	D12V/AC24V	-40~125℃
BC601N	600	420~780	≤1200	~15	2	≥1	≤1	Ethernet	-40~90℃
BC601M	600	480~720	≤1200	~15	2	≥1	≤1	Ethernet	-40~125℃
BC601N+	600	480~780	≤1200	~15	2	≥1	≤1	AC Input	-40~125℃
BC102M	1000	800~1200	≤1600	~15	2	≥1	≤1	AC Power	-40~125℃
BX 尺寸/Size: 4.2x3.5x3.5mm									
BX091N	90	63~117	≤650	~10	3	≥1	≤0.6	Coaxial	-40~90℃
BX091M	90	72~108	≤650	~10	3	≥1	≤0.6	Coaxial	-40~90℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
BX 尺寸/Size: 4.2x3.5x3.5mm									
BX151N	150	105~195	≤650	~10	3	≥1	≤0.6	Ethernet	-40~90℃
BX201N	200	140~260	≤750	~10	3	≥1	≤0.6	Coaxial	-40~90℃
BX301N	300	210~390	≤850	~10	3	≥1	≤0.6	Ethernet	-40~90℃
BX301M-1	300	240~360	≤850	~10	3	≥1	≤0.6	Ethernet	-40~90℃
BX401N-D	400	370~560	≤750	~18	3.3	≥1	≤0.6	DSL	-40~90℃
BX601M	600	480~720	≤1200	~18	3	≥1	≤0.6	DSL	-40~125℃
BX601M-1	600	480~720	≤1200	~18	3.3	≥1	≤0.6	DSL	-40~125℃
BX102M-1	1000	800~1200	≤1600	~30	3.3	≥1	≤0.6	DSL	-40~125℃
BN 尺寸/Size: 5.5x4.2x4.2mm									
BN252M-1	2500	2000~3000	≤4000	~35	3	≥1	≤0.6	AC Power	-40~125℃
BN202M-1	2000	1600~2400	≤3000	~30	3	≥1	≤0.6	AC Power	-40~125℃
BN302M-F	3000	2400~3600	≤4500	~35	3	≥1	≤0.6	AC Power	-40~125℃
BN302M-1	3000	2400~3600	≤4500	~35	3	≥1	≤0.6	AC Power	-40~125℃
BN362M-1	3600	2880~4320	≤5000	~35	3	≥1	≤0.6	AC Power	-40~125℃
BF 尺寸/Size: 4.2x5.0x5.0mm									
BF091M	90	72~108	≤600	~8	5	≥1	≤0.8	R5485/232/422	-40~125℃
BF151N	150	105~195	≤420	~10	5	≥1	≤0.8	xDSL,AC Power	-40~90℃
BF151M-1	150	135~195	≤420	~15	5	≥1	≤0.8	xDSL, DC5V/12V	-40~90℃
BF231M	230	184~276	≤700	~8	5	≥1	≤1	R5485/232/422	-40~90℃
BF301M	300	240~360	≤800	~20	5	≥1	≤1	D12V/AC24V	-40~125℃
BF421M	420	336~504	≤750	~16	5	≥1	≤1	Ethernet	-40~90℃
BF471M	470	376~564	≤850	~15	5	≥1	≤0.8	xDSL	-40~90℃
BF601M	600	480~720	≤1200	~8	5	≥1	≤0.8	AC Power	-40~125℃
BF801M	800	640~960	≤1600	~15	3	≥1	≤1	xDSL,AC Power	-40~90℃
BF102M	1000	800~1200	≤1800	~15	5	≥1	≤1	AC Power	-40~125℃
BF122M	1200	960~1440	≤2000	~15	3	≥1	≤1	AC Power	-40~90℃
BJ 尺寸/Size: 5.5x5.5x5.0mm									
BJ091M-1	90	72~108	≤600	~10	10	≥1	≤0.5	DC Power	-40~125℃
BJ091M	90	72~108	≤700	~10	5	≥1	≤1.5	Coaxial	-40~125℃
BM 尺寸/Size: 8.3x8.3x6.0mm									
BM091M-8	90	72~108	≤600	~10	20	≥1	≤1.5	DC Power	-40~125℃
BM091M-2	90	72~108	≤600	~8	20	≥1	≤1.5	DC Power	-40~125℃
BM091M	90	72~108	≤600	~8	20	≥1	≤1.5	DC Power	-40~90℃
BM151M	150	120~180	≤750	~12	20	≥1	≤1.5	DC Power	-40~125℃
BM351M-2	350	280~420	≤800	~15	20	≥1	≤1.5	DC Power	-40~90℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
BM 尺寸/Size: 8.3x8.3x6.0mm									
BM351M-1	350	280~420	≤650	~20	20	≥1	≤1.5	DC Power	-40~90℃
BM351M	350	280~420	≤650	~15	20	≥1	≤1.5	DC Power	-40~90℃
BM471M	470	376~564	≤850	~15	20	≥1	≤1.5	AC Power	-40~90℃
BM601M	600	480~720	≤950	~15	20	≥1	≤1.5	AC Power	-40~90℃
BM601M-2	600	480~720	≤950	~15	20	≥1	≤1.5	AC Power	-40~125℃
BM601M-1	600	480~720	≤950	~15	20	≥1	≤1.5	AC Power	-40~90℃
BM801M	800	640~960	≤1200	~15	20	≥1	≤1.5	AC Power	-40~90℃
BM102M	1000	800~1200	≤1500	~15	20	≥1	≤1.5	AC Power	-40~125℃
BM152M	1500	1200~1800	≤2000	~15	10	≥1	≤1.5	AC Power	-40~125℃
B5G 尺寸/Size: ϕ5.5x6.0mm									
B5G070L	70	56-84	≤700	~8	5	≥1	≤1	DC Power	-40~90℃
B5G090L	90	72-108	≤700	~8	5	≥1	≤1	DC Power	-40~90℃
B5G230L	230	184-276	≤750	~8	5	≥1	≤1	AC Power	-40~125℃
B5G230L-1	230	184-276	≤750	~8	5	≥1	≤1	AC Power	-40~125℃
B5G230L-3	230	184-276	≤750	~14	5	≥1	≤1	AC Power	-40~125℃
B5G230L-4	230	184-276	≤750	~8	5	≥1	≤1	AC Power	-40~125℃
B5G300L	300	240-360	≤700	~12	5	≥1	≤1	AC Power	-40~90℃
B5G350L	350	280-420	≤750	~12	5	≥1	≤1	AC Power	-40~90℃
B5G400L	400	320-480	≤800	~12	5	≥1	≤1	AC Power	-40~90℃
B5G470L	470	376-564	≤850	~15	5	≥1	≤1	xDSL	-40~90℃
B5G470L-1	470	376-564	≤850	~15	5	≥1	≤1	xDSL	-40~90℃
B5G470L-2	470	376-564	≤850	~15	5	≥1	≤1	xDSL	-40~90℃
B5G600L	600	480-720	≤950	~15	5	≥1	≤1	AC Power	-40~125℃
B5G600L-1	600	480-720	≤950	~15	5	≥1	≤1	AC Power	-40~125℃
B5G600L-2	600	480-720	≤950	~15	5	≥1	≤1	AC Power	-40~125℃
B5G800L	800	640-960	≤1600	~15	5	≥1	≤1	AC Power	-40~125℃
B5G800L-4	800	640-960	≤1600	~15	5	≥1	≤1	AC Power	-40~125℃
B5G800L-5	800	640-960	≤1600	~15	5	≥1	≤1	AC Power	-40~125℃
B5G1000L	1000	800-1200	≤1600	~15	5	≥1	≤1	AC Power	-40~125℃
B5G1000L-1	1000	800-1200	≤1600	~15	5	≥1	≤1	AC Power	-40~125℃
B5G1500L	1500	1200-1800	≤2200	~15	5	≥1	≤1	AC Power	-40~125℃
B5G1500L-2	1500	1700-2500	≤3000	~15	3	≥1	≤1	AC Power	-40~125℃
B5G2000-2	2000	1700-2500	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃
B5G2000-3	2000	1700-2300	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃
B5G2000-4	2000	1800-2400	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃
B5G2000-6	2000	1900-2400	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃
B5G2000-M	2000	1900-2400	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃
B5G2000-S	2000	1700-2300	≤3000	~35	3	≥1	≤1	AC Power	-40~125℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
B5G  尺寸/Size: ϕ5.5x6.0mm									
B5G2500	2500	2000-3000	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G2500-2	2500	2250-3250	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G2500-3	2500	2000-3000	⩽3500	~30	3	⩾1	⩽1	AC Power	-40~125℃
B5G2500-5	2500	2000-3000	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G2500-6	2500	2000-3000	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000	3000	2400-3600	⩽4000	~15	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000-1	3000	2400-3600	⩽4000	~15	3	⩾1	⩽1	AC Power	-40~90℃
B5G3000-2	3000	2800-3600	⩽4000	~35	3	⩾1	⩽1	AC Power	-40~90℃
B5G3000-3	3000	2400-3600	⩽4000	~35	3	⩾1	⩽1	AC Power	-40~90℃
B5G3000-4	3000	2250-3250	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000-5	3000	2000-3000	⩽3500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000-6	3000	2400-3600	⩽4000	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000-8	3000	2400-3600	⩽4000	~35	3	⩾1	⩽1	AC Power	-40~85℃
B5G3000-9	3000	2700-3600	⩽4000	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3000-F	3000	2400-3600	⩽3900	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600	3600	2880-4680	⩽4700	~15	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-2	3600	2640-3960	⩽5200	~15	3	⩾1	⩽1	AC Power	-40~90℃
B5G3600-3	3600	2880-4320	⩽5500	~30	3	⩾1	⩽0.45	AC Power	-40~90℃
B5G3600-4	3600	2640-3960	⩽5200	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-5	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-6	3600	3100-4200	⩽4500	~35	3	⩾1	⩽1	AC Power	-40~90℃
B5G3600-7	3600	2880-4320	⩽4800	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-10	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-A	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-C	3600	2880-4320	⩽4800	~30	3	⩾1	⩽0.45	AC Power	-40~125℃
B5G3600-E	3600	2880-4320	⩽5000	~30	3	⩾1	⩽0.45	AC Power	-40~125℃
B5G3600-F	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-G	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-J	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-K	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-N	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-O	3600	3100-4200	⩽4500	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-S	3600	2880-4320	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-U	3600	2880-4320	⩽4800	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-W	3600	2880-4680	⩽4700	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-X	3600	2880-4320	⩽4800	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G3600-Z	3600	2880-4320	⩽4800	~35	3	⩾1	⩽1	AC Power	-40~125℃
B5G4000	4000	3200-4800	⩽5400	~40	3	⩾1	⩽1	AC Power	-40~125℃
B5G4000-1	4000	3200-4800	⩽5500	~35	3	⩾1	⩽1	AC Power	-40~125℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_S (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
B5G  尺寸/Size: ϕ5.5x6.0mm									
B5G4000-2	4000	3200-4800	⩽5400	~40	3	⩾1	⩽1	AC Power	-40~125℃
B8G  尺寸/Size: ϕ8.0x6.0mm									
B8G090H	90	72-108	⩽600	~15	20	⩾1	⩽1.5	DC Power	-40~125℃
B8G090L	90	72-108	⩽650	~8	5	⩾1	⩽1.5	DC Power	-40~90℃
B8G090M	90	72-108	⩽600	~12	10	⩾1	⩽1.5	DC Power	-40~90℃
B8G150H	150	120-174	⩽700	~12	20	⩾1	⩽1.5	DC Power	-40~125℃
B8G150M	150	120-180	⩽650	~12	10	⩾1	⩽1.5	DC Power	-40~90℃
B8G150M-2	150	120-174	⩽650	~15	10	⩾1	⩽1.5	DC Power	-40~125℃
B8G230H	230	184-276	⩽700	~12	20	⩾1	⩽1.5	AC Power	-40~90℃
B8G230M	230	184-276	⩽700	~12	10	⩾1	⩽1.5	AC Power	-40~90℃
B8G230M-2	230	184-276	⩽650	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G350M	350	280-420	⩽1000	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G470M	470	376-564	⩽1200	~15	10	⩾1	⩽1	AC Power	-40~125℃
B8G600H	600	480-720	⩽1400	~15	20	⩾1	⩽1.5	AC Power	-40~125℃
B8G600L	600	480-720	⩽1400	~15	5	⩾1	⩽1.5	AC Power	-40~90℃
B8G600M	600	480-720	⩽1400	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G600M-1	600	480-720	⩽1200	~15	10	⩾1	⩽1.5	AC Power	-40~105℃
B8G600M-2	600	480-720	⩽1400	~15	10	⩾1	⩽1.5	AC Power	-40~105℃
B8G600M-3	600	480-720	⩽1400	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G600M-QD	600	480-720	⩽1400	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G600M-SP	600	480-720	⩽950	~15	10	⩾1	⩽1.5	AC Power	-40~90℃
B8G800H	800	640-960	⩽1600	~15	20	⩾1	⩽1.5	AC Power	-40~125℃
B8G800L	800	640-960	⩽1400	~22	5	⩾1	⩽1.5	AC Power	-40~90℃
B8G800M	800	640-960	⩽1600	~15	10	⩾1	⩽1.5	AC Power	-40~90℃
B8G800M-1	800	640-960	⩽1400	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1000L	1000	800-1200	⩽2000	~8	5	⩾1	⩽1.5	AC Power	-40~90℃
B8G1000M	1000	800-1200	⩽1600	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1500M	1500	1200-1800	⩽2700	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1500M-2	1500	1200-1800	⩽2000	~25	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1500M-4	1500	1200-1800	⩽2700	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1500M-5	1500	1040-1560	⩽2000	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G1500M-B	1500	1200-1800	⩽2700	~15	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G2000L	2000	1600-2400	⩽2750	~25	5	⩾1	⩽1.5	AC Power	-40~90℃
B8G2000L-1	2000	1600-2400	⩽3000	~15	5	⩾1	⩽1.5	AC Power	-40~125℃
B8G2000L-2	2000	1600-2400	⩽3000	~25	5	⩾1	⩽1.5	AC Power	-40~125℃
B8G2000M	2000	1700-2500	⩽2750	~25	10	⩾1	⩽1.5	AC Power	-40~125℃
B8G2500L	2500	2000-3000	⩽4200	~15	5	⩾1	⩽1.5	AC Power	-40~125℃
B8G2500L-1	2500	2000-2500	⩽2750	~25	5	⩾1	⩽1.5	AC Power	-40~90℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_s (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
B8G 尺寸/Size: ϕ8.0x6.0mm									
B8G2500L-G	2500	2000-3000	≤4200	~15	5	≥1	≤1.5	AC Power	-40~90℃
B8G2500M	2500	2000-3000	≤3600	~35	10	≥1	≤1.5	AC Power	-40~125℃
B8G3000L	3000	2400-3600	≤4000	~35	5	≥1	≤1	AC Power	-40~90℃
B8G3000L-1	3000	2400-3600	≤4000	~35	5	≥1	≤1	AC Power	-40~90℃
B8G3600L	3600	2880-4320	≤6000	~15	5	≥1	≤1.5	AC Power	-40~90℃
B8G3600L-1	3600	2880-4320	≤6000	~35	5	≥1	≤1.5	AC Power	-40~125℃
B8G3600L-P	3600	2880-4400	≤6000	~35	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L	4000	3120-4680	≤6000	~30	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L-2	4000	3120-4680	≤6000	~30	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L-3	4000	3120-4680	≤6000	~35	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L-4	4000	3200-4800	≤6000	~30	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L-5	4000	3200-4800	≤6000	~30	5	≥1	≤1.5	AC Power	-40~90℃
B8G4000L-6	4000	3200-4800	≤6000	~30	5	≥1	≤1.5	AC Power	-40~90℃
BGO 尺寸/Size: Φ8.0x7.0mm									
BGO6000A05-LC2	600	>480	≤1500	~40	5	≥1	≤1.5	AC Power	-40~125℃
B3A 尺寸/Size: 4.2x2.7x3.9mm									
B3A420	420	1200-1800	≤2700	~15	10	≥1	≤1.5	AC Power	-40~125℃
B3R 尺寸/Size: ϕ8.0x10.0mm									
B3R090M	90	68~112	≤650	/	10	≥1	≤1.5	RS485	-40~90℃
B3R090L	90	68~112	≤600	/	5	≥1	≤1.5	RS485	-40~90℃
B3R230H	230	188~272	≤800	/	20	≥1	≤1.5	RS485	-40~90℃
B3R230M	230	188~272	≤800	/	10	≥1	≤1.5	RS485	-40~90℃
B3R350H	350	280~420	≤900	/	20	≥1	≤1.5	xDSL	-40~90℃
B3R350M	350	280~420	≤900	~30	10	≥1	≤1.5	xDSL	-40~90℃
B3R420L	420	336~504	≤800	/	5	≥1	≤1.5	xDSL	-40~90℃
B3R470M	470	360~560	≤950	/	10	≥1	≤1.5	xDSL	-40~90℃
B3R500L	500	400~600	≤1200	/	5	≥1	≤1.5	xDSL	-40~90℃
BE 尺寸/Size: 10.5x8.0x2.3mm									
BE091MTW-2	90	72~108	≤700	~10	10	≥1	≤3	RF Feeder Port	-40~125℃
BE091MTW-1	90	72~108	≤700	~10	10	≥1	≤3	RF Feeder Port	-40~125℃

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_s (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	尺寸 Size (HxDxT) (mm)	应用 Application	温度等级 Temperature Class
B3Q										
B3Q090-C	90	72~108	≤650	~12	6	≥1	≤1	6.8x3.5x4.3	Ethernet	-40~90℃
B3Q090	90	72~108	≤650	~20	6	≥1	≤1	6.8x3.5x3.5	xDSL	-40~90℃
B3Q420-1	420	360~560	≤950	~20	2	≥1	≤1	6.8x3.5x3.5	xDSL	-40~90℃
B3Q420	420	360~560	≤950	~20	2	≥1	≤1	6.8x3.5x3.5	xDSL	-40~90℃
B3Q470	470	360~560	≤950	~20	2	≥1	≤1	6.8x3.5x3.5	xDSL	-40~90℃
B3D										
B3D075M	75	60-90	≤575	~6	10	≥1	≤1.5	7.6x5.0x5.0	RS485/232/422 Ethernet	-40~125℃
B3D090L	90	68-112	≤700	~8	5	≥1	≤1.5	7.6x5.0x5.0	RS485/232/422 Ethernet	-40~90℃
B3D090L-C	90	68-112	≤700	~8	5	≥1	≤1.5	7.6x5.0x5.8	RS485/232/422	-40~90℃
B3D090M-C	90	72-108	≤600	~10	10	≥1	≤1.5	7.8x5.0x6.0	RS485/232/422 Ethernet	-40~125℃
B3D090M-C-2	90	72-108	≤600	~10	10	≥1	≤1.5	7.8x5.0x5.0	RS485/232/422 Ethernet	-40~90℃
B3D090M-C-3	90	72-108	≤600	~10	10	≥1	≤1.5	7.8x5.0x6.0	RS485/232/422 Ethernet	-40~125℃
B3D090M-C-KQ	90	72-108	≤600	~10	10	≥1	≤1.5	7.8x5.0x6.0	RS485/232/422 Ethernet	-40~125℃
B3D230L-1	230	184-276	≤650	~8	10	≥1	≤1.5	7.6x5.0x5.0	RS485/232/422 Ethernet	-40~90℃
B3D230L-C	230	184-276	≤800	~8	5	≥1	≤1.5	7.8x5.0x6.0	RS485/232/422 Ethernet	-40~125℃
B3D350M-R	350	245-455	≤850	>33	5	≥1	≤1.5	7.8x5.0x5.6	DC30V Power	-40~90℃
B3D350M-R-1	350	420-780	≤1200	>33	5	≥1	≤1.5	7.8x5.0x5.0	DC30V Power	-40~90℃
B3D470L-C-1	470	360-500	≤850	~20	5	≥1	≤1.5	7.3x5.0x5.7	xDSL	-40~125℃
B3D470L-C-2	470	360-560	≤850	~20	5	≥1	≤1.5	7.3x5.0x5.7	xDSL	-40~125℃
B3D470M	470	360-560	≤850	~10	10	≥1	≤1.5	7.8x5.0x5.0	RS485/232/422 Ethernet	-40~90℃
B3D600	600	480-720	≤1400	~30	3	≥1	≤1.5	7.8x5.0x5.0	AC Power	-40~125℃
B3D650M-C-1	650	560-840	≤1500	~15	10	≥1	≤1.5	7.6x5.0x5.0	RS485/232/422 Ethernet	-40~90℃
B3D650M-C-3	650	480-720	≤1100	~30	10	≥1	≤1.5	7.8x5.0x6.0	AC Power	-40~125℃
B3D650M-C-4	650	480-720	≤1100	~30	10	≥1	≤1.5	7.6x5.0x5.0	AC Power	-40~125℃
B3D2000-2	2000	1920-2880	≤3800	~75	3	≥1	≤1.5	7.8x5.0x5.0	AC Power	-40~125℃
B3D2000-C	2000	1920-2880	≤3800	~75	3	≥1	≤1.5	7.8x5.0x6.0	AC Power	-40~125℃
B3D3000	3000	2400-3600	≤4500	~100	3	≥1	≤1.5	7.8x5.0x5.0	AC Power	-40~125℃
B3D3000-1	3000	2400-3600	≤4500	~100	3	≥1	≤1.5	7.8x5.0x6.0	AC Power	-40~125℃
B3D3600	3600	2880-4680	≤5000	~100	3	≥1	≤1.5	7.8x5.0x5.0	AC Power	-40~125℃
BD										
BD122-8	1200	700~1200	≤900	~60	20	≥1	≤1.5	16.5x8.3x9.5	DC Power	-40~125℃
BD122-2	1200	700~1200	≤900	~60	20	≥1	≤1.5	16.5x8.3x9.5	DC Power	-40~125℃
BD122-H	1200	700~1450	≤950	~60	20	≥1	≤1	16.5x8.3x9.5	DC Power	-40~125℃
BD122-J	1200	700~1450	≤1100	~60	15	≥1	≤1.5	16.5x6.0x7.0	DC Power	-40~125℃
BD122-5	1200	700~1450	≤1100	~60	20	≥1	≤1.5	16.5x8.3x8.3	DC Power	-40~125℃
BD122-P	1200	700~1450	≤1100	~60	20	≥1	≤1.5	16.5x8.3x9.5	DC Power	-40~125℃
BD122-1	1200	840~1440	≤2300	~63.5	20	≥1	≤1	16.5x8.3x9.5	DC Power	-40~125℃

陶瓷气体放电管/GDT

产品型号 Part Number	标称电压 V_{DC} (V)	电压范围 Tolerance (V)	冲击击穿电压 V_s (V)	弧光压 Va (V)	通流能力 In (kA)	绝缘阻抗 R_{DC} (GΩ)	结电容 C_O (pF)	应用 Application	温度等级 Temperature Class
BUF   **尺寸/Size: ϕ30.0x9.0mm**									
BUF601M-1-01	600	480~720	⩽1500	~30	40	⩾1	⩽10	AC Power	-40~90℃
BUL   **尺寸/Size: ϕ30.0x9.0mm**									
BUL801M-01	800	600~920	⩽1500	~30	60	⩾1	⩽10	AC Power	-40~90℃
BUB   **尺寸/Size: ϕ16.0x5.0mm**									
BUB601M-03	600	550~800	⩽1500	~24	20	⩾1	⩽4	AC Power	-40~125℃
BUB   **尺寸/Size: ϕ16.0x5.0mm**									
BUB601M-09	600	480~720	⩽1500	~24	20	⩾1	⩽4	AC Power	-40~90℃
BUB   **尺寸/Size: ϕ16.0x5.0mm**									
BUB801M-01	800	640~960	⩽1400	~24	20	⩾1	⩽4	AC Power	-40~90℃
BXD   **尺寸/Size: 9.0x5.5x7.0mm**									
BXD3000SA03M03	3000	2400~3600	⩽3000V	~35V	3	⩾1	⩽500	AC Power	-40~90℃
BXD   **尺寸/Size: 8.8x6.2x8.7mm**									
BXD3000SA03M-D	3000	3200~4800	⩽3000V	~100V	3	⩾1	~500	AC Power	-40~105℃
BXD3000SA03M-D14	3000	2400~3600	⩽2500V	~100V	3	⩾1	~500	AC Power	-40~105℃
BXD   **尺寸/Size: 8.5x5.7x8.5mm**									
BXD3000SA03M-A	3000	3000~4500	⩽3000V	~100V	3	⩾1	~500	AC Power	-40~125℃

浪涌保护器/SPD

产品型号 Part Number	安装类别 Classification	额定工作电压 Un (Vac)	最大持续工作电压 Uc (Vac)	通流能力 Withstanding Surge Current In(kA)	Imax(kA)	保护水平 Up	防水等级 IP code	尺寸 Size(LxWxH) (mm)	应用 Application	温度等级 Temperature Class
板载SPD    **Modes of protection:L-N、N-PE、L-PE Flame Rating:UL94 V0**										
BSPD220C20P-1	T2、T3	220	250	20	/	1.5kV	IP20	41.0x30.5x27.2(±0.5)	TT、TN	-40℃~85℃
BSPD230C20PF-02	T2	230	320	20	/	2.5kV	IP20	38.8x16.7x24.0(±0.5)	TT、TN	-40℃~85℃
BSPD230C20PF-04	T2、T3	230	320	20	/	L-N:2kV,L-PE:2kV,N-PE:2kV	IP20	40.8x38.0x18.8(±0.5)	TT、TN	-40℃~85℃
LED SPD   **Modes of protection:L-N、N-PE、L-PE Flame Rating:UL94 V0**										
BSPD277D05LF-01A	T3	220	277	5	/	L-N&L-PE / N-PE：1.5kV	IP65	69.4x34.0x21.3(±0.5)	TT、TN	-40℃~85℃
BSPD277C10LE-01	T3	220	277	10	/	L-N&L-PE：960V N-PE：1.8kV	IP67	80.0x38.5x16.5(±0.5)	TT、TN	-40℃~85℃
BSPD277D05LE-01	T3	220	277	5	/	L-N&L-PE：960V N-PE：1.8kV	IP65	80.0x38.5x16.5(±0.5)	TT、TN	-40℃~85℃
BSPD277D05LE-01A	T3	220	277	5	/	L-N&L-PE：960V N-PE：1.8kV	IP65	80.0x38.5x16.5(±0.5)	TT、TN	-40℃~85℃

产品型号 Part Number	最大工作电压 Maximum Allowable Voltage AC.rms	DC	1mA压敏电压 Varistor Voltage V1mA (V) Min	Ave	Max	GDT标称电压 DC Breakdown Voltage(V_{BR}) 100V/s (V)	配置电容 Capacitance C_O(pF)	保护水平 Up	通流能力 Withstanding Surge Current In	Imax	应用 Application
光伏SPD-H模块   **尺寸/Size(LxWxH):34.2x14.3x30.3mm Flame Rating:UL94 V0 防水等级/IP code:IP20**											
BSPDPV20K-670H1AF	510	670	612	680	748	1680V±20%	/	1.8	10	20	AC/DC Power
BSPDPV20K-670H2AF	510	670	612	680	748	1680V±20%	47-1000	1.8	10	20	AC/DC Power
BSPDPV20K-900H1	680	900	900	1000	1100	1900V±20%	/	2.6	10	20	AC/DC Power
BSPDPV20K-900H2	680	900	900	1000	1100	1900V±20%	47-1000	2.6	10	20	AC/DC Power

产品型号 Part Number	最大工作电压 Maximum Allowable Voltage AC.rms	DC	1mA压敏电压 Varistor Voltage V1mA (V) Min	Max	Ave	通流能力 Withstanding Surge Current In	I max	应用 Application
光伏SPD-L模块   **尺寸/Size(LxWxH):33.5x12.0x30.0mm Flame Rating:UL94 V0 防水等级/IP code:IP20**								
BSPDPV20K-560LF	420	560	612	748	680	10	20	AC/DC Power
BSPDPV20K-825L	625	825	900	1100	1000	10	20	AC/DC Power

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
07D 温度等级: -40℃~+105℃										
BMOV07D180KSC	11	12	18(15~21.6)	2.5	36	250	0.9	0.02	2800	Ø10.0x4.9
BMOV07D220KSC	14	18	22(19.5~26)	2.5	43	250	1.1	0.02	2300	Ø10.0x5.0
BMOV07D270KSC	17	22	27(24~31)	2.5	53	250	1.4	0.02	1800	Ø10.0x5.2
BMOV07D330KSC	20	26	33(29.5~36.5)	2.5	65	250	1.7	0.02	1500	Ø10.0x5.4
BMOV07D390KSC	25	31	39(35~43)	2.5	77	250	2.1	0.02	1300	Ø10.0x5.2
BMOV07D470KSC	30	38	47(42~52)	2.5	93	250	2.5	0.02	1100	Ø10.0x5.4
BMOV07D560KSC	35	45	56(50~62)	2.5	110	250	3.1	0.02	890	Ø10.0x5.6
BMOV07D680KSC	40	56	68(61~75)	2.5	135	250	3.6	0.02	740	Ø10.0x5.9
BMOV07D820KSC	50	65	82(74~90)	10	145	1200	5	0.25	600	Ø10.0x4.9
BMOV07D101KSC	60	85	100(90~110)	10	165	1200	7	0.25	500	Ø10.0x5.1
BMOV07D121KSC	75	100	120(108~132)	10	200	1200	7.8	0.25	420	Ø10.0x5.3
BMOV07D151KSC	95	125	150(135~165)	10	250	1200	9.7	0.25	330	Ø10.0x5.0
BMOV07D181KSC	115	150	180(162~198)	10	300	1200	11.7	0.25	280	Ø10.0x5.2
BMOV07D201KSC	130	170	200(180~220)	10	340	1200	13	0.25	250	Ø10.0x5.3
BMOV07D221KSC	140	180	220(198~242)	10	360	1200	14	0.25	230	Ø10.0x5.4
BMOV07D241KSC	150	200	240(216~264)	10	395	1200	15	0.25	210	Ø10.0x5.5
BMOV07D271KSC	175	225	270(243~297)	10	455	1200	18	0.25	185	Ø10.0x5.7
BMOV07D301KSC	190	250	300(270~330)	10	500	1200	20	0.25	165	Ø10.0x5.9
BMOV07D331KSC	210	275	330(297~363)	10	550	1200	23	0.25	150	Ø10.0x6.1
BMOV07D361KSC	230	300	360(324~396)	10	595	1200	24	0.25	140	Ø10.0x6.2
BMOV07D391KSC	250	320	390(351~429)	10	650	1200	26	0.25	130	Ø10.0x6.4
BMOV07D431KSC	275	350	430(387~473)	10	710	1200	28	0.25	115	Ø10.0x6.7
BMOV07D471KSC	300	385	470(423~517)	10	775	1200	29	0.25	105	Ø10.0x6.9
BMOV07D511KSC	320	415	510(459~561)	10	845	1200	31	0.25	100	Ø10.0x7.1
BMOV07D561KSC	350	460	560(504~616)	10	925	1200	35	0.25	90	Ø10.0x7.4
BMOV07D621KSC	385	505	620(558~682)	10	1025	1200	38	0.25	80	Ø10.0x7.8
BMOV07D681KSC	420	560	680(612~748)	10	1120	1200	42	0.25	75	Ø10.0x8.1
BMOV07D751KSC	460	615	750(675~825)	10	1240	1200	45	0.25	70	Ø10.0x8.6
BMOV07D781KSC	485	640	780(702~858)	10	1290	1200	48	0.25	65	Ø10.0x8.7
BMOV07D821KSC	510	670	820(738~902)	10	1355	1200	52	0.25	60	Ø10.0x9.0
BMOV07D180KSCH	11	12	18(15~21.6)	2.5	36	500	2	0.02	2800	Ø10.0x4.9
BMOV07D220KSCH	14	18	22(19.5~26)	2.5	43	500	2.4	0.02	2300	Ø10.0x5.0
BMOV07D270KSCH	17	22	27(24~31)	2.5	53	500	3	0.02	1800	Ø10.0x5.2
BMOV07D330KSCH	20	26	33(29.5~36.5)	2.5	65	500	3.5	0.02	1500	Ø10.0x5.4
BMOV07D390KSCH	25	31	39(35~43)	2.5	77	500	4	0.02	1300	Ø10.0x5.2
BMOV07D470KSCH	30	38	47(42~52)	2.5	93	500	5	0.02	1100	Ø10.0x5.4
BMOV07D560KSCH	35	45	56(50~62)	2.5	110	500	6	0.02	890	Ø10.0x5.6
BMOV07D680KSCH	40	56	68(61~75)	2.5	135	500	7	0.02	740	Ø10.0x5.9
BMOV07D820KSCH	50	65	82(74~90)	10	145	1750	10	0.25	600	Ø10.0x4.9

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
07D 温度等级: -40℃~+105℃										
BMOV07D101KSCH	60	85	100(90~110)	10	165	1750	12.5	0.25	500	Ø10.0x5.1
BMOV07D121KSCH	75	100	120(108~132)	10	200	1750	13	0.25	420	Ø10.0x5.3
BMOV07D151KSCH	95	125	150(135~165)	10	250	1750	15	0.25	330	Ø10.0x5.0
BMOV07D181KSCH	115	150	180(162~198)	10	300	1750	16	0.25	280	Ø10.0x5.2
BMOV07D201KSCH	130	170	200(180~220)	10	340	1750	17	0.25	250	Ø10.0x5.3
BMOV07D221KSCH	140	180	220(198~242)	10	360	1750	19	0.25	230	Ø10.0x5.4
BMOV07D241KSCH	150	200	240(216~264)	10	395	1750	21	0.25	210	Ø10.0x5.5
BMOV07D271KSCH	175	225	270(243~297)	10	455	1750	24	0.25	185	Ø10.0x5.7
BMOV07D301KSCH	190	250	300(270~330)	10	500	1750	26	0.25	165	Ø10.0x5.9
BMOV07D331KSCH	210	275	330(297~363)	10	550	1750	28	0.25	150	Ø10.0x6.1
BMOV07D361KSCH	230	300	360(324~396)	10	595	1750	32	0.25	140	Ø10.0x6.2
BMOV07D391KSCH	250	320	390(351~429)	10	650	1750	35	0.25	130	Ø10.0x6.4
BMOV07D431KSCH	275	350	430(387~473)	10	710	1750	40	0.25	115	Ø10.0x6.7
BMOV07D471KSCH	300	385	470(423~517)	10	775	1750	42	0.25	105	Ø10.0x6.9
BMOV07D511KSCH	320	415	510(459~561)	10	845	1750	45	0.25	100	Ø10.0x7.1
BMOV07D561KSCH	350	460	560(504~616)	10	925	1750	49	0.25	90	Ø10.0x7.4
BMOV07D621KSCH	385	505	620(558~682)	10	1025	1750	55	0.25	80	Ø10.0x7.8
BMOV07D681KSCH	420	560	680(612~748)	10	1120	1750	60	0.25	75	Ø10.0x8.1
BMOV07D751KSCH	460	615	750(675~825)	10	1240	1750	64	0.25	70	Ø10.0x8.6
BMOV07D781KSCH	485	640	780(702~858)	10	1290	1750	69	0.25	65	Ø10.0x8.7
BMOV07D821KSCH	510	670	820(738~902)	10	1355	1750	73	0.25	60	Ø10.0x9.0
BMOV07D101KSC40	60	85	100(90~110)	10	165	1200	7	0.25	500	Ø10.0x5.1
BMOV07D101KSC58	60	85	100(90~110)	10	165	1200	7	0.25	500	Ø10.0x5.1
BMOV07D220KOC30	14	18	22(19.5~26)	2.5	43	250	1.1	0.02	2300	Ø10.0x5.0
BMOV07D220KOCH30	14	18	22(19.5~26)	2.5	43	500	2.4	0.02	2300	Ø10.0x5.0
BMOV07D330KSC40	20	26	33(29.5~36.5)	2.5	65	250	3.5	0.02	1500	Ø10.0x5.4
BMOV07D470KSC35	30	38	47(42~52)	2.5	93	250	2.5	0.02	1100	Ø10.0x5.4
BMOV07D470KSC40	30	38	47(42~52)	2.5	93	250	2.5	0.02	1100	Ø10.0x5.4
BMOV07D470KSR	30	38	47(42~52)	2.5	93	250	2.5	0.02	1100	Ø10.0x5.4
BMOV07D391KSC37	250	320	390(351~429)	10	650	1200	26	0.25	1300	Ø10.0x6.4
BMOV07D471KSC35	300	385	470(423~517)	10	775	1200	29	0.25	105	Ø10.0x6.9
BMOV07D471KYRH5P	300	385	470(423~517)	10	775	1750	42	0.25	105	Ø10.0x6.9
BMOV07D471KYRZP	300	385	470(423~517)	10	775	1750	42	0.25	105	Ø10.0x6.9
BMOV07D511KOTH	320	415	510(459~561)	10	845	1750	45	0.25	100	Ø10.0x7.1
BMOV07D511KYRH	320	415	510(459~561)	10	845	1750	45	0.25	100	Ø10.0x7.1
BMOV07D561KSC35	350	460	560(504~616)	10	925	1200	35	0.25	110	Ø10.0x7.4
BMOV07D821KSR	510	670	820(738-902)	10	1355	1200	52	0.25	60	Ø10.0x7.4

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
10D 温度等级: -40°C~+105°C										
BMOV10D180KSC	11	12	18(15~21.6)	5	36	500	2.1	0.05	5600	Ø14.0x5.3
BMOV10D220KSC	14	18	22(19.5~26)	5	43	500	2.5	0.05	4500	Ø14.0x5.4
BMOV10D270KSC	17	22	27(24~31)	5	53	500	3	0.05	3700	Ø14.0x5.6
BMOV10D330KSC	20	26	33(29.5~36.5)	5	65	500	4	0.05	3000	Ø14.0x5.8
BMOV10D390KSC	25	31	39(35~43)	5	77	500	4.6	0.05	2400	Ø14.0x5.6
BMOV10D470KSC	30	38	47(42~52)	5	93	500	5.5	0.05	2100	Ø14.0x5.8
BMOV10D560KSC	35	45	56(50~62)	5	110	500	7	0.05	1800	Ø14.0x6.1
BMOV10D680KSC	40	56	68(61~75)	5	135	500	8.2	0.05	1500	Ø14.0x6.3
BMOV10D820KSC	50	65	82(74~90)	25	145	2500	12	0.4	1200	Ø14.0x5.4
BMOV10D101KSC	60	85	100(90~110)	25	165	2500	15	0.4	1000	Ø14.0x5.5
BMOV10D121KSC	75	100	120(108~132)	25	200	2500	18	0.4	830	Ø14.0x5.7
BMOV10D151KSC	95	125	150(135~165)	25	250	2500	22	0.4	670	Ø14.0x5.4
BMOV10D181KSC	115	150	180(162~198)	25	300	2500	27	0.4	560	Ø14.0x5.6
BMOV10D201KSC	130	170	200(180~220)	25	340	2500	30	0.4	500	Ø14.0x5.7
BMOV10D221KSC	140	180	220(198~242)	25	360	2500	32	0.4	450	Ø14.0x5.8
BMOV10D241KSC	150	200	240(216~264)	25	395	2500	35	0.4	420	Ø14.0x5.9
BMOV10D271KSC	175	225	270(243~297)	25	455	2500	37	0.4	370	Ø14.0x6.1
BMOV10D301KSC	190	250	300(270~330)	25	500	2500	40	0.4	330	Ø14.0x6.3
BMOV10D331KSC	210	275	330(297~363)	25	550	2500	43	0.4	300	Ø14.0x6.5
BMOV10D361KSC	230	300	360(324~396)	25	595	2500	47	0.4	280	Ø14.0x6.7
BMOV10D391KSC	250	320	390(351~429)	25	650	2500	60	0.4	260	Ø14.0x6.8
BMOV10D431KSC	275	350	430(387~473)	25	710	2500	65	0.4	230	Ø14.0x7.1
BMOV10D471KSC	300	385	470(423~517)	25	775	2500	67	0.4	210	Ø14.0x7.3
BMOV10D511KSC	320	415	510(459~561)	25	845	2500	69	0.4	200	Ø14.0x7.5
BMOV10D561KSC	350	460	560(504~616)	25	925	2500	70	0.4	180	Ø14.0x7.8
BMOV10D621KSC	385	505	620(558~682)	25	1025	2500	72	0.4	160	Ø14.0x8.3
BMOV10D681KSC	420	560	680(612~748)	25	1120	2500	75	0.4	150	Ø14.0x8.5
BMOV10D751KSC	460	615	750(675~825)	25	1240	2500	77	0.4	130	Ø14.0x8.6
BMOV10D781KSC	485	640	780(702~858)	25	1290	2500	80	0.4	125	Ø14.0x8.7
BMOV10D821KSC	510	670	820(738~902)	25	1355	2500	85	0.4	120	Ø14.0x8.9
BMOV10D911KSC	550	745	910(819~1001)	25	1500	2500	93	0.4	110	Ø14.0x9.0
BMOV10D102KSC	625	825	1000(900~1100)	25	1650	2500	102	0.4	100	Ø14.0x9.4
BMOV10D112KSC	680	895	1100(990~1210)	25	1815	2500	115	0.4	90	Ø14.0x9.9
BMOV10D180KSCH	11	12	18(15~21.6)	5	36	1000	3	0.05	5600	Ø14.0x5.3
BMOV10D220KSCH	14	18	22(19.5~26)	5	43	1000	5	0.05	4500	Ø14.0x5.4
BMOV10D270KSCH	17	22	27(24~31)	5	53	1000	6	0.05	3700	Ø14.0x5.6
BMOV10D330KSCH	20	26	33(29.5~36.5)	5	65	1000	7	0.05	3000	Ø14.0x5.8
BMOV10D390KSCH	25	31	39(35~43)	5	77	1000	9	0.05	2400	Ø14.0x5.6
BMOV10D470KSCH	30	38	47(42~52)	5	93	1000	11	0.05	2100	Ø14.0x5.8

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
10D 温度等级: -40°C~+105°C										
BMOV10D560KSCH	35	45	56(50~62)	5	110	1000	13	0.05	1800	Ø14.0x6.0
BMOV10D680KSCH	40	56	68(61~75)	5	135	1000	15	0.05	1500	Ø14.0x6.3
BMOV10D820KSCH	50	65	82(74~90)	25	145	3500	17	0.4	1200	Ø14.0x5.4
BMOV10D101KSCH	60	85	100(90~110)	25	165	3500	18	0.4	1000	Ø14.0x5.5
BMOV10D121KSCH	75	100	120(108~132)	25	200	3500	21	0.4	830	Ø14.0x5.7
BMOV10D151KSCH	95	125	150(135~165)	25	250	3500	25	0.4	670	Ø14.0x5.4
BMOV10D181KSCH	115	150	180(162~198)	25	300	3500	30	0.4	560	Ø14.0x5.6
BMOV10D201KSCH	130	170	200(180~220)	25	340	3500	35	0.4	500	Ø14.0x5.7
BMOV10D221KSCH	140	180	220(198~242)	25	360	3500	39	0.4	450	Ø14.0x5.8
BMOV10D241KSCH	150	200	240(216~264)	25	395	3500	42	0.4	420	Ø14.0x5.9
BMOV10D271KSCH	175	225	270(243~297)	25	455	3500	42	0.4	370	Ø14.0x6.1
BMOV10D301KSCH	190	250	300(270~330)	25	500	3500	54	0.4	330	Ø14.0x6.3
BMOV10D331KSCH	210	275	330(297~363)	25	550	3500	58	0.4	300	Ø14.0x6.5
BMOV10D361KSCH	230	300	360(324~396)	25	595	3500	65	0.4	280	Ø14.0x6.6
BMOV10D391KSCH	250	320	390(351~429)	25	650	3500	70	0.4	260	Ø14.0x6.8
BMOV10D431KSCH	275	350	430(387~473)	25	710	3500	80	0.4	230	Ø14.0x7.1
BMOV10D471KSCH	300	385	470(423~517)	25	775	3500	85	0.4	210	Ø14.0x7.3
BMOV10D511KSCH	320	415	510(459~561)	25	845	3500	90	0.4	200	Ø14.0x7.5
BMOV10D561KSCH	350	460	560(504~616)	25	925	3500	92	0.4	180	Ø14.0*7.8
BMOV10D621KSCH	385	505	620(558~682)	25	1025	3500	95	0.4	160	Ø14.0*8.3
BMOV10D681KSCH	420	560	680(612~748)	25	1120	3500	98	0.4	150	Ø14.0*8.5
BMOV10D751KSCH	460	615	750(675~825)	25	1240	3500	100	0.4	130	Ø14.0*8.6
BMOV10D781KSCH	485	640	780(702~858)	25	1290	3500	105	0.4	125	Ø14.0*8.7
BMOV10D821KSCH	510	670	820(738~902)	25	1355	3500	110	0.4	120	Ø14.0*8.9
BMOV10D911KSCH	550	745	910(819~1001)	25	1500	3500	130	0.4	110	Ø14.0*9.0
BMOV10D102KSCH	625	825	1000(900~1100)	25	1650	3500	140	0.4	100	Ø14.0*9.4
BMOV10D112KSCH	680	895	1100(990~1210)	25	1815	3500	155	0.4	90	Ø14.0*9.9
BMOV10D220KOC30	14	18	22(19.5~26)	5	43	500	2.5	0.05	4500	Ø14.0x5.4
BMOV10D220KOCH30	14	18	22(19.5~26)	5	43	1000	5	0.05	4500	Ø14.0x5.4
BMOV10D390KSC40	25	31	39(35~43)	5	77	500	4.6	0.05	2400	Ø14.0x5.9
BMOV10D470KSC40	30	38	47(42~52)	5	93	500	5.5	0.05	2100	Ø14.0x5.9
BMOV10D241KOC35	150	200	240(216~264)	25	395	2500	85	0.4	420	Ø14.0x5.9
BMOV10D241KSRJ	150	200	240(216~264)	25	395	2500	35	0.4	420	Ø14.0x6.0
BMOV10D331KOCZ	210	275	330(297~363)	25	550	3500	58	0.4	300	Ø14.0x6.5
BMOV10D361KSC85	230	300	360(324~396)	25	595	2500	47	0.4	280	Ø14.0x6.6
BMOV10D391KOCH	250	320	390(351~429)	25	650	3500	70	0.4	260	Ø14.0x6.8
BMOV10D391KOCZ	250	320	390(351~429)	25	650	3500	70	0.4	260	Ø14.0x6.8
BMOV10D331KOCH	275	350	430(387~473)	25	710	3500	58	0.4	230	Ø14.0x6.5
BMOV10D471KOCHPL	300	385	470(423~517)	25	775	3500	85	0.4	210	Ø13.0x7.3

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
10D 温度等级: -40℃~+105℃										
BMOV10D820KSCH35	50	65	82(74~90)	25	145	3500	17	0.4	1200	Ø14.0x5.3
BMOV10D820KSRH	50	65	82(74~90)	25	145	3500	17	0.4	1200	Ø14.0x5.3
BMOV10D820KST	50	65	82(74~90)	25	145	2500	12	0.4	1200	Ø14.0x5.3
BMOV10D820KYC35	50	65	82(74~90)	25	145	2500	12	0.4	1200	Ø14.0x5.3
BMOV10D471KSC40	300	385	470(423~517)	25	775	2500	67	0.4	270	Ø14.0x7.3
BMOV10D511KSC37	320	415	510(459~561)	25	845	2500	69	0.4	260	Ø14.0x7.5
BMOV10D511KSCH35	320	415	510(459~561)	25	845	3500	90	0.4	200	Ø14.0x7.5
BMOV10D511KYTPIN	320	415	510(459~561)	25	845	2500	69	0.4	200	Ø11.5x4.5
BMOV10D561KSCL	350	460	560(504~616)	25	925	3500	92	0.4	180	Ø14.0x7.9
BMOV10D561KSCZ	350	460	560(504~616)	25	925	3500	92	0.4	180	Ø14.0x7.9
BMOV10D561KSTZ	350	460	560(504~616)	25	925	3500	92	0.4	180	Ø14.0x7.9
BMOV10D621KSC30	385	505	620(558~682)	25	1025	2500	72	0.4	160	Ø14.0x8.3
BMOV10D681KORK	420	560	680(612~748)	25	1120	3500	98	0.4	150	Ø14.0x8.3
BMOV10D681KSCZ	420	560	680(612~748)	25	1120	3500	98	0.4	150	Ø14.0x8.3
BMOV10D681KSRZ	420	560	680(612~748)	25	1120	3500	98	0.4	150	Ø14.0x8.5
BMOV10D681KSTZ	420	560	680(612~748)	25	1120	3500	98	0.4	150	Ø14.0x8.5
BMOV10D681KYC35	420	560	680(612~748)	25	1120	2500	75	0.4	200	Ø14.0x8.5
BMOV10D781KSC35	485	640	780(702～858)	25	1290	2500	80	0.4	125	Ø14.0x8.7
BMOV10D781KSR	485	640	780(702～858)	25	1290	2500	88	0.4	125	Ø14.0x8.7
14D 温度等级: -40℃~+105℃										
BMOV14D180KSC	11	12	18(15~21.6)	10	36	1000	4	0.1	11100	Ø18.0x5.3
BMOV14D220KSC	14	18	22(19.5~26)	10	43	1000	5	0.1	9100	Ø18.0x5.4
BMOV14D270KSC	17	22	27(24~31)	10	53	1000	6	0.1	7400	Ø18.0x5.6
BMOV14D330KSC	20	26	33(29.5~36.5)	10	65	1000	7.5	0.1	6100	Ø18.0x5.8
BMOV14D390KSC	25	31	39(35~43)	10	77	1000	8.6	0.1	5100	Ø18.0x5.6
BMOV14D470KSC	30	38	47(42~52)	10	93	1000	10	0.1	4300	Ø18.0x5.8
BMOV14D560KSC	35	45	56(50~62)	10	110	1000	11	0.1	3600	Ø18.0x6.1
BMOV14D680KSC	40	56	68(61~75)	10	135	1000	14	0.1	2900	Ø18.0x6.4
BMOV14D820KSC	50	65	82(74~90)	50	145	4500	22	0.6	2400	Ø18.0x5.3
BMOV14D101KSC	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D121KSC	75	100	120(108~132)	50	200	4500	32	0.6	1700	Ø18.0x5.7
BMOV14D151KSC	95	125	150(135~165)	50	250	4500	40	0.6	1300	Ø18.0x5.5
BMOV14D181KSC	115	150	180(162~198)	50	300	4500	50	0.6	1100	Ø18.0x5.7
BMOV14D201KSC	130	170	200(180~220)	50	340	4500	57	0.6	1000	Ø18.0x5.8
BMOV14D221KSC	140	180	220(198~242)	50	360	4500	60	0.6	900	Ø18.0x5.8
BMOV14D241KSC	150	200	240(216~264)	50	395	4500	63	0.6	830	Ø18.0x6.0
BMOV14D271KSC	175	225	270(243~297)	50	455	4500	70	0.6	740	Ø18.0x6.2
BMOV14D301KSC	190	250	300(270~330)	50	500	4500	77	0.6	670	Ø18.0x6.3

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
14D 温度等级: -40℃~+105℃										
BMOV14D331KSC	210	275	330(297~363)	50	550	4500	85	0.6	610	Ø18.0x6.5
BMOV14D361KSC	230	300	360(324~396)	50	595	4500	93	0.6	560	Ø18.0x6.7
BMOV14D391KSC	250	320	390(351~429)	50	650	4500	100	0.6	510	Ø18.0x6.9
BMOV14D431KSC	275	350	430(387~473)	50	710	4500	115	0.6	460	Ø18.0x7.1
BMOV14D471KSC	300	385	470(423~517)	50	775	4500	118	0.6	430	Ø18.0x7.4
BMOV14D511KSC	320	415	510(459~561)	50	845	4500	121	0.6	390	Ø18.0x7.6
BMOV14D561KSC	350	460	560(504~616)	50	925	4500	125	0.6	360	Ø18.0x7.9
BMOV14D621KSC	385	505	620(558~682)	50	1025	4500	128	0.6	320	Ø18.0x8.3
BMOV14D681KSC	420	560	680(612~748)	50	1120	4500	130	0.6	290	Ø18.0x8.7
BMOV14D751KSC	460	615	750(675~825)	50	1240	4500	143	0.6	270	Ø18.0x8.7
BMOV14D781KSC	485	640	780(702~858)	50	1290	4500	148	0.6	260	Ø18.0x8.8
BMOV14D821KSC	510	670	820(738~902)	50	1355	4500	157	0.6	240	Ø18.0x9.0
BMOV14D911KSC	550	745	910(819~1001)	50	1500	4500	175	0.6	220	Ø18.0x9.1
BMOV14D102KSC	625	825	1000(900~1100)	50	1650	4500	190	0.6	200	Ø18.0x9.5
BMOV14D112KSC	680	895	1100(990~1210)	50	1815	4500	213	0.6	180	Ø18.0x10.0
BMOV14D122KSC	750	990	1200(1080~1320)	50	1980	4500	232	0.6	160	Ø18.0x10.5
BMOV14D142KSC	880	1140	1400(1260~1540)	50	2310	4500	238	0.6	150	Ø18.0x11.5
BMOV14D162KSC	1000	1280	1600(1440~1760)	50	2640	4500	243	0.6	140	Ø18.0x12.5
BMOV14D182KSC	1100	1465	1800(1620~1980)	50	2970	4500	250	0.6	130	Ø18.0x13.5
BMOV14D180KSCH	11	12	18(15~21.6)	10	36	2000	7	0.1	11100	Ø18.0x5.3
BMOV14D220KSCH	14	18	22(19.5~26)	10	43	2000	8	0.1	9100	Ø18.0x5.4
BMOV14D270KSCH	17	22	27(24~31)	10	53	2000	10	0.1	7400	Ø18.0x5.6
BMOV14D330KSCH	20	26	33(29.5~36.5)	10	65	2000	12	0.1	6100	Ø18.0x5.8
BMOV14D390KSCH	25	31	39(35~43)	10	77	2000	13	0.1	5100	Ø18.0x5.6
BMOV14D470KSCH	30	38	47(42~52)	10	93	2000	17	0.1	4300	Ø18.0x5.8
BMOV14D560KSCH	35	45	56(50~62)	10	110	2000	20	0.1	3600	Ø18.0x6.1
BMOV14D680KSCH	40	56	68(61~75)	10	135	2000	24	0.1	2900	Ø18.0x6.4
BMOV14D820KSCH	50	65	82(74~90)	50	145	6000	27	0.6	2400	Ø18.0x5.3
BMOV14D101KSCH	60	85	100(90~110)	50	165	6000	33	0.6	2000	Ø18.0x5.5
BMOV14D121KSCH	75	100	120(108~132)	50	200	6000	40	0.6	1700	Ø18.0x5.7
BMOV14D151KSCH	95	125	150(135~165)	50	250	6000	53	0.6	1300	Ø18.0x5.5
BMOV14D181KSCH	115	150	180(162~198)	50	300	6000	60	0.6	1100	Ø18.0x5.7
BMOV14D201KSCH	130	170	200(180~220)	50	340	6000	70	0.6	1000	Ø18.0x5.8
BMOV14D221KSCH	140	180	220(198~242)	50	360	6000	78	0.6	900	Ø18.0x5.8
BMOV14D241KSCH	150	200	240(216~264)	50	395	6000	84	0.6	830	Ø18.0x6.0
BMOV14D271KSCH	175	225	270(243~297)	50	455	6000	99	0.6	740	Ø18.0x6.2
BMOV14D301KSCH	190	250	300(270~330)	50	500	6000	108	0.6	670	Ø18.0x6.3
BMOV14D331KSCH	210	275	330(297~363)	50	550	6000	115	0.6	610	Ø18.0x6.5
BMOV14D361KSCH	230	300	360(324~396)	50	595	6000	130	0.6	560	Ø18.0x6.7

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (HxDxT)
14D 温度等级: -40℃~+105℃										
BMOV14D391KSCH	250	320	390(351~429)	50	650	6000	140	0.6	510	Ø18.0x6.9
BMOV14D431KSCH	275	350	430(387~473)	50	710	6000	155	0.6	460	Ø18.0x7.1
BMOV14D471KSCH	300	385	470(423~517)	50	775	6000	175	0.6	430	Ø18.0x7.4
BMOV14D511KSCH	320	415	510(459~561)	50	845	6000	180	0.6	390	Ø18.0x7.6
BMOV14D561KSCH	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D621KSCH	385	505	620(558~682)	50	1025	6000	190	0.6	320	Ø18.0x8.3
BMOV14D681KSCH	420	560	680(612~748)	50	1120	6000	200	0.6	290	Ø18.0x8.7
BMOV14D751KSCH	460	615	750(675~825)	50	1240	6000	210	0.6	270	Ø18.0x8.8
BMOV14D781KSCH	485	640	780(702~858)	50	1290	6000	220	0.6	260	Ø18.0x8.8
BMOV14D821KSCH	510	670	820(738~902)	50	1355	6000	235	0.6	240	Ø18.0x9.0
BMOV14D911KSCH	550	745	910(819~1001)	50	1500	6000	255	0.6	220	Ø18.0x9.0
BMOV14D102KSCH	625	825	1000(900~1100)	50	1650	6000	280	0.6	200	Ø18.0x9.5
BMOV14D112KSCH	680	895	1100(990~1210)	50	1815	6000	310	0.6	180	Ø18.0x10.0
BMOV14D122KSCH	750	990	1200(1080~1320)	50	1980	6000	324	0.6	160	Ø18.0x10.5
BMOV14D142KSCH	880	1140	1400(1260~1540)	50	2310	6000	327	0.6	150	Ø18.0x11.5
BMOV14D162KSCH	1000	1280	1600(1440~1760)	50	2640	6000	331	0.6	140	Ø18.0x12.5
BMOV14D182KSCH	1100	1465	1800(1620~1980)	50	2970	5000	335	0.6	130	Ø18.0x13.5
BMOV14D201KSCZ	130	170	200(180~220)	50	340	6000	70	0.6	1000	Ø18.0x5.8
BMOV14D221KSCZ	140	180	220(198~242)	50	360	6000	78	0.6	900	Ø18.0x5.8
BMOV14D241KSCZ	150	200	240(216~264)	50	395	6000	84	0.6	830	Ø18.0x6.0
BMOV14D271KSCZ	175	225	270(243~297)	50	455	6000	99	0.6	740	Ø18.0x6.2
BMOV14D301KSCZ	190	250	300(270~330)	50	500	6000	108	0.6	670	Ø18.0x6.3
BMOV14D331KSCZ	210	275	330(297~363)	50	550	6000	115	0.6	610	Ø18.0x6.5
BMOV14D361KSCZ	230	300	360(324~396)	50	595	6000	130	0.6	560	Ø18.0x6.7
BMOV14D391KSCZ	250	320	390(351~429)	50	650	6000	140	0.6	510	Ø18.0x6.9
BMOV14D431KSCZ	275	350	430(387~473)	50	710	6000	155	0.6	460	Ø18.0x7.1
BMOV14D471KSCZ	300	385	470(423~517)	50	775	6000	175	0.6	430	Ø18.0x7.4
BMOV14D511KSCZ	320	415	510(459~561)	50	845	6000	180	0.6	390	Ø18.0x7.6
BMOV14D561KSCZ	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D621KSCZ	385	505	620(558~682)	50	1025	6000	190	0.6	320	Ø18.0x8.3
BMOV14D681KSCZ	420	560	680(612~748)	50	1120	6000	200	0.6	290	Ø18.0x8.7
BMOV14D751KSCZ	460	615	750(675~825)	50	1240	6000	210	0.6	270	Ø18.0x8.7
BMOV14D781KSCZ	485	640	780(702~858)	50	1290	6000	220	0.6	260	Ø18.0x8.8
BMOV14D821KSCZ	510	670	820(738~902)	50	1355	6000	235	0.6	240	Ø18.0x9.0
BMOV14D911KSCZ	550	745	910(819~1001)	50	1500	6000	255	0.6	220	Ø18.0x9.1
BMOV14D102KSCZ	625	825	1000(900~1100)	50	1650	6000	280	0.6	200	Ø18.0x9.5
BMOV14D112KSCZ	680	895	1100(990~1210)	50	1815	6000	310	0.6	180	Ø18.0x10.0
BMOV14D122KSCZ	750	990	1200(1080~1320)	50	1980	6000	324	0.6	160	Ø18.0x10.5
BMOV14D142KSCZ	880	1140	1400(1260~1540)	50	2310	6000	327	0.6	150	Ø18.0x11.5

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (HxDxT)
14D 温度等级: -40℃~+105℃										
BMOV14D162KSCZ	1000	1280	1600(1440~1760)	50	2640	6000	331	0.6	140	Ø18.0x12.5
BMOV14D182KSCZ	1100	1465	1800(1620~1980)	50	2970	6000	335	0.6	130	Ø18.0x13.5
BMOV14D820KSCH35	50	65	82(74~90)	50	145	6000	27	0.6	2400	Ø18.0x5.3
BMOV14D101KSC35	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D101KSC37	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D101KYC	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D101KYT	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D101KSCH35	60	85	100(90~110)	50	165	6000	33	0.6	2000	Ø18.0x5.5
BMOV14D101KSCZ35	60	85	100(90~110)	50	165	6000	33	0.6	2000	Ø18.0x5.5
BMOV14D271KYCZ	175	225	270(243~297))	50	455	6000	99	0.6	740	Ø23.0x6.2
BMOV14D271KYC	175	225	270(243~297)	50	455	4500	70	0.6	740	Ø16.5x6.2
BMOV14D271KYC20	175	225	270(243~297)	50	455	4500	70	0.6	740	Ø16.5x6.2
BMOV14D271KYT	175	225	270(243~297)	50	455	4500	70	0.6	740	Ø16.5x6.2
BMOV14D331KYC	210	275	330(297~363)	50	550	4500	85	0.6	610	Ø16.5x6.5
BMOV14D331KYC20	210	275	330(297~363)	50	550	4500	85	0.6	610	Ø16.5x6.5
BMOV14D361KSC5P	210	275	330(297~363)	50	550	4500	85	0.6	610	Ø16.0x5.0
BMOV14D391KSCH35	250	320	390(351~429)	50	650	6000	140	0.6	510	Ø18.0x6.9
BMOV14D431KORH	275	350	430(387~473)	50	710	6000	155	0.6	460	Ø18.0x7.1
BMOV14D471KSC37	300	385	470(423~517)	50	775	4500	118	0.6	560	Ø18.0x7.4
BMOV14D471KYC35	300	385	470(423~517)	50	775	4500	118	0.6	560	Ø18.0x7.1
BMOV14D511KOCK33	320	415	510(459~561)	50	845	6000	180	0.6	390	Ø18.0x7.6
BMOV14D511KYCZ35	320	415	510(459~561)	50	845	6000	180	0.6	390	Ø18.0x7.6
BMOV14D561KSC35	350	460	560(504~616)	50	925	4500	125	0.6	360	Ø18.0x7.9
BMOV14D561KSCH35	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D561KSCZ35	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D561KSRH	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D561KYCZ35	350	460	560(504~616)	50	925	6000	185	0.6	360	Ø18.0x7.9
BMOV14D621KYC	385	505	620(558~682)	50	1025	4500	128	0.6	320	Ø16.5x8.2
BMOV14D621KYCZ	385	505	620(558~682)	50	1025	6000	190	0.6	320	Ø18.0x8.3
BMOV14D621KOTZ	385	505	620(558~682)	50	1025	6000	190	0.6	320	Ø18.0x8.3
BMOV14D681KOC35	420	560	680(612~748)	50	1120	4500	130	0.6	290	Ø18.0x8.6
BMOV14D681KOCH35	420	560	680(612~748)	50	1120	6000	200	0.6	290	Ø18.0x7.8
BMOV14D681KOTZ	420	560	680(612~748)	50	1120	6000	200	0.6	290	Ø18.0x8.7
BMOV14D681KSC35	420	560	680(612~748)	50	1120	4500	130	0.6	290	Ø18.0x6.6
BMOV14D681KYCZ35	420	560	680(612~748)	50	1120	6000	200	0.6	290	Ø18.0x8.6
BMOV14D751KORH	460	615	750(675~825)	50	1240	6000	210	0.6	270	Ø18.0x8.7
BMOV14D102KYCZ	625	825	1000(900~1100)	50	1650	6000	280	0.6	200	Ø18.0x9.5

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
14D 温度等级: -40℃~+125℃										
BMOV14D820KSCA	50	65	82(74~90)	50	145	4500	22	0.6	2400	Ø18.0x5.3
BMOV14D101KSCA	60	85	100(90~110)	50	165	4500	28	0.6	2000	Ø18.0x5.5
BMOV14D121KSCA	75	100	120(108~132)	50	200	4500	32	0.6	1700	Ø18.0x5.7
BMOV14D151KSCA	95	125	150(135~165)	50	250	4500	40	0.6	1300	Ø18.0x5.5
BMOV14D181KSCA	115	150	180(162~198)	50	300	4500	50	0.6	1100	Ø18.0x5.7
BMOV14D201KSCA	130	170	200(180~220)	50	340	4500	57	0.6	1000	Ø18.0x5.8
BMOV14D221KSCA	140	180	220(198~242)	50	360	4500	60	0.6	900	Ø18.0x5.8
BMOV14D241KSCA	150	200	240(216~264)	50	395	4500	63	0.6	830	Ø18.0x6.0
BMOV14D271KSCA	175	225	270(243~297)	50	455	4500	70	0.6	740	Ø18.0x6.2
BMOV14D301KSCA	190	250	300(270~330)	50	500	4500	77	0.6	670	Ø18.0x6.3
BMOV14D331KSCA	210	275	330(297~363)	50	550	4500	85	0.6	610	Ø18.0x6.5
BMOV14D361KSCA	230	300	360(324~396)	50	595	4500	93	0.6	560	Ø18.0x6.7
BMOV14D391KSCA	250	320	390(351~429)	50	650	4500	100	0.6	510	Ø18.0x6.9
BMOV14D431KSCA	275	350	430(387~473)	50	710	4500	115	0.6	460	Ø18.0x7.1
BMOV14D471KSCA	300	385	470(423~517)	50	775	4500	118	0.6	430	Ø18.0x7.4
BMOV14D511KSCA	320	415	510(459~561)	50	845	4500	121	0.6	390	Ø18.0x7.6
BMOV14D561KSCA	350	460	560(504~616)	50	925	4500	125	0.6	360	Ø18.0x57.9
BMOV14D621KSCA	385	505	620(558~682)	50	1025	4500	128	0.6	320	Ø18.0x8.3
BMOV14D681KSCA	420	560	680(612~748)	50	1120	4500	130	0.6	290	Ø18.0x8.7
BMOV14D751KSCA	460	615	750(675~825)	50	1240	4500	143	0.6	270	Ø18.0x8.7
BMOV14D781KSCA	485	640	780(702~858)	50	1290	4500	148	0.6	260	Ø18.0x8.8
BMOV14D821KSCA	510	670	820(738~902)	50	1355	4500	157	0.6	240	Ø18.0x9.0
BMOV14D911KSCA	550	745	910(819~1001)	50	1500	4500	175	0.6	220	Ø18.0x9.0
BMOV14D102KSCA	625	825	1000(900~1100)	50	1650	4500	190	0.6	200	Ø18.0x9.5
BMOV14D112KSCA	680	895	1100(990~1210)	50	1815	4500	213	0.6	180	Ø18.0x10
BMOV14D122KSCA	750	990	1200(1080~1320)	50	1980	4500	232	0.6	160	Ø18.0x10.5
BMOV14D142KSCA	880	1140	1400(1260~1540)	50	2310	4500	238	0.6	150	Ø18.0x11.5
BMOV14D162KSCA	1000	1280	1600(1440~1760)	50	2640	4500	243	0.6	140	Ø18.0x12.5
BMOV14D182KSCA	1100	1465	1800(1620~1980)	50	2970	4500	250	0.6	130	Ø18.0x13.5

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
20D 温度等级: -40℃~+105℃										
BMOV20D180KSC	11	12	18(15~21.6)	20	36	2000	11	0.2	28500	Ø23.0x4.7
BMOV20D220KSC	14	18	22(19.5~26)	20	43	2000	14	0.2	18500	Ø23.0x4.9
BMOV20D270KSC	17	22	27(24~31)	20	53	2000	16	0.2	13000	Ø23.0x5.1
BMOV20D330KSC	20	26	33(29.5~36.5)	20	65	2000	23	0.2	11500	Ø23.0x5.4
BMOV20D390KSC	25	31	39(35~43)	20	77	2000	2	0.2	8500	Ø23.0x5.5
BMOV20D470KSC	30	38	47(42~52)	20	93	2000	6	0.2	7400	Ø23.0x4.9
BMOV20D560KSC	35	45	56(50~62)	20	110	2000	30	0.2	6500	Ø23.0x5.1
BMOV20D680KSC	40	56	68(61~75)	20	135	2000	38	0.2	5800	Ø23.0x5.3
BMOV20D820KSC	50	65	82(74~90)	100	145	6500	41	1	4900	Ø23.0x4.7
BMOV20D101KSC	60	85	100(90~110)	100	165	6500	45	1	4000	Ø23.0x4.9
BMOV20D121KSC	75	100	120(108~132)	100	200	6500	50	1	3300	Ø23.0x5.1
BMOV20D151KSC	95	125	150(135~165)	100	250	6500	55	1	2700	Ø23.0x5.4
BMOV20D181KSC	115	150	180(162~198)	100	300	6500	70	1	2200	Ø23.0x4.7
BMOV20D201KSC	130	170	200(180~220)	100	340	6500	85	1	2000	Ø23.0x4.9
BMOV20D221KSC	140	180	220(198~242)	100	360	6500	95	1	1800	Ø23.0x4.9
BMOV20D241KSC	150	200	240(216~264)	100	395	6500	100	1	1650	Ø23.0x5.0
BMOV20D271KSC	175	225	270(243~297)	100	455	6500	108	1	1500	Ø23.0x5.2
BMOV20D301KSC	190	250	300(270~330)	100	500	6500	127	1	1300	Ø23.0x5.2
BMOV20D331KSC	210	275	330(297~363)	100	550	6500	136	1	1200	Ø23.0x5.4
BMOV20D361KSC	230	300	360(324~396)	100	595	6500	150	1	1100	Ø23.0x5.4
BMOV20D391KSC	250	320	390(351~429)	100	650	6500	163	1	1000	Ø23.0x5.6
BMOV20D431KSC	275	350	430(387~473)	100	710	6500	180	1	930	Ø23.0x5.9
BMOV20D471KSC	300	385	470(423~517)	100	775	6500	190	1	850	Ø23.0x6.0
BMOV20D511KSC	320	415	510(459~561)	100	845	6500	204	1	780	Ø23.0x6.2
BMOV20D561KSC	350	460	560(504~616)	100	925	6500	210	1	710	Ø23.0x6.5
BMOV20D621KSC	385	505	620(558~682)	100	1025	6500	215	1	650	Ø23.0x6.8
BMOV20D681KSC	420	560	680(612~748)	100	1120	6500	224	1	600	Ø23.0x7.1
BMOV20D751KSC	460	615	750(675~825)	100	1240	6500	230	1	530	Ø23.0x7.5
BMOV20D781KSC	485	640	780(702~858)	100	1290	6500	255	1	510	Ø23.0x7.7
BMOV20D821KSC	510	670	820(738~902)	100	1355	6500	265	1	500	Ø23.0x7.9
BMOV20D911KSC	550	745	910(819~1001)	100	1500	6500	282	1	440	Ø23.0x8.1
BMOV20D102KSC	625	825	1000(900~1100)	100	1650	6500	310	1	400	Ø23.0x8.6
BMOV20D112KSC	680	895	1100(990~1210)	100	1815	6500	342	1	360	Ø23.0x9.1
BMOV20D122KSC	750	990	1200(1080~1320)	100	1980	6500	383	1	350	Ø23.0x9.7
BMOV20D142KSC	880	1140	1400(1260~1540)	100	2310	6500	408	1	340	Ø23.0x11.2
BMOV20D162KSC	1000	1280	1600(1440~1760)	100	2640	6500	532	1	330	Ø23.0x11.8
BMOV20D182KSC	1100	1465	1800(1620~1980)	100	2970	6500	606	1	320	Ø23.0x12.8
BMOV20D180KSCH	11	12	18(15~21.6)	20	36	3000	13	0.2	28500	Ø23.0x4.7
BMOV20D220KSCH	14	18	22(19.5~26)	20	43	3000	16	0.2	18500	Ø23.0x4.9

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
20D 温度等级: -40℃~+105℃										
BMOV20D270KSCH	17	22	27(24~31)	20	53	3000	19	0.2	13000	Ø23.0x5.1
BMOV20D330KSCH	20	26	33(29.5~36.5)	20	65	3000	24	0.2	11500	Ø23.0x5.4
BMOV20D390KSCH	25	31	39(35~43)	20	77	3000	28	0.2	8500	Ø23.0x5.5
BMOV20D470KSCH	30	38	47(42~52)	20	93	3000	34	1	12000	Ø23.0x4.9
BMOV20D560KSCH	35	45	56(50~62)	20	110	3000	44	0.2	6500	Ø23.0x5.1
BMOV20D680KSCH	40	56	68(61~75)	20	135	3000	49	0.2	5800	Ø23.0x5.3
BMOV20D820KSCH	50	65	82(74~90)	100	145	10000	56	1	4900	Ø23.0x4.7
BMOV20D101KSCH	60	85	100(90~110)	100	165	10000	70	1	4000	Ø23.0x4.9
BMOV20D121KSCH	75	100	120(108~132)	100	200	10000	85	1	3300	Ø23.0x5.1
BMOV20D151KSCH	95	125	150(135~165)	100	250	10000	106	1	2700	Ø23.0x5.4
BMOV20D181KSCH	115	150	180(162~198)	100	300	10000	130	1	2200	Ø23.0x4.7
BMOV20D201KSCH	130	170	200(180~220)	100	340	10000	140	1	2000	Ø23.0x4.9
BMOV20D221KSCH	140	180	220(198~242)	100	360	10000	155	1	1800	Ø23.0x4.9
BMOV20D241KSCH	150	200	240(216~264)	100	395	10000	168	1	1650	Ø23.0x5.0
BMOV20D271KSCH	175	225	270(243~297)	100	455	10000	190	1	1500	Ø23.0x5.2
BMOV20D301KSCH	190	250	300(270~330)	100	500	10000	210	1	1300	Ø23.0x5.2
BMOV20D331KSCH	210	275	330(297~363)	100	550	10000	228	1	1200	Ø23.0x5.4
BMOV20D361KSCH	230	300	360(324~396)	100	595	10000	255	1	1100	Ø23.0x5.4
BMOV20D391KSCH	250	320	390(351~429)	100	650	10000	275	1	1000	Ø23.0x5.6
BMOV20D431KSCH	275	350	430(387~473)	100	710	10000	305	1	930	Ø23.0x5.9
BMOV20D471KSCH	300	385	470(423~517)	100	775	10000	350	1	850	Ø23.0x6.0
BMOV20D511KSCH	320	415	510(459~561)	100	845	10000	360	1	780	Ø23.0x6.2
BMOV20D561KSCH	350	460	560(504~616)	100	925	10000	380	1	710	Ø23.0x6.5
BMOV20D621KSCH	385	505	620(558~682)	100	1025	10000	390	1	650	Ø23.0x6.8
BMOV20D681KSCH	420	560	680(612~748)	100	1120	10000	400	1	600	Ø23.0x7.1
BMOV20D751KSCH	460	615	750(675~825)	100	1240	10000	420	1	530	Ø23.0x7.5
BMOV20D781KSCH	485	640	780(702~858)	100	1290	10000	440	1	510	Ø23.0x7.7
BMOV20D821KSCH	510	670	820(738~902)	100	1355	10000	460	1	500	Ø23.0x7.9
BMOV20D911KSCH	550	745	910(819~1001)	100	1500	10000	510	1	440	Ø23.0x8.1
BMOV20D102KSCH	625	825	1000(900~1100)	100	1650	10000	565	1	400	Ø23.0x8.6
BMOV20D112KSCH	680	895	1100(990~1210)	100	1815	10000	620	1	360	Ø23.0x9.1
BMOV20D122KSCH	750	990	1200(1080~1320)	100	1980	10000	660	1	350	Ø23.0x9.7
BMOV20D142KSCH	880	1140	1400(1260~1540)	100	2310	10000	784	1	340	Ø23.0x11.2
BMOV20D162KSCH	1000	1280	1600(1440~1760)	100	2640	10000	896	1	330	Ø23.0x11.8
BMOV20D182KSCH	1100	1465	1800(1620~1980)	100	2970	10000	990	1	320	Ø23.0x12.8
BMOV20D330KSR	20	26	33(29.5~36.5)	20	65	2000	23	0.2	11500	Ø23.0x5.4
BMOV20D680KSC35	40	56	68(61~75)	20	135	2000	41	0.2	5800	Ø23.0x5.3
BMOV20D680KSR	40	56	68(61~75)	20	135	2000	41	0.2	5800	Ø23.0x5.3
BMOV20D101KSCH35	60	85	100(90~110)	100	165	10000	70	1	4000	Ø23.0x4.9

产品型号 Part Number	最大允许应用电压 MaximumAllowable Voltage V_{AC}(V)	V_{DC}(V)	1mA压敏电压 VaristorVoltage VlmA(V)	最大钳位电压 MaximumClamping Voltage I_P(A)	V_C(V)	通流能力 Withstanding Surge Current I(A) Standard	焦耳值 Maximum Energy (10/1000μs) (J) Standard	额定功率 Rated Power (W)	典型电容值 Typical Capacitance (Reference)@ 1KHz(pf)	尺寸 Size (mm)
20D 温度等级: -40℃~+105℃										
BMOV20D121KSC35	75	100	120(108~132)	100	200	6500	55	1	3300	Ø23.0x4.9
BMOV20D431KYC35	275	350	430(387~473)	100	710	6500	190	1	930	Ø23.0x5.9
BMOV20D471KOC35	300	385	470(423~517)	100	775	6500	204	1	850	Ø21.5x5.6
BMOV20D511KSC35	320	415	510(459~561)	100	845	6500	210	1	780	Ø23.0x6.2
BMOV20D511KSRJ	320	415	510(459~561)	100	845	6500	210	1	780	Ø23.0x6.2
BMOV20D561KSC37	350	460	560(504~616)	100	925	6500	210	1	780	Ø23.0x6.5
BMOV20D561KSCZ	350	460	560(504~616)	100	925	10000	380	1	710	Ø23.0x6.5
BMOV20D561KSRZ	350	460	560(504~616)	100	925	10000	380	1	710	Ø23.0x6.5
BMOV20D621KOC35	350	460	560(504~616)	100	925	8000	224	1	650	Ø21.5x6.4
BMOV20D621KOCH30	385	505	620(558~682)	100	1025	10000	390	1	650	Ø23.0x6.8
BMOV20D621KOCH35	385	505	620(558~682)	100	1025	10000	390	1	650	Ø23.0x6.8
BMOV20D681KOCH35	420	560	680(612~748)	100	1120	10000	400	1.2	710	Ø22.5x7.0
BMOV20D681KYCH35	420	560	680(612~748)	100	1120	10000	400	1	600	Ø23.0x7.1
BMOV20D681KYRH	420	560	680(612~748)	100	1120	10000	400	1	600	Ø23.0x7.1
BMOV20D751KYCH35	460	615	750(675~825)	100	1240	10000	420	1	530	Ø23.0x7.5
BMOV20D751KYRH	460	615	750(675~825)	100	1240	10000	420	1	530	Ø23.0x7.5
BMOV20D821KOC35	510	670	820(738~902)	100	1355	6500	282	1	500	Ø21.5x7.1
BMOV20D821KSCZ	510	670	820(738~902)	150	1355	10000	460	1.2	1800	Ø23.0x7.9
BMOV20D821KYCH40	510	670	820(738~902)	150	1355	10000	460	1.2	1800	Ø23.0x7.9
BMOV20D102KYRH	625	825	1000(900~1100)	100	1650	6500	342	1	400	Ø23.0x4.9
BMOV20D102KYRJ	625	825	1000(900~1100)	100	1650	6500	342	1	400	Ø23.0x8.6

压敏复合气体管/BMG

产品型号 Part Number	压敏工作电压 UL MCOV UL (V)	推荐最大工作电压 Recommended MCOV (V)	UL认证最大工作电压 UL VOLTS (V)	压敏直流电压 MOV Voltage (V)	气体放电管直流开启电压 GDT Voltage (V)	平台电压 Platform voltage (V)	尖峰电压 Peak voltage (V)	通流能力 Withstanding Surge Current (kA)	最大能量 Maximum Energy (J)	结电容 Typical Capacitance (Reference) @1KHz(pf)	尺寸 Size (mm)
14D 温度等级: -40~105℃											
BMG14D820K091Y	52	55	70	82(74~90)	90(72~108)	≤150	≤710	3	27	5	Ø16.0x7.5
BMG14D820K351Y	52	60	70	82(74~90)	350(280~420)	≤150	≤1020	3	27	5	Ø16.0x7.5
BMG14D101K091Y	65	70	85	100(90~110)	90(72~108)	≤180	≤710	3	33	5	Ø16.0x7.5
BMG14D101K351Y	65	75	85	100(90~110)	350(280~420)	≤180	≤1020	3	33	5	Ø16.0x7.5
BMG14D121K091Y	75	80	100	120(108~132)	90(72~108)	≤210	≤710	3	40	5	Ø16.0x7.5
BMG14D121K351Y	75	90	100	120(108~132)	350(280~420)	≤210	≤1020	3	40	5	Ø16.0x7.5
BMG14D151K091Y	95	100	120	150(135~165)	90(72~108)	≤270	≤708	3	53	5	Ø16.0x8.0
BMG14D151K351Y	95	115	120	150(135~165)	350(280~420)	≤270	≤1020	3	53	5	Ø16.0x8.0
BMG14D181K091Y	115	120	150	180(162~198)	90(72~108)	≤320	≤710	3	60	5	Ø16.0x8.0
BMG14D181K351Y	115	135	150	180(162~198)	350(280~420)	≤320	≤1020	3	60	5	Ø16.0x8.0
BMG14D201K091Y	130	140	170	200(180~220)	90(72~108)	≤350	≤710	3	70	5	Ø16.0x8.0
BMG14D201K351Y	130	145	170	200(180~220)	350(280~420)	≤350	≤1020	3	70	5	Ø16.0x8.0
BMG14D221K351Y	140	150	185	220(198~242)	350(280~420)	≤390	≤1020	3	78	5	Ø16.0x8.0
BMG14D221K601Y	140	170	185	220(198~242)	600(480~720)	≤390	≤1320	3	78	5	Ø16.0x8.0
BMG14D241K351Y	150	160	200	240(216~264)	350(280~420)	≤430	≤1020	3	84	5	Ø16.0x8.0
BMG14D241K601Y	150	180	200	240(216~264)	600(480~720)	≤430	≤1320	3	84	5	Ø16.0x8.0
BMG14D271K351Y	175	190	230	270(243~297)	350(280~420)	≤480	≤1020	3	99	5	Ø16.0x8.0
BMG14D271K601Y	175	210	230	270(243~297)	600(480~720)	≤480	≤1320	3	99	5	Ø16.0x8.0
BMG14D301K351Y	190	200	250	300(270~330)	350(280~420)	≤530	≤1020	3	108	5	Ø16.0x8.5
BMG14D301K601Y	190	230	250	300(270~330)	600(480~720)	≤530	≤1320	3	108	5	Ø16.0x8.5
BMG14D331K351Y	210	220	280	330(297~363)	350(280~420)	≤580	≤1020	3	115	5	Ø16.0x8.5
BMG14D331K601Y	210	250	280	330(297~363)	600(480~720)	≤580	≤1320	3	115	5	Ø16.0x8.5
BMG14D361K351Y	230	240	300	360(324~396)	350(280~420)	≤640	≤1020	3	130	5	Ø16.0x8.5
BMG14D361K601Y	230	270	300	360(324~396)	600(480~720)	≤640	≤1320	3	130	5	Ø16.0x8.5
BMG14D391K351Y	250	260	330	390(351~429)	350(280~420)	≤690	≤1020	3	140	5	Ø16.0x9.0
BMG14D391K601Y	250	270	330	390(351~429)	600(480~720)	≤690	≤1320	3	140	5	Ø16.0x9.0
BMG14D391K102Y	250	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	3	140	5	Ø16.0x9.0
BMG14D431K601Y	275	300	360	430(387~473)	600(480~720)	≤760	≤1320	3	155	5	Ø16.0x9.0
BMG14D431K102Y	275	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	3	155	5	Ø16.0x9.0
BMG14D471K601Y	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	3	175	5	Ø16.0x9.0
BMG14D471K102Y	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	3	175	5	Ø16.0x9.0
BMG14D511K601Y	320	340	420	510(459~561)	600(480~720)	≤986	≤1320	3	180	5	Ø16.0x9.0
BMG14D511K102Y	320	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	3	180	5	Ø16.0x9.0
BMG14D561K601Y	350	370	460	560(504~616)	600(480~720)	≤986	≤1320	3	185	5	Ø16.0x9.0
BMG14D561K102Y	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D621K601Y	385	400	510	620(558~682)	600(480~720)	≤1100	≤1320	3	190	5	Ø16.0x10.0
BMG14D621K102Y	385	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	3	190	5	Ø16.0x10.0
BMG14D681K601Y	420	440	550	680(612~748)	600(480~720)	≤1200	≤1320	3	200	5	Ø16.0x10.0
BMG14D681K102Y	420	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	3	200	5	Ø16.0x10.0

产品型号 Part Number	压敏工作电压 UL MCOV UL (V)	推荐最大工作电压 Recommended MCOV (V)	UL认证最大工作电压 UL VOLTS (V)	压敏直流电压 MOV Voltage (V)	气体放电管直流开启电压 GDT Voltage (V)	平台电压 Platform voltage (V)	尖峰电压 Peak voltage (V)	通流能力 Withstanding Surge Current (kA)	最大能量 Maximum Energy (J)	结电容 Typical Capacitance (Reference) @1KHz(pf)	尺寸 Size (mm)
14D 温度等级: -40~105℃											
BMG14D751K601Y	460	480	600	750(675~825)	600(480~720)	≤1320	≤1320	3	210	5	Ø16.0x10.0
BMG14D751K102Y	460	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	3	210	5	Ø16.0x10.0
BMG14D361K601Y01	230	270	300	360(324~396)	800(640~960)	≤640	≤1560	3	130	5	Ø16.0x8.5
BMG14D391K601Y01	250	270	330	390(351~429)	800(640~960)	≤690	≤1560	3	140	5	Ø16.0x9.0
BMG14D431K601Y01	275	300	360	430(387~473)	800(640~960)	≤760	≤1560	3	155	5	Ø16.0x9.0
BMG14D471K601Y01	300	320	390	470(423~517)	800(640~960)	≤830	≤1560	3	175	5	Ø16.0x9.0
BMG14D511K601Y01	320	340	420	510(459~561)	800(640~960)	≤900	≤1560	3	180	5	Ø16.0x9.0
BMG14D561K601Y01	350	370	460	560(504~616)	800(640~960)	≤986	≤1560	3	185	5	Ø16.0x9.0
BMG14D621K601Y01	385	400	510	620(558~682)	800(640~960)	≤1100	≤1560	3	190	5	Ø16.0x10.0
BMG14D681K601Y01	420	440	550	680(612~748)	800(640~960)	≤1200	≤1560	3	200	5	Ø16.0x10.0
BMG14D751K601Y01	460	480	600	750(675~825)	800(640~960)	≤1320	≤1560	3	210	5	Ø16.0x10.0
BMG14D101K091F01	65	75	85	100(90~110)	200(160~220)	≤176	≤840	3	33	5	Ø16.0x7.5
BMG14D361K601F33	230	270	300	360(324~396)	800(640-960)	≤690	≤1560	3	140	5	Ø16.0x9.0
BMG14D361K601Y32	230	270	300	360(324~396)	800(640-960)	≤690	≤1560	3	140	5	Ø16.0x8.5
BMG14D431K601YP09	275	300	360	430(387~473)	600(480~720)	≤760	≤1320	3	155	5	Ø16.0x9.0
BMG14D431K601YRA	275	300	360	430(387~473)	600(480~720)	≤760	≤1320	3	155	5	Ø16.0x9.0
BMG14D471K601F60	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	3	175	5	Ø16.0x9.0
BMG14D471K102F35	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	3	175	5	Ø16.0x9.0
BMG14D471K102FTB	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	3	175	5	Ø16.0x9.0
BMG14D471K102YTC	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	3	175	5	Ø16.0x9.0
BMG14D561K601YRA	350	370	460	560(504~616)	600(480~720)	≤986	≤1320	3	185.9	5	Ø16.0x9.0
BMG14D471K601Y02	/	385	/	423~517	640~960	≤776	≤1440	3	/	10	Ø16.0x8.0
BMG14D471K601O35	300	390	/	470(423~517)	600(480~720)	≤830	≤1320	3	175	/	Ø16.0x9.0
BMG14D561K102F33	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D561K102F39	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D561K102FTB	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D561K102O35	/	/	460	504~616	800~1200	≤985	≤1800	3	185	10	Ø16.0x9.0
BMG14D561K102OTA	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D561K102YTB	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	3	185	5	Ø16.0x9.0
BMG14D621K102Y35	385	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	3	190	5	Ø18.0x10.0
14D 温度等级: -40℃~+125℃mm											
BMG14D271K601FD01	175	210	230	270(243~297)	1000(800~1200)	≤480	≤1800	3	99	5	Ø16.0x8.0
BMG14D271K601FD11	175	210	230	270(243~297)	1000(800~1200)	≤480	≤1800	5	105	5	Ø19.0x8.0
BMG14D331K601FG35	210	250	280	330(297-363)	600(480~720)	≤580	≤1320	3	115	5	Ø16.0x8.5
BMG14D391K102FD	250	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	3	140	5	Ø16.0x8.0
BMG14D471K601FG	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	3	175	5	Ø16.0x9.0
BMG14D681K102FD	420	520	550	680(612-748)	1000(800-1200)	≤830	≤1320	3	200	5	Ø16.0x10.0
BMG14D751K102FD	460	560	600	750(675-825)	1000(800-1200)	≤1320	≤1800	3	210	5	Ø16.0x10.0

压敏复合气体管/BMG

产品型号 Part Number	压敏工作电压 UL MCOV UL (V)	推荐最大工作电压 Recommended MCOV (V)	UI认证最大工作电压 UL VOLTS (V)	压敏直流电压 MOV Voltage (V)	气体放电管直流开启电压 GDT Voltage (V)	平台电压 Platform voltage (V)	尖峰电压 Peak voltage (V)	通流能力 Withstanding Surge Current (kA)	最大能量 Maximum Energy (J)	结电容 Typical Capacitance (Reference) @1KHz(pf)	尺寸 Size (mm)
20D 温度等级: -40℃~+105℃mm											
BMG20D820K091Y	52	55	70	82(74~90)	90(72~108)	≤150	≤710	5	56	5	Ø23.0x7.5
BMG20D820K351Y	52	60	70	82(74~90)	350(280~420)	≤150	≤1020	5	56	5	Ø23.0x7.5
BMG20D101K091Y	65	70	85	100(90~110)	90(72-108)	≤180	≤710	5	70	5	Ø23.0x7.5
BMG20D101K351Y	65	75	85	100(90~110)	350(280~420)	≤180	≤1020	5	70	5	Ø23.0x7.5
BMG20D121K091Y	75	80	100	120(108~132)	90(72~108)	≤210	≤710	5	85	5	Ø23.0x7.5
BMG20D121K351Y	75	90	100	120(108~132)	350(280~420)	≤210	≤1020	5	85	5	Ø23.0x7.5
BMG20D151K091Y	95	100	120	150(135~165)	90(72~108)	≤270	≤708	5	106	5	Ø23.0x8.0
BMG20D151K351Y	95	115	120	150(135~165)	350(280~420)	≤270	≤1020	5	106	5	Ø23.0x8.0
BMG20D181K091Y	115	120	150	180(162~198)	90(72~108)	≤320	≤710	5	130	5	Ø23.0x8.0
BMG20D181K351Y	115	135	150	180(162~198)	350(280~420)	≤320	≤1020	5	130	5	Ø23.0x8.0
BMG20D201K091Y	130	140	170	200(180~220)	90(72~108)	≤350	≤710	5	140	5	Ø23.0x8.0
BMG20D201K351Y	130	145	170	200(180~220)	350(280~420)	≤350	≤1020	5	140	5	Ø23.0x8.0
BMG20D221K351Y	140	150	185	220(198~242)	350(280~420)	≤390	≤1020	5	155	5	Ø23.0x8.0
BMG20D221K601Y	140	170	185	220(198~242)	600(480~720)	≤390	≤1320	5	155	5	Ø23.0x8.0
BMG20D241K351Y	150	160	200	240(216~264)	350(280~420)	≤430	≤1020	5	168	5	Ø23.0x8.0
BMG20D241K601Y	150	180	200	240(216~264)	600(480~720)	≤430	≤1320	5	168	5	Ø23.0x8.0
BMG20D271K351Y	175	190	230	270(243~297)	350(280~420)	≤480	≤1020	5	190	5	Ø23.0x8.0
BMG20D271K601Y	175	210	230	270(243~297)	600(480~720)	≤480	≤1320	5	190	5	Ø23.0x8.0
BMG20D301K351Y	190	200	250	300(270~330)	350(280~420)	≤530	≤1020	5	210	5	Ø23.0x8.5
BMG20D301K601Y	190	230	250	300(270~330)	600(480~720)	≤530	≤1320	5	210	5	Ø23.0x8.5
BMG20D331K351Y	210	220	280	330(297~363)	350(280~420)	≤580	≤1020	5	228	5	Ø23.0x8.5
BMG20D331K601Y	210	250	280	330(297~363)	600(480~720)	≤580	≤1320	5	228	5	Ø23.0x8.5
BMG20D361K351Y	230	240	300	360(324~396)	350(280~420)	≤640	≤1020	5	255	5	Ø23.0x8.5
BMG20D361K601Y	230	270	300	360(324~396)	600(480~720)	≤640	≤1320	5	255	5	Ø23.0x8.5
BMG20D391K351Y	250	260	330	390(351~429)	350(280~420)	≤690	≤1020	5	275	5	Ø23.0x9.0
BMG20D391K102Y	250	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	5	275	5	Ø23.0x9.0
BMG20D431K601Y	275	300	360	430(387~473)	600(480~720)	≤760	≤1320	5	305	5	Ø23.0x9.0
BMG20D431K102Y	275	330	360	430(387~473)	1000(800~1200)	≤760	≤1800	5	305	5	Ø23.0x9.0
BMG20D471K601Y	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	5	350	5	Ø23.0x9.0
BMG20D471K102Y	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	5	350	5	Ø23.0x9.0
BMG20D511K601Y	320	340	420	510(459~561)	600(480~720)	≤986	≤1320	5	360	5	Ø23.0x9.0
BMG20D511K102Y	320	390	420	510(459~561)	1000(800~1200)	≤900	≤1800	5	360	5	Ø23.0x9.0
BMG20D561K601Y	350	370	460	560(504~616)	600(480~720)	≤986	≤1320	5	380	5	Ø23.0x9.0
BMG20D561K102Y	350	420	460	560(504~616)	1000(800~1200)	≤990	≤1800	5	380	5	Ø23.0x9.0
BMG20D621K601Y	385	400	510	620(558~682)	600(480~720)	≤1100	≤1320	5	390	5	Ø23.0x10.0
BMG20D621K102Y	385	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	5	390	5	Ø23.0x10.0
BMG20D681K601Y	420	440	550	680(612~748)	600(480~720)	≤1200	≤1320	5	400	5	Ø23.0x10.0
BMG20D681K102Y	420	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	5	400	5	Ø23.0x10.0
BMG20D751K601Y	460	480	600	750(675~825)	600(480~720)	≤1320	≤1320	5	420	5	Ø23.0x10.0

产品型号 Part Number	压敏工作电压 UL MCOV UL (V)	推荐最大工作电压 Recommended MCOV (V)	UI认证最大工作电压 UL VOLTS (V)	压敏直流电压 MOV Voltage (V)	气体放电管直流开启电压 GDT Voltage (V)	平台电压 Platform voltage (V)	尖峰电压 Peak voltage (V)	通流能力 Withstanding Surge Current (kA)	最大能量 Maximum Energy (J)	结电容 Typical Capacitance (Reference) @1KHz(pf)	尺寸 Size (mm)
20D 温度等级: -40℃~+105℃mm											
BMG20D751K102Y	460	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	5	420	5	Ø23.0x10.0
BMG20D102K212Y	/	625	/	1000(900-1100)	2100(1680~2520)	≤1760	≤3120	5	560	5	Ø24.0x16.0
BMG20D271K601F60	175	210	230	270(243~297)	600(480~720)	≤480	≤1320	5	190	5	Ø23.0x8.0
BMG20D271K601Y01	175	210	230	270(243~297)	800(640~960)	≤480	≤1560	5	190	5	Ø23.0x8.0
BMG20D391K102FRA	250	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	5	275	5	Ø23.0x9.0
BMG20D471K601F05	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	5	350	5	Ø23.0x9.0
BMG20D471K601F60	300	320	390	470(423~517)	600(480~720)	≤830	≤1320	5	350	5	Ø23.0x9.0
BMG20D471K102F35	300	360	390	470(423~517)	1000(800-1200	≤830	≤1800	5	350	5	Ø23.0x9.0
BMG20D471K102Y01	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	5	350	5	Ø23.0x9.0
BMG20D471K102Y02	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	5	350	5	Ø23.0x9.0
BMG20D471K102Y35	300	360	390	470(423~517)	1000(800~1200)	≤830	≤1800	5	350	5	Ø23.0x9.0
BMG20D471K601YRA	300	360	390	470(423~517)	600(480~720)	≤830	≤1320	5	350	5	Ø23.0x9.0
BMG20D561K601Y01	350	370	460	560(504~616)	800(640~960)	≤986	≤1560	5	380	5	Ø23.0x9.0
BMG20D561K601Y02	350	370	460	560(504~616)	600(480~720)	≤986	≤1320	5	380	5	Ø23.0x9.0
BMG20D471K601O	300	390	/	470(423~517)	600(480~720)	≤830	≤1320	3	350	/	Ø23.0x9.0
BMG20D471K601O01	/	390	/	423-517	640~960	≤827	≤1560	10	/	10	Ø23.0x9.0
BMG20D471K601O08	300	390	/	470(423~517)	600(480~720)	≤830	≤1320	5	350	/	Ø23.0x9.0
BMG20D621K601Y01	385	400	510	620(558~682)	800(640~960)	≤1100	≤1560	5	390	5	Ø23.0x10.0
BMG20D561K102F05	350	420	460	560(504~616)	1000(800-1200)	≤990	≤1800	5	380	5	Ø23.0x9.0
BMG20D561K102Y01	/	420	/	459~561	800~1200	≤990	≤1800	5	/	10	Ø23.0x10.0
BMG20D681K601F60	420	440	550	680(612~748)	600(480~720)	≤1200	≤1320	5	400	5	Ø23.0x10.0
BMG20D561K102O	350	460	/	560(504~616)	1000(800~1200)	≤990	≤1800	3	380	/	Ø23.0x9.0
BMG20D561K102O08	350	460	/	560(504~616)	1000(800~1200)	≤990	≤1800	5	380	/	Ø23.0x9.0
BMG20D561K601YT08	350	460	/	560(504~616)	800(640~960)	≤986	≤1560	5	380	/	Ø23.0x9.0
BMG20D621K102Y35	385	460	510	620(558~682)	1000(800~1200)	≤1100	≤1800	5	390	5	Ø23.0x10.0
BMG20D681K102F	420	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	5	400	5	Ø23.0x9.0
BMG20D681K102F04	420	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	5	400	5	Ø23.0x9.0
BMG20D681K102F05	420	520	550	680(612~748)	1000(800~1200)	≤1200	≤1800	5	400	5	Ø23.0x9.0
BMG20D681K601O08	440	550	/	680(612~748)	600(480~720)	≤1200	≤1320	5	350	/	Ø23.0x10.0
BMG20D751K102F60	460	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	5	420	5	Ø23.0x10.0
BMG20D751K102Y01	/	560	/	675~825	800~1200	≤1320	≤1800	5	420	10	Ø23.0x12
BMG20D751K102Y60	460	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	5	420	5	Ø23.0x10.0
BMG20D751K102F15	460	560	600	750(675~825)	1000(800~1200)	≤1320	≤1800	10	450	5	Ø25.0x10.0
20D 温度等级: -40℃~+125℃mm											
BMG20D271K601FS01	175	210	230	270(243~297)	800(640~960)	≤480	≤1560	5	190	5	Ø23.0x8.0
BMG20D271K601FSi	175	210	230	270(243~297)	600(480~720)	≤480	≤1320	5	190	5	Ø23.0x8.0
BMG20D391K102FSi	250	310	330	390(351~429)	1000(800~1200)	≤690	≤1800	5	190	5	Ø23.0x8.0

半导体放电管/TSS 瞬态抑制二极管/TVS

□尺寸(mm) ○电压范围 △通流能力

BVF-D5
□ 1.6x0.8x0.6
○ 5V
△ 12A@8/20μs

SOD123
□ 2.7x1.8x1.0
○ 6V
△ 36A@8/20μs

SOT23-5
□ 3x2.8x1.25
○ 8V~24V
△ 50A@8/20μs

SMA
□ 5.3x2.9x2.5
○ 5V~440V
△ 400W

6SMA
□ 5.3x2.9x2.5
○ 5V~440V
△ 600W

SMAF
□ 4.7x2.6x1.1
○ 5V~440V
△ 400W

6SMAF
□ 4.7x2.6x1.1
○ 5V~440V
△ 600W

SMB
□ 5.5x3.8x2.6
○ 5V~480V
△ 600W

8SMB
□ 5.5x3.8x2.6
○ 5V~480V
△ 800W

SMBF
□ 5.8x4.4x2.8
○ 5V~200V
△ 1500W

3SMBF
□ 5.8x4.4x2.8
○ 20V~200V
△ 3000W

5SMBF
□ 5.8x4.4x2.8
○ 30V~200V
△ 5000W

SMB-T
□ 5.4x3.3x2
○ 6V~400V
△ 200A~1000A @8/20μs

BVF-MD2
□ 5.4x3.3x2
○ 15V~28V
△ 250A~500A @8/20μs

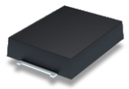
SOP-8
□ 6.0x4.9x1.5
○ 3.3V~58V
△ 450W~2700W @8/20μs

SMC
□ 8.3x6.2x3.0
○ 5V~440V
△ 1500W

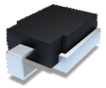
SMC-T
□ 8x5.9x2
○ 8V~58V
△ 3000W

SMD
□ 8.3x6.2x3.0
○ 5V~170V
△ 3000W

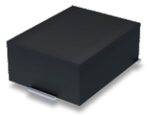
5SMD
□ 8.3x6.2x3.0
○ 15V~85V
△ 5000W



SMK
□ 10.6x8.3x2.3
○ 15V~400V
△ 1kA-3kA@8/20μs



SM8S
□ 15.5x10x4.9
○ 10V~43V
△ 6600W



BVS-SME
□ 18.3x14x7
○ 66V~86V
△ 10kA@8/20μs

BVO-SMG
□ 24.0x23.5x13.8
○ 76V
△ 10kA@8/20μs

静电保护器件/ESD 稳压管/Zener

□尺寸(mm) ○电压范围 △通流能力

DFN0603
□ 0.6x0.3x0.3
○ 3.3V-12V
△ 42W~120W@8/20μs

DFN1006
□ 1.0x0.6x0.5
○ 2.5V~36V
△ 20W~600W@8/20μs

SOD923
□ 1.1x0.7x0.5
○ 3.3V~5V
△ 21W~42.4W@8/20μs

SOD523
□ 1.6x0.8x0.6
○ 5V~24V
△ 30W~300W@8/20μs

DFN1610
□ 1.6x1x0.5
○ 3.3V~15V
△ 100W~1800W@8/20μs

SOT553
□ 1.6x1.0x0.6
○ 5V
△ 60w@8/20vs

SOT563
□ 1.6x1.2x0.6
○ 5V
△ 60W@8/20μs

SOT523
□ 1.6x1.6x0.8
○ 5V
△ 60W~100W@8/20μs

DFN2010
□ 2.0x1.0x0.4
○ 3V~5V
△ 75W~200W@8/20μs

SOT-363
□ 2.2x1.4x1.0
○ 5V
△ 75W@8/20μs

SOT-323
□ 2.0x2.3x1.0
○ 5~24V
△ 45~200W@8/20μs

DFN2020
□ 2x2x0.5
○ 4.5V~24V
△ 2900W~6000W@8/20μs

DFN2510
□ 2.5x1x0.5
○ 3.3V-5V
△ 45W~100W@8/20μs

SOD323
□ 2.5x1.3x1.0
○ 2.5V~36V
△ 150W~2200W@8/20μs

SOT143
□ 2.9x2.4x1
○ 5V
△ 125W@8/20μs

SOT23-3
□ 3.0x2.8x1.3
○ 3.3V~36V
△ 60W~400W@8/20μs

SOT23-6
□ 3.0x2.8x1.3
○ 3.3V-5V
△ 75W@8/20μs

车规级TVS (符合AEC-Q 101规范)

□尺寸(mm) ○电压范围 △通流能力

DFN1006
□ 1.0x0.6x0.5
○ 5V
△ 60W

SOD323
□ 2.5x1.3x1.0
○ 2.5~36V
△ 150W~352W

DFN2510
□ 2.5x1.0x0.58
○ 5V
△ 45W

SOD523
□ 1.6x0.8x0.6
○ 5V
△ 150W

SOT23-3
□ 3.0x2.8x1.3
○ 3.3~36V
△ 225W~380W

SMA
□ 5.3x2.9x2.5
○ 5V~110V
△ 400W

SMB
□ 5.5x3.8x2.6
○ 5V~110V
△ 600W

SMC
□ 8.3x6.2x3.0
○ 5V~110V
△ 1500W

5SMD
□ 8.0x5.9x2.6
○ 11V~110V
△ 5000W

SM8S
□ 15.5x10x4.9
○ 10~43V
△ 6600W

TSS

BS ❶ 0060 ❷ N ❸ - C ❹ - F ❺

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

❶ Bencent TSS Series
❷ TSS Off-State Voltage：0060=6x10⁰=6V
❸ Package Form：M=SMA；N=SMB；N-2=SMB-T；U-2=SMC-T；L=DO-15；K=DO-41；Q=DFN；D=SOD123/SOD123-F
❹ Surge Classification：A=2kV；B=4kV；C=6kV；D=8kV；E=10kV
❺ Flat Lead: Flat pin. Example: model N-XX-F corresponds to SMB-F package.

BVO

BVO ❶ - SMG ❷ 76 ❸ C ❹ A ❺

❶ BVO为槟城TVS开路保护器件
❷ 封装类型SMD类贴片封装
❸ TVS关断电压：76=76V
❹ 极性：C为双向TVS；无C为单向TVS
❺ 后缀："A"表示5%的容差

❶ BVO is Bencent's open-circuit protection type of TVS device.
❷ Package Type: SMD Surface Mount Package
❸ Off-state Voltage of TVS: 76 = 76V
❹ Polarity: C=Bidirectional, Blank=Unidirectional
❺ Suffix: A = 5% tolerance

Zener

BW ❶ - D1 ❷ A ❸ 5V1 ❹ T1 ❺ G ❻ - 2 ❼

D1	SOD123
D3	SOD323
D5	SOD523
TA	SOT23

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

❶ Bencent Zener Series
❷ Package Type (See right table for model details)
❸ Product Power：Z=150mW；A=200mW；B=250mW；C=300mW；D=350mW；G=500mW
❹ Nominal Zener Voltage: 5V1 = 5.1 V
❺ Package: T/R, 3K/R
❻ Complies with green & eco-friendly standards
❼ Operating Voltage Range：2=±2%；5=±5%；6=±6%

半导体类器件命名规则/Nomenclature Rules for Semiconductor Devices

TVS

BV ❶ - SMAJ ❷ 28 ❸ C ❹ A ❺ I ❻ - 1 ❼

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

❶ BV：Bencent TVS Series
❷ Package Type (Refer to right table for model details)
❸ TVS Stand-off Voltage：28=28V
❹ Polarity: C=Bidirectional, No C=Unidirectional
❺ Suffix: A = 5% tolerance
❻ Special Product: Q=Automotive grade; I/M/H/L/K=Different surge capacity; 2M/2H/2D=2-die process
❼ Bencent Internal Code

SMAJ	SMA 400W	5.3x2.9x2.5 mm
6SMAF	SMA-F 600W	4.8x2.7x1.2 mm
SMBJ	SMB 600W	5.5x3.8x2.6 mm
8SMBJ	SMB 800W	5.5x3.8x2.6 mm
1KSMB	SMB 1000W	5.5x3.8x2.6 mm
SMBF	SMB-F 1500W	5.9x4.4x2.8 mm
3SMBF	SMB-F 3000W	5.9x4.4x2.8 mm
5SMBF	SMB-F 5000W	5.9x4.4x2.8 mm
SMCJ	SMC 1500W	8.3x6.2x3.0 mm
SMDJ	SMC 3000W	8.3x6.2x3.0mm
5SMDJ	SMC 5000W	8.3x6.2x3.0 mm
SMKJ	SMK	10.0x8.2x2.2 mm
SMEJ	SME	18.3x14.0x7.5 mm
SMG	SMG	24.0x23.5x13.8 mm

ESD

BV ❶ - T3 ❷ 24 ❸ Z ❹ 2 ❺ C ❻ B ❼ Q ❽

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

❶ Bencent TVS Series
❷ Package Type (Refer to right table for model details)
❸ TVS Voltage：24=24V
❹ Cap Grade: Z=Standard; U=Low Cap
❺ Protection Circuit: 6=6-line;4=4-line;2=2-line; Blank=1-line standard
❻ Polarity: C=Bidirectional, No C=Unidirectional
❼ Bencent Internal Code
❽ AEC-Q101 Qualified

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

产品型号 Part Number	不动作电压 Offstate Voltage V_{DRM} (V)	I_D(μA) Max	转折电压 Switching Voltage V_S(V) Max	I_S (mA)	通态电压 On state Voltage V_T(V) Max	I_T (A)	最小维持电流 Holding Current I_H(mA)	结电容 C_O(pF) Max	测试波形 SurgeWaveform 10/700μs	8/20μs	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
SMA 尺寸/Size(LxWxH): 5.3x3x2.5mm													
BS0060M	6	5	25	800	4	2.2	≥50	50	2kV	/	B006MXXXX	/	MSL1
BS0060M-2	6	5	25	800	4	2.2	≥10	10	3kV	72A	B006M-2XXXX	/	MSL1
BS0060M-3	6	5	25	800	4	2.2	≥10	20	/	96A	B006M-3XXXX	/	MSL1
BS0060M-BH	6	5	25	800	4	2.2	≥10	20	4kV	/	6MLCXXXX	/	MSL1
BS0060M-BK	6	5	25	800	4	2.2	≥10	27	4kV	150A	6MLKXXXX	/	MSL1
BS0080M	6	5	15	800	4	2.2	≤50	60	3kV	/	B008MXXXX	/	MSL1
BS0300M	25	5	40	800	4	2.2	≥50	60	2kV	/	B03MAXXXX	/	MSL1
BS4000M	400	5	520	800	4	2.2	≥15	50	4kV	/	B40NBXXXX	/	MSL1
SMB 尺寸/Size(LxWxH): 5.7x3.9x2.6mm													
BS0060N	6	5	25	800	4	2.2	≥15	100	4kV	/	B006NBXXXX	/	MSL1
BS0060N-1	6	5	25	800	8	2.2	≥5	11	4kV	/	B006NBXXXX	/	MSL1
BS0060N-C	6	5	25	800	4	2.2	≥15	100	6kV	400A	B006NCXXXX	/	MSL1
BS0060N-C-1	6	5	25	800	4	2.2	≥15	100	6kV	400A	B006NCXXXX	/	MSL1
BS0060N-CC	6	5	25	800	4	2.2	≥15	100	6kV	/	6NCCXXXX	/	MSL1
BS0120N-D	12	1	16	800	4	2.2	≥10	150	8kV	600A	B12NDXXXX	/	MSL1
BS0150N-D	15	5	25	800	4	2.2	≥30	150	8kV	/	B15NDXXXX	/	MSL1
BS0300N-C	25	5	40	800	4	2.2	≥50	100	8kV	/	B03NCXXXX	/	MSL1
BS0300N-C-H	25	5	40	800	4	2.2	≥50	100	6kV	300A	B03NCXXXX	/	MSL1
BS0640N-C	58	5	77	800	4	2.2	≥150	100	6kV	/	B06NCXXXX	/	MSL1
BS0640N-C-1	58	5	80	800	4	2.2	≥150	40	6kV	/	B06NCXXXX	/	MSL1
BS1500N	140	5	180	800	4	2.2	≥150	150	4kV	500A	B15NBXXXX	/	MSL1
BS2300N-C	190	5	260	800	4	2.2	≥150	45	6kV	300A	B23NCXXXX	/	MSL1
BS2300N-E-H	190	5	260	800	4	2.2	5≤IH≤150	70	/	800A	B23NHXXXX	/	MSL1
BS2600N-E	220	5	300	800	4	2.2	5≤IH≤40	120	8kV	800A	B26NEXXXX	/	MSL1
BS2600N-E-H	220	5	300	800	4	2.2	5≤IH≤30	120	/	900A	B26NHXXXX	/	MSL1
BS3100N-C	275	5	350	800	4	2.2	≥150	60	6kV	400A	B31NCXXXX	/	MSL1
BS3100N-C-H	275	5	350	800	4	2.2	≥150	70	6kV	400A	B31NCXXXX	/	MSL1
BS3100N	275	5	350	800	4	2.2	≥150	60	4kV	/	B31NBXXXX	/	MSL1
BS3500N	320	5	400	800	4	2.2	≥150	25	4kV	/	B35NBXXXX	/	MSL1
BS3500N-A	320	5	400	800	4	2.2	≥150	20	3kV	/	B35NAXXXX	/	MSL1
BS3500N-C-H	320	5	400	800	4	2.2	≥150	65	6kV	/	B35NCXXXX	/	MSL1
BS3500N-C	320	5	400	800	4	2.2	≥150	35	6kV	/	B35NCXXXX	/	MSL1
BS4200N-C-2	400	10	520	800	4	2.2	≤100	100	6kV	/	B42NCXXXX	/	MSL1
BS4200N-C-3	400	10	520	800	4	2.2	≤150	60	8kV	/	B42NCXXXX	/	MSL1
BS1801N-C-1	1500	5	2160	800	4	2.2	≥100	50	6kV	/	B160NCXXXX	/	MSL1
SMB-F 尺寸/Size(LxWxH): 5.7x3.6x2.3mm													
BS0060N-C-F	6	5	25	800	4	2.2	≥15	100	6kV	400A	B006NCXXXX	/	MSL1

产品型号 Part Number	不动作电压 Offstate Voltage V_{DRM} (V)	I_D(μA) Max	转折电压 Switching Voltage V_S(V) Max	I_S (mA)	通态电压 On state Voltage V_T(V) Max	I_T (A)	最小维持电流 Holding Current I_H(mA)	结电容 C_O(pF) Max	测试波形 SurgeWaveform 10/700μs	8/20μs	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
SMB-F 尺寸/Size(LxWxH): 5.7x3.6x2.3mm													
BS0060N-C-FC	6	5	25	800	4	2.2	≥15	100	6kV	/	6NCCXXXX	/	MSL1
BS0300N-C-F	25	5	40	800	4	2.2	≥50	100	8kV	/	B03NCXXXX	/	MSL1
BS0640N-C-F	58	5	77	800	4	2.2	≥150	100	6kV	/	B06NCXXXX	/	MSL1
BS1300N-2C	120	5	160	800	4	2.2	≥120	85	6kV	400A	B13N2CXXXX	/	MSL1
BS1300N-C-F	120	5	160	800	4	2.2	≥120	85	6kV	400A	B13NCXXXX	/	MSL1
BS2300N-A-F	190	1	260	800	4	2.2	≥150	25	3kV	/	B23NAXXXX	/	MSL1
BS2300N-C-F	190	5	260	800	4	2.2	≥150	45	6kV	300A	B23NCXXXX	/	MSL1
BS3100N-C-F	275	5	350	800	4	2.2	≥120	80	6kV	300A	B31NCXXXX	/	MSL1
BS3100N-E-F	275	5	350	800	4	2.2	≥50	100	/	/	B31NEXXXX	/	MSL1
BS3500N-C-F	320	5	400	800	4	2.2	≥150	35	6kV	/	B35NCXXXX	/	MSL1
BS4200N-C-F	400	10	520	800	4	2.2	≤50	35	6kV	/	B42NCXXXX	/	MSL1
BS4200N-C-FC	400	10	520	800	4	2.2	≤50	80	6kV	/	B42NCCXXXX	/	MSL1
BS8000N-C-F	750	5	1000	800	4	2.2	≤50	50	6kV	/	B80NCXXXX	/	MSL1
BS8000N-C-L	750	5	1000	800	4	2.2	≤50	50	6kV	/	B80NCXXXX	/	MSL1
BS8000N-C-F-H	800	5	1200	800	4	2.2	≤50	50	6kV	/	B80NHXXXX	/	MSL1
SMB-T 尺寸/Size(LxWxH): 5.7x3.6x2.3mm													
BS0060N-2B	6	5	25	800	4	2.2	≥15	90	4kV	130A	B006N2BXXXX	/	MSL1
BS0060N-2C	6	5	25	800	4	2.2	≥15	120	6kV	400A	B006N2CXXXX	/	MSL1
BS0300N-2C	25	5	40	800	4	2.2	≥50	100	8kV	400A	B03N2CXXXX	/	MSL1
BS0640N-2C	58	5	77	800	4	2.2	≥150	100	6kV	/	B06N2CXXXX	/	MSL1
BS1100N-2A1-1	95	5	130	800	4	2.2	≥120	200	2kV	/	B11N2A1XXXX	/	MSL1
BS3500N-2B	320	5	400	800	4	2.2	≥10	50	4kV	/	B35N2BXXXX	/	MSL1
BS3500N-2C	320	5	520	800	4	2.2	≤400	35	6kV	/	B35N2CXXXX	/	MSL1
BS4200N-2C	400	5	520	800	4	2.2	≤50	35	6kV	/	B422NCXXXX	/	MSL1
BS8000N-2C	750	5	1000	800	4	2.2	≥50	50	6kV	/	B80N2CXXXX	/	MSL1
SMC 尺寸/Size(LxWxH): 8.3x6.2x3.0mm													
BS2600U-E-H	220	5	300	800	4	2.2	5≤IH≤50	220	1500A	1500A	B26UHXXXX	/	MSL1
BS2600U-EHQ	220	5	300	800	4	2.2	5≤IH≤50	200	1500A	1500A	B26UQXXXX	/	MSL1
BS2600U-GHQ	220	5	300	800	4	2.2	55	350	1500A	1500A	B26UQXXXX	/	MSL1
SMC-T 尺寸/Size(LxWxH): 8.3x6.2x2.2mm													
BS0060U-2G-1	6	5	25	800	4	2.2	≥40	700	/	3000A	B0060U2G1XXXX	/	MSL1
SMK 尺寸/Size(LxWxH): 10.6x8.3x2.3mm													
BS0850S-E1-H	76	10	85	800	4	2.2	≥150	650	/	10000A	B085EXXXX	/	MSL1

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMA		尺寸/Size(LxWxH): 5.3x3.0x2.5mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMAJ5CAQ	BV-SMAJ5AQ	5	800	6.4	7	10	9.2	43.5	400	10/1000	A5C	A5
BV-SMAJ6CAQ	BV-SMAJ6AQ	6	800	6.67	7.37	10	10.3	38.8	400	10/1000	A6C	A6
BV-SMAJ6.5CAQ	BV-SMAJ6.5AQ	6.5	500	7.22	7.98	10	11.2	35.7	400	10/1000	A6.5C	A6.5
BV-SMAJ7CAQ	BV-SMAJ7AQ	7	200	7.78	8.6	10	12	33.3	400	10/1000	A7C	A7
BV-SMAJ7.5CAQ	BV-SMAJ7.5AQ	7.5	100	8.33	9.21	1	12.9	31	400	10/1000	A7.5C	A7.5
BV-SMAJ8CAQ	BV-SMAJ8AQ	8	50	8.89	9.83	1	13.6	29.4	400	10/1000	A8C	A8
BV-SMAJ8.5CAQ	BV-SMAJ8.5AQ	8.5	20	9.44	10.4	1	14.4	27.8	400	10/1000	A8.5C	A8.5
BV-SMAJ9CAQ	BV-SMAJ9AQ	9	10	10	11.1	1	15.4	26	400	10/1000	A9C	A9
BV-SMAJ10CAQ	BV-SMAJ10AQ	10	5	11.1	12.3	1	17	23.5	400	10/1000	A10C	A10
BV-SMAJ11CAQ	BV-SMAJ11AQ	11	1	12.2	13.5	1	18.2	22	400	10/1000	A11C	A11
BV-SMAJ12CAQ	BV-SMAJ12AQ	12	1	13.3	14.7	1	19.9	20.1	400	10/1000	A12C	A12
BV-SMAJ13CAQ	BV-SMAJ13AQ	13	1	14.4	15.9	1	21.5	18.6	400	10/1000	A13C	A13
BV-SMAJ14CAQ	BV-SMAJ14AQ	14	1	15.6	17.2	1	23.2	17.2	400	10/1000	A14C	A14
BV-SMAJ15CAQ	BV-SMAJ15AQ	15	1	16.7	18.5	1	24.4	16.4	400	10/1000	A15C	A15
BV-SMAJ16CAQ	BV-SMAJ16AQ	16	1	17.8	19.7	1	26	15.4	400	10/1000	A16C	A16
BV-SMAJ17CAQ	BV-SMAJ17AQ	17	1	18.9	20.9	1	27.6	14.5	400	10/1000	A17C	A17
BV-SMAJ18CAQ	BV-SMAJ18AQ	18	1	20	22.1	1	29.2	13.7	400	10/1000	A18C	A18
BV-SMAJ20CAQ	BV-SMAJ20AQ	20	1	22.2	24.5	1	32.4	12.3	400	10/1000	A20C	A20
BV-SMAJ22CAQ	BV-SMAJ22AQ	22	1	24.4	26.9	1	35.5	11.3	400	10/1000	A22C	A22
BV-SMAJ24CAQ	BV-SMAJ24AQ	24	1	26.7	29.5	1	38.9	10.3	400	10/1000	A24C	A24
BV-SMAJ26CAQ	BV-SMAJ26AQ	26	1	28.9	31.9	1	42.1	9.5	400	10/1000	A26C	A26
BV-SMAJ28CAQ	BV-SMAJ28AQ	28	1	31.1	34.4	1	45.4	8.8	400	10/1000	A28C	A28
BV-SMAJ30CAQ	BV-SMAJ30AQ	30	1	33.3	36.8	1	48.4	8.3	400	10/1000	A30C	A30
BV-SMAJ33CAQ	BV-SMAJ33AQ	33	1	36.7	40.6	1	53.3	7.5	400	10/1000	A33C	A33
BV-SMAJ36CAQ	BV-SMAJ36AQ	36	1	40	44.2	1	58.1	6.9	400	10/1000	A36C	A36
BV-SMAJ40CAQ	BV-SMAJ40AQ	40	1	44.4	49.1	1	64.5	6.2	400	10/1000	A40C	A40
BV-SMAJ43CAQ	BV-SMAJ43AQ	43	1	47.8	52.8	1	69.4	5.8	400	10/1000	A43C	A43
BV-SMAJ45CAQ	BV-SMAJ45AQ	45	1	50	55.3	1	72.7	5.5	400	10/1000	A45C	A45
BV-SMAJ48CAQ	BV-SMAJ48AQ	48	1	53.3	58.9	1	77.4	5.2	400	10/1000	A48C	A48
BV-SMAJ51CAQ	BV-SMAJ51AQ	51	1	56.7	62.7	1	82.4	4.9	400	10/1000	A51C	A51
BV-SMAJ54CAQ	BV-SMAJ54AQ	54	1	60	66.3	1	87.1	4.6	400	10/1000	A54C	A54
BV-SMAJ58CAQ	BV-SMAJ58AQ	58	1	64.4	71.2	1	93.6	4.3	400	10/1000	A58C	A58
BV-SMAJ60CAQ	BV-SMAJ60AQ	60	1	66.7	73.7	1	96.8	4.1	400	10/1000	A60C	A60
BV-SMAJ64CAQ	BV-SMAJ64AQ	64	1	71.1	78.6	1	103	3.9	400	10/1000	A64C	A64
BV-SMAJ70CAQ	BV-SMAJ70AQ	70	1	77.8	86	1	113	3.5	400	10/1000	A70C	A70
BBV-SMAJ75CAQ	BV-SMAJ75AQ	75	1	83.3	92.1	1	121	3.3	400	10/1000	A75C	A75
BV-SMAJ78CAQ	BV-SMAJ78AQ	78	1	86.7	95.8	1	126	3.2	400	10/1000	A78C	A78
BV-SMAJ85CAQ	BV-SMAJ85AQ	85	1	94.4	104	1	137	2.9	400	10/1000	A85C	A85
BV-SMAJ90CAQ	BV-SMAJ90AQ	90	1	100	111	1	146	2.7	400	10/1000	A90C	A90

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMA		尺寸/Size(LxWxH): 5.3x3.0x2.5mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMAJ100CAQ	BV-SMAJ100AQ	100	1	111	123	1	162	2.5	400	10/1000	A100C	A100
BV-SMAJ110CAQ	BV-SMAJ110AQ	110	1	122	135	1	177	2.3	400	10/1000	A110C	A110
BV-SMAJ120CAQ	BV-SMAJ120AQ	120	1	133	147	1	193	2.1	400	10/1000	A120C	A120
BV-SMAJ130CAQ	BV-SMAJ130AQ	130	1	144	159	1	209	1.9	400	10/1000	A130C	A130
BV-SMAJ150CAQ	BV-SMAJ150AQ	150	1	167	185	1	243	1.6	400	10/1000	A150C	A150
BV-SMAJ160CAQ	BV-SMAJ160AQ	160	1	178	197	1	259	1.5	400	10/1000	A160C	A160
BV-SMAJ170CAQ	BV-SMAJ170AQ	170	1	189	209	1	275	1.5	400	10/1000	A170C	A170
BV-SMAJ180CAQ	BV-SMAJ180AQ	180	1	201	222	1	292	1.4	400	10/1000	A180C	A180
BV-SMAJ200CAQ	BV-SMAJ200AQ	200	1	224	247	1	324	1.2	400	10/1000	A200C	A200
BV-SMAJ220CAQ	BV-SMAJ220AQ	220	1	246	272	1	356	1.1	400	10/1000	A220C	A220
BV-SMAJ250CAQ	BV-SMAJ250AQ	250	1	279	309	1	405	1	400	10/1000	A250C	A250
BV-SMAJ300CAQ	BV-SMAJ300AQ	300	1	335	371	1	486	0.8	400	10/1000	A300C	A300
BV-SMAJ350CAQ	BV-SMAJ350AQ	350	1	391	432	1	567	0.7	400	10/1000	A350C	A350
BV-SMAJ400CAQ	BV-SMAJ400AQ	400	1	447	494	1	648	0.6	400	10/1000	A400C	A400
BV-SMAJ440CAQ	BV-SMAJ440AQ	440	1	492	543	1	713	0.6	400	10/1000	A440C	A440
BV-SMAJ5CA-D	BV-SMAJ5A-D	5	800	6.4	7	10	9.2	43.5	400	10/1000	A5C	A5
BV-SMAJ6CA-D	BV-SMAJ6A-D	6	800	6.67	7.37	10	10.3	38.8	400	10/1000	A6C	A6
BV-SMAJ6.5CA-D	BV-SMAJ6.5A-D	6.5	500	7.22	7.98	10	11.2	35.7	400	10/1000	A6.5C	A6.5
BV-SMAJ7CA-D	BV-SMAJ7A-D	7	200	7.78	8.6	10	12	33.3	400	10/1000	A7C	A7
BV-SMAJ7.5CA-D	BV-SMAJ7.5A-D	7.5	100	8.33	9.21	1	12.9	31	400	10/1000	A7.5C	A7.5
BV-SMAJ8CA-D	BV-SMAJ8A-D	8	50	8.89	9.83	1	13.6	29.4	400	10/1000	A8C	A8
BV-SMAJ8.5CA-D	BV-SMAJ8.5A-D	8.5	20	9.44	10.4	1	14.4	27.8	400	10/1000	A8.5C	A8.5
BV-SMAJ9CA-D	BV-SMAJ9A-D	9	10	10	11.1	1	15.4	26	400	10/1000	A9C	A9
BV-SMAJ10CA-D	BV-SMAJ10A-D	10	5	11.1	12.3	1	17	23.5	400	10/1000	A10C	A10
BV-SMAJ11CA-D	BV-SMAJ11A-D	11	1	12.2	13.5	1	18.2	22	400	10/1000	A11C	A11
BV-SMAJ12CA-D	BV-SMAJ12A-D	12	1	13.3	14.7	1	19.9	20.1	400	10/1000	A12C	A12
BV-SMAJ13CA-D	BV-SMAJ13A-D	13	1	14.4	15.9	1	21.5	18.6	400	10/1000	A13C	A13
BV-SMAJ14CA-D	BV-SMAJ14A-D	14	1	15.6	17.2	1	23.2	17.2	400	10/1000	A14C	A14
BV-SMAJ15CA-D	BV-SMAJ15A-D	15	1	16.7	18.5	1	24.4	16.4	400	10/1000	A15C	A15
BV-SMAJ16CA-D	BV-SMAJ16A-D	16	1	17.8	19.7	1	26	15.4	400	10/1000	A16C	A16
BV-SMAJ17CA-D	BV-SMAJ17A-D	17	1	18.9	20.9	1	27.6	14.5	400	10/1000	A17C	A17
BV-SMAJ18CA-D	BV-SMAJ18A-D	18	1	20	22.1	1	29.2	13.7	400	10/1000	A18C	A18
BV-SMAJ20CA-D	BV-SMAJ20A-D	20	1	22.2	24.5	1	32.4	12.3	400	10/1000	A20C	A20
BV-SMAJ22CA-D	BV-SMAJ22A-D	22	1	24.4	26.9	1	35.5	11.3	400	10/1000	A22C	A22
BV-SMAJ24CA-D	BV-SMAJ24A-D	24	1	26.7	29.5	1	38.9	10.3	400	10/1000	A24C	A24
BV-SMAJ26CA-D	BV-SMAJ26A-D	26	1	28.9	31.9	1	42.1	9.5	400	10/1000	A26C	A26
BV-SMAJ28CA-D	BV-SMAJ28A-D	28	1	31.1	34.4	1	45.4	8.8	400	10/1000	A28C	A28
BV-SMAJ30CA-D	BV-SMAJ30A-D	30	1	33.3	36.8	1	48.4	8.3	400	10/1000	A30C	A30
BV-SMAJ33CA-D	BV-SMAJ33A-D	33	1	36.7	40.6	1	53.3	7.5	400	10/1000	A33C	A33

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMA		尺寸/Size(LxWxH): 5.3x3.0x2.5mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMAJ36CA-D	BV-SMAJ36A-D	36	1	40	44.2	1	58.1	6.9	400	10/1000	A36C	A36
BV-SMAJ40CA-D	BV-SMAJ40A-D	40	1	44.4	49.1	1	64.5	6.2	400	10/1000	A40C	A40
BV-SMAJ43CA-D	BV-SMAJ43A-D	43	1	47.8	52.8	1	69.4	5.8	400	10/1000	A43C	A43
BV-SMAJ45CA-D	BV-SMAJ45A-D	45	1	50	55.3	1	72.7	5.5	400	10/1000	A45C	A45
BV-SMAJ48CA-D	BV-SMAJ48A-D	48	1	53.3	58.9	1	77.4	5.2	400	10/1000	A48C	A48
BV-SMAJ51CA-D	BV-SMAJ51A-D	51	1	56.7	62.7	1	82.4	4.9	400	10/1000	A51C	A51
BV-SMAJ54CA-D	BV-SMAJ54A-D	54	1	60	66.3	1	87.1	4.6	400	10/1000	A54C	A54
BV-SMAJ58CA-D	BV-SMAJ58A-D	58	1	64.4	71.2	1	93.6	4.3	400	10/1000	A58C	A58
BV-SMAJ60CA-D	BV-SMAJ60A-D	60	1	66.7	73.7	1	96.8	4.1	400	10/1000	A60C	A60
BV-SMAJ64CA-D	BV-SMAJ64A-D	64	1	71.1	78.6	1	103	3.9	400	10/1000	A64C	A64
BV-SMAJ70CA-D	BV-SMAJ70A-D	70	1	77.8	86	1	113	3.5	400	10/1000	A70C	A70
BV-SMAJ75CA-D	BV-SMAJ75A-D	75	1	83.3	92.1	1	121	3.3	400	10/1000	A75C	A75
BV-SMAJ78CA-D	BV-SMAJ78A-D	78	1	86.7	95.8	1	126	3.2	400	10/1000	A78C	A78
BV-SMAJ85CA-D	BV-SMAJ85A-D	85	1	94.4	104	1	137	2.9	400	10/1000	A85C	A85
BV-SMAJ90CA-D	BV-SMAJ90A-D	90	1	100	111	1	146	2.7	400	10/1000	A90C	A90
BV-SMAJ100CA-D	BV-SMAJ100A-D	100	1	111	123	1	162	2.5	400	10/1000	A100C	A100
BV-SMAJ110CA-D	BV-SMAJ110A-D	110	1	122	135	1	177	2.3	400	10/1000	A110C	A110
BV-SMAJ120CA-D	BV-SMAJ120A-D	120	1	133	147	1	193	2.1	400	10/1000	A120C	A120
BV-SMAJ130CA-D	BV-SMAJ130A-D	130	1	144	159	1	209	1.9	400	10/1000	A130C	A130
BV-SMAJ150CA-D	BV-SMAJ150A-D	150	1	167	185	1	243	1.6	400	10/1000	A150C	A150
BV-SMAJ160CA-D	BV-SMAJ160A-D	160	1	178	197	1	259	1.5	400	10/1000	A160C	A160
BV-SMAJ170CA-D	BV-SMAJ170A-D	170	1	189	209	1	275	1.5	400	10/1000	A170C	A170
BV-SMAJ180CA-D	BV-SMAJ180A-D	180	1	201	222	1	292	1.4	400	10/1000	A180C	A180
BV-SMAJ200CA-D	BV-SMAJ200A-D	200	1	224	247	1	324	1.2	400	10/1000	A200C	A200
BV-SMAJ220CA-D	BV-SMAJ220A-D	220	1	246	272	1	356	1.1	400	10/1000	A220C	A220
BV-SMAJ250CA-D	BV-SMAJ250A-D	250	1	279	309	1	405	1	400	10/1000	A250C	A250
BV-SMAJ300CA-D	BV-SMAJ300A-D	300	1	335	371	1	486	0.8	400	10/1000	A300C	A300
BV-SMAJ350CA-D	BV-SMAJ350A-D	350	1	391	432	1	567	0.7	400	10/1000	A350C	A350
BV-SMAJ400CA-D	BV-SMAJ400A-D	400	1	447	494	1	648	0.6	400	10/1000	A400C	A400
BV-SMAJ440CA-D	BV-SMAJ440A-D	440	1	492	543	1	713	0.6	400	10/1000	A440C	A440
BV-6SMAJ5CA-F	BV-6SMAJ5A-F	5	800	6.4	7	10	9.2	65.3	600	10/1000	6A5CF	6A5F
BV-6SMAJ6CA-F	BV-6SMAJ6A-F	6	800	6.67	7.37	10	10.3	58.3	600	10/1000	6A6CF	6A6F
BV-6SMAJ6.5CA-F	BV-6SMAJ6.5A-F	6.5	500	7.22	7.98	10	11.2	53.6	600	10/1000	6A6.5CF	6A6.5F
BV-6SMAJ7CA-F	BV-6SMAJ7A-F	7	200	7.78	8.6	10	12	50	600	10/1000	6A7CF	6A7F
BV-6SMAJ7.5CA-F	BV-6SMAJ7.5A-F	7.5	100	8.33	9.21	1	12.9	46.6	600	10/1000	6A7.5CF	6A7.5F
BV-6SMAJ8CA-F	BV-6SMAJ8A-F	8	50	8.89	9.83	1	13.6	44.2	600	10/1000	6A8CF	6A8F
BV-6SMAJ8.5CA-F	BV-6SMAJ8.5A-F	8.5	20	9.44	10.4	1	14.4	41.7	600	10/1000	6A8.5CF	6A8.5F
BV-6SMAJ9CA-F	BV-6SMAJ9A-F	9	10	10	11.1	1	15.4	39	600	10/1000	6A9CF	6A9F
BV-6SMAJ10CA-F	BV-6SMAJ10A-F	10	5	11.1	12.3	1	17	35.3	600	10/1000	6A10CF	6A10F

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMAF		尺寸/Size(LxWxH): 5.0x2.8x1.3mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-6SMAJ11CA-F	BV-6SMAJ11A-F	11	1	12.2	13.5	1	18.2	33	600	10/1000	6A11CF	6A11F
BV-6SMAJ12CA-F	BV-6SMAJ12A-F	12	1	13.3	14.7	1	19.9	30.2	600	10/1000	6A12CF	6A12F
BV-6SMAJ13CA-F	BV-6SMAJ13A-F	13	1	14.4	15.9	1	21.5	28	600	10/1000	6A13CF	6A13F
BV-6SMAJ14CA-F	BV-6SMAJ14A-F	14	1	15.6	17.2	1	23.2	25.9	600	10/1000	6A14CF	6A14F
BV-6SMAJ15CA-F	BV-6SMAJ15A-F	15	1	16.7	18.5	1	24.4	24.6	600	10/1000	6A15CF	6A15F
BV-6SMAJ16CA-F	BV-6SMAJ16A-F	16	1	17.8	19.7	1	26	23.1	600	10/1000	6A16CF	6A16F
BV-6SMAJ17CA-F	BV-6SMAJ17A-F	17	1	18.9	20.9	1	27.6	21.8	600	10/1000	6A17CF	6A17F
BV-6SMAJ18CA-F	BV-6SMAJ18A-F	18	1	20	22.1	1	29.2	20.6	600	10/1000	6A18CF	6A18F
BV-6SMAJ20CA-F	BV-6SMAJ20A-F	20	1	22.2	24.5	1	32.4	18.6	600	10/1000	6A20CF	6A20F
BV-6SMAJ22CA-F	BV-6SMAJ22A-F	22	1	24.4	26.9	1	35.5	16.9	600	10/1000	6A22CF	6A22F
BV-6SMAJ24CA-F	BV-6SMAJ24A-F	24	1	26.7	29.5	1	38.9	15.5	600	10/1000	6A24CF	6A24F
BV-6SMAJ26CA-F	BV-6SMAJ26A-F	26	1	28.9	31.9	1	42.1	14.3	600	10/1000	6A26CF	6A26F
BV-6SMAJ28CA-F	BV-6SMAJ28A-F	28	1	31.1	34.4	1	45.4	13.3	600	10/1000	6A28CF	6A28F
BV-6SMAJ30CA-F	BV-6SMAJ30A-F	30	1	33.3	36.8	1	48.4	12.4	600	10/1000	6A30CF	6A30F
BV-6SMAJ33CA-F	BV-6SMAJ33A-F	33	1	36.7	40.6	1	53.3	11.3	600	10/1000	6A33CF	6A33F
BV-6SMAJ36CA-F	BV-6SMAJ36A-F	36	1	40	44.2	1	58.1	10.4	600	10/1000	6A36CF	6A36F
BV-6SMAJ40CA-F	BV-6SMAJ40A-F	40	1	44.4	49.1	1	64.5	9.3	600	10/1000	6A40CF	6A40F
BV-6SMAJ43CA-F	BV-6SMAJ43A-F	43	1	47.8	52.8	1	69.4	8.7	600	10/1000	6A43CF	6A43F
BV-6SMAJ45CA-F	BV-6SMAJ45A-F	45	1	50	55.3	1	72.7	8.3	600	10/1000	6A45CF	6A45F
BV-6SMAJ48CA-F	BV-6SMAJ48A-F	48	1	53.3	58.9	1	77.4	7.8	600	10/1000	6A48CF	6A48F
BV-6SMAJ51CA-F	BV-6SMAJ51A-F	51	1	56.7	62.7	1	82.4	7.3	600	10/1000	6A51CF	6A51F
BV-6SMAJ54CA-F	BV-6SMAJ54A-F	54	1	60	66.3	1	87.1	6.9	600	10/1000	6A54CF	6A54F
BV-6SMAJ58CA-F	BV-6SMAJ58A-F	58	1	64.4	71.2	1	93.6	6.5	600	10/1000	6A58CF	6A58F
BV-6SMAJ60CA-F	BV-6SMAJ60A-F	60	1	66.7	73.7	1	96.8	6.2	600	10/1000	6A60CF	6A60F
BV-6SMAJ64CA-F	BV-6SMAJ64A-F	64	1	71.1	78.6	1	103	5.9	600	10/1000	6A64CF	6A64F
BV-6SMAJ70CA-F	BV-6SMAJ70A-F	70	1	77.8	86	1	113	5.3	600	10/1000	6A70CF	6A70F
BV-6SMAJ75CA-F	BV-6SMAJ75A-F	75	1	83.3	92.1	1	121	5	600	10/1000	6A75CF	6A75F
BV-6SMAJ78CA-F	BV-6SMAJ78A-F	78	1	86.7	95.8	1	126	4.8	600	10/1000	6A78CF	6A78F
BV-6SMAJ85CA-F	BV-6SMAJ85A-F	85	1	94.4	104	1	137	4.4	600	10/1000	6A85CF	6A85F
BV-6SMAJ90CA-F	BV-6SMAJ90A-F	90	1	100	111	1	146	4.1	600	10/1000	6A90CF	6A90F
BV-6SMAJ100CA-F	BV-6SMAJ100A-F	100	1	111	123	1	162	3.7	600	10/1000	6A100CF	6A100F
BV-6SMAJ110CA-F	BV-6SMAJ110A-F	110	1	122	135	1	177	3.4	600	10/1000	6A110CF	6A110F
BV-6SMAJ120CA-F	BV-6SMAJ120A-F	120	1	133	147	1	193	3.1	600	10/1000	6A120CF	6A120F
BV-6SMAJ130CA-F	BV-6SMAJ130A-F	130	1	144	159	1	209	2.9	600	10/1000	6A130CF	6A130F
BV-6SMAJ150CA-F	BV-6SMAJ150A-F	150	1	167	185	1	243	2.5	600	10/1000	6A150CF	6A150F
BV-6SMAJ160CA-F	BV-6SMAJ160A-F	160	1	178	197	1	259	2.3	600	10/1000	6A160CF	6A160F
BV-6SMAJ170CA-F	BV-6SMAJ170A-F	170	1	189	209	1	275	2.2	600	10/1000	6A170CF	6A170F
BV-6SMAJ180CA-F	BV-6SMAJ180A-F	180	1	201	222	1	292	2.1	600	10/1000	6A180CF	6A180F
BV-6SMAJ200CA-F	BV-6SMAJ200A-F	200	1	224	247	1	324	1.9	600	10/1000	6A200CF	6A200F

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μS)	印字 Mark 双向 BI	单向 UNI
SMAF 尺寸/Size(LxWxH): 5.0x2.8x1.3mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-6SMAJ220CA-F	BV-6SMAJ220A-F	220	1	246.4	272	1	356	1.7	600	10/1000	6A220CF	6A220F
BV-6SMAJ250CA-F	BV-6SMAJ250A-F	250	1	279	272	1	405	1.5	600	10/1000	6A250CF	6A250F
BV-6SMAJ300CA-F	BV-6SMAJ300A-F	300	1	335	309	1	486	1.3	600	10/1000	6A300CF	6A300F
BV-6SMAJ350CA-F	BV-6SMAJ350A-F	350	1	391	432	1	567	1.1	600	10/1000	6A350CF	6A350F
BV-6SMAJ400CA-F	BV-6SMAJ400A-F	400	1	447	494	1	648	0.9	600	10/1000	6A400CF	6A400F
BV-6SMAJ440CA-F	BV-6SMAJ440A-F	440	1	492	543	1	713	0.9	600	10/1000	6A440CF	6A440F
BV-SMAJ20CAH		20	1	22	/	1	32.4	450	400	8/20	A20CH	
BV-SMAJ3.3A		3.3	800	5	6.5	10	8	54.8	400	10/1000	A3.3	
BV-SMAJ3.3CA		3.3	800	5	6.5	10	8	54.8	400	10/1000	A3.3C	
BV-SMAJ30CA-1		30	1	33.3	36.8	1	48.4	9.9	400	10/1000	A30C	
BV-SMAJ36CAH		36	1	40	44.2	1	58.1	10.4	600	10/1000	A36CH	
BV-SMAJ400CA		400	1	447	494	1	648	0.6	400	10/1000	A400C	
BV-SMAJ5A-1		5	20	6.4	7	1	9.2	43.5	400	10/1000	A5	
BV-SMAJ5CA-1		5	50	6.4	7	10	9.2	43.5	400	10/1000	A5C	
SMB 尺寸/Size(LxWxH): 5.7x3.9x2.6mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMBJ5CAQ	BV-SMBJ5AQ	5	800	6.4	7	10	9.2	65.3	600	10/1000	B5C	B5
BV-SMBJ6CAQ	BV-SMBJ6AQ	6	800	6.67	7.37	10	10.3	58.3	600	10/1000	B6C	B6
BV-SMBJ6.5CAQ	BV-SMBJ6.5AQ	6.5	500	7.22	7.98	10	11.2	53.6	600	10/1000	B6.5C	B6.5
BV-SMBJ7CAQ	BV-SMBJ7AQ	7	200	7.78	8.6	10	12	50	600	10/1000	B7C	B7
BV-SMBJ7.5CAQ	BV-SMBJ7.5AQ	7.5	100	8.33	9.21	1	12.9	46.6	600	10/1000	B7.5C	B7.5
BV-SMBJ8CAQ	BV-SMBJ8AQ	8	50	8.89	9.83	1	13.6	44.2	600	10/1000	B8C	B8
BV-SMBJ8.5CAQ	BV-SMBJ8.5AQ	8.5	20	9.44	10.4	1	14.4	41.7	600	10/1000	B8.5C	B8.5
BV-SMBJ9CAQ	BV-SMBJ9AQ	9	10	10	11.1	1	15.4	39	600	10/1000	B9C	B9
BV-SMBJ10CAQ	BV-SMBJ10AQ	10	5	11.1	12.3	1	17	35.3	600	10/1000	B10C	B10
BV-SMBJ11CAQ	BV-SMBJ11AQ	11	1	12.2	13.5	1	18.2	33	600	10/1000	B11C	B11
BV-SMBJ12CAQ	BV-SMBJ12AQ	12	1	13.3	14.7	1	19.9	30.2	600	10/1000	B12C	B12
BV-SMBJ13CAQ	BV-SMBJ13AQ	13	1	14.4	15.9	1	21.5	28	600	10/1000	B13C	B13
BV-SMBJ14CAQ	BV-SMBJ14AQ	14	1	15.6	17.2	1	23.2	25.9	600	10/1000	B14C	B14
BV-SMBJ15CAQ	BV-SMBJ15AQ	15	1	16.7	18.5	1	24.4	24.6	600	10/1000	B15C	B15
BV-SMBJ16CAQ	BV-SMBJ16AQ	16	1	17.8	19.7	1	26	23.1	600	10/1000	B16C	B16
BV-SMBJ17CAQ	BV-SMBJ17AQ	17	1	18.9	20.9	1	27.6	21.8	600	10/1000	B17C	B17
BV-SMBJ18CAQ	BV-SMBJ18AQ	18	1	20	22.1	1	29.2	20.6	600	10/1000	B18C	B18
BV-SMBJ20CAQ	BV-SMBJ20AQ	20	1	22.2	24.5	1	32.4	18.6	600	10/1000	B20C	B20
BV-SMBJ22CAQ	BV-SMBJ22AQ	22	1	24.4	26.9	1	35.5	16.9	600	10/1000	B22C	B22
BV-SMBJ24CAQ	BV-SMBJ24AQ	24	1	26.7	29.5	1	38.9	15.5	600	10/1000	B24C	B24
BV-SMBJ26CAQ	BV-SMBJ26AQ	26	1	28.9	31.9	1	42.1	14.3	600	10/1000	B26C	B26
BV-SMBJ28CAQ	BV-SMBJ28AQ	28	1	31.1	34.4	1	45.4	13.3	600	10/1000	B28C	B28
BV-SMBJ30CAQ	BV-SMBJ30AQ	30	1	33.3	36.8	1	48.4	12.4	600	10/1000	B30C	B30

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μS)	印字 Mark 双向 BI	单向 UNI
SMB 尺寸/Size(LxWxH): 5.7x3.9x2.6mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMBJ33CAQ	BV-SMBJ33AQ	33	1	36.7	40.6	1	53.3	11.3	600	10/1000	B33C	B33
BV-SMBJ36CAQ	BV-SMBJ36AQ	36	1	40	44.2	1	58.1	10.4	600	10/1000	B36C	B36
BV-SMBJ40CAQ	BV-SMBJ40AQ	40	1	44.4	49.1	1	64.5	9.3	600	10/1000	B40C	B40
BV-SMBJ43CAQ	BV-SMBJ43AQ	43	1	47.8	52.8	1	69.4	8.7	600	10/1000	B43C	B43
BV-SMBJ45CAQ	BV-SMBJ45AQ	45	1	50	55.3	1	72.7	8.3	600	10/1000	B45C	B45
BV-SMBJ48CAQ	BV-SMBJ48AQ	48	1	53.3	58.9	1	77.4	7.8	600	10/1000	B48C	B48
BV-SMBJ51CAQ	BV-SMBJ51AQ	51	1	56.7	62.7	1	82.4	7.3	600	10/1000	B51C	B51
BV-SMBJ54CAQ	BV-SMBJ54AQ	54	1	60	66.3	1	87.1	6.9	600	10/1000	B54C	B54
BV-SMBJ58CAQ	BV-SMBJ58AQ	58	1	64.4	71.2	1	93.6	6.5	600	10/1000	B58C	B58
BV-SMBJ60CAQ	BV-SMBJ60AQ	60	1	66.7	73.7	1	96.8	6.2	600	10/1000	B60C	B60
BV-SMBJ64CAQ	BV-SMBJ64AQ	64	1	71.1	78.6	1	103	5.9	600	10/1000	B64C	B64
BV-SMBJ70CAQ	BV-SMBJ70AQ	70	1	77.8	86	1	113	5.3	600	10/1000	B70C	B70
BV-SMBJ75CAQ	BV-SMBJ75AQ	75	1	83.3	92.1	1	121	5	600	10/1000	B75C	B75
BV-SMBJ78CAQ	BV-SMBJ78AQ	78	1	86.7	95.8	1	126	4.8	600	10/1000	B78C	B78
BV-SMBJ85CAQ	BV-SMBJ85AQ	85	1	94.4	104	1	137	4.4	600	10/1000	B85C	B85
BV-SMBJ90CAQ	BV-SMBJ90AQ	90	1	100	111	1	146	4.1	600	10/1000	B90C	B90
BV-SMBJ100CAQ	BV-SMBJ100AQ	100	1	111	123	1	162	3.7	600	10/1000	B100C	B100
BV-SMBJ110CAQ	BV-SMBJ110AQ	110	1	122	135	1	177	3.4	600	10/1000	B110C	B110
BV-SMBJ120CAQ	BV-SMBJ120AQ	120	1	133	147	1	193	3.1	600	10/1000	B120C	B120
BV-SMBJ130CAQ	BV-SMBJ130AQ	130	1	144	159	1	209	2.9	600	10/1000	B130C	B130
BV-SMBJ150CAQ	BV-SMBJ150AQ	150	1	167	185	1	243	2.5	600	10/1000	B150C	B150
BV-SMBJ160CAQ	BV-SMBJ160AQ	160	1	178	197	1	259	2.3	600	10/1000	B160C	B160
BV-SMBJ170CAQ	BV-SMBJ170AQ	170	1	189	209	1	275	2.2	600	10/1000	B170C	B170
BV-SMBJ180CAQ	BV-SMBJ180AQ	180	1	201	222	1	292	2.1	600	10/1000	B180C	B180
BV-SMBJ188CAQ	BV-SMBJ188AQ	188	1	209	231	1	304	2	600	10/1000	B188C	B188
BV-SMBJ200CAQ	BV-SMBJ200AQ	200	1	224	247	1	324	1.9	600	10/1000	B200C	B200
BV-SMBJ220CAQ	BV-SMBJ220AQ	220	1	246	272	1	356	1.7	600	10/1000	B220C	B220
BV-SMBJ250CAQ	BV-SMBJ250AQ	250	1	279	309	1	405	1.5	600	10/1000	B250C	B250
BV-SMBJ300CAQ	BV-SMBJ300AQ	300	1	335	371	1	486	1.3	600	10/1000	B300C	B300
BV-SMBJ350CAQ	BV-SMBJ350AQ	350	1	391	432	1	567	1.1	600	10/1000	B350C	B350
BV-SMBJ400CAQ	BV-SMBJ400AQ	400	1	447	494	1	648	0.9	600	10/1000	B400C	B400
BV-SMBJ440CAQ	BV-SMBJ440AQ	440	1	492	543	1	713	0.9	600	10/1000	B440C	B440
BV-SMBJ480CAQ	BV-SMBJ480AQ	480	1	536	593	1	750	0.8	600	10/1000	B480C	B480
BV-SMBJ5CA-D	BV-SMBJ5A-D	5	800	6.4	7	10	9.2	65.3	600	10/1000	B5C	B5
BV-SMBJ6CA-D	BV-SMBJ6A-D	6	800	6.67	7.37	10	10.3	58.3	600	10/1000	B6C	B6
BV-SMBJ6.5CA-D	BV-SMBJ6.5A-D	6.5	500	7.22	7.98	10	11.2	53.6	600	10/1000	B6.5C	B6.5
BV-SMBJ7CA-D	BV-SMBJ7A-D	7	200	7.78	8.6	10	12	50	600	10/1000	B7C	B7
BV-SMBJ7.5CA-D	BV-SMBJ7.5A-D	7.5	100	8.33	9.21	1	12.9	46.6	600	10/1000	B7.5C	B7.5
BV-SMBJ8CA-D	BV-SMBJ8A-D	8	50	8.89	9.83	1	13.6	44.2	600	10/1000	B8C	B8

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMB		尺寸/Size(LxWxH):5.7x3.9x2.6mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMBJ8.5CA-D	BV-SMBJ8.5A-D	8.5	20	9.44	10.4	1	14.4	41.7	600	10/1000	B8.5C	B8.5
BV-SMBJ9CA-D	BV-SMBJ9A-D	9	10	10	11.1	1	15.4	39	600	10/1000	B9C	B9
BV-SMBJ10CA-D	BV-SMBJ10A-D	10	5	11.1	12.3	1	17	35.3	600	10/1000	B10C	B10
BV-SMBJ11CA-D	BV-SMBJ11A-D	11	1	12.2	13.5	1	18.2	33	600	10/1000	B11C	B11
BV-SMBJ12CA-D	BV-SMBJ12A-D	12	1	13.3	14.7	1	19.9	30.2	600	10/1000	B12C	B12
BV-SMBJ13CA-D	BV-SMBJ13A-D	13	1	14.4	15.9	1	21.5	28	600	10/1000	B13C	B13
BV-SMBJ14CA-D	BV-SMBJ14A-D	14	1	15.6	17.2	1	23.2	25.9	600	10/1000	B14C	B14
BV-SMBJ15CA-D	BV-SMBJ15A-D	15	1	16.7	18.5	1	24.4	24.6	600	10/1000	B15C	B15
BV-SMBJ16CA-D	BV-SMBJ16A-D	16	1	17.8	19.7	1	26	23.1	600	10/1000	B16C	B16
BV-SMBJ17CA-D	BV-SMBJ17A-D	17	1	18.9	20.9	1	27.6	21.8	600	10/1000	B17C	B17
BV-SMBJ18CA-D	BV-SMBJ18A-D	18	1	20	22.1	1	29.2	20.6	600	10/1000	B18C	B18
BV-SMBJ20CA-D	BV-SMBJ20A-D	20	1	22.2	24.5	1	32.4	18.6	600	10/1000	B20C	B20
BV-SMBJ22CA-D	BV-SMBJ22A-D	22	1	24.4	26.9	1	35.5	16.9	600	10/1000	B22C	B22
BV-SMBJ24CA-D	BV-SMBJ24A-D	24	1	26.7	29.5	1	38.9	15.5	600	10/1000	B24C	B24
BV-SMBJ26CA-D	BV-SMBJ26A-D	26	1	28.9	31.9	1	42.1	14.3	600	10/1000	B26C	B26
BV-SMBJ28CA-D	BV-SMBJ28A-D	28	1	31.1	34.4	1	45.4	13.3	600	10/1000	B28C	B28
BV-SMBJ30CA-D	BV-SMBJ30A-D	30	1	33.3	36.8	1	48.4	12.4	600	10/1000	B30C	B30
BV-SMBJ33CA-D	BV-SMBJ33A-D	33	1	36.7	40.6	1	53.3	11.3	600	10/1000	B33C	B33
BV-SMBJ36CA-D	BV-SMBJ36A-D	36	1	40	44.2	1	58.1	10.4	600	10/1000	B36C	B36
BV-SMBJ40CA-D	BV-SMBJ40A-D	40	1	44.4	49.1	1	64.5	9.3	600	10/1000	B40C	B40
BV-SMBJ43CA-D	BV-SMBJ43A-D	43	1	47.8	52.8	1	69.4	8.7	600	10/1000	B43C	B43
BV-SMBJ45CA-D	BV-SMBJ45A-D	45	1	50	55.3	1	72.7	8.3	600	10/1000	B45C	B45
BV-SMBJ48CA-D	BV-SMBJ48A-D	48	1	53.3	58.9	1	77.4	7.8	600	10/1000	B48C	B48
BV-SMBJ51CA-D	BV-SMBJ51A-D	51	1	56.7	62.7	1	82.4	7.3	600	10/1000	B51C	B51
BV-SMBJ54CA-D	BV-SMBJ54A-D	54	1	60	66.3	1	87.1	6.9	600	10/1000	B54C	B54
BV-SMBJ58CA-D	BV-SMBJ58A-D	58	1	64.4	71.2	1	93.6	6.5	600	10/1000	B58C	B58
BV-SMBJ60CA-D	BV-SMBJ60A-D	60	1	66.7	73.7	1	96.8	6.2	600	10/1000	B60C	B60
BV-SMBJ64CA-D	BV-SMBJ64A-D	64	1	71.1	78.6	1	103	5.9	600	10/1000	B64C	B64
BV-SMBJ70CA-D	BV-SMBJ70A-D	70	1	77.8	86	1	113	5.3	600	10/1000	B70C	B70
BV-SMBJ75CA-D	BV-SMBJ75A-D	75	1	83.3	92.1	1	121	5	600	10/1000	B75C	B75
BV-SMBJ78CA-D	BV-SMBJ78A-D	78	1	86.7	95.8	1	126	4.8	600	10/1000	B78C	B78
BV-SMBJ85CA-D	BV-SMBJ85A-D	85	1	94.4	104	1	137	4.4	600	10/1000	B85C	B85
BV-SMBJ90CA-D	BV-SMBJ90A-D	90	1	100	111	1	146	4.1	600	10/1000	B90C	B90
BV-SMBJ100CA-D	BV-SMBJ100A-D	100	1	111	123	1	162	3.7	600	10/1000	B100C	B100
BV-SMBJ110CA-D	BV-SMBJ110A-D	110	1	122	135	1	177	3.4	600	10/1000	B110C	B110
BV-SMBJ120CA-D	BV-SMBJ120A-D	120	1	133	147	1	193	3.1	600	10/1000	B120C	B120
BV-SMBJ130CA-D	BV-SMBJ130A-D	130	1	144	159	1	209	2.9	600	10/1000	B130C	B130
BV-SMBJ150CA-D	BV-SMBJ150A-D	150	1	167	185	1	243	2.5	600	10/1000	B150C	B150
BV-SMBJ160CA-D	BV-SMBJ160A-D	160	1	178	197	1	259	2.3	600	10/1000	B160C	B160

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMB		尺寸/Size(LxWxH):5.7x3.9x2.6mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMBJ170CA-D	BV-SMBJ170A-D	170	1	189	209	1	275	2.2	600	10/1000	B170C	B170
BV-SMBJ180CA-D	BV-SMBJ180A-D	180	1	201	222	1	292	2.1	600	10/1000	B180C	B180
BV-SMBJ188CA-D	BV-SMBJ188A-D	188	1	209	231	1	304	2	600	10/1000	B188C	B188
BV-SMBJ200CA-D	BV-SMBJ200A-D	200	1	224	247	1	324	1.9	600	10/1000	B200C	B200
BV-SMBJ220CA-D	BV-SMBJ220A-D	220	1	246	272	1	356	1.7	600	10/1000	B220C	B220
BV-SMBJ250CA-D	BV-SMBJ250A-D	250	1	279	309	1	405	1.5	600	10/1000	B250C	B250
BV-SMBJ300CA-D	BV-SMBJ300A-D	300	1	335	371	1	486	1.3	600	10/1000	B300C	B300
BV-SMBJ350CA-D	BV-SMBJ350A-D	350	1	391	432	1	567	1.1	600	10/1000	B350C	B350
BV-SMBJ400CA-D	BV-SMBJ400A-D	400	1	447	494	1	648	0.9	600	10/1000	B400C	B400
BV-SMBJ440CA-D	BV-SMBJ440A-D	440	1	492	543	1	713	0.9	600	10/1000	B440C	B440
BV-SMBJ480CA-D	BV-SMBJ480A-D	480	1	536	593	1	750	0.8	600	10/1000	B480C	B480
BV-SMBJ3.3CA	BV-SMBJ3.3A	3.3	800	5	6.5	10	8	/	600	/	B3.3C	B3.3
BV-SMBJ64CAI	BV-SMBJ64AI	64	1	71.1	78.6	1	103	14.6	1500	10/1000	B64CI	B64I
BV-SMBJ15CAH		15	1	16.7	18.5	1	24.4	500	1000	8/20	B15CH	
BV-SMBJ15CAI-D		15	1	16.7	18.5	1	/	1000	/	8/20	B15CH	
BV-SMBJ15CAM		15	1	16	/	1	/	500	/	8/20	B15CM	
BV-SMBJ16CAI		16	1	17	19.5	1	/	1000	/	8/20	B16CH	
BV-SMBJ18CAI		18	1	20	22.1	1	/	1000	/	8/20	B18CI	
BV-SMBJ20AI		20	1	22	24.5	1	32.4	1000	1000	8/20	B20I	
BV-SMBJ20CAH		20	1	22.2	24.5	1	32.4	/	1000	/	B20CH	
BV-SMBJ20CAI-D		20	1	22	24.5	1	32.4	1000	1000	8/20	B20CI	
BV-SMBJ20CAM		20	1	22	24.5	1	/	450	/	8/20	B20CM	
BV-SMBJ22CAI		22	1	24.4	26.9	1	35.4	1000	1500	8/20	B22CI	
BV-SMBJ24CAI		24	1	24.5	/	1	38.9	1000	1500	8/20	B24CI	
BV-SMBJ24CAI-H		24	1	26.7	29.5	1	38.9	1000	1000	8/20	B24CI	
BV-SMBJ26CAH		26	1	28.9	31.9	1	/	500	/	8/20	B26CH	
BV-SMBJ28CAH		28	1	30	36	1	48	/	1200	/	B28CH	YYMM
BV-SMBJ28CAI		28	1	29	/	1	/	250	/	8/20	B28CI	
BV-SMBJ30C2H		30	1	33.3	36	1	48.4	1000A	1500	8/20	B30C2H	
BV-SMBJ30CAH		30	1	33.3	36.8	1	/	500	/	8/20	B30H	
BV-SMBJ30CAM		30	1	33.3	36.8	1	/	150	/	8/20	B30M	
BV-SMBJ36C2M		36	1	38	44.2	1	50	500	1500	8/20	B36C2M	
BV-SMBJ40CAI		40	1	44	50	1	64.5	700	1000	8/20	B40CI	
BV-SMBJ58A2H		58	1	64.4	71.2	1	93.6	/	2000	/	B58A2H	
BV-SMBJ58AH		58	1	64.4	71.2	1	/	/	/	/	B58AH	
BV-SMBJ58C2		58	1	64.4	71.2	1	/	500	/	8/20	B58C2	
BV-SMBJ58C2H		58	1	62.4	71.2	1	85	40	3400	10/1000	B58C2	
BV-SMBJ58C2M		58	1	64.4	71.2	1	/	/	/	/	B58C2M	

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMBF-M 尺寸/Size(LxWxH): 6.0x4.7x3.0mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-3SMBF20CA	BV-3SMBF20A	20	1	22.2	24.5	1	32.4	92.6	3000	10/1000	3BF20C	3BF20
BV-3SMBF22CA	BV-3SMBF22A	22	1	24.4	26.9	1	35.5	84.5	3000	10/1000	3BF22C	3BF22
BV-3SMBF24CA	BV-3SMBF24A	22	1	24.4	26.9	1	35.5	84.5	3000	10/1000	3BF24C	3BF24
BV-3SMBF26CA	BV-3SMBF26A	24	1	26.7	29.5	1	38.9	77.1	3000	10/1000	3BF26C	3BF26
BV-3SMBF28CA	BV-3SMBF28A	26	1	28.9	31.9	1	42.1	71.3	3000	10/1000	3BF28C	3BF28
BV-3SMBF30CA	BV-3SMBF30A	28	1	31.1	34.4	1	45.4	66.1	3000	10/1000	3BF30C	3BF30
BV-3SMBF33CA	BV-3SMBF33A	30	1	33.3	36.8	1	48.4	62	3000	10/1000	3BF33C	3BF33
BV-3SMBF36CA	BV-3SMBF36A	33	1	36.7	40.6	1	53.3	56.3	3000	10/1000	3BF36C	3BF36
BV-3SMBF40CA	BV-3SMBF40A	36	1	40	44.2	1	58.1	51.6	3000	10/1000	3BF40C	3BF40
BV-3SMBF43CA	BV-3SMBF43A	40	1	44.4	49.1	1	64.5	46.5	3000	10/1000	3BF43C	3BF43
BV-3SMBF45CA	BV-3SMBF45A	43	1	47.8	52.8	1	69.4	43.2	3000	10/1000	3BF45C	3BF45
BV-3SMBF48CA	BV-3SMBF48A	45	1	50	55.3	1	72.7	41.3	3000	10/1000	3BF48C	3BF48
BV-3SMBF51CA	BV-3SMBF51A	48	1	53.3	58.9	1	77.4	38.8	3000	10/1000	3BF51C	3BF51
BV-3SMBF54CA	BV-3SMBF54A	51	1	56.7	62.7	1	82.4	36.4	3000	10/1000	3BF54C	3BF54
BV-3SMBF58CA	BV-3SMBF58A	54	1	60	66.3	1	87.1	34.4	3000	10/1000	3BF58C	3BF58
BV-3SMBF60CA	BV-3SMBF60A	58	1	64.4	71.2	1	93.6	32.1	3000	10/1000	3BF60C	3BF60
BV-3SMBF64CA	BV-3SMBF64A	60	1	66.7	73.7	1	96.8	31	3000	10/1000	3BF64C	3BF64
BV-3SMBF70CA	BV-3SMBF70A	64	1	71.1	78.6	1	103	29.1	3000	10/1000	3BF70C	3BF70
BV-3SMBF75CA	BV-3SMBF75A	70	1	77.8	86	1	113	26.5	3000	10/1000	3BF75C	3BF75
BV-3SMBF78CA	BV-3SMBF78A	75	1	83.3	92.1	1	121	24.8	3000	10/1000	3BF78C	3BF78
BV-3SMBF85CA	BV-3SMBF85A	78	1	86.7	95.8	1	126	23.8	3000	10/1000	3BF85C	3BF85
BV-3SMBF90CA	BV-3SMBF90A	85	1	94.4	104	1	137	21.9	3000	10/1000	3BF90C	3BF90
BV-3SMBF100CA	BV-3SMBF100A	90	1	100	111	1	146	20.5	3000	10/1000	3BF100C	3BF100
BV-3SMBF110CA	BV-3SMBF110A	100	1	111	123	1	162	18.5	3000	10/1000	3BF110C	3BF110
BV-3SMBF120CA	BV-3SMBF120A	110	1	122	135	1	177	16.9	3000	10/1000	3BF120C	3BF120
BV-3SMBF130CA	BV-3SMBF130A	120	1	133	147	1	193	15.5	3000	10/1000	3BF130C	3BF130
BV-3SMBF150CA	BV-3SMBF150A	130	1	144	159	1	209	14.4	3000	10/1000	3BF150C	3BF150
BV-3SMBF160CA	BV-3SMBF160A	150	1	167	185	1	243	12.3	3000	10/1000	3BF160C	3BF160
BV-3SMBF170CA	BV-3SMBF170A	160	1	178	197	1	259	11.6	3000	10/1000	3BF170C	3BF170
BV-3SMBF180CA	BV-3SMBF180A	170	1	189	209	1	275	10.9	3000	10/1000	3BF180C	3BF180
BV-3SMBF200CA	BV-3SMBF200A	180	1	201	222	1	292	10.3	3000	10/1000	3BF200C	3BF200
BV-5SMBF30CA	BV-5SMBF30A	200	1	224	247	1	324	9.3	3000	10/1000	5BF30C	5BF30
BV-5SMBF33CA	BV-5SMBF33A	30	2	33.3	36.8	1	48.4	103	5000	10/1000	5BF33C	5BF33
BV-5SMBF36CA	BV-5SMBF36A	33	2	36.7	40.6	1	53.3	93.9	5000	10/1000	5BF36C	5BF36
BV-5SMBF40CA	BV-5SMBF40A	36	2	40	44.2	1	58.1	86.1	5000	10/1000	5BF40C	5BF40
BV-5SMBF43CA	BV-5SMBF43A	40	2	44.4	49.1	1	64.5	77.6	5000	10/1000	5BF43C	5BF43
BV-5SMBF45CA	BV-5SMBF45A	43	2	47.8	52.8	1	69.4	72.1	5000	10/1000	5BF45C	5BF45
BV-5SMBF48CA	BV-5SMBF48A	45	2	50	55.3	1	72.7	68.8	5000	10/1000	5BF48C	5BF48
BV-5SMBF51CA	BV-5SMBF51A	48	2	53.3	58.9	1	77.4	64.7	5000	10/1000	5BF51C	5BF51
BV-5SMBF54CA	BV-5SMBF54A	51	2	56.7	62.7	1	82.4	60.7	5000	10/1000	5BF54C	5BF54
BV-5SMBF58CA	BV-5SMBF58A	54	2	60	66.3	1	87.1	57.5	5000	10/1000	5BF58C	5BF58
BV-5SMBF60CA	BV-5SMBF60A	58	2	64.4	71.2	1	93.6	53.5	5000	10/1000	5BF60C	5BF60
BV-5SMBF64CA	BV-5SMBF64A	60	2	66.7	73.7	1	96.8	51.7	5000	10/1000	5BF64C	5BF64
BV-5SMBF70CA	BV-5SMBF70A	64	2	71.1	78.6	1	103	48.6	5000	10/1000	5BF70C	5BF70
BV-5SMBF75CA	BV-5SMBF75A	70	2	77.8	86	1	113	44.3	5000	10/1000	5BF75C	5BF75
BV-5SMBF78CA	BV-5SMBF78A	75	2	83.3	92.1	1	121	41.4	5000	10/1000	5BF78C	5BF78
BV-5SMBF85CA	BV-5SMBF85A	78	2	86.7	95.8	1	126	39.7	5000	10/1000	5BF85C	5BF85
BV-5SMBF90CA	BV-5SMBF90A	85	2	94.4	104	1	137	36.5	5000	10/1000	5BF90C	5BF90
BV-5SMBF100CA	BV-5SMBF100A	90	2	100	111	1	146	34.3	5000	10/1000	5BF100C	5BF100
BV-5SMBF110CA	BV-5SMBF110A	100	2	111	123	1	162	30.9	5000	10/1000	5BF110C	5BF110
BV-5SMBF120CA	BV-5SMBF120A	110	2	122	135	1	177	28.3	5000	10/1000	5BF120C	5BF120
BV-5SMBF130CA	BV-5SMBF130A	120	2	133	147	1	193	26	5000	10/1000	5BF130C	5BF130
BV-5SMBF150CA	BV-5SMBF150A	130	2	144	159	1	209	24	5000	10/1000	5BF150C	5BF150
BV-5SMBF160CA	BV-5SMBF160A	150	2	167	185	1	243	20.6	5000	10/1000	5BF160C	5BF160
BV-5SMBF170CA	BV-5SMBF170A	160	2	178	197	1	259	19.3	5000	10/1000	5BF170C	5BF170
BV-5SMBF180CA	BV-5SMBF180A	170	2	189	209	1	275	18.2	5000	10/1000	5BF180C	5BF180
BV-5SMBF200CA	BV-5SMBF200A	180	2	201	222	1	292	17.1	5000	10/1000	5BF200C	5BF200
BV-SMBF58C2H-1		200	2	224	247	1	324	15.4	5000	10/1000	5BF200C	5BF200
		58	1	62.4	71.2	1	90	700	3000	8/20	BF58C2	
SMB-T 尺寸/Size(LxWxH):5.7x3.6x2.3mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMBT-15CA		15	1	16.7	18.5	1	24.4	1000	1000	8/20	B15CT YYMM	
BV-SMBT-20CA		20	1	22.2	/	1	24.5	1000	600	8/20	B20CT YYMM	
BV-SMBT-20CH		16	1	17.8	/	1	30	1000	600	8/20	B20CT YYMM	
BV-SMBT-30CA		30	1	32	/	1	/	200	/	8/20	B30CT YYMM	
BV-SMBT-58CA		58	1	64.4	71.2	1	93.6	75	1000	8/20	B58CT YYMM	
SMC 尺寸/Size(LxWxH):8.3x6.2x3.0mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMCJ5CAQ	BV-SMCJ5AQ	5	800	6.4	7	10	9.2	163	1500	10/1000	C5C	C5
BV-SMCJ6CAQ	BV-SMCJ6AQ	6	800	6.67	7.37	10	10.3	145.7	1500	10/1000	C6C	C6
BV-SMCJ6.5CAQ	BV-SMCJ6.5AQ	6.5	500	7.22	7.98	10	11.2	134	1500	10/1000	C6.5C	C6.5
BV-SMCJ7CAQ	BV-SMCJ7AQ	7	200	7.78	8.6	10	12	125	1500	10/1000	C7C	C7
BV-SMCJ7.5CAQ	BV-SMCJ7.5AQ	7.5	100	8.33	9.21	1	12.9	116.3	1500	10/1000	C7.5C	C7.5
BV-SMCJ8CAQ	BV-SMCJ8AQ	8	50	8.89	9.83	1	13.6	110.3	1500	10/1000	C8C	C8
BV-SMCJ8.5CAQ	BV-SMCJ8.5AQ	8.5	20	9.44	10.4	1	14.4	104.2	1500	10/1000	C8.5C	C8.5
BV-SMCJ9CAQ	BV-SMCJ9AQ	9	10	10	11.1	1	15.4	97.4	1500	10/1000	C9C	C9
BV-SMCJ10CAQ	BV-SMCJ10AQ	10	5	11.1	12.3	1	17	88.3	1500	10/1000	C10C	C10
BV-SMCJ11CAQ	BV-SMCJ11AQ	11	1	12.2	13.5	1	18.2	82.5	1500	10/1000	C11C	C11
BV-SMCJ12CAQ	BV-SMCJ12AQ	12	1	13.3	14.7	1	19.9	75.4	1500	10/1000	C12C	C12

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMC		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMCJ13CAQ	BV-SMCJ13AQ	13	1	14.4	15.9	1	21.5	69.8	1500	10/1000	C13C	C13
BV-SMCJ14CAQ	BV-SMCJ14AQ	14	1	15.6	17.2	1	23.2	64.7	1500	10/1000	C14C	C14
BV-SMCJ15CAQ	BV-SMCJ15AQ	15	1	16.7	18.5	1	24.4	61.5	1500	10/1000	C15C	C15
BV-SMCJ16CAQ	BV-SMCJ16AQ	16	1	17.8	19.7	1	26	57.7	1500	10/1000	C16C	C16
BV-SMCJ17CAQ	BV-SMCJ17AQ	17	1	18.9	20.9	1	27.6	54.4	1500	10/1000	C17C	C17
BV-SMCJ18CAQ	BV-SMCJ18AQ	18	1	20	22.1	1	29.2	51.4	1500	10/1000	C18C	C18
BV-SMCJ20CAQ	BV-SMCJ20AQ	20	1	22.2	24.5	1	32.4	46.3	1500	10/1000	C20C	C20
BV-SMCJ22CAQ	BV-SMCJ22AQ	22	1	24.4	26.9	1	35.5	42.3	1500	10/1000	C22C	C22
BV-SMCJ24CAQ	BV-SMCJ24AQ	24	1	26.7	29.5	1	38.9	38.6	1500	10/1000	C24C	C24
BV-SMCJ26CAQ	BV-SMCJ26AQ	26	1	28.9	31.9	1	42.1	35.7	1500	10/1000	C26C	C26
BV-SMCJ28CAQ	BV-SMCJ28AQ	28	1	31.1	34.4	1	45.4	33.1	1500	10/1000	C28C	C28
BV-SMCJ30CAQ	BV-SMCJ30AQ	30	1	33.3	36.8	1	48.4	31	1500	10/1000	C30C	C30
BV-SMCJ33CAQ	BV-SMCJ33AQ	33	1	36.7	40.6	1	53.3	28.2	1500	10/1000	C33C	C33
BV-SMCJ36CAQ	BV-SMCJ36AQ	36	1	40	44.2	1	58.1	25.9	1500	10/1000	C36C	C36
BV-SMCJ40CAQ	BV-SMCJ40AQ	40	1	44.4	49.1	1	64.5	23.3	1500	10/1000	C40C	C40
BV-SMCJ43CAQ	BV-SMCJ43AQ	43	1	47.8	52.8	1	69.4	21.7	1500	10/1000	C43C	C43
BV-SMCJ45CAQ	BV-SMCJ45AQ	45	1	50	55.3	1	72.7	20.6	1500	10/1000	C45C	C45
BV-SMCJ48CAQ	BV-SMCJ48AQ	48	1	53.3	58.9	1	77.4	19.4	1500	10/1000	C48C	C48
BV-SMCJ51CAQ	BV-SMCJ51AQ	51	1	56.7	62.7	1	82.4	18.2	1500	10/1000	C51C	C51
BV-SMCJ54CAQ	BV-SMCJ54AQ	54	1	60	66.3	1	87.1	17.3	1500	10/1000	C54C	C54
BV-SMCJ58CAQ	BV-SMCJ58AQ	58	1	64.4	71.2	1	93.6	16.1	1500	10/1000	C58C	C58
BV-SMCJ60CAQ	BV-SMCJ60AQ	60	1	66.7	73.7	1	96.8	15.5	1500	10/1000	C60C	C60
BV-SMCJ64CAQ	BV-SMCJ64AQ	64	1	71.1	78.6	1	103	14.6	1500	10/1000	C64C	C64
BV-SMCJ70CAQ	BV-SMCJ70AQ	70	1	77.8	86	1	113	13.3	1500	10/1000	C70C	C70
BV-SMCJ75CAQ	BV-SMCJ75AQ	75	1	83.3	92.1	1	121	12.4	1500	10/1000	C75C	C75
BV-SMCJ78CAQ	BV-SMCJ78AQ	78	1	86.7	95.8	1	126	11.9	1500	10/1000	C78C	C78
BV-SMCJ85CAQ	BV-SMCJ85AQ	85	1	94.4	104	1	137	11	1500	10/1000	C85C	C85
BV-SMCJ90CAQ	BV-SMCJ90AQ	90	1	100	111	1	146	10.3	1500	10/1000	C90C	C90
BV-SMCJ100CAQ	BV-SMCJ100AQ	100	1	111	123	1	162	9.3	1500	10/1000	C100C	C100
BV-SMCJ110CAQ	BV-SMCJ110AQ	110	1	122	135	1	177	8.5	1500	10/1000	C110C	C110
BV-SMCJ120CAQ	BV-SMCJ120AQ	120	1	133	147	1	193	7.8	1500	10/1000	C120C	C120
BV-SMCJ130CAQ	BV-SMCJ130AQ	130	1	144	159	1	209	7.2	1500	10/1000	C130C	C130
BV-SMCJ150CAQ	BV-SMCJ150AQ	150	1	167	185	1	243	6.2	1500	10/1000	C150C	C150
BV-SMCJ160CAQ	BV-SMCJ160AQ	160	1	178	197	1	259	5.8	1500	10/1000	C160C	C160
BV-SMCJ170CAQ	BV-SMCJ170AQ	170	1	189	209	1	275	5.5	1500	10/1000	C170C	C170
BV-SMCJ180CAQ	BV-SMCJ180AQ	180	1	201	222	1	292	5.1	1500	10/1000	C180C	C180
BV-SMCJ200CAQ	BV-SMCJ200AQ	200	1	224	247	1	324	4.6	1500	10/1000	C200C	C200
BV-SMCJ220CAQ	BV-SMCJ220AQ	220	1	246	272	1	356	4.2	1500	10/1000	C220C	C220
BV-SMCJ250CAQ	BV-SMCJ250AQ	250	1	279	309	1	405	3.7	1500	10/1000	C250C	C250

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMC		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMCJ300CAQ	BV-SMCJ300AQ	300	1	335	371	1	486	3.1	1500	10/1000	C300C	C300
BV-SMCJ350CAQ	BV-SMCJ350AQ	350	1	391	432	1	567	2.6	1500	10/1000	C350C	C350
BV-SMCJ400CAQ	BV-SMCJ400AQ	400	1	447	494	1	648	2.3	1500	10/1000	C400C	C400
BV-SMCJ440CAQ	BV-SMCJ440AQ	440	1	492	543	1	713	2.1	1500	10/1000	C440C	C440
BV-SMCJ5CA-D	BV-SMCJ5A-D	5	800	6.4	7	10	9.2	163	1500	10/1000	C5C	C5
BV-SMCJ6CA-D	BV-SMCJ6A-D	6	800	6.67	7.37	10	10.3	145.7	1500	10/1000	C6C	C6
BV-SMCJ6.5CA-D	BV-SMCJ6.5A-D	6.5	500	7.22	7.98	10	11.2	134	1500	10/1000	C6.5C	C6.5
BV-SMCJ7CA-D	BV-SMCJ7A-D	7	200	7.78	8.6	10	12	125	1500	10/1000	C7C	C7
BV-SMCJ7.5CA-D	BV-SMCJ7.5A-D	7.5	100	8.33	9.21	1	12.9	116.3	1500	10/1000	C7.5C	C7.5
BV-SMCJ8CA-D	BV-SMCJ8A-D	8	50	8.89	9.83	1	13.6	110.3	1500	10/1000	C8C	C8
BV-SMCJ8.5CA-D	BV-SMCJ8.5A-D	8.5	20	9.44	10.4	1	14.4	104.2	1500	10/1000	C8.5C	C8.5
BV-SMCJ9CA-D	BV-SMCJ9A-D	9	10	10	11.1	1	15.4	97.4	1500	10/1000	C9C	C9
BV-SMCJ10CA-D	BV-SMCJ10A-D	10	5	11.1	12.3	1	17	88.3	1500	10/1000	C10C	C10
BV-SMCJ11CA-D	BV-SMCJ11A-D	11	1	12.2	13.5	1	18.2	82.5	1500	10/1000	C11C	C11
BV-SMCJ12CA-D	BV-SMCJ12A-D	12	1	13.3	14.7	1	19.9	75.4	1500	10/1000	C12C	C12
BV-SMCJ13CA-D	BV-SMCJ13A-D	13	1	14.4	15.9	1	21.5	69.8	1500	10/1000	C13C	C13
BV-SMCJ14CA-D	BV-SMCJ14A-D	14	1	15.6	17.2	1	23.2	64.7	1500	10/1000	C14C	C14
BV-SMCJ15CA-D	BV-SMCJ15A-D	15	1	16.7	18.5	1	24.4	61.5	1500	10/1000	C15C	C15
BV-SMCJ16CA-D	BV-SMCJ16A-D	16	1	17.8	19.7	1	26	57.7	1500	10/1000	C16C	C16
BV-SMCJ17CA-D	BV-SMCJ17A-D	17	1	18.9	20.9	1	27.6	54.4	1500	10/1000	C17C	C17
BV-SMCJ18CA-D	BV-SMCJ18A-D	18	1	20	22.1	1	29.2	51.4	1500	10/1000	C18C	C18
BV-SMCJ20CA-D	BV-SMCJ20A-D	20	1	22.2	24.5	1	32.4	46.3	1500	10/1000	C20C	C20
BV-SMCJ22CA-D	BV-SMCJ22A-D	22	1	24.4	26.9	1	35.5	42.3	1500	10/1000	C22C	C22
BV-SMCJ24CA-D	BV-SMCJ24A-D	24	1	26.7	29.5	1	38.9	38.6	1500	10/1000	C24C	C24
BV-SMCJ26CA-D	BV-SMCJ26A-D	26	1	28.9	31.9	1	42.1	35.7	1500	10/1000	C26C	C26
BV-SMCJ28CA-D	BV-SMCJ28A-D	28	1	31.1	34.4	1	45.4	33.1	1500	10/1000	C28C	C28
BV-SMCJ30CA-D	BV-SMCJ30A-D	30	1	33.3	36.8	1	48.4	31	1500	10/1000	C30C	C30
BV-SMCJ33CA-D	BV-SMCJ33A-D	33	1	36.7	40.6	1	53.3	28.2	1500	10/1000	C33C	C33
BV-SMCJ36CA-D	BV-SMCJ36A-D	36	1	40	44.2	1	58.1	25.9	1500	10/1000	C36C	C36
BV-SMCJ40CA-D	BV-SMCJ40A-D	40	1	44.4	49.1	1	64.5	23.3	1500	10/1000	C40C	C40
BV-SMCJ43CA-D	BV-SMCJ43A-D	43	1	47.8	52.8	1	69.4	21.7	1500	10/1000	C43C	C43
BV-SMCJ45CA-D	BV-SMCJ45A-D	45	1	50	55.3	1	72.7	20.6	1500	10/1000	C45C	C45
BV-SMCJ48CA-D	BV-SMCJ48A-D	48	1	53.3	58.9	1	77.4	19.4	1500	10/1000	C48C	C48
BV-SMCJ51CA-D	BV-SMCJ51A-D	51	1	56.7	62.7	1	82.4	18.2	1500	10/1000	C51C	C51
BV-SMCJ54CA-D	BV-SMCJ54A-D	54	1	60	66.3	1	87.1	17.3	1500	10/1000	C54C	C54
BV-SMCJ58CA-D	BV-SMCJ58A-D	58	1	64.4	71.2	1	93.6	16.1	1500	10/1000	C58C	C58
BV-SMCJ60CA-D	BV-SMCJ60A-D	60	1	66.7	73.7	1	96.8	15.5	1500	10/1000	C60C	C60
BV-SMCJ64CA-D	BV-SMCJ64A-D	64	1	71.1	78.6	1	103	14.6	1500	10/1000	C64C	C64
BV-SMCJ70CA-D	BV-SMCJ70A-D	70	1	77.8	86	1	113	13.3	1500	10/1000	C70C	C70

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMC 尺寸/Size(LxWxH):8.3x6.2x3.0mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMCJ75CA-D	BV-SMCJ75A-D	75	1	83.3	92.1	1	121	12.4	1500	10/1000	C75C	C75
BV-SMCJ78CA-D	BV-SMCJ78A-D	78	1	86.7	95.8	1	126	11.9	1500	10/1000	C78C	C78
BV-SMCJ85CA-D	BV-SMCJ85A-D	85	1	94.4	104	1	137	11	1500	10/1000	C85C	C85
BV-SMCJ90CA-D	BV-SMCJ90A-D	90	1	100	111	1	146	10.3	1500	10/1000	C90C	C90
BV-SMCJ100CA-D	BV-SMCJ100A-D	100	1	111	123	1	162	9.3	1500	10/1000	C100C	C100
BV-SMCJ110CA-D	BV-SMCJ110A-D	110	1	122	135	1	177	8.5	1500	10/1000	C110C	C110
BV-SMCJ120CA-D	BV-SMCJ120A-D	120	1	133	147	1	193	7.8	1500	10/1000	C120C	C120
BV-SMCJ130CA-D	BV-SMCJ130A-D	130	1	144	159	1	209	7.2	1500	10/1000	C130C	C130
BV-SMCJ150CA-D	BV-SMCJ150A-D	150	1	167	185	1	243	6.2	1500	10/1000	C150C	C150
BV-SMCJ160CA-D	BV-SMCJ160A-D	160	1	178	197	1	259	5.8	1500	10/1000	C160C	C160
BV-SMCJ170CA-D	BV-SMCJ170A-D	170	1	189	209	1	275	5.5	1500	10/1000	C170C	C170
BV-SMCJ180CA-D	BV-SMCJ180A-D	180	1	201	222	1	292	5.1	1500	10/1000	C180C	C180
BV-SMCJ200CA-D	BV-SMCJ200A-D	200	1	224	247	1	324	4.6	1500	10/1000	C200C	C200
BV-SMCJ220CA-D	BV-SMCJ220A-D	220	1	246	272	1	356	4.2	1500	10/1000	C220C	C220
BV-SMCJ250CA-D	BV-SMCJ250A-D	250	1	279	309	1	405	3.7	1500	10/1000	C250C	C250
BV-SMCJ300CA-D	BV-SMCJ300A-D	300	1	335	371	1	486	3.1	1500	10/1000	C300C	C300
BV-SMCJ350CA-D	BV-SMCJ350A-D	350	1	391	432	1	567	2.6	1500	10/1000	C350C	C350
BV-SMCJ400CA-D	BV-SMCJ400A-D	400	1	447	494	1	648	2.3	1500	10/1000	C400C	C400
BV-SMCJ440CA-D	BV-SMCJ440A-D	440	1	492	543	1	713	2.1	1500	10/1000	C440C	C440
SMC-T 尺寸/Size(LxWxH):8.3x6.2x2.2mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMCT-18CA		18	1	20	22.1	1	29.2	/	3000	/	C18CT YYMM	
BV-SMCT-30CA		30	1	33.3	36.8	1	48.4	/	3000	/	C30CT YYMM	
BV-SMCT-33CA		33	5	36.7	40.6	1	53.3	750	3000	8/20	C33CT YYMM	
BV-SMCT-58CA-1		58	5	64.4	71.2	1	93.6	500	3000	8/20	C58CT YYMM	
BV-SMCT-8CA		8	50	8.89	9.83	1	13.6	750	3000	8/20	C8CT YYMM	
SMD 尺寸/Size(LxWxH):8.3x6.2x3.0mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMDJ5CAQ	BV-SMDJ5AQ	5	800	6.4	7	10	9.2	326.1	3000	10/1000	D5C	D5
BV-SMDJ6CAQ	BV-SMDJ6AQ	6	800	6.67	7.37	10	10.3	291.3	3000	10/1000	D6C	D6
BV-SMDJ6.5CAQ	BV-SMDJ6.5AQ	6.5	500	7.22	7.98	10	11.2	267.9	3000	10/1000	D6.5C	D6.5
BV-SMDJ7CAQ	BV-SMDJ7AQ	7	200	7.78	8.6	10	12	250	3000	10/1000	D7C	D7
BV-SMDJ7.5CAQ	BV-SMDJ7.5AQ	7.5	100	8.33	9.21	1	12.9	232.6	3000	10/1000	D7.5C	D7.5
BV-SMDJ8CAQ	BV-SMDJ8AQ	8	50	8.89	9.83	1	13.6	220.6	3000	10/1000	D8C	D8
BV-SMDJ8.5CAQ	BV-SMDJ8.5AQ	8.5	20	9.44	10.4	1	14.4	208.3	3000	10/1000	D8.5C	D8.5
BV-SMDJ9CAQ	BV-SMDJ9AQ	9	10	10	11.1	1	15.4	194.8	3000	10/1000	D9C	D9
BV-SMDJ10CAQ	BV-SMDJ10AQ	10	5	11.1	12.3	1	17	176.5	3000	10/1000	D10C	D10
BV-SMDJ11CAQ	BV-SMDJ11AQ	11	2	12.2	13.5	1	18.2	164.8	3000	10/1000	D11C	D11
BV-SMDJ12CAQ	BV-SMDJ12AQ	12	1	13.3	14.7	1	19.9	150.8	3000	10/1000	D12C	D12

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMD 尺寸/Size(LxWxH):8.3x6.2x3.0mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMDJ13CAQ	BV-SMDJ13AQ	13	1	14.4	15.9	1	21.5	139.5	3000	10/1000	D13C	D13
BV-SMDJ14CAQ	BV-SMDJ14AQ	14	1	15.6	17.2	1	23.2	129.3	3000	10/1000	D14C	D14
BV-SMDJ15CAQ	BV-SMDJ15AQ	15	1	16.7	18.5	1	24.4	123	3000	10/1000	D15C	D15
BV-SMDJ16CAQ	BV-SMDJ16AQ	16	1	17.8	19.7	1	26	115.4	3000	10/1000	D16C	D16
BV-SMDJ17CAQ	BV-SMDJ17AQ	17	1	18.9	20.9	1	27.6	108.7	3000	10/1000	D17C	D17
BV-SMDJ18CAQ	BV-SMDJ18AQ	18	1	20	22.1	1	29.2	102.7	3000	10/1000	D18C	D18
BV-SMDJ20CAQ	BV-SMDJ20AQ	20	1	22.2	24.5	1	32.4	92.6	3000	10/1000	D20C	D20
BV-SMDJ22CAQ	BV-SMDJ22AQ	22	1	24.4	26.9	1	35.5	84.5	3000	10/1000	D22C	D22
BV-SMDJ24CAQ	BV-SMDJ24AQ	24	1	26.7	29.5	1	38.9	77.1	3000	10/1000	D24C	D24
BV-SMDJ26CAQ	BV-SMDJ26AQ	26	1	28.9	31.9	1	42.1	71.3	3000	10/1000	D26C	D26
BV-SMDJ28CAQ	BV-SMDJ28AQ	28	1	31.1	34.4	1	45.4	66.1	3000	10/1000	D28C	D28
BV-SMDJ30CAQ	BV-SMDJ30AQ	30	1	33.3	36.8	1	48.4	62	3000	10/1000	D30C	D30
BV-SMDJ33CAQ	BV-SMDJ33AQ	33	1	36.7	40.6	1	53.3	56.3	3000	10/1000	D33C	D33
BV-SMDJ36CAQ	BV-SMDJ36AQ	36	1	40	44.2	1	58.1	51.6	3000	10/1000	D36C	D36
BV-SMDJ40CAQ	BV-SMDJ40AQ	40	1	44.4	49.1	1	64.5	46.5	3000	10/1000	D40C	D40
BV-SMDJ43CAQ	BV-SMDJ43AQ	43	1	47.8	52.8	1	69.4	43.2	3000	10/1000	D43C	D43
BV-SMDJ45CAQ	BV-SMDJ45AQ	45	1	50	55.3	1	72.7	41.3	3000	10/1000	D45C	D45
BV-SMDJ48CAQ	BV-SMDJ48AQ	48	1	53.3	58.9	1	77.4	38.8	3000	10/1000	D48C	D48
BV-SMDJ51CAQ	BV-SMDJ51AQ	51	1	56.7	62.7	1	82.4	36.4	3000	10/1000	D51C	D51
BV-SMDJ54CAQ	BV-SMDJ54AQ	54	1	60	66.3	1	87.1	34.4	3000	10/1000	D54C	D54
BV-SMDJ58CAQ	BV-SMDJ58AQ	58	1	64.4	71.2	1	93.6	32.1	3000	10/1000	D58C	D58
BV-SMDJ60CAQ	BV-SMDJ60AQ	60	1	66.7	73.7	1	96.8	31	3000	10/1000	D60C	D60
BV-SMDJ64CAQ	BV-SMDJ64AQ	64	1	71.1	78.6	1	103	29.1	3000	10/1000	D64C	D64
BV-SMDJ70CAQ	BV-SMDJ70AQ	70	1	77.8	86	1	113	26.5	3000	10/1000	D70C	D70
BV-SMDJ75CAQ	BV-SMDJ75AQ	75	1	83.3	92.1	1	121	24.8	3000	10/1000	D75C	D75
BV-SMDJ78CAQ	BV-SMDJ78AQ	78	1	86.7	95.8	1	126	23.8	3000	10/1000	D78C	D78
BV-SMDJ85CAQ	BV-SMDJ85AQ	85	1	94.4	104	1	137	21.9	3000	10/1000	D85C	D85
BV-SMDJ90CAQ	BV-SMDJ90AQ	90	1	100	111	1	146	20.5	3000	10/1000	D90C	D90
BV-SMDJ100CAQ	BV-SMDJ100AQ	100	1	111	123	1	162	18.5	3000	10/1000	D100C	D100
BV-SMDJ110CAQ	BV-SMDJ110AQ	110	1	122	135	1	177	16.9	3000	10/1000	D110C	D110
BV-SMDJ120CAQ	BV-SMDJ120AQ	120	1	133	147	1	193	15.5	3000	10/1000	D120C	D120
BV-SMDJ130CAQ	BV-SMDJ130AQ	130	1	144	159	1	209	14.4	3000	10/1000	D130C	D130
BV-SMDJ150CAQ	BV-SMDJ150AQ	150	1	167	185	1	243	12.3	3000	10/1000	D150C	D150
BV-SMDJ160CAQ	BV-SMDJ160AQ	160	1	178	197	1	259	11.6	3000	10/1000	D160C	D160
BV-SMDJ170CAQ	BV-SMDJ170AQ	170	1	189	209	1	275	10.9	3000	10/1000	D170C	D170
BV-SMDJ180CAQ	BV-SMDJ180AQ	180	1	201	222	1	292	10.3	3000	10/1000	D180C	D180
BV-SMDJ200CAQ	BV-SMDJ200AQ	200	1	224	247	1	324	9.3	3000	10/1000	D200C	D200
BV-SMDJ220CAQ	BV-SMDJ220AQ	220	1	246	272	1	356	8.4	3000	10/1000	D220C	D220
BV-SMDJ250CAQ	BV-SMDJ250AQ	250	1	279	309	1	405	7.4	3000	10/1000	D250C	D250

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μS)	印字 Mark 双向 BI	单向 UNI
SMD		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMDJ300CAQ	BV-SMDJ300AQ	300	1	335	371	1	486	6.2	3000	10/1000	D300C	D300
BV-SMDJ350CAQ	BV-SMDJ350AQ	350	1	391	432	1	567	5.3	3000	10/1000	D350C	D350
BV-SMDJ400CAQ	BV-SMDJ400AQ	400	1	447	494	1	648	4.6	3000	10/1000	D400C	D400
BV-SMDJ440CAQ	BV-SMDJ440AQ	440	1	492	543	1	713	4.2	3000	10/1000	D440C	D440
BV-SMDJ480CAQ	BV-SMDJ480AQ	480	1	536	593	1	750	4	3000	10/1000	D480C	D480
BV-SMDJ5CA-D	BV-SMDJ5A-D	5	800	6.4	7	10	9.2	326.1	3000	10/1000	D5C	D5
BV-SMDJ6CA-D	BV-SMDJ6A-D	6	800	6.67	7.37	10	10.3	291.3	3000	10/1000	D6C	D6
BV-SMDJ6.5CA-D	BV-SMDJ6.5A-D	6.5	500	7.22	7.98	10	11.2	267.9	3000	10/1000	D6.5C	D6.5
BV-SMDJ7CA-D	BV-SMDJ7A-D	7	200	7.78	8.6	10	12	250	3000	10/1000	D7C	D7
BV-SMDJ7.5CA-D	BV-SMDJ7.5A-D	7.5	100	8.33	9.21	1	12.9	232.6	3000	10/1000	D7.5C	D7.5
BV-SMDJ8CA-D	BV-SMDJ8A-D	8	50	8.89	9.83	1	13.6	220.6	3000	10/1000	D8C	D8
BV-SMDJ8.5CA-D	BV-SMDJ8.5A-D	8.5	20	9.44	10.4	1	14.4	208.3	3000	10/1000	D8.5C	D8.5
BV-SMDJ9CA-D	BV-SMDJ9A-D	9	10	10	11.1	1	15.4	194.8	3000	10/1000	D9C	D9
BV-SMDJ10CA-D	BV-SMDJ10A-D	10	5	11.1	12.3	1	17	176.5	3000	10/1000	D10C	D10
BV-SMDJ11CA-D	BV-SMDJ11A-D	11	2	12.2	13.5	1	18.2	164.8	3000	10/1000	D11C	D11
BV-SMDJ12CA-D	BV-SMDJ12A-D	12	1	13.3	14.7	1	19.9	150.8	3000	10/1000	D12C	D12
BV-SMDJ13CA-D	BV-SMDJ13A-D	13	1	14.4	15.9	1	21.5	139.5	3000	10/1000	D13C	D13
BV-SMDJ14CA-D	BV-SMDJ14A-D	14	1	15.6	17.2	1	23.2	129.3	3000	10/1000	D14C	D14
BV-SMDJ15CA-D	BV-SMDJ15A-D	15	1	16.7	18.5	1	24.4	123	3000	10/1000	D15C	D15
BV-SMDJ16CA-D	BV-SMDJ16A-D	16	1	17.8	19.7	1	26	115.4	3000	10/1000	D16C	D16
BV-SMDJ17CA-D	BV-SMDJ17A-D	17	1	18.9	20.9	1	27.6	108.7	3000	10/1000	D17C	D17
BV-SMDJ18CA-D	BV-SMDJ18A-D	18	1	20	22.1	1	29.2	102.7	3000	10/1000	D18C	D18
BV-SMDJ20CA-D	BV-SMDJ20A-D	20	1	22.2	24.5	1	32.4	92.6	3000	10/1000	D20C	D20
BV-SMDJ22CA-D	BV-SMDJ22A-D	22	1	24.4	26.9	1	35.5	84.5	3000	10/1000	D22C	D22
BV-SMDJ24CA-D	BV-SMDJ24A-D	24	1	26.7	29.5	1	38.9	77.1	3000	10/1000	D24C	D24
BV-SMDJ26CA-D	BV-SMDJ26A-D	26	1	28.9	31.9	1	42.1	71.3	3000	10/1000	D26C	D26
BV-SMDJ28CA-D	BV-SMDJ28A-D	28	1	31.1	34.4	1	45.4	66.1	3000	10/1000	D28C	D28
BV-SMDJ30CA-D	BV-SMDJ30A-D	30	1	33.3	36.8	1	48.4	62	3000	10/1000	D30C	D30
BV-SMDJ33CA-D	BV-SMDJ33A-D	33	1	36.7	40.6	1	53.3	56.3	3000	10/1000	D33C	D33
BV-SMDJ36CA-D	BV-SMDJ36A-D	36	1	40	44.2	1	58.1	51.6	3000	10/1000	D36C	D36
BV-SMDJ40CA-D	BV-SMDJ40A-D	40	1	44.4	49.1	1	64.5	46.5	3000	10/1000	D40C	D40
BV-SMDJ43CA-D	BV-SMDJ43A-D	43	1	47.8	52.8	1	69.4	43.2	3000	10/1000	D43C	D43
BV-SMDJ45CA-D	BV-SMDJ45A-D	45	1	50	55.3	1	72.7	41.3	3000	10/1000	D45C	D45
BV-SMDJ48CA-D	BV-SMDJ48A-D	48	1	53.3	58.9	1	77.4	38.8	3000	10/1000	D48C	D48
BV-SMDJ51CA-D	BV-SMDJ51A-D	51	1	56.7	62.7	1	82.4	36.4	3000	10/1000	D51C	D51
BV-SMDJ54CA-D	BV-SMDJ54A-D	54	1	60	66.3	1	87.1	34.4	3000	10/1000	D54C	D54
BV-SMDJ58CA-D	BV-SMDJ58A-D	58	1	64.4	71.2	1	93.6	32.1	3000	10/1000	D58C	D58
BV-SMDJ60CA-D	BV-SMDJ60A-D	60	1	66.7	73.7	1	96.8	31	3000	10/1000	D60C	D60
BV-SMDJ64CA-D	BV-SMDJ64A-D	64	1	71.1	78.6	1	103	29.1	3000	10/1000	D64C	D64

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μS)	印字 Mark 双向 BI	单向 UNI
SMD		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-SMDJ70CA-D	BV-SMDJ70A-D	70	1	77.8	86	1	113	26.5	3000	10/1000	D70C	D70
BV-SMDJ75CA-D	BV-SMDJ75A-D	75	1	83.3	92.1	1	121	24.8	3000	10/1000	D75C	D75
BV-SMDJ78CA-D	BV-SMDJ78A-D	78	1	86.7	95.8	1	126	23.8	3000	10/1000	D78C	D78
BV-SMDJ85CA-D	BV-SMDJ85A-D	85	1	94.4	104	1	137	21.9	3000	10/1000	D85C	D85
BV-SMDJ90CA-D	BV-SMDJ90A-D	90	1	100	111	1	146	20.5	3000	10/1000	D90C	D90
BV-SMDJ100CA-D	BV-SMDJ100A-D	100	1	111	123	1	162	18.5	3000	10/1000	D100C	D100
BV-SMDJ110CA-D	BV-SMDJ110A-D	110	1	122	135	1	177	16.9	3000	10/1000	D110C	D110
BV-SMDJ120CA-D	BV-SMDJ120A-D	120	1	133	147	1	193	15.5	3000	10/1000	D120C	D120
BV-SMDJ130CA-D	BV-SMDJ130A-D	130	1	144	159	1	209	14.4	3000	10/1000	D130C	D130
BV-SMDJ150CA-D	BV-SMDJ150A-D	150	1	167	185	1	243	12.3	3000	10/1000	D150C	D150
BV-SMDJ160CA-D	BV-SMDJ160A-D	160	1	178	197	1	259	11.6	3000	10/1000	D160C	D160
BV-SMDJ170CA-D	BV-SMDJ170A-D	170	1	189	209	1	275	10.9	3000	10/1000	D170C	D170
BV-SMDJ180CA-D	BV-SMDJ180A-D	180	1	201	222	1	292	10.3	3000	10/1000	D180C	D180
BV-SMDJ200CA-D	BV-SMDJ200A-D	200	1	224	247	1	324	9.3	3000	10/1000	D200C	D200
BV-SMDJ220CA-D	BV-SMDJ220A-D	220	1	246	272	1	356	8.4	3000	10/1000	D220C	D220
BV-SMDJ250CA-D	BV-SMDJ250A-D	250	1	279	309	1	405	7.4	3000	10/1000	D250C	D250
BV-SMDJ300CA-D	BV-SMDJ300A-D	300	1	335	371	1	486	6.2	3000	10/1000	D300C	D300
BV-SMDJ350CA-D	BV-SMDJ350A-D	350	1	391	432	1	567	5.3	3000	10/1000	D350C	D350
BV-SMDJ400CA-D	BV-SMDJ400A-D	400	1	447	494	1	648	4.6	3000	10/1000	D400C	D400
BV-SMDJ440CA-D	BV-SMDJ440A-D	440	1	492	543	1	713	4.2	3000	10/1000	D440C	D440
BV-SMDJ480CA-D	BV-SMDJ480A-D	480	1	536	593	1	750	4	3000	10/1000	D480C	D480
5SMD		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-5SMDJ11CAQ	BV-5SMDJ11AQ	11	800	12.2	13.5	1	18.2	275	5000	10/1000	5D11C	5D11
BV-5 SMDJ12CAQ	BV-5SMDJ12AQ	12	800	13.3	14.7	1	19.9	252	5000	10/1000	5D12C	5D12
BV-5SMDJ13CAQ	BV-5SMDJ13AQ	13	500	14.4	15.9	1	21.5	233	5000	10/1000	5D13C	5D13
BV-5SMDJ14CAQ	BV-5SMDJ14AQ	14	200	15.6	17.2	1	23.2	216	5000	10/1000	5D14C	5D14
BV-5SMDJ15CAQ	BV-5SMDJ15AQ	15	100	16.7	18.5	1	24.4	205	5000	10/1000	5D15C	5D15
BV-5SMDJ16CAQ	BV-5SMDJ16AQ	16	50	17.8	19.7	1	26	193	5000	10/1000	5D16C	5D16
BV-5SMDJ17CAQ	BV-5SMDJ17AQ	17	20	18.9	20.9	1	27.6	181	5000	10/1000	5D17C	5D17
BV-5SMDJ18CAQ	BV-5SMDJ18AQ	18	10	20	22.1	1	29.2	172	5000	10/1000	5D18C	5D18
BV-5SMDJ20CAQ	BV-5SMDJ20AQ	20	5	22.2	24.5	1	32.4	155	5000	10/1000	5D20C	5D20
BV-5SMDJ22CAQ	BV-5SMDJ22AQ	22	5	24.4	26.9	1	35.5	141	5000	10/1000	5D22C	5D22
BV-5SMDJ24CAQ	BV-5SMDJ24AQ	24	2	26.7	29.5	1	38.9	129	5000	10/1000	5D24C	5D24
BV-5SMDJ26CAQ	BV-5SMDJ26AQ	26	2	28.9	31.9	1	42.1	119	5000	10/1000	5D26C	5D26
BV-5SMDJ28CAQ	BV-5SMDJ28AQ	28	2	31.1	34.4	1	45.4	110	5000	10/1000	5D28C	5D28
BV-5SMDJ30CAQ	BV-5SMDJ30AQ	30	2	33.3	36.8	1	48.4	103	5000	10/1000	5D30C	5D30
BV-5SMDJ33CAQ	BV-5SMDJ33AQ	33	2	36.7	40.6	1	53.3	93.9	5000	10/1000	5D33C	5D33
BV-5SMDJ36CAQ	BV-5SMDJ36AQ	36	2	40	44.2	1	58.1	86.1	5000	10/1000	5D36C	5D36

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
5SMD		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-5SMDJ40CAQ	BV-5SMDJ40AQ	40	2	44.4	49.1	1	64.5	77.6	5000	10/1000	5D40C	5D40
BV-5SMDJ43CAQ	BV-5SMDJ43AQ	43	2	47.8	52.8	1	69.4	72.1	5000	10/1000	5D43C	5D43
BV-5SMDJ45CAQ	BV-5SMDJ45AQ	45	2	50	55.3	1	72.7	68.8	5000	10/1000	5D45C	5D45
BV-5SMDJ48CAQ	BV-5SMDJ48AQ	48	2	53.3	58.9	1	77.4	64.7	5000	10/1000	5D48C	5D48
BV-5SMDJ51CAQ	BV-5SMDJ51AQ	51	2	56.7	62.7	1	82.4	60.7	5000	10/1000	5D51C	5D51
BV-5SMDJ54CAQ	BV-5SMDJ54AQ	54	2	60	66.3	1	87.1	57.5	5000	10/1000	5D54C	5D54
BV-5SMDJ58CAQ	BV-5SMDJ58AQ	58	2	64.4	71.2	1	93.6	53.5	5000	10/1000	5D58C	5D58
BV-5SMDJ60CAQ	BV-5SMDJ60AQ	60	2	66.7	73.7	1	96.8	51.7	5000	10/1000	5D60C	5D60
BV-5SMDJ64CAQ	BV-5SMDJ64AQ	64	2	71.1	78.6	1	103	48.6	5000	10/1000	5D64C	5D64
BV-5SMDJ70CAQ	BV-5SMDJ70AQ	70	2	77.8	86	1	113	44.3	5000	10/1000	5D70C	5D70
BV-5SMDJ75CAQ	BV-5SMDJ75AQ	75	2	83.3	92.1	1	121	41.4	5000	10/1000	5D75C	5D75
BV-5SMDJ78CAQ	BV-5SMDJ78AQ	78	2	86.7	95.8	1	126	39.7	5000	10/1000	5D78C	5D78
BV-5SMDJ85CAQ	BV-5SMDJ85AQ	85	2	94.4	104	1	137	36.5	5000	10/1000	5D85C	5D85
BV-5SMDJ90CAQ	BV-5SMDJ90AQ	90	2	100	111	1	146	34.3	5000	10/1000	5D90C	5D90
BV-5SMDJ100CAQ	BV-5SMDJ100AQ	100	2	111	123	1	162	30.9	5000	10/1000	5D100C	5D100
BV-5SMDJ110CAQ	BV-5SMDJ110AQ	110	2	122	135	1	177	28.3	5000	10/1000	5D110C	5D110
BV-5SMDJ120CAQ	BV-5SMDJ120AQ	120	2	133	147	1	193	26	5000	10/1000	5D120C	5D120
BV-5SMDJ130CAQ	BV-5SMDJ130AQ	130	2	144	159	1	209	24	5000	10/1000	5D130C	5D130
BV-5SMDJ150CAQ	BV-5SMDJ150AQ	150	2	167	185	1	243	20.6	5000	10/1000	5D150C	5D150
BV-5SMDJ160CAQ	BV-5SMDJ160AQ	160	2	178	197	1	259	19.3	5000	10/1000	5D160C	5D160
BV-5SMDJ170CAQ	BV-5SMDJ170AQ	170	2	189	209	1	275	18.2	5000	10/1000	5D170C	5D170
BV-5SMDJ11CA-D	BV-5SMDJ11A-D	11	800	12.2	13.5	1	18.2	275	5000	10/1000	5D11C	5D11
BV-5SMDJ12CA-D	BV-5SMDJ12A-D	12	800	13.3	14.7	1	19.9	252	5000	10/1000	5D12C	5D12
BV-5SMDJ13CA-D	BV-5SMDJ13A-D	13	500	14.4	15.9	1	21.5	233	5000	10/1000	5D13C	5D13
BV-5SMDJ14CA-D	BV-5SMDJ14A-D	14	200	15.6	17.2	1	23.2	216	5000	10/1000	5D14C	5D14
BV-5SMDJ15CA-D	BV-5SMDJ15A-D	15	100	16.7	18.5	1	24.4	205	5000	10/1000	5D15C	5D15
BV-5SMDJ16CA-D	BV-5SMDJ16A-D	16	50	17.8	19.7	1	26	193	5000	10/1000	5D16C	5D16
BV-5SMDJ17CA-D	BV-5SMDJ17A-D	17	20	18.9	20.9	1	27.6	181	5000	10/1000	5D17C	5D17
BV-5SMDJ18CA-D	BV-5SMDJ18A-D	18	10	20	22.1	1	29.2	172	5000	10/1000	5D18C	5D18
BV-5SMDJ20CA-D	BV-5SMDJ20A-D	20	5	22.2	24.5	1	32.4	155	5000	10/1000	5D20C	5D20
BV-5SMDJ22CA-D	BV-5SMDJ22A-D	22	5	24.4	26.9	1	35.5	141	5000	10/1000	5D22C	5D22
BV-5SMDJ24CA-D	BV-5SMDJ24A-D	24	2	26.7	29.5	1	38.9	129	5000	10/1000	5D24C	5D24
BV-5SMDJ26CA-D	BV-5SMDJ26A-D	26	2	28.9	31.9	1	42.1	119	5000	10/1000	5D26C	5D26
BV-5SMDJ28CA-D	BV-5SMDJ28A-D	28	2	31.1	34.4	1	45.4	110	5000	10/1000	5D28C	5D28
BV-5SMDJ30CA-D	BV-5SMDJ30A-D	30	2	33.3	36.8	1	48.4	103	5000	10/1000	5D30C	5D30
BV-5SMDJ33CA-D	BV-5SMDJ33A-D	33	2	36.7	40.6	1	53.3	93.9	5000	10/1000	5D33C	5D33
BV-5SMDJ36CA-D	BV-5SMDJ36A-D	36	2	40	44.2	1	58.1	86.1	5000	10/1000	5D36C	5D36
BV-5SMDJ40CA-D	BV-5SMDJ40A-D	40	2	44.4	49.1	1	64.5	77.6	5000	10/1000	5D40C	5D40
BV-5SMDJ43CA-D	BV-5SMDJ43A-D	43	2	47.8	52.8	1	69.4	72.1	5000	10/1000	5D43C	5D43

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 OffstateVoltage V_{DRM} (V)	I_{DRM} (μA)	击穿电压 BreakdownVoltage V_{BR}(V) Min	Max	I_R(mA)	最大钳位电压 ClampVoltage V_C (V) Max	I_{PP}(A)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
5SMD		尺寸/Size(LxWxH):8.3x6.2x3.0mm		应用/Application:DCPOWER			温度等级/Temperature Class:MSL1					
BV-5SMDJ45CA-D	BV-5SMDJ45A-D	45	2	50	55.3	1	72.7	68.8	5000	10/1000	5D45C	5D45
BV-5SMDJ48CA-D	BV-5SMDJ48A-D	48	2	53.3	58.9	1	77.4	64.7	5000	10/1000	5D48C	5D48
BV-5SMDJ51CA-D	BV-5SMDJ51A-D	51	2	56.7	62.7	1	82.4	60.7	5000	10/1000	5D51C	5D51
BV-5SMDJ54CA-D	BV-5SMDJ54A-D	54	2	60	66.3	1	87.1	57.5	5000	10/1000	5D54C	5D54
BV-5SMDJ58CA-D	BV-5SMDJ58A-D	58	2	64.4	71.2	1	93.6	53.5	5000	10/1000	5D58C	5D58
BV-5SMDJ60CA-D	BV-5SMDJ60A-D	60	2	66.7	73.7	1	96.8	51.7	5000	10/1000	5D60C	5D60
BV-5SMDJ64CA-D	BV-5SMDJ64A-D	64	2	71.1	78.6	1	103	48.6	5000	10/1000	5D64C	5D64
BV-5SMDJ70CA-D	BV-5SMDJ70A-D	70	2	77.8	86	1	113	44.3	5000	10/1000	5D70C	5D70
BV-5SMDJ75CA-D	BV-5SMDJ75A-D	75	2	83.3	92.1	1	121	41.4	5000	10/1000	5D75C	5D75
BV-5SMDJ78CA-D	BV-5SMDJ78A-D	78	2	86.7	95.8	1	126	39.7	5000	10/1000	5D78C	5D78
BV-5SMDJ85CA-D	BV-5SMDJ85A-D	85	2	94.4	104	1	137	36.5	5000	10/1000	5D85C	5D85
BV-5SMDJ90CA-D	BV-5SMDJ90A-D	90	2	100	111	1	146	34.3	5000	10/1000	5D90C	5D90
BV-5SMDJ100CA-D	BV-5SMDJ100A-D	100	2	111	123	1	162	30.9	5000	10/1000	5D100C	5D100
BV-5SMDJ110CA-D	BV-5SMDJ110A-D	110	2	122	135	1	177	28.3	5000	10/1000	5D110C	5D110
BV-5SMDJ120CA-D	BV-5SMDJ120A-D	120	2	133	147	1	193	26	5000	10/1000	5D120C	5D120
BV-5SMDJ130CA-D	BV-5SMDJ130A-D	130	2	144	159	1	209	24	5000	10/1000	5D130C	5D130
BV-5SMDJ140CA-D	BV-5SMDJ140A-D	140	2	156	171	1	225	22.2	5000	10/1000	5D140C	5D140
BV-5SMDJ150CA-D	BV-5SMDJ150A-D	150	2	167	185	1	243	20.6	5000	10/1000	5D150C	5D150
BV-5SMDJ160CA-D	BV-5SMDJ160A-D	160	2	178	197	1	259	19.3	5000	10/1000	5D160C	5D160
BV-5SMDJ170CA-D	BV-5SMDJ170A-D	170	2	189	209	1	275	18.2	5000	10/1000	5D170C	5D170
BV-5SMDJ15CAH		15	2	16.7	18.5	1	24.4	1000	5000	8/20	5D15C	
BV-5SMDJ20CAH		20	2	22.2	24.5	1	32.4	500	5000	8/20	5D20H	
BV-SMDJ20AI		20	1	22.2	24.5	1	32.4	/	4000	/	D20I	
BV-SMDJ22AI		22	1	24.4	26.9	1	35.5	/	4000	/	D22I	
BV-5SMDJ24CAH		24	2	25.6	29.5	1	38.9	500	5000	8/20	5D24CH	
BV-5SMDJ36CA-1		36	2	40	44.2	1	58.1	/	5000	/	5D36C	
BV-SMCJ40CAI		40	1	44.4	49.1	1	65.4	1000	2000	8/20	C40I	
BV-5SMDJ48CA		48	1	53.3	58.9	1	77.4	1000	5000	8/20	5D48C	
BV-5SMDJ58CA-B		58	2	64.4	71.2	1	93.6	/	5000	/	5D58C	
BV-5SMDJ58CAI		58	2	64.4	71.2	1	/	1000	/	8/20	5D58CI	
BV-5SMDJ58CAK		58	1	62.4	71.2	1	93.6	1000	5000	8/20	5D58CK	
BV-5SMDJ60CAH		60	2	66.7	73.7	1	96.8	/	5000	/	5D60H	
BV-5SMDJ60CAI		60	2	66.7	73.7	1	96.8	/	6600	/	5D60CI	
BV-5SMDJ60CAM		60	2	66.7	73.7	1	96.8	1000	6600	8/20	5D60CM	
BV-5SMDJ75CA-1		75	2	84	89	1	121	/	5000	/	5D75C	
BV-5SMDJ75CAI-1		75	5	85	95	1	121	1000	8000	8/20	5D75CI	
BV-5SMDJ76CAI-Z		76	5	85	95	1	121	1000	8000	8/20	5D76CI	
BV-5SMDJ78CAI-1		78	5	86.7	95.8	1	126	1000	8000	8/20	5D78CI	
BV-5SMDJ80CA-D		80	1	89	98	1	129	/	5000	/	5D80C	

产品型号 Part Number 双向 BI	单向 UNI	不动作电压 Offstate Voltage V_{DRM} (V)	I_{DRM} (μA)	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)	峰值功率 P_{PP} (W)	测试波形 Surge Waveform (μs)	印字 Mark 双向 BI	单向 UNI
SMK 尺寸/Size(LxWxH): 10.8x8.6x3.3mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SMKJ100CA		100	5	107	123	1	/	3000	/	8/20	K100C YYMM	
BV-SMKJ30A		30	10	33	37	10	/	3000	/	8/20	K30A YYMM	
BV-SMKJ64CA		64	5	71.1	78.6	1	/	3000	/	8/20	K64C YYMM	
BV-SMKJ75CA		75	1	85	94	10	/	3000	/	8/20	K75C YYMM	
BV-SMKJ75CAM		75	10	85	94	10	/	800	/	8/20	K75CM YYMM	
BV-SMKJ78CA		78	5	88.8	98	1	/	3000	/	8/20	K78C YYMM	
BV-SMKJ85CA		85	5	94.4	104	1	/	3000	/	8/20	K85C YYMM	
SM8S 尺寸/Size(LxWxH): 16.0x10.5x5.4mm 应用/Application:DCPOWER 温度等级/Temperature Class:MSL1												
BV-SM8S24A-D		24	10	26.7	29.5	5	38.9	170	6600	10/1000	SM8S24A	
BV-SM8S26A-D		26	10	28.9	31.9	5	42.1	157	6600	10/1000	SM8S26A	
BV-SM8S28A-D		28	10	31.1	34.4	5	45.4	145	6600	10/1000	SM8S28A	
BV-SM8S30A-D		30	10	33.3	36.8	5	48.4	136	6600	10/1000	SM8S30A	
BV-SM8S33A-D		33	10	36.7	40.6	5	53.3	124	6600	10/1000	SM8S33A	
BV-SM8S36A-D		36	10	40	44.2	5	58.1	114	6600	10/1000	SM8S36A	
BV-SM8S40A-D		40	10	44.4	49.1	5	64.5	102	6600	10/1000	SM8S40A	
BV-SM8S43A-D		43	10	47.8	52.8	5	69.4	95.1	6600	10/1000	SM8S43A	
SME 尺寸/Size(LxWxH): 18.6x14.3x7.3mm 应用/Application:DC POWER 湿敏等级/Moisture Sensitivity:MSL1												
BV-SMEJ66CA		66	10	72	80	10	/	10000	/	8/20	BV10-66 YYMM	
BV-SMEJ76CA-H		76	10	85	95	10	/	10000	/	8/20	BV10-76 YYMM	
BV-SMEJ86CA-H		86	10	95	105	10	/	10000	/	8/20	BV10-86 YYMM	
BVO-SMG 尺寸/Size:24.0x23.5x13.8 应用/Application:DCPOWER 湿敏等级/Moisture Sensitivity:MSL1												
BVO-SMG76CA		76	20	85	95	1	160	/	10			
AK3 尺寸/Size(LxWxH): 27.2x9.0x8.5mm 应用/Application:DCPOWER 湿敏等级/Moisture Sensitivity:MSL1												
BV-AK3-430CA		430	10	440	490	10	625	3000	/	8/20	AK3-430C	
BV-AK3-530CA		530	10	560	619	10	750	3000	/	8/20	AK3-530C	
AK10 尺寸/Size(LxWxH): 27.2x13.0x12.5mm 应用/Application:DCPOWER 湿敏等级/Moisture Sensitivity:MSL1												
BV-AK10-430CA		430	10	440	490	10	625	10000	/	8/20	AK10-430C	
BV-AK10-530CA		530	10	560	619	10	750	10000	/	8/20	AK10-530C	

产品型号 Part Number	测试方向 Test Direction	不动作电压 Off state Voltage VDRM (V)	ID (μA) Max	转折/开启电压 Switching Voltage VS/VBR (V) Max	IS/IR (mA)	通态电压 On state Voltage VT (V) Max	IT (A)	最大钳位电压 Clamp Voltage VCPE (V) Max	VCPL	@IPP (kA) 8/20μs	最大钳位电压 Clamp Voltage VC (V) Max	@ IPP (kA) 10/350μs	印字 Mark
BVS-SME 尺寸/Size: 18.3x14.0x7.5mm 应用/Application:DC POWER													
BVS-SMEJ7675CA-H	Pin1-Pin2	76	10	95	10	/	/	140	68.4	10	140	0.4	10-7675
	Pin2-Pin1	75	10	88	800	4	2.2	140	/	10	140	0.4	BVS YM

27.2x9.0x8.5mm

产品型号 Part Number	单向/双向 UNI/BI	通道 Channel	不动作电压 Offstate Voltage V_{DRM} (V)	I_{DRM} (μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	I_R (mA)	钳位电压 Clamp Voltage V_C(V)@ I_{PP}max 8/20μs	I_{PP}max (A) 8/20μs	钳位电压 RDVN TYP@ TLP	RVCL TYP@TLP 16A	结电容 Capacitance C_D(pF) Max	C_D(pF) typ	静电能力 ESD capability 接触 Contact (kV)	空气 Air (kV)	功率 P_{PP} (W)	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
DFN0603 尺寸/Size(LxWxH): 0.6x0.3x0.3mm																		
BV-F601UCA	BI	1	1	0.5	1.3	1	6typ	3.5	0.6	11.5	0.6	0.4	12	12	28	1C	RF Signal ESD Protection	MSL3
BV-F601UCB	BI	1	1	0.1	4.5	0.1	3typ	4	0.15	4	0.35	0.25	12	15	12	_m	DisplayPort interface	MSL3
BV-F61.8ZCT	BI	1	1.8	0.5	2.5	1	10typ	11	/	/	/	20	30	30	110	1A	Cellular Phones	MSL3
BV-F603UCG	BI	1	3.3	0.1	5	1	7typ	6	0.27	8.5	0.35	0.25	18	20	42	C9	RF Signal ESD Protection	MSL1
BV-F603UCGQ	BI	1	3.3	0.1	5	1	7typ	6	0.27	8.5	0.35	0.25	18	20	42	C9	RF Signal ESD Protection	MSL1
BV-F603ZCB	BI	1	3.3	0.1	3.5	1	10	17	0.095	5.7	40	30	30	30	170	|E3	Portable devices	MSL1
BV-F603ZCG	BI	1	3.3	0.1	3.5	1	10	9	0.16	7.9	18	/	30	30	90	|A3	Portable devices	MSL1
BV-F603ZCA-AK	BI	1	3.3	0.1	3.5	1	10	9	0.19	8.6	18	15	30	30	90	|A3	Portable devices	MSL3
BV-F605ZCD-AK	BI	1	5	0.1	5.3	1	12	6	0.22	10.5	18	15	30	30	72	|A5	Cellular Phones	MSL3
BV-F605ZCF	BI	1	5	0.1	5.3	1	8typ	16	0.06	7.5	45	35	30	30	128	|E5	Cellular Phones	MSL1
BV-F605UCDQ	BI	1	5	0.1	6	1	25	4	/	/	/	0.25	20	20	100	5BU	Cellular Phones	MSL1
BV-F605UCJ	BI	1	5	0.1	6.5	1	7.5	6	0.4	10.5	0.25	0.2	15	15	45	5JU	Cellular Phones	MSL1
BV-F605UCS	BI	1	5	1	5.6	1	13	3.5	0.45	14.7	5	3.5	8	15	46	5SU	Cellular Phones	MSL3
BV-F65.5ZCA	BI	1	5.5	0.3	6	1	12	6	/	/	20	/	30	30	60	|A6	Portable devices	MSL3
BV-F607ZCA	BI	1	7	1	7.2	1	15	6	0.12	10.3	13	10	30	30	90	|A7	Portable devices	MSL1
BV-F612ZCB-AK	BI	1	12	0.1	13	1	19	8	0.25	15.8	12	8	30	30	152	|Dc	Portable devices	MSL3
BV-F618URCA	BI	1	18	0.1	19	1	25	1	1.9	46	0.06	0.08	12	15	25	VA	RF Signal ESD Protection	MSL3
DFN1006 尺寸/Size: 1.0x0.6x0.5mm																		
BV-FA1.8ZCT	BI	1	1.8	0.5	2.5	1	10	11	0.2	8	/	20	30	30	110	1A	Cell Phone	MSL1
BV-FA2.5UCB	BI	1	2.5	0.1	2.8	1	10	10	/	/	5	3	30	30	100	2V5Z	Cell Phone	MSL1
BV-FA03UCA	BI	1	3.3	0.1	4.2	1	28	4	1.77	40	0.4	0.25	8	15	112	3BU	Cellular Phones	MSL1
BV-FA03UCE	BI	1	3.3	0.1	5	1	7typ	6	0.33	9.5	0.35	0.25	18	20	42	T3	1G/2.5G/5G/10G Ethernet	MSL1
BV-FA03UCJ	BI	1	3.3	0.1	4.5	1	7.5	8	0.21	6.9	0.3	/	15	20	60	3B	Cellular Phones	MSL1
BV-FA03ZCH	BI	1	3.3	1	4.6	1	15	35	0.09	6.5	75	65	30	30	600	|4G	Cellular Phones	MSL1
BV-FA03ZCM	BI	1	3.3	1	4	1	10 typ	55	0.15	7.5	150	/	30	30	550	|4B	Cell Phone	MSL1
BV-FA03ZCT	BI	1	3.3	0.1	3.5	1	10	7	0.16	8.4	18	15	30	30	70	3A	Cell Phone	MSL1
BV-FA03ZCTQ	BI	1	3.3	0.1	3.5	1	10	6	0.16	8	18	15	30	30	70	3A	Cell Phone	MSL1
BV-FA03ZHQ	BI	1	3.3	0.5	5	1	15	20	0.12	8.5	200	/	30	30	300	|3H	Cell Phone	MSL1
BV-FA4.5ZCA	BI	1	4.5	1	4.6	1	15	35	/	/	75	65	30	30	600	|4G	Cell Phone	MSL1
BV-FA4.5ZCB	BI	1	4.5	1	4.6	1	12typ	55	/	/	150	/	30	30	660	|4B	Cell Phone	MSL1
BV-FA05UA	UNI	1	5	0.1	5.4	1	15	4	1	25	0.8	/	20	20	60	|L	DC Power port	MSL1
BV-FA05UCA	BI	1	5	0.1	6	1	24	4	1.64	38	0.4	0.25	20	20	96	5BU	Cell Phone	MSL1
BV-FA05UCAQ	BI	1	5	0.1	6	1	24	4	1.65	40	0.4	0.25	20	20	96	5BU	Cell Phone	MSL1
BV-FA05UCB	BI	1	5	0.05	6	1	10 typ	4	/	/	0.5	0.35	15	15	40	|5U	HDMI	MSL1
BV-FA05UCD	BI	1	5	0.05	6	1	11	7	/	/	1	0.8	30	30	77	|5T	HDMI	MSL1
BV-FA05UCE	BI	1	5	10nA	/	1	/	/	/	/	0.05	/	8	15	/	/	HDMI	MSL1
BV-FA05UCG	BI	1	5	0.5	6	1	8	9	0.35	10	0.45	/	23	25	72	T5	Cell Phone	MSL1
BV-FA05UCJ	BI	1	5	0.1	6.5	1	7.5	6	0.4	10.5	0.25	0.2	15	15	45	5J	Cell Phone	MSL1

产品型号 Part Number	单向/双向 UNI/BI	通道 Channel	不动作电压 OffstateVoltage V_{DRM} (V)	不动作电压 OffstateVoltage I_{DRM} (μA) Max	击穿电压 BreakdownVoltage V_{BR} (V) Min	击穿电压 BreakdownVoltage I_R (mA)	钳位电压 ClampVoltage V_C(V)@ I_{PP}max 8/20μs	钳位电压 ClampVoltage I_{PP}max (A) 8/20μs	钳位电压 RDYN TYP@ TLP	钳位电压 RVCL TYP@TLP 16A	结电容 Capacitance C_D(pF) Max	结电容 Capacitance C_D(pF) typ	静电能力 ESD capability 接触 Contact (kV)	静电能力 ESD capability 空气 Air (kV)	功率 P_{PP} (W)	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
DFN1006 尺寸/Size: 1.0x0.6x0.5mm																		
BV-FA05UCK	BI	1	5	1	5.6	1	12	3	0.45	14.7	5	3.5	8	15	36	5KU	Cell Phone	MSL1
BV-FA05UCY	BI	1	5	0.1	5.5	1	14	4.5	0.3	13.5	0.4	/	30	30	63	JJ	Cell Phone	MSL1
BV-FA05UL	UNI	1	5	0.2	5.6	1	10	4	0.16	10	0.9	/	20	20	40	|U5	DC Power	MSL1
BV-FA05ZCD-1	BI	1	5	0.1	6	1	11	8	/	/	18	13	30	30	88	·H	Cell Phone	MSL1
BV-FA05ZCF	BI	1	5	0.1	5.1	1	12	18	0.08	8	42	35	30	30	260	|5B	Cell Phone	MSL1
BV-FA05ZCH	BI	1	5	0.5	5.8	1	11	100	0.006	6	/	200	30	30	1100	.V5	Cell Phone	MSL1
BV-FA05ZCK	BI	1	5	1	5.5	1	11	35	0.07	7.2	85	75	30	30	385	|5G	Cell Phone	MSL1
BV-FA05ZCM	BI	1	5	1	5.8	1	20	20	0.14	8	40	33	30	30	400	H	Cell Phone	MSL1
BV-FA05ZCQ	BI	1	5	1	6	1	15	4.5	/	/	15	10	30	30	67.5	PB	Cell Phone	MSL1
BV-FA05ZCT	BI	1	5	0.5	5.3	1	12	8	0.18	9.5	18	15	30	30	96	5A	Cell Phone	MSL1
BV-FA05ZCTQ	BI	1	5	0.5	5.3	1	12	8	0.18	9.5	18	15	30	30	96	5A	Cell Phone	MSL1
BV-FA05ZC	BI	1	5	1	6	1	15	4.5	/	/	15	10	30	30	67.5	PB	Cell Phone	MSL1
BV-FA05ZD	UNI	1	5	1	6	1	14	15	0.2	9.8	/	160	30	30	210	|Z5D	Cell Phone	MSL1
BV-FA05ZA	UNI	1	5.5	1	6	1	11typ	40	0.12	9.5	/	270	30	30	440	||K6	Cell Phone	MSL1
BV-FA06ZCA	BI	1	6	0.1	8.5	1	15	6	/	/	20	10	30	30	120	|7A	Cell Phone	MSL1
BV-FA06ZD	UNI	1	6.3	1	7.2	1	15	21	/	/	230	180	30	30	315	|7Q	Cell Phone	MSL1
BV-FA07ZA	UNI	1	7	0.5	8	1	19	8	0.25	13.5	60	/	30	30	152	|Z7A	Cell Phone	MSL1
BV-FA07ZCD	BI	1	7	0.1	7.2	1	15	6	/	/	20	10	30	30	120	7B	Cell Phone	MSL1
BV-FA08ZCT	BI	1	8	0.5	10	1	23	8	0.33	16.5	/	10	25	25	184	|D8	Cell Phone	MSL1
BV-FA814ZCB	BI	1	8/14	1	8.5/14.5	1	24/25.5	3	/	/	13	/	30	30	100	.8E	USB	MSL1
BV-FA12UCA	BI	1	12	1	13.3	1	32	2	/	/	0.4	0.25	15	20	64	12BU	HDMI	MSL1
BV-FA12ZB	UNI	1	12	1	13.5	1	24	10	0.17	17.7	60	/	30	30	240	|12	DC Power	MSL1
BV-FA12ZCT	BI	1	12	0.1	13	1	25	10	0.35	21	15	8	30	30	250	|cD	Cell Phone	MSL1
BV-FA12ZR	UNI	1	12	0.1	13	1	33	30	/	/	200	55	30	30	990	|Z12R	DC Power	MSL1
BV-FA12ZS	UNI	1	12	1	13.3	1	30	60	0.21	18.6	/	110	30	30	1800	|Z12S	DC Power	MSL1
BV-FA15UCA	BI	1	15	1	16.5	1	36	3	2	55	0.4	/	8	15	108	15U	HDMI	MSL1
BV-FA15UCG	BI	1	15	1	16	1	26	15	0.27	19	0.6	/	30	30	390	15B	USB3.0	MSL1
BV-FA15ZB	UNI	1	15	0.1	16	1	28typ	18	0.14	20	/	90	30	30	450	|Z15B	Cell Phone	MSL1
BV-FA15ZCB	BI	1	15	0.1	15.5	1	25	6	0.35	21	10	5	30	30	140	|fD	Cell Phone	MSL1
BV-FA15ZS	UNI	1	15	1	16	1	40	25	0.3	23	/	100	30	30	1000	|Z15S	DC Power	MSL1
BV-FA17ZR	UNI	1	17	1	19	1	28typ	18	0.2	27	/	45	30	30	504	|Z17R	DC Power	MSL1
BV-FA18UCA	BI	1	18	0.05	18.5	1	10	4	0.25	9	0.55	0.4	15	15	40	|8U	HDMI	MSL1
BV-FA18UCAQ	BI	1	18	0.05	18.5	1	10	4	0.25	9	0.55	0.4	15	15	40	|8U	HDMI	MSL1
BV-FA18ZCB	BI	1	18	1	19.5	1	47	4	0.44	30.5	/	22	15	25	188	|DF	Cell Phone	MSL1
BV-FA18ZCBQ	BI	1	18	1	19.5	1	47	4	0.44	30.5	/	22	30	30	188	|DF	Cell Phone	MSL1
BV-FA20ZM	UNI	1	20	1	22	1	35	40	/	/	/	70	30	30	1400	|P20	DC Power	MSL1
BV-FA24UCA	BI	1	24	1	25.5	1	55	2	1.6	63	/	0.35	8	15	110	24BU	Cell Phone	MSL1
BV-FA24UCE	BI	1	24	0.1	/	1	/	/	/	/	/	0.05	8	15	/	/	HDMI	MSL1
BV-FA24ZA	UNI	1	24	1	26.7	1	50	3	/	/	/	35	30	30	200	|Z24A	DC Power	MSL1

产品型号 Part Number	单向/双向 UNI/BI	通道 Channel	不动作电压 OffstateVoltage V_{DRM} (V)	不动作电压 OffstateVoltage I_{DRM} (μA) Max	击穿电压 BreakdownVoltage V_{BR} (V) Min	击穿电压 BreakdownVoltage I_R (mA)	钳位电压 ClampVoltage V_C(V)@ I_{PP}max 8/20μs	钳位电压 ClampVoltage I_{PP}max (A) 8/20μs	钳位电压 RDYN TYP@ TLP	钳位电压 RVCL TYP@TLP 16A	结电容 Capacitance C_D(pF) Max	结电容 Capacitance C_D(pF) typ	静电能力 ESD capability 接触 Contact (kV)	静电能力 ESD capability 空气 Air (kV)	功率 P_{PP} (W)	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
DFN1006 尺寸/Size: 1.0x0.6x0.5mm																		
BV-FA24ZCB	BI	1	24	1	26.7	1	50	3	/	/	/	18	18	22	200	Z24C	DC Power	MSL3
BV-FA24ZCBQ	BI	1	24	1	26.7	1	50	3	/	/	/	18	30	30	200	Z24C	DC Power	MSL3
BV-FA24ZCT	BI	1	24	1	26.7	1	50	5	0.38	37	/	18	18	22	250	Z24C	DC Power	MSL1
BV-FA24ZS	UNI	1	24	1	26	1	28	10	/	/	/	55	30	30	280	|Z24S	DC Power	MSL1
BV-FA28ZCA	BI	1	28	0.1	29	1	50	6	0.28	40	/	25	30	30	330	28A	Cell Phone	MSL1
BV-FA36ZB	UNI	1	36	1	40	1	65	3.5	0.3	54	25	20	30	30	228	|36B	Cell Phone	MSL1
BV-FA36ZCA	BI	1	36	1	40	1	75	2	/	/	/	12	10	15	150	|DN	Cell Phone	MSL1
BV-FA36ZCD	BI	1	36	0.1	38	1	65	4	0.35	58	15	/	30	30	260	CF	Cell Phone	MSL1
DFN1006-3L 尺寸/Size: 1.0x0.6x0.5mm																		
BV-FA05U2B	UNI	2	5	0.1	6	1	15	4	0.85	22	1	0.5	20	20	60	|L	Cell Phone	MSL1
BV-FA05Z2CA	BI	2	5	0.5	5.3	1	12	8	0.18	9.5	18	15	30	30	96	|5T	Cell Phone	MSL1
DFN1608 尺寸/Size: 1.6x0.8x0.5mm																		
BV-FD24UCA	BI	1	24	0.1	/	1	/	/	/	/	/	0.5	8	15	/	/	HDMI	MSL1
DFN1610 尺寸/Size: 1.6x1.0x0.5mm																		
BV-FE4.5ZCA	BI	1	4.5	1	4.8	1	16	160	/	/	1500	/	30	30	2500	4V5C	DC Power	MSL3
BV-FE05ZF	UNI	1	5	1	6	1	13	150	0.06	8.3	2000	/	30	30	1800	|5Z	DC Power	MSL3
BV-FE07ZA	UNI	1	7	1	7.5	1	13	100	/	/	1000	/	30	30	1300	|Z07A	DC Power	MSL3
BV-FE07ZCA	BI	1	7	1	7.5	1	13	100	/	/	1000	/	30	30	1300	|Z07A	DC Power	MSL3
BV-FE10ZA	UNI	1	10	1	10.5	1	25	80	/	/	700	/	30	30	2000	|aDA	DC Power	MSL1
BV-FE12ZS	UNI	1	12	1	13.3	1	25typ	80	/	/	/	350	30	30	2000	|Z12A	DC Power	MSL3
BV-FE15ZS	UNI	1	15	1	16.5	1	30	65	/	/	/	300	30	30	1950	|Z15A	DC Power	MSL3
BV-FE18ZS	UNI	1	18	0.5	19	1	33	80	0.17	23	/	300	30	30	2640	|18ZS	DC Power	MSL3
BV-FE20ZS	UNI	1	20	0.5	22	1	35	35	/	/	/	70	30	30	1225	|20ZS	DC Power	MSL3
BV-FE24ZS	UNI	1	24	1	25	1	40	75	/	/	/	200	30	30	3000	|Z24A	DC Power	MSL3
BV-FE30ZS	UNI	1	30	1	32	1	45	100	/	/	/	200	30	30	4500	|H30T	DC Power	MSL3
DFN1610-6L 尺寸/Size: 1.6x1.0x0.5mm																		
BV-FE03U2A	UNI	2	3.3	0.5	4.5	1	24	4	/	/	0.35	0.25	12	18	100	.GA	Ethernet	MSL3
BV-FE03U2B	UNI	2	3.3	0.05	6	1	10	8	0.3	8.3	0.35	0.3	13	15	80	.GA	Ethernet	MSL3
BV-FE03U2K	UNI	2	3.3	0.05	6	1	10	8	0.3	8.3	0.35	0.3	13	15	80	.GA	Ethernet	MSL3
BV-FE03U2K-H	UNI	2	3.3	0.05	6	1	10	8	0.3	8.3	0.35	0.3	13	15	80	.GA	Ethernet	MSL3
BV-FE03U2M	UNI	2	3.3	0.05	6	1	12	10	0.38	9.2	0.5	0.35	13	15	120	.GA	Ethernet	MSL3
BV-FE05U2A	UNI	2	5	0.5	6	1	15	4	/	/	0.6	0.4	8	15	60	.0522P	Ethernet	MSL1
DFN2010-8L 尺寸/Size(LxWxH): 2.0x1.0x0.4mm																		
BV-FG03U4CB	BI	4	2.5	0.5	2.8	1	10	10	/	/	5	3	25	25	100	.2202	Ethernet	MSL1
BV-FG03U4CA	BI	4	3	0.1	3.5	1	17	12	/	/	1.2	/	30	30	200	.U33	Ethernet	MSL1
BV-SLC2512T	BI	2	3	1	3.5	1	17	12	/	/	1.2	/	30	30	200	.U33	Ethernet	MSL1

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DFN2020 尺寸/Size(LxWxH): 2.0x2.0x0.6mm																		
BV-FM4.5ZA	UNI	1	4.5	1	5	1	22	250	0.02	6.9	/	3000	30	30	5500	|45ZA	Cell Phone	MSL1
BV-FM4.5ZCB	BI	1	4.5	1	4.8	1	20	275	/	/	1000	/	30	30	6000	45ZB.	DC Power	MSL1
BV-FM12ZS	UNI	1	12	1	13	1	33	200	0.018	15	/	1500	30	30	6600	|U12Z	Cell Phone	MSL1
BV-FM15ZS	UNI	1	15	1	16.5	1	36	180	/	/	/	1100	30	30	6480	|U15Z	Cell Phone	MSL1
BV-FM18ZS	UNI	1	18	1	19	1	43	150	/	/	/	950	30	30	6450	|U18Z	Cell Phone	MSL1
BV-FM20ZS-P	UNI	1	20	1	22	1	40	180	/	/	/	800	30	30	7200	|U20P	Cell Phone	MSL1
BV-FM24ZS	UNI	1	24	1	25	1	50	135	/	/	/	770	30	30	6750	|U24Z	Cell Phone	MSL1
BV-FM24ZS-P	UNI	1	24	1	25	1	40	220	/	/	/	700	30	30	8800	|U24P	Cell Phone	MSL1
BV-FM26ZS-P	UNI	1	26	0.5	27.5	1	40	210	/	/	/	700	30	30	8400	|U26P	Cell Phone	MSL1
BV-FM30ZS-P	UNI	1	30	1	31	1	40	180	/	/	/	650	30	30	7200	|U30P	Cell Phone	MSL1
DFN2510 尺寸/Size(LxWxH): 2.5x1.0x0.5mm																		
BV-FK1.5U4CB	BI	4	1.5	0.1	3.6	1	6	7	0.25	0.25	0.55	/	15	20	42	.3XUE	HDMI	MSL3
BV-FK03U4CD	BI	4	3.3	1	3.6	1	15	4	/	/	0.65	/	18	25	60	.3324P	HDMI	MSL1
BV-FK03U4CDQ	BI	4	3.3	1	3.6	1	15	4	/	/	0.65	/	18	25	60	.3324P	HDMI	MSL1
BV-FK03U4CF	BI	4	3.3	0.1	4	1	7.5	8	0.22	0.22	0.65	/	20	20	60	.3XUE	HDMI	MSL3
BV-FK03U4CW	BI	4	3.3	0.5	5	1	8	3	0.3	0.3	0.3	0.22	9	12	24	.423BXXX	HDMI	MSL1
BV-FK03U4CY	BI	4	3.3	0.1	4	1	16	12	0.33	0.33	0.6	/	30	30	192	.5ZUE	Cell Phone	MSL1
BV-FK05U4CB	BI	4	5	1	6	1	10	6	0.3	0.3	0.65	/	15	17	50	.T4XXXX	HDMI	MSL3
BV-FK05U4CM	BI	4	5	0.5	6	1	18	2	1.6	1.6	0.35	0.25	15	15	36	.0534P	HDMI	MSL1
BV-FK05U4CP	BI	4	5	0.1	6	1	6.5	6.5	0.3	0.3	0.35	0.3	12	15	42	.05CP	HDMI	MSL3
BV-FK05U4CR	BI	4	5	0.5	6	1	15	4	0.4	0.4	0.6	/	20	25	60	.0524P	HDMI	MSL1
BV-FK05U4CY	BI	4	5	0.1	5.5	1	16	12	0.33	0.33	0.6	/	30	30	192	.5ZUE	Cell Phone	MSL1
BV-FK05U4CL	BI	4	5	0.1	6	1	7.5	6	0.38	0.38	0.6	/	10	15	45	.5V4US	HDMI	MSL3
DFN2626 尺寸/Size(LxWxH): 2.6x2.6x0.6mm																		
BV-FR03U4CA	BI	4	3.3	0.5	4	1	17TYP	25	/	/	5.5	/	30	30	425	.3324P	HDMI	MSL1
DFN3020-10L 尺寸/Size(LxWxH): 3.0x2.0x0.6mm																		
BV-FN2.5U4CA	BI	4	2.5	1	3	1	15	25	/	/	5	/	30	30	500	220425 .YYWW	Ethernet	MSL3
DFN4120-10L 尺寸/Size(LxWxH): 4.1x2.0x0.6mm																		
BV-FW05U6CA	BI	6	5	1	6	1	16	1	0.6	18	0.35	0.2	8	15	16	.BCNYWA	USB3.0	MSL3
SOD323 尺寸/Size(LxWxH): 2.6x1.3x1.2mm																		
BV-D32.5UCA	BI	1	2.5	0.5	2.8	1	10	10	/	/	5	3	30	30	100	ZC	Cell Phone	MSL1
BV03CQ	BI	1	3	20	4	1	13.9	8	/	/	1.5	/	25	25	150	CC	Ethernet	MSL1
BV-D303UCG	BI	1	3.3	0.1	3.8	1	18	19	0.11	8	1.5	0.8	30	30	350	Cl1.	Ethernet	MSL1
BV-D303ZB	UNI	1	3.3	10	4	1	11	18	/	/	450	/	8	15	198	|03W	DC Power	MSL1
BV-D303ZCB	BI	1	3.3	40	4	1	15	20	0.09	6.5	450	/	25	25	300	2A	DC Power	MSL1
BV-D303ZCBQ	BI	1	3.3	40	4	1	15	20	/	/	450	/	25	25	300	2A	DC Power	MSL1

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SOD323 尺寸/Size(LxWxH): 2.6x1.3x1.2mm																		
BV-D303ZCD	BI	1	3.3	1	4	1	18	25	/	/	45	/	30	30	450	2A	DC Power	MSL1
BV03C-H	BI	1	3.3	0.1	3.8	1	23	25	/	/	1.5	0.8	30	30	575	CC	Ethernet	MSL1
BV-D34.5ZA	UNI	1	4.5	1	5	1	15	100	/	/	2000	/	30	30	1500	|U5H	DC Power	MSL1
BV-D34.5ZCA	BI	1	4.5	1	4.8	1	16	160	/	/	1500	/	30	30	2200	48D	Cell Phone	MSL1
BV05C	BI	1	5	5	6	1	23	15	/	/	1.5	/	30	30	345	AC	xDSL	MSL1
BV05C-H	BI	1	5	0.5	6	1	23	18	/	/	1.5	/	30	30	414	AC	xDSL	MSL1
BV05CQ	BI	1	5	5	6	1	18.3	8	/	/	1.5	/	30	30	150	AC	xDSL	MSL1
BV08C	BI	1	8	2	8.5	1	25	15	/	/	1.5	/	8	15	375	BC	xDSL	MSL1
BV-D305UB	UNI	1	5	1	6	1	20	18	/	/	/	0.8	8	15	350	|A	USB2.0	MSL1
BV-D305ZB	UNI	1	5	10	6	1	18	17	/	/	400	/	8	15	306	|05W	DC Power	MSL1
BV-D305ZCF	BI	1	5	1	6	1	20	25	/	/	75	/	30	30	450	2B	DC Power	MSL1
BV-D305ZCG	BI	1	5	0.5	5.3	1	12	8	0.18	9.5	18	15	30	30	96	5K	DC Power	MSL1
BV-D305ZCH	BI	1	5	1	5.6	1	19	120	0.02	7.5	550	/	30	30	2280	5H	DC Power	MSL1
BV-D305ZH	UNI	1	5	1	6	1	14	130	/	/	2000	/	30	30	1820	|U5H	DC Power	MSL1
BV_SD05	UNI	1	5	5	6	1	15	24	/	/	320	/	30	30	360	|5U	USB	MSL1
BV08CQ	BI	1	8	2	8.5	1	18.5	8	/	/	1.5	/	25	25	150	BC	xDSL	MSL1
BV-D308ZCB	BI	1	8	2	8.5	1	24	15	/	/	120	/	30	30	360	2C	DC Power	MSL1
BV-D312UCE	BI	1	12	1	13.5	1	34	13.5	/	/	2	/	30	30	459	DK	xDSL	MSL1
BV-D312ZA	UNI	1	12	1	13.3	1	28	65	0.07	16	450	360	30	30	1820	|H12	DC Power	MSL1
BV-D312ZB	UNI	1	12	1	13.3	1	32	11	/	/	130	/	8	15	352	|12W	DC Power	MSL1
BV-D312ZCB	BI	1	12	1	13.3	1	32	11	/	/	75	/	25	25	352	2D	DC Power	MSL1
BV-D312ZCBQ	BI	1	12	1	13.3	1	32	11	/	/	75	/	30	30	352	2D	DC Power	MSL1
BV12C	BI	1	12	1	13.3	1	28.6	6	/	/	1.5	/	30	30	150	DC	xDSL	MSL1
BV12CQ	BI	1	12	1	13.3	1	28.6	6	/	/	1.5	/	25	25	150	DC	xDSL	MSL1
BV15C	BI	1	15	1	16.7	1	35	10	/	/	1.5	0.8	8	15	350	EC	xDSL	MSL1
BV15CQ	BI	1	15	1	16.7	1	31.8	5	/	/	1.5	/	25	25	150	EC	xDSL	MSL1
BV-D31524ZCB	BI	1	15/24	1	16.7/25.4	1	44/70	5/3	/	/	/	20	25	25	210	|24	DC Power	MSL1
BV-D315UA	UNI	1	15	1	16.7	1	40	12	0.55	30	2	/	30	30	480	|EA	xDSL	MSL1
BV-D315ZB	UNI	1	15	1	16.7	1	38	10	/	/	120	/	8	15	380	|15W	DC Power	MSL1
BV-D315ZCB	BI	1	15	1	16.7	1	36	9	/	/	68	/	25	25	324	2J	DC Power	MSL1
BV-D315ZCBQ	BI	1	15	1	16.7	1	36	9	/	/	68	/	30	30	324	2J	DC Power	MSL1
BV-D315ZE	UNI	1	15	1	16.5	1	28typ	80	0.2	22	/	300	30	30	2240	|Z15A	DC Power	MSL1
BV-D315ZF	UNI	1	15	0.1	16.5	1	32	100	0.19	22	350	/	30	30	3200	|15P	DC Power	MSL1
BV-D315ZD	UNI	1	15	0.1	16.7	1	33	10	0.34	25	60	/	30	30	330	|15D	DC Power	MSL1
BV-D318ZD	UNI	1	18	0.1	20	1	38	9	0.38	29	46	/	30	30	342	|18D	DC Power	MSL1
BV-D318ZCB	BI	1	18	1	19.5	1	45	8	0.28	26.5	57	/	30	30	360	2K	DC Power	MSL1
BV24C	BI	1	24	1	26.7	1	56	7	/	/	1.5	/	30	30	392	HC	xDSL	MSL1
BV24CQ	BI	1	24	1	26.7	1	56	3	/	/	1.5	/	25	25	150	HC	xDSL	MSL1
BV-D324ZB	UNI	1	24	1	26.7	1	52	5.5	/	/	80	/	30	30	286	|24W	DC Power	MSL1

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SOD323 尺寸/Size(LxWxH): 2.6x1.3x1.2mm																		
BV-D324ZCB	BI	1	24	1	26.7	1	50	5.5	/	/	50	37	25	25	320	2H	DC Power	MSL1
BV-D324ZCBQ	BI	1	24	1	26.7	1	50	5.5	/	/	50	/	30	30	320	2H	DC Power	MSL1
BV-D324ZF	UNI	1	24	0.1	25.5	1	36	60	0.16	32	250	/	30	30	2160	|24P	DC Power	MSL1
BV-D327ZCB	BI	1	27	1	29	1	50	8	0.3	42	30	/	30	30	400	27F	DC Power	MSL1
BV-D327ZCBQ	BI	1	27	1	29	1	50	8	0.3	42	30	/	30	30	400	27F	DC Power	MSL1
BV-D336ZCD	BI	1	36	1	40	1	80	7.5	0.4	57	35	/	30	30	600	2N	DC Power	MSL1
BV-D336ZCDQ	BI	1	36	1	40	1	80	7.5	0.4	57	35	/	30	30	600	2N	DC Power	MSL1
BV-D336UCB	BI	1	36	1	40	1	70	4	/	/	1.5	1	8	15	280	IC	RS232,RS485	MSL1
BV-D336ZB	UNI	1	36	1	40	1	75	3	/	/	60	/	8	15	225	|36W	DC Power	MSL1
BV-D336ZBQ	UNI	1	36	1	40	1	75	3	/	/	60	/	30	30	225	|36W	DC Power	MSL1
BV-D336ZCB	BI	1	36	1	40	1	75	3	/	/	35	/	30	30	225	2N	DC Power	MSL1
BV-D336ZCBQ	BI	1	36	1	40	1	75	3	/	/	35	/	30	30	225	2N	DC Power	MSL1
SOD523 尺寸/Size(LxWxH): 1.6x0.8x0.6mm																		
BV-D503ZA	UNI	1	3.3	1	4	1	14	7.5	0.15	8.8	105	/	22	30	105	"|Ze∞	Conctrol signal port	MSL1
BV-D503ZCB	BI	1	3.3	1	4	1	12	30	0.08	6.5	100	65	30	30	360	|3C∞	Conctrol signal port	MSL1
BV-D503ZCF	BI	1	3.3	0.1	3.5	1	10	9	0.23	8.9	18	15	30	30	90	|Z3F	Conctrol signal port	MSL1
BV-D505ZCH	BI	1	5	1	5.5	1	13	35	0.02	5.2	85	/	30	30	455	5G	Tablets	MSL1
BVF-D505ZCAQ	BI	1	5	1	6	1	13	12	/	/	50	30	30	30	156	FZB	DC Power	MSL1
BV-D505UB	UNI	1	5	0.5	6	1	12	5	0.18	10	0.8	0.5	20	25	60	|5B	Conctrol signal port	MSL1
BV-D505UCA	BI	1	5	2	5.6	1	15	2	/	/	4	3	8	12	30	LB	Serial and Parallel Ports	MSL1
BV-D505UCB	BI	1	5	0.5	6	1	20.5	6.5	/	/	1	0.7	30	30	133	5B	Serial and Parallel Ports	MSL1
BV-D505ZB	UNI	1	5	0.1	6	1	15	15	0.12	9.2	130	/	30	30	225	|Z5B	Conctrol signal port	MSL1
BV-D505ZCA	BI	1	5	0.1	5.8	1	14	20	/	/	/	30	30	30	280	)(	Conctrol signal port	MSL1
BV-D505ZCB	BI	1	5	2	5.2	1	16	3	/	/	7	/	15	20	50	LB	Conctrol signal port	MSL1
BV-D505ZCF	BI	1	5	0.1	5.6	1	13	8	0.18	9.2	18	15	30	30	104	"|5C∞	Conctrol signal port	MSL1
BV-D505ZCG	BI	1	5	1	5.3	1	12	20	/	/	45	38	30	30	200	5B	Portable devices	MSL1
BV-D507ZA	UNI	1	7	1	7.5	1	22.7	8.8	0.2	12.2	65	/	30	30	200	"|ZH∞	Portable devices	MSL1
BV-D507ZB	UNI	1	7	0.1	8.5	1	20	20	0.09	11.2	140	/	30	30	400	|Z7B	Conctrol signal port	MSL1
BV-D512ZA	UNI	1	12	0.1	14.1	1	29	6	0.2	19.2	100	/	30	30	174	|ZM	Portable devices	MSL1
BV-D512ZCA	BI	1	12	1	13.3	1	16typ	7	0.2	17	/	10	30	30	112	AXB	Conctrol signal port	MSL1
BV-D515ZA	UNI	1	15	0.5	16	1	30	4	0.44	27	28	/	20	25	120	"|ZN∞	Conctrol signal port	MSL1
BV-D518ZA	UNI	1	18	1	19.8	1	29typ	8	/	/	80	50	30	30	105	|18U	Conctrol signal port	MSL1
BV-D524ZA	UNI	1	24	1	26	1	50	3	/	/	80	50	8	15	150	|5S	Portable devices	MSL1
BV-D524ZCA	BI	1	24	1	26	1	50	3.5	0.06	33	20	10	15	20	175	5S	Conctrol signal port	MSL1
BV-D536ZB	UNI	1	36	1	40	1	65	5	/	46	40	30	30	30	325	|ZS	Portable devices	MSL1
SOD923 尺寸/Size(LxWxH): 1.1x0.7x0.5mm																		
BV-D903ZCA	BI	1	3.3	1	3.5	1	8typ	10	0.1	6.2	/	18	25	25	80	|A..	Portable devices	MSL1
BV-D903ZCAQ	BI	1	3.3	1	3.5	1	8typ	10	0.1	6.2	/	18	25	25	80	|A..	Portable devices	MSL1

产品型号 Part Number	单向/双向 UNI/BI	通道 Channel	不动作电压 OffstateVoltage V_{DRM} (V)	不动作电压 OffstateVoltage I_{DRM} (μA) Max	击穿电压 BreakdownVoltage V_{BR} (V) Min	击穿电压 BreakdownVoltage I_R (mA)	钳位电压 ClampVoltage V_C(V)@ I_{PP}max 8/20μs	钳位电压 ClampVoltage I_{PP}max (A) 8/20μs	钳位电压 RDYN TYP@ TLP	钳位电压 RVCL TYP@TLP 16A	结电容 Capacitance C_D(pF) Max	结电容 Capacitance C_D(pF) typ	静电能力 ESD capability 接触 Contact (kV)	静电能力 ESD capability 空气 Air (kV)	功率 P_{PP} (W)	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
SOD923 尺寸/Size(LxWxH): 1.1x0.7x0.5mm																		
BV-D903ZCB	BI	1	3.3	0.1	3.5	1	10	6	0.18	8.4	18	15	30	30	60	3B	Portable devices	MSL1
BV-D905UA	UNI	1	5	1	6	1	14	3.5	0.5	16	0.85	/	8	15	49	|EA	Portable devices	MSL1
BV-D905ZCB	BI	1	5	0.5	5.3	1	12	8	0.25	9.5	/	20	30	30	96	CH	Portable devices	MSL1
SOP8 尺寸/Size(LxWxH): 5.0x6.0x1.6mm																		
BV-P803Z2A	UNI	2	2.2	1	2.8	1	20	100	/	/	25	/	30	30	2000	LC03-3.3SDLC	ISDN	MSL1
BV-P82.8U4CA	BI	4	2.8	0.05	2.8	1	10	10	/	/	2.5	1.5	30	30	100	UP8A	Ethernet	MSL3
BV-3304P8	UNI	4	3.3	0.1	3.5	1	18	25	/	/	2	/	30	30	450	LC3304EP8"	Ethernet	MSL1
BV-P805Z4CA	BI	4	5	1	6	1	20	23	/	/	5	/	30	30	460	05C-4	Ethernet	MSL1
BV-P858Z4A	UNI	4	58	0.5	62	1	100	24	/	/	400	/	30	30	2700	Z58A	DC Power	MSL3
SOT-143 尺寸/Size(LxWxH): 2.9x2.4x1.0mm																		
BV-SR05	UNI	2	5	1	6	1	25	5	/	/	1.2	0.85	10	15	125	R05	USB	MSL1
BV-SR05-A	UNI	2	5	1	6	1	17TYP	12	0.4	15	3	/	30	30	204	.R05A	USB	MSL3
BV-SR70	UNI	2	70	2	70	1	15	15	/	/	10	5	25	25	225	R70	Ethernet	MSL1
SOT-23 尺寸/Size(LxWxH): 2.9x2.4x.0mm1																		
BV-T303Z2B	UNI	2	3.3	40	4	1	12	20	/	/	450	/	8	15	240	M03	Peripherals	MSL1
BV-T303Z2CBQ	BI	2	3.3	40	4	1	15	20	/	/	450	/	30	30	300	C03	DC Power	MSL1
BV-T303Z2CD	BI	2	3.3	1	4	1	18	25	/	/	110	/	30	30	300	C03	DC Power	MSL1
BV-T305U2A	UNI	2	5	0.1	6	1	15	4	/	/	0.4	/	20	25	60	.52L	USB	MSL1
BV-T305Z2B	UNI	2	5	10	6	1	18	17	/	/	400	/	30	30	306	M05	Peripherals	MSL1
BV-T305Z2CB	BI	2	5	10	6	1	18	17	/	/	200	/	25	25	306	C05	DC Power	MSL1
BV-T305Z2CBQ	BI	2	5	10	6	1	18	17	/	/	200	/	30	30	306	C05	DC Power	MSL1
BV-T305Z2CD	BI	2	5	0.5	5.3	1	12.5	6	0.18	8.9	18	/	25	25	75	D05	Wearable Devices	MSL1
BV-T305Z2CE	BI	2	5	1	6	1	22	23	/	/	100	/	30	30	500	5CM	DC Power	MSL1
BV_SM712-A	BI	2	7 12	1	8 13.3	1	18 26	28 20	0.12 0.14	11.7 18	80	/	30	30	500	712	RS485	MSL1
BV-T308Z2B	UNI	2	8	2	8.2	1	24	15	0.14	11.4	240	/	30	30	360	M08	Notebooks	MSL1
BV-T308Z2CA	BI	2	8	1	8.5	1	20	18	/	/	100	/	30	30	360	C08	DC Power	MSL1
BV-T308Z2CB	BI	2	8	2	8.5	1	24	15	/	/	120	/	30	30	360	C08	Notebooks	MSL1
BV-T312Z2CB	BI	2	12	1	13.3	1	32	11	/	/	75	/	25	25	352	C12	DC Power	MSL1
BV-T312Z2CBQ	BI	2	12	1	13.3	1	32	11	/	/	75	/	30	30	352	C12	DC Power	MSL1
BV-T312Z2E	UNI	2	12	1	13.3	1	25	20	/	/	150	/	30	30	500	·SG2	Peripherals	MSL1
BV-T315Z2B	UNI	2	15	1	16.7	1	38	10	/	/	120	/	8	15	380	M15	Peripherals	MSL1
BV-T315Z2BQ	UNI	2	15	1	16.7	1	38	10	/	/	120	/	30	30	380	M15	Peripherals	MSL1
BV-T315Z2CB	BI	2	15	1	16.7	1	38	10	/	/	68	/	25	25	380	C15	DC Power	MSL1
BV-T315Z2CBQ	BI	2	15	1	16.7	1	38	10	/	/	68	/	30	30	380	C15	DC Power	MSL1
BV-T317Z2D	UNI	2	17	1	19	1	35	15	/	/	60	/	30	30	525	C17	Peripherals	MSL1
BV-T318Z2CB	BI	2	18	1	19	1	45	9	/	/	57	/	30	30	405	C18	DC Power	MSL1
BV-T324Z2B	UNI	2	24	1	26.7	1	52	5.5	/	/	80	/	8	15	286	M24	Peripherals	MSL1

静电保护器/ESD

产品型号 Part Number	单向/双向 UNI/BI	通道 Channel	不动作电压 Offstate Voltage V_{DRM} (V)	不动作电压 Offstate Voltage I_{DRM} (μA) Max	击穿电压 Breakdown Voltage V_{BR} (V) Min	击穿电压 Breakdown Voltage I_R (mA)	钳位电压 Clamp Voltage V_C(V)@ I_{PP}max 8/20μs	钳位电压 Clamp Voltage I_{PP}max (A) 8/20μs	钳位电压 RDYN TYP@ TLP	钳位电压 RVCL TYP@TLP 16A	结电容 Capacitance C_D(pF) Max	结电容 Capacitance C_D(pF) typ	静电能力 ESD capability 接触 Contact (kV)	静电能力 ESD capability 空气 Air (kV)	功率 P_{PP} (W)	印字 Mark	应用 Application	湿敏等级 Moisture Sensitivity Level
SOT-23 尺寸/Size(LxWxH): 2.9x2.4x1.0mm																		
BV-T324Z2CH	BI	2	24	0.1	25.5	1	50	8	0.35	39	40	25	30	30	400	C24	CAN	MSL1
BV-T324Z2CHQ	BI	2	24	0.1	25.5	1	50	8	0.35	39	40	25	30	30	400	C24	CAN	MSL1
BV-T324U2CDQ	BI	2	24	0.1	26.7	1	60	8	/	/	1.5	1.2	30	30	480	Z27	CAN	MSL1
BV-T336Z2B	UNI	2	36	1	40	1	75	3	/	/	60	/	8	15	225	M36	Peripherals	MSL1
BV-T336Z2CB	BI	2	36	1	40	1	75	3	/	/	35	/	8	15	225	C36	DC Power	MSL1
BV-T336Z2CBQ	BI	2	36	1	40	1	75	3	/	/	35	/	30	30	225	C36	DC Power	MSL1
SOT23-6L 尺寸/Size(LxWxH): 2.9x2.9x1.1mm																		
BV-T603U4CA	UNI	4	3.3	1	4.5	1	15	4	/	/	0.8	0.7	10	15	60	.BC03	Ethernet	MSL1
BV-SRV05-4	UNI	4	5	0.5	6	1	15	5	/	/	0.8	/	10	15	75	.V05	Ethernet	MSL1
BV-SRV05-4A	UNI	4	5	1	6	1	17TYP	12	/	/	3	/	30	30	200	.V05A	Ethernet	MSL1
BV-SRV05-4B	UNI	4	5	1	6	1	25	38	0.12	10	6.5	4.5	30	30	950	.V05C	Ethernet	MSL1
BV-T605U4CE	UNI	4	5	1	7	1	12	6	0.31	11	1.6	/	25	27	72	1208.5U	Ethernet	MSL1
BV-T605U4CM	UNI	4	5	1	6	1	13.5TYP	28	0.12	11	3	/	30	30	378	.E1s	Ethernet	MSL1
BV-T605U4CR	UNI	4	5	1	6	1	15	4	0.33	16.5	0.8	/	15	20	60	.V05	Ethernet	MSL1
SOT-323 尺寸/Size(LxWxH): 2.0x2.3x1.0mm																		
BV-E305U2A	UNI	2	5	1	6	1	15	3	0.75	20	0.8	0.6	8	15	45	.52L	DVI	MSL1
BV-E324Z2CAQ	BI	2	24	1	26.7	1	50	4	0.46	42	18	12	30	30	200	C24	Portable devices	MSL1
SOT-363 尺寸/Size(LxWxH): 2.0x2.3x1.0mm																		
BV-E605U4CA	BI	4	5	1	6	1	15	5	0.6	18.3	0.8	/	20	20	75	.F54	Ethernet	MSL1
BV-E605U4CB	BI	4	5	0.1	5.5	1	13	8	0.152	11	2	/	30	30	104	.54SH	Mobile Phones	MSL1
BV-E605Z5A	UNI	5	5	1	6	1	15	8	0.16	10	80	/	30	30	120	.5C	Portable devices	MSL3
SOT-523 尺寸/Size(LxWxH): 1.6x1.6x0.8mm																		
BV-E505U2B	UNI	2	5	0.1	6	1	15	4	0.8	22	0.8	/	20	20	60	.52L	PCI Express	MSL1
BV-E505U2CA	BI	2	5	1	5.6	1	15	2	/	/	4	/	8	12	30	.52CU	PCI Express	MSL1
SOT553 尺寸/Size(LxWxH): 1.6x1.2x0.6mm																		
BV-S505U4A	UNI	4	5	1	6	1	15	4	0.8	22	0.8	/	20	25	60	.54L	USB	MSL1
SOT563 尺寸/Size(LxWxH): 1.6x1.2x0.6mm																		
BV-S605U5A	UNI	5	5	1	6	1	15	4	0.8	22	1.5	/	20	20	60	.55L	USB	MSL1

产品型号 Part Number	通道 Channel	断态电压 Off state Voltage V_{DRM} (V)	断态电压 Off state Voltage I_D (μA) Max	触发转折电压 Switching V_S (V) Max	触发转折电压 Trigger Waveform (μs)	门极反向漏电流 Gate reverse current V_{GK} (V)	门极反向漏电流 Gate reverse current I_{GAS} (μA) Max	正向通态电压 forward voltage V_F (V) Max	正向通态电压 forward voltage I_F (A)	门极触发电压 Gate trigger Voltage V_{GT} (V) Max	门极触发电压 Gate trigger Current I_{GT} (mA) Max	结电容 Capacitance C_D (pF) 2V@1MHZ Max	测试波形 Surge Waveform (μs)	通流能力 Surge Peak (kV)	印字 Mark
SOP8 尺寸/Size(LxWxH): 4.9x6.0x1.7mm															
BS61089B-8	1	-170	5	-112	2/10	-167	5	3	5	2.5	5	100	10/700	1.6	B61089B
BS61089D-8	2	-170	5	-64	10/700	-167	5	3	5	2.5	5	100	10/700	1.6	B61089D

稳压管/ZENER

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	最大稳定电流 I_{ZT} (mA)	动态阻抗 $Z_{ZT}@I_{ZT}$ (Ω)	反向阻抗 $Z_R@I_{ZK}$	反向击穿电流 I_{ZK} (mA)	反向漏流 I_R (uA)	正向压降 V_R (V)
SOD123 尺寸/Size(LxWxH): 3.7x1.5x1.3mm									
BW-D1D5V1T1G-2	350	5.1	±2%	5	60	480	1	2	2
BW-D1D5V6T1G-2	350	5.6	±2%	5	40	400	1	1	2
BW-D1D6V2T1G-2	350	6.2	±2%	5	10	150	1	3	4
BW-D1D6V8T1G-2	350	6.8	±2%	5	15	80	1	2	4
BW-D1D7V5T1G-2	350	7.5	±2%	5	15	80	1	1	5
BW-D1D8V2T1G-2	350	8.2	±2%	5	15	80	1	0.7	5
BW-D1D9V1T1G-2	350	9.1	±2%	5	15	100	1	0.5	6
BW-D1D10VT1G-2	350	10	±2%	5	20	150	1	0.2	7
BW-D1D11VT1G-2	350	11	±2%	5	20	150	1	0.1	8
BW-D1D12VT1G-2	350	12	±2%	5	25	150	1	0.1	8
BW-D1D13VT1G-2	350	13	±2%	5	30	170	1	0.1	8
BW-D1D15VT1G-2	350	15	±2%	5	30	200	1	0.1	10.5
BW-D1D16VT1G-2	350	16	±2%	5	40	200	1	0.1	11.2
BW-D1D18VT1G-2	350	18	±2%	5	45	225	1	0.1	12.6
BW-D1D20VT1G-2	350	20	±2%	5	55	225	1	0.1	14
BW-D1D2V4T1G-5	350	2.4	±5%	20	30	1200	0.25	100	1
BW-D1D2V7T1G-5	350	2.7	±5%	20	30	1300	0.25	75	1
BW-D1D3V0T1G-5	350	3	±5%	20	30	1600	0.25	50	1
BW-D1D3V3T1G-5	350	3.3	±5%	20	28	1600	0.25	25	1
BW-D1D3V6T1G-5	350	3.6	±5%	20	24	1700	0.25	15	1
BW-D1D3V9T1G-5	350	3.9	±5%	20	23	1900	0.25	10	1
BW-D1D4V3T1G-5	350	4.3	±5%	20	22	2000	0.25	5	1
BW-D1D4V7T1G-5	350	4.7	±5%	20	19	1900	0.25	5	2
BW-D1D5V1T1G-5	350	5.1	±5%	20	17	1600	0.25	5	2
BW-D1D5V6T1G-5	350	5.6	±5%	20	11	1600	0.25	5	3
BW-D1D6V0T1G-5	350	6	±5%	20	7	1600	0.25	5	3.5
BW-D1D6V2T1G-5	350	6.2	±5%	20	7	1000	0.25	5	4
BW-D1D6V8T1G-5	350	6.8	±5%	20	5	750	0.25	3	5
BW-D1D7V5T1G-5	350	7.5	±5%	20	6	500	0.25	3	6
BW-D1D8V2T1G-5	350	8.2	±5%	20	8	500	0.25	3	6.5
BW-D1D8V7T1G-5	350	8.7	±5%	20	8	600	0.25	3	6.5
BW-D1D9V1T1G-5	350	9.1	±5%	20	10	600	0.25	3	7
BW-D1D10VT1G-5	350	10	±5%	20	17	600	0.25	3	8
BW-D1D11VT1G-5	350	11	±5%	20	22	600	0.25	2	8.4
BW-D1D12VT1G-5	350	12	±5%	20	30	600	0.25	1	9.1
BW-D1D13VT1G-5	350	13	±5%	9.5	13	600	0.25	0.5	9.9
BW-D1D14VT1G-5	350	14	±5%	9	15	600	0.25	0.1	10
BW-D1D15VT1G-5	350	15	±5%	8.5	16	600	0.25	0.1	11
BW-D1D16VT1G-5	350	16	±5%	7.8	17	600	0.25	0.1	12

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD123   尺寸/Size(LxWxH): 3.7x1.5x1.3mm									
BW-D1D18VT1G-5	350	18	±5%	7	21	600	0.25	0.1	14
BW-D1D20VT1G-5	350	20	±5%	6.2	25	600	0.25	0.1	15
BW-D1D22VT1G-5	350	22	±5%	5.6	29	600	0.25	0.1	17
BW-D1D24VT1G-5	350	24	±5%	5.2	33	600	0.25	0.1	18
BW-D1D25VT1G-5	350	25	±5%	5	35	600	0.25	0.1	19
BW-D1D27VT1G-5	350	27	±5%	5	41	600	0.25	0.1	21
BW-D1D28VT1G-5	350	28	±5%	4.5	44	600	0.25	0.1	21
BW-D1D30VT1G-5	350	30	±5%	4.2	49	600	0.25	0.1	23
BW-D1D33VT1G-5	350	33	±5%	3.8	58	700	0.25	0.1	25
BW-D1D36VT1G-5	350	36	±5%	3.4	70	700	0.25	0.1	27
BW-D1D39VT1G-5	350	39	±5%	3.2	80	800	0.25	0.1	30
BW-D1D2V4T1G-6	350	2.4	±6%	5	100	600	1	50	1
BW-D1D2V7T1G-6	350	2.7	±6%	5	100	600	1	20	1
BW-D1D3V0T1G-6	350	3	±6%	5	95	600	1	10	1
BW-D1D3V3T1G-6	350	3.3	±6%	5	95	600	1	5	1
BW-D1D3V6T1G-6	350	3.6	±6%	5	90	600	1	5	1
BW-D1D3V9T1G-6	350	3.9	±6%	5	90	600	1	3	1
BW-D1D4V3T1G-6	350	4.3	±6%	5	90	600	1	3	1
BW-D1D4V7T1G-6	350	4.7	±6%	5	80	500	1	3	2
BW-D1D5V1T1G-6	350	5.1	±6%	5	60	480	1	2	2
BW-D1D5V6T1G-6	350	5.6	±6%	5	40	400	1	1	2
BW-D1D6V2T1G-6	350	6.2	±6%	5	10	150	1	3	4
BW-D1D6V8T1G-6	350	6.8	±6%	5	15	80	1	2	4
BW-D1D7V5T1G-6	350	7.5	±6%	5	15	80	1	1	5
BW-D1D8V2T1G-6	350	8.2	±6%	5	15	80	1	0.7	5
BW-D1D9V1T1G-6	350	9.1	±6%	5	15	100	1	0.5	6
BW-D1D10VT1G-6	350	10	±6%	5	20	150	1	0.2	7
BW-D1D11VT1G-6	350	11	±6%	5	20	150	1	0.1	8
BW-D1D12VT1G-6	350	12	±6%	5	25	150	1	0.1	8
BW-D1D13VT1G-6	350	13	±6%	5	30	170	1	0.1	8
BW-D1D15VT1G-6	350	15	±6%	5	30	200	1	0.1	10.5
BW-D1D16VT1G-6	350	16	±6%	5	40	200	1	0.1	11.2
BW-D1D18VT1G-6	350	18	±6%	5	45	225	1	0.1	12.6
BW-D1D20VT1G-6	350	20	±6%	5	55	225	1	0.1	14
BW-D1D22VT1G-6	350	22	±6%	5	55	250	1	0.1	15.4
BW-D1D24VT1G-6	350	24	±6%	5	70	250	1	0.1	16.8
BW-D1D27VT1G-6	350	27	±6%	2	80	300	0.5	0.1	18.9
BW-D1D30VT1G-6	350	30	±6%	2	80	300	0.5	0.1	21
BW-D1D33VT1G-6	350	33	±6%	2	80	325	0.5	0.1	23.1

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD123  尺寸/Size(LxWxH): 3.7x1.5x1.3mm									
BW-D1G2V4T1G-5	500	2.4	±5%	20	30	1200	0.25	100	1
BW-D1G2V5T1G-5	500	2.5	±5%	20	30	1250	0.25	100	1
BW-D1G2V7T1G-5	500	2.7	±5%	20	30	1300	0.25	75	1
BW-D1G2V8T1G-5	500	2.8	±5%	20	30	1400	0.25	75	1
BW-D1G3V0T1G-5	500	3	±5%	20	30	1600	0.25	50	1
BW-D1G3V3T1G-5	500	3.3	±5%	20	28	1600	0.25	25	1
BW-D1G3V6T1G-5	500	3.6	±5%	20	24	1700	0.25	15	1
BW-D1G3V9T1G-5	500	3.9	±5%	20	23	1900	0.25	10	1
BW-D1G4V3T1G-5	500	4.3	±5%	20	22	2000	0.25	5	1
BW-D1G4V7T1G-5	500	4.7	±5%	20	19	1900	0.25	5	2
BW-D1G5V1T1G-5	500	5.1	±5%	20	17	1600	0.25	5	2
BW-D1G5V6T1G-5	500	5.6	±5%	20	11	1600	0.25	5	3
BW-D1G6V0T1G-5	500	6	±5%	20	7	1600	0.25	5	3.5
BW-D1G6V2T1G-5	500	6.2	±5%	20	7	1000	0.25	5	4
BW-D1G6V8T1G-5	500	6.8	±5%	20	5	750	0.25	3	5
BW-D1G7V5T1G-5	500	7.5	±5%	20	6	500	0.25	3	6
BW-D1G8V2T1G-5	500	8.2	±5%	20	8	500	0.25	3	6.5
BW-D1G8V7T1G-5	500	8.7	±5%	20	8	600	0.25	3	6.5
BW-D1G9V1T1G-5	500	9.1	±5%	20	10	600	0.25	3	7
BW-D1G10VT1G-5	500	10	±5%	20	17	600	0.25	3	8
BW-D1G11VT1G-5	500	11	±5%	20	22	600	0.25	2	8.4
BW-D1G12VT1G-5	500	12	±5%	20	30	600	0.25	1	9.1
BW-D1G13VT1G-5	500	13	±5%	9.5	13	600	0.25	0.5	9.9
BW-D1G14VT1G-5	500	14	±5%	9	15	600	0.25	0.1	10
BW-D1G15VT1G-5	500	15	±5%	8.5	16	600	0.25	0.1	11
BW-D1G16VT1G-5	500	16	±5%	7.8	17	600	0.25	0.1	12
BW-D1G17VT1G-5	500	17	±5%	7.5	19	600	0.25	0.1	13
BW-D1G18VT1G-5	500	18	±5%	7	21	600	0.25	0.1	14
BW-D1G20VT1G-5	500	20	±5%	6.2	25	600	0.25	0.1	15
BW-D1G22VT1G-5	500	22	±5%	5.6	29	600	0.25	0.1	17
BW-D1G24VT1G-5	500	24	±5%	5.2	33	600	0.25	0.1	18
BW-D1G25VT1G-5	500	25	±5%	5	35	600	0.25	0.1	19
BW-D1G27VT1G-5	500	27	±5%	5	41	600	0.25	0.1	21
BW-D1G28VT1G-5	500	28	±5%	4.5	44	600	0.25	0.1	21
BW-D1G30VT1G-5	500	30	±5%	4.2	49	600	0.25	0.1	23
BW-D1G33VT1G-5	500	33	±5%	3.8	58	700	0.25	0.1	25

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD123 尺寸/Size(LxWxH): 3.7x1.5x1.3mm									
BW-D1G36VT1G-5	500	36	±5%	3.4	70	700	0.25	0.1	27
BW-D1G39VT1G-5	500	39	±5%	3.2	80	800	0.25	0.1	30
BW-D1G43VT1G-5	500	43	±5%	3	93	900	0.25	0.1	33
BW-D1G47VT1G-5	500	47	±5%	2.7	105	1000	0.25	0.1	36
BW-D1G51VT1G-5	500	51	±5%	2.5	125	1100	0.25	0.1	39
BW-D1G56VT1G-5	500	56	±5%	2.2	150	1300	0.25	0.1	43
BW-D1G60VT1G-5	500	60	±5%	2.1	170	1400	0.25	0.1	46
BW-D1G62VT1G-5	500	62	±5%	2	185	1400	0.25	0.1	47
BW-D1G68VT1G-5	500	68	±5%	1.8	230	1600	0.25	0.1	52
BW-D1G75VT1G-5	500	75	±5%	1.7	270	1700	0.25	0.1	56
BW-D1G2V0T1G-6	500	2	±6%	5	150	600	1	100	1
BW-D1G2V4T1G-6	500	2.4	±6%	5	100	600	1	50	1
BW-D1G2V7T1G-6	500	2.7	±6%	5	100	600	1	20	1
BW-D1G3V0T1G-6	500	3	±6%	5	95	600	1	10	1
BW-D1G3V3T1G-6	500	3.3	±6%	5	95	600	1	5	1
BW-D1G3V6T1G-6	500	3.6	±6%	5	90	600	1	5	1
BW-D1G3V9T1G-6	500	3.9	±6%	5	90	600	1	3	1
BW-D1G4V3T1G-6	500	4.3	±6%	5	90	600	1	3	1
BW-D1G4V7T1G-6	500	4.7	±6%	5	80	500	1	3	2
BW-D1G5V1T1G-6	500	5.1	±6%	5	60	480	1	2	2
BW-D1G5V6T1G-6	500	5.6	±6%	5	40	400	1	1	2
BW-D1G6V2T1G-6	500	6.2	±6%	5	10	150	1	3	4
BW-D1G6V8T1G-6	500	6.8	±6%	5	15	80	1	2	4
BW-D1G7V5T1G-6	500	7.5	±6%	5	15	80	1	1	5
BW-D1G8V2T1G-6	500	8.2	±6%	5	15	80	1	0.7	5
BW-D1G9V1T1G-6	500	9.1	±6%	5	15	100	1	0.5	6
BW-D1G10VT1G-6	500	10	±6%	5	20	150	1	0.2	7
BW-D1G11VT1G-6	500	11	±6%	5	20	150	1	0.1	8
BW-D1G12VT1G-6	500	12	±6%	5	25	150	1	0.1	8
BW-D1G13VT1G-6	500	13	±6%	5	30	170	1	0.1	8
BW-D1G15VT1G-6	500	15	±6%	5	30	200	1	0.1	10.5
BW-D1G16VT1G-6	500	16	±6%	5	40	200	1	0.1	11.2
BW-D1G18VT1G-6	500	18	±6%	5	45	225	1	0.1	12.6
BW-D1G20VT1G-6	500	20	±6%	5	55	225	1	0.1	14
BW-D1G22VT1G-6	500	22	±6%	5	55	250	1	0.1	15.4
BW-D1G24VT1G-6	500	24	±6%	5	70	250	1	0.1	16.8
BW-D1G27VT1G-6	500	27	±6%	2	80	300	0.5	0.1	18.9
BW-D1G30VT1G-6	500	30	±6%	2	80	300	0.5	0.1	21
BW-D1G33VT1G-6	500	33	±6%	2	80	325	0.5	0.1	23.1

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD123 尺寸/Size(LxWxH): 3.7x1.5x1.3mm									
BW-D1G36VT1G-6	500	36	±6%	2	90	350	0.5	0.1	25.2
BW-D1G39VT1G-6	500	39	±6%	2	130	350	0.5	0.1	27.3
BW-D1G43VT1G-6	500	43	±6%	2	100	700	1	0.1	32
BW-D1G47VT1G-6	500	47	±6%	2	100	750	1	0.1	35
BW-D1G51VT1G-6	500	51	±6%	2	125	750	1	0.1	38
BW-D1G56VT1G-6	500	56	±6%	2	135	700	1	0.1	39
BW-D1G62VT1G-6	500	62	±6%	2	200	1000	1	0.2	47
BW-D1G68VT1G-6	500	68	±6%	2	250	1000	1	0.2	52
BW-D1G75VT1G-6	500	75	±6%	2	300	1000	1	0.2	57
SOD323 尺寸/Size(LxWxH): 2.5x1.3x1.2mm									
BW-D3A5V1T1G-2	200	5.1	±2%	5	60	480	1	2	2
BW-D3A5V6T1G-2	200	5.6	±2%	5	40	400	1	1	2
BW-D3A6V2T1G-2	200	6.2	±2%	5	10	150	1	3	4
BW-D3A6V8T1G-2	200	6.8	±2%	5	15	80	1	2	4
BW-D3A7V5T1G-2	200	7.5	±2%	5	15	80	1	1	5
BW-D3A8V2T1G-2	200	8.2	±2%	5	15	80	1	0.7	5
BW-D3A9V1T1G-2	200	9.1	±2%	5	15	100	1	0.5	6
BW-D3A10VT1G-2	200	10	±2%	5	20	150	1	0.2	7
BW-D3A11VT1G-2	200	11	±2%	5	20	150	1	0.1	8
BW-D3A12VT1G-2	200	12	±2%	5	25	150	1	0.1	8
BW-D3A13VT1G-2	200	13	±2%	5	30	170	1	0.1	8
BW-D3A15VT1G-2	200	15	±2%	5	30	200	1	0.1	10.5
BW-D3A16VT1G-2	200	16	±2%	5	40	200	1	0.1	11.2
BW-D3A18VT1G-2	200	18	±2%	5	45	225	1	0.1	12.6
BW-D3A20VT1G-2	200	20	±2%	5	55	225	1	0.1	14
BW-D3A2V4T1G-5	200	2.4	±5%	20	30	1200	0.25	100	1
BW-D3A2V7T1G-5	200	2.7	±5%	20	30	1300	0.25	75	1
BW-D3A3V0T1G-5	200	3	±5%	20	30	1600	0.25	50	1
BW-D3A3V3T1G-5	200	3.3	±5%	20	28	1600	0.25	25	1
BW-D3A3V6T1G-5	200	3.6	±5%	20	24	1700	0.25	15	1
BW-D3A3V9T1G-5	200	3.9	±5%	20	23	1900	0.25	10	1
BW-D3A4V3T1G-5	200	4.3	±5%	20	22	2000	0.25	5	1
BW-D3A4V7T1G-5	200	4.7	±5%	20	19	1900	0.25	5	2
BW-D3A5V1T1G-5	200	5.1	±5%	20	17	1600	0.25	5	2
BW-D3A5V6T1G-5	200	5.6	±5%	20	11	1600	0.25	5	3
BW-D3A6V0T1G-5	200	6	±5%	20	7	1600	0.25	5	3.5
BW-D3A6V2T1G-5	200	6.2	±5%	20	7	1000	0.25	5	4
BW-D3A6V8T1G-5	200	6.8	±5%	20	5	750	0.25	3	5

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD323 尺寸/Size(LxWxH): 2.5x1.3x1.2mm									
BW-D3A7V5T1G-5	200	7.5	±5%	20	6	500	0.25	3	6
BW-D3A8V2T1G-5	200	8.2	±5%	20	8	500	0.25	3	6.5
BW-D3A8V7T1G-5	200	8.7	±5%	20	8	600	0.25	3	6.5
BW-D3A9V1T1G-5	200	9.1	±5%	20	10	600	0.25	3	7
BW-D3A10VT1G-5	200	10	±5%	20	17	600	0.25	3	8
BW-D3A11VT1G-5	200	11	±5%	20	22	600	0.25	2	8.4
BW-D3A12VT1G-5	200	12	±5%	20	30	600	0.25	1	9.1
BW-D3A13VT1G-5	200	13	±5%	9.5	13	600	0.25	0.5	9.9
BW-D3A14VT1G-5	200	14	±5%	9	15	600	0.25	0.1	10
BW-D3A15VT1G-5	200	15	±5%	8.5	16	600	0.25	0.1	11
BW-D3A16VT1G-5	200	16	±5%	7.8	17	600	0.25	0.1	12
BW-D3A18VT1G-5	200	18	±5%	7	21	600	0.25	0.1	14
BW-D3A20VT1G-5	200	20	±5%	6.2	25	600	0.25	0.1	15
BW-D3A22VT1G-5	200	22	±5%	5.6	29	600	0.25	0.1	17
BW-D3A24VT1G-5	200	24	±5%	5.2	33	600	0.25	0.1	18
BW-D3A25VT1G-5	200	25	±5%	5	35	600	0.25	0.1	19
BW-D3A27VT1G-5	200	27	±5%	5	41	600	0.25	0.1	21
BW-D3A28VT1G-5	200	28	±5%	4.5	44	600	0.25	0.1	21
BW-D3A30VT1G-5	200	30	±5%	4.2	49	600	0.25	0.1	23
BW-D3A33VT1G-5	200	33	±5%	3.8	58	700	0.25	0.1	25
BW-D3A36VT1G-5	200	36	±5%	3.4	70	700	0.25	0.1	27
BW-D3A39VT1G-5	200	39	±5%	3.2	80	800	0.25	0.1	30
BW-D3A2V4T1G-6	200	2.4	±6%	5	100	600	1	50	1
BW-D3A2V7T1G-6	200	2.7	±6%	5	100	600	1	20	1
BW-D3A3V0T1G-6	200	3	±6%	5	95	600	1	10	1
BW-D3A3V3T1G-6	200	3.3	±6%	5	95	600	1	5	1
BW-D3A3V6T1G-6	200	3.6	±6%	5	90	600	1	5	1
BW-D3A3V9T1G-6	200	3.9	±6%	5	90	600	1	3	1
BW-D3A4V3T1G-6	200	4.3	±6%	5	90	600	1	3	1
BW-D3A4V7T1G-6	200	4.7	±6%	5	80	500	1	3	2
BW-D3A5V1T1G-6	200	5.1	±6%	5	60	480	1	2	2
BW-D3A5V6T1G-6	200	5.6	±6%	5	40	400	1	1	2
BW-D3A6V2T1G-6	200	6.2	±6%	5	10	150	1	3	4
BW-D3A6V8T1G-6	200	6.8	±6%	5	15	80	1	2	4
BW-D3A7V5T1G-6	200	7.5	±6%	5	15	80	1	1	5
BW-D3A8V2T1G-6	200	8.2	±6%	5	15	80	1	0.7	5
BW-D3A9V1T1G-6	200	9.1	±6%	5	15	100	1	0.5	6
BW-D3A10VT1G-6	200	10	±6%	5	20	150	1	0.2	7
BW-D3A11VT1G-6	200	11	±6%	5	20	150	1	0.1	8

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD323 尺寸/Size(LxWxH): 2.5x1.3x1.2mm									
BW-D3A12VT1G-6	200	12	±6%	5	25	150	1	0.1	8
BW-D3A13VT1G-6	200	13	±6%	5	30	170	1	0.1	8
BW-D3A15VT1G-6	200	15	±6%	5	30	200	1	0.1	10.5
BW-D3A16VT1G-6	200	16	±6%	5	40	200	1	0.1	11.2
BW-D3A18VT1G-6	200	18	±6%	5	45	225	1	0.1	12.6
BW-D3A20VT1G-6	200	20	±6%	5	55	225	1	0.1	14
BW-D3A22VT1G-6	200	22	±6%	5	55	250	1	0.1	15.4
BW-D3A24VT1G-6	200	24	±6%	5	70	250	1	0.1	16.8
BW-D3A27VT1G-6	200	27	±6%	2	80	300	0.5	0.1	18.9
BW-D3A30VT1G-6	200	30	±6%	2	80	300	0.5	0.1	21
BW-D3A33VT1G-6	200	33	±6%	2	80	325	0.5	0.1	23.1
BW-D3A36VT1G-6	200	36	±6%	2	90	350	0.5	0.1	25.2
BW-D3A39VT1G-6	200	39	±6%	2	130	350	0.5	0.1	27.3
BW-D3A43VT1G-6	200	43	±6%	2	100	700	1	0.1	32
SOD523 尺寸/Size(LxWxH): 1.6x0.8x0.6mm									
BW-D5Z5V1T1G-2	150	5.1	±2%	5	60	480	1	2	2
BW-D5Z5V6T1G-2	150	5.6	±2%	5	40	400	1	1	2
BW-D5Z6V2T1G-2	150	6.2	±2%	5	10	150	1	3	4
BW-D5Z6V8T1G-2	150	6.8	±2%	5	15	80	1	2	4
BW-D5Z7V5T1G-2	150	7.5	±2%	5	15	80	1	1	5
BW-D5Z8V2T1G-2	150	8.2	±2%	5	15	80	1	0.7	5
BW-D5Z9V1T1G-2	150	9.1	±2%	5	15	100	1	0.5	6
BW-D5Z10VT1G-2	150	10	±2%	5	20	150	1	0.2	7
BW-D5Z11VT1G-2	150	11	±2%	5	20	150	1	0.1	8
BW-D5Z12VT1G-2	150	12	±2%	5	25	150	1	0.1	8
BW-D5Z13VT1G-2	150	13	±2%	5	30	170	1	0.1	8
BW-D5Z15VT1G-2	150	15	±2%	5	30	200	1	0.1	10.5
BW-D5Z16VT1G-2	150	16	±2%	5	40	200	1	0.1	11.2
BW-D5Z18VT1G-2	150	18	±2%	5	45	225	1	0.1	12.6
BW-D5Z20VT1G-2	150	20	±2%	5	55	225	1	0.1	14
BW-D5Z2V4T1G-6	150	2.4	±6%	5	100	600	1	50	1
BW-D5Z2V7T1G-6	150	2.7	±6%	5	100	600	1	20	1
BW-D5Z3V0T1G-6	150	3	±6%	5	95	600	1	10	1
BW-D5Z3V3T1G-6	150	3.3	±6%	5	95	600	1	5	1
BW-D5Z3V6T1G-6	150	3.6	±6%	5	90	600	1	5	1
BW-D5Z3V9T1G-6	150	3.9	±6%	5	90	600	1	3	1
BW-D5Z4V3T1G-6	150	4.3	±6%	5	90	600	1	3	1
BW-D5Z4V7T1G-6	150	4.7	±6%	5	80	500	1	3	2

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOD523 尺寸/Size(LxWxH): 1.6x0.8x0.6mm									
BW-D5Z5V1T1G-6	150	5.1	±6%	5	60	480	1	2	2
BW-D5Z5V6T1G-6	150	5.6	±6%	5	40	400	1	1	2
BW-D5Z6V2T1G-6	150	6.2	±6%	5	10	150	1	3	4
BW-D5Z6V8T1G-6	150	6.8	±6%	5	15	80	1	2	4
BW-D5Z7V5T1G-6	150	7.5	±6%	5	15	80	1	1	5
BW-D5Z8V2T1G-6	150	8.2	±6%	5	15	80	1	0.7	5
BW-D5Z9V1T1G-6	150	9.1	±6%	5	15	100	1	0.5	6
BW-D5Z10VT1G-6	150	10	±6%	5	20	150	1	0.2	7
BW-D5Z11VT1G-6	150	11	±6%	5	20	150	1	0.1	8
BW-D5Z12VT1G-6	150	12	±6%	5	25	150	1	0.1	8
BW-D5Z13VT1G-6	150	13	±6%	5	30	170	1	0.1	8
BW-D5Z15VT1G-6	150	15	±6%	5	30	200	1	0.1	10.5
BW-D5Z16VT1G-6	150	16	±6%	5	40	200	1	0.1	11.2
BW-D5Z18VT1G-6	150	18	±6%	5	45	225	1	0.1	12.6
BW-D5Z20VT1G-6	150	20	±6%	5	55	225	1	0.1	14
BW-D5Z22VT1G-6	150	22	±6%	5	55	250	1	0.1	15.4
BW-D5Z24VT1G-6	150	24	±6%	5	70	250	1	0.1	16.8
BW-D5Z27VT1G-6	150	27	±6%	2	80	300	0.5	0.1	18.9
BW-D5Z30VT1G-6	150	30	±6%	2	80	300	0.5	0.1	21
BW-D5Z33VT1G-6	150	33	±6%	2	80	325	0.5	0.1	23.1
BW-D5Z36VT1G-6	150	36	±6%	2	90	350	0.5	0.1	25.2
BW-D5Z39VT1G-6	150	39	±6%	2	130	350	0.5	0.1	27.3
BW-D5Z43VT1G-6	150	43	±6%	2	100	700	1	0.1	32
SOT-23 尺寸/Size(LxWxH): 2.9x2.4x1.0mm									
BW-TAC5V1T1G-2	300	5.1	±2%	5	60	480	1	2	2
BW-TAC5V6T1G-2	300	5.6	±2%	5	40	400	1	1	2
BW-TAC6V2T1G-2	300	6.2	±2%	5	10	150	1	3	4
BW-TAC6V8T1G-2	300	6.8	±2%	5	15	80	1	2	4
BW-TAC7V5T1G-2	300	7.5	±2%	5	15	80	1	1	5
BW-TAC8V2T1G-2	300	8.2	±2%	5	15	80	1	0.7	5
BW-TAC9V1T1G-2	300	9.1	±2%	5	15	100	1	0.5	6
BW-TAC10VT1G-2	300	10	±2%	5	20	150	1	0.2	7
BW-TAC11VT1G-2	300	11	±2%	5	20	150	1	0.1	8
BW-TAC12VT1G-2	300	12	±2%	5	25	150	1	0.1	8
BW-TAC13VT1G-2	300	13	±2%	5	30	170	1	0.1	8
BW-TAC15VT1G-2	300	15	±2%	5	30	200	1	0.1	10.5
BW-TAC16VT1G-2	300	16	±2%	5	40	200	1	0.1	11.2
BW-TAC18VT1G-2	300	18	±2%	5	45	225	1	0.1	12.6

产品型号 Part Number	功率 P_{PP} (mW)	稳定电压 $V_Z@I_{ZT}$ (V)	公差 Tolerance (V)	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 (uA)	正向压降 V_R (V)
SOT-23 尺寸/Size(LxWxH): 2.9x2.4x1.0mm									
BW-TAC20VT1G-2	300	20	±2%	5	55	225	1	0.1	14
BW-TAC2V4T1G-6	300	2.4	±6%	5	100	600	1	50	1
BW-TAC2V7T1G-6	300	2.7	±6%	5	100	600	1	20	1
BW-TAC3V0T1G-6	300	3	±6%	5	95	600	1	10	1
BW-TAC3V3T1G-6	300	3.3	±6%	5	95	600	1	5	1
BW-TAC3V6T1G-6	300	3.6	±6%	5	90	600	1	5	1
BW-TAC3V9T1G-6	300	3.9	±6%	5	90	600	1	3	1
BW-TAC4V3T1G-6	300	4.3	±6%	5	90	600	1	3	1
BW-TAC4V7T1G-6	300	4.7	±6%	5	80	500	1	3	2
BW-TAC5V1T1G-6	300	5.1	±6%	5	60	480	1	2	2
BW-TAC5V6T1G-6	300	5.6	±6%	5	40	400	1	1	2
BW-TAC6V2T1G-6	300	6.2	±6%	5	10	150	1	3	4
BW-TAC6V8T1G-6	300	6.8	±6%	5	15	80	1	2	4
BW-TAC7V5T1G-6	300	7.5	±6%	5	15	80	1	1	5
BW-TAC8V2T1G-6	300	8.2	±6%	5	15	80	1	0.7	5
BW-TAC9V1T1G-6	300	9.1	±6%	5	15	100	1	0.5	6
BW-TAC10VT1G-6	300	10	±6%	5	20	150	1	0.2	7
BW-TAC11VT1G-6	300	11	±6%	5	20	150	1	0.1	8
BW-TAC12VT1G-6	300	12	±6%	5	25	150	1	0.1	8
BW-TAC13VT1G-6	300	13	±6%	5	30	170	1	0.1	8
BW-TAC15VT1G-6	300	15	±6%	5	30	200	1	0.1	10.5
BW-TAC16VT1G-6	300	16	±6%	5	40	200	1	0.1	11.2
BW-TAC18VT1G-6	300	18	±6%	5	45	225	1	0.05	12.6
BW-TAC20VT1G-6	300	20	±6%	5	55	225	1	0.1	14
BW-TAC22VT1G-6	300	22	±6%	5	55	250	1	0.1	15.4
BW-TAC24VT1G-6	300	24	±6%	5	70	250	1	0.1	16.8
BW-TAC27VT1G-6	300	27	±6%	2	80	300	0.5	0.1	18.9
BW-TAC30VT1G-6	300	30	±6%	2	80	300	0.5	0.1	21
BW-TAC33VT1G-6	300	33	±6%	2	80	325	0.5	0.1	23.1
BW-TAC36VT1G-6	300	36	±6%	2	90	350	0.5	0.1	25.2
BW-TAC39VT1G-6	300	39	±6%	2	130	350	0.5	0.1	27.3
BW-TAC43VT1G-6	300	43	±6%	2	100	700	1	0.1	32

Surge Lab

模拟雷击发生器
IEC61643-1
Surge Test

8/20μs
0-160kA

10/350μs
0-50kA

TLP测试系统
ANSI/ESD
SMT5.5.1

0.2-10nS上升沿
10~1000nS脉宽
0-100A

雷击浪涌发生器
ITU-T K Series
Surge Test

10/700μs
0-6000V
0-400A

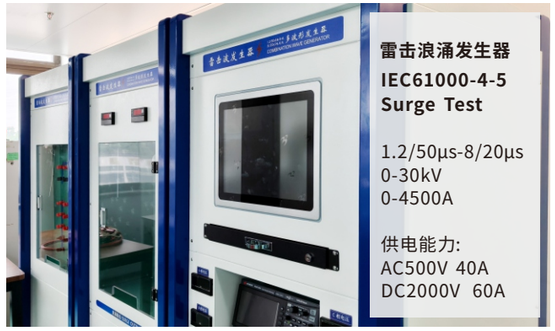
1.2/50μs-8/20μs
0-6000V
0-3000A

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

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

雷击浪涌发生器
IEC61000-4-5
Surge Test

1.2/50μs-8/20μs
0-10kV
0-5000A

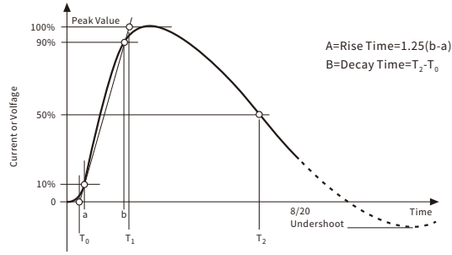


雷击浪涌发生器
IEC61000-4-5
Surge Test

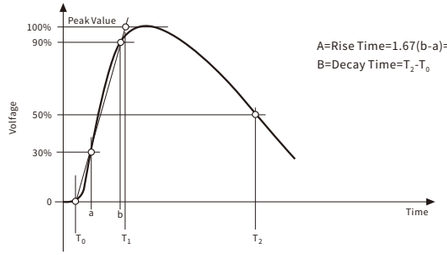
1.2/50μs-8/20μs
0-30kV
0-4500A

供电能力:
AC500V 40A
DC2000V 60A

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



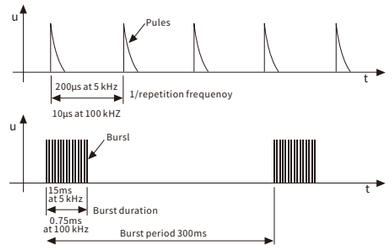
GR1089-2:2010 Double Exponential Voltage/Current Waveform of A/B for 1.2/50 and 10/700 Surges



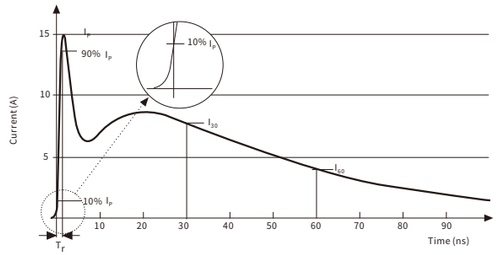
Designation	Condition	Edge	Time and Tolerance	Amplitude
2/10	Open-Circuit Voltage	Rise	2μs+0μs to-1μs	0% to+20%
		Decay	2μs+7μs to-0μs	
	Short-Circuit Current	Rise	2μs+0μs to-1μs	0% to+20%
		Decay	2μs+7μs to-0μs	
1.2/50-8/20 (See Note 1)	Open-Circuit Voltage	Rise	1.2μs±0.36μs	±10%
		Decay	50μs±1.6μs	
	Short-Circuit Current	Rise	8μs±1.6μs	±10% (See Note 2)
		Decay	20μs±4μs	
8/20	Open-Circuit Voltage	Rise	(See Note 3)	(See Note 4)
		Decay	(See Note 3)	
	Short-Circuit Current	Rise	8μs±1.6μs	±10% (See Note 2)
		Decay	20μs±4μs	
10/250	Open-Circuit Voltage	Rise	10μs+0μs to-6.0μs	0% to+16%
		Decay	250μs+150μs to-0μs	
	Short-Circuit Current	Rise	10μs+0μs to-3.0μs	0% to+16%
		Decay	250μs+50μs to-0μs	
10/360	Open-Circuit Voltage	Rise	10μs+0μs to-2.5μs	0% to+15%
		Decay	250μs+108μs to-0μs	
	Short-Circuit Current	Rise	10μs+0μs to-2.5μs	0% to+15%
		Decay	250μs+108μs to-0μs	
10/700 Dual Output Version	Open-Circuit Voltage - Both terminals open	Rise	10μs±3μs	±10%
		Decay	700μs±140μs	
	Open-Circuit Voltage - Other terminal shorted	Rise	5μs±1.5μs	±10%
		Decay	320μs±64μs	
	Short-Circuit Current - Other terminal open	Rise	5μs±1.5μs	±10%
		Decay	320μs±64μs	
	Short-Circuit Current - Both terminals shorted	Rise	4μs±1.2μs	±10%
		Decay	250μs±50μs	
10/1000	Open-Circuit Voltage	Rise	10μs+0μs to-4.0μs	0% to+15%
		Decay	1000μs+500μs to-0μs	
	Short-Circuit Current	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.

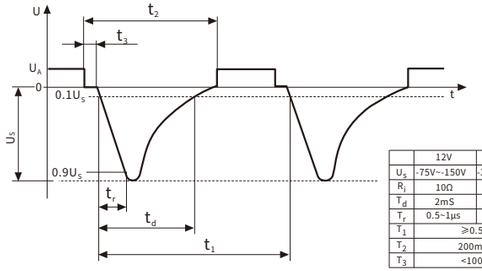
IEC61000-4-4:2012 Representation of an electrical fast transient / burst



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

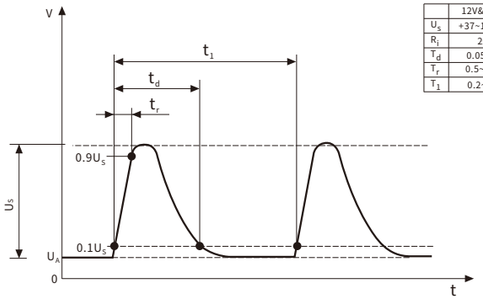


ISO7637-2:2011 Test pulse generator for immunity testing——Test pulse 1



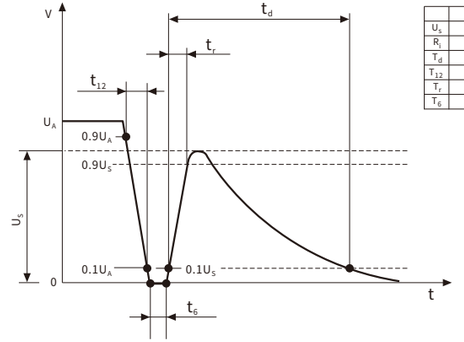
	12V	24V
U_s	-75V~-150V	-300V~-600V
R_i	10Ω	50Ω
T_d	2mS	1ms
T_r	0.5~1μs	1.5~3μs
T_1	⩾0.5s	
T_2	200ms	
T_3	<100	

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



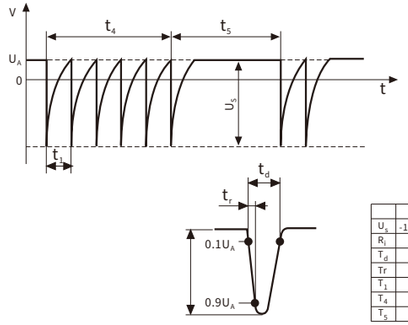
	12V&24V
U_s	+37~112V
R_i	2Ω
T_d	0.05ms
T_r	0.5~1μs
T_1	0.2~5s

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



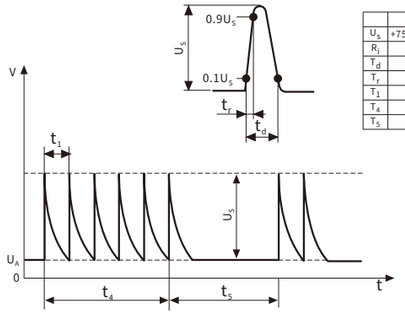
	12V	24V
U_s	10V	20V
R_i	0~0.05Ω	
T_d	0.2~2s	
T_{12}	1ms±0.5ms	
T_r	1ms±0.5ms	
T_6	1ms±0.5ms	

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



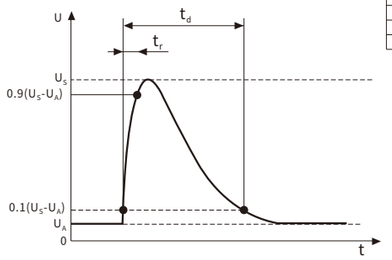
	12V	24V
U_s	-112V~-220V	-150V~-300V
R_i	50Ω	
T_d	150ns±45ns	
Tr	5ns±1.5ns	
T_1	100μs	
T_4	10ms	
T_5	90ms	

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



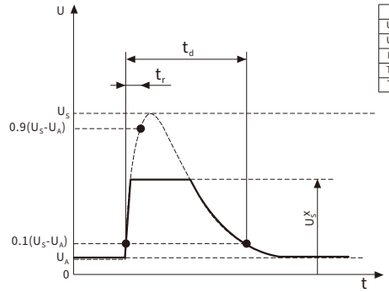
	12V	24V
U_s	+75V~+150V	+150~+300V
R_i	50Ω	
T_d	150ns±45ns	
T_r	5ns±1.5ns	
T_1	100μs	
T_4	10ms	
T_5	90ms	

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



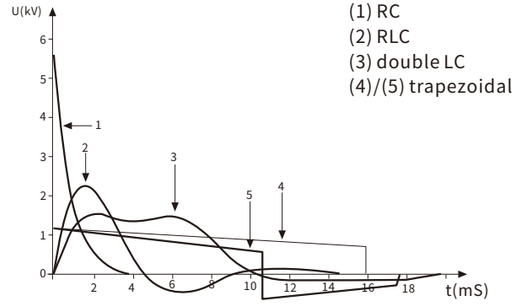
	12V	24V
U_s	79V~101V	151V~202V
R_i	0.5~4Ω	1~8Ω
T_d	40~400ms	100~350ms
T_r	5~10ms	5~10ms

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



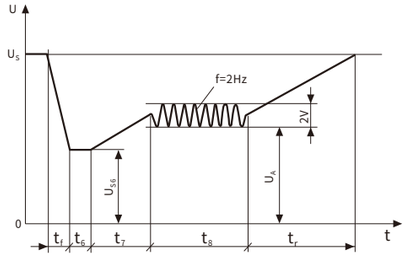
	12V	24V
U_s	79V~101V	151V~202V
U_A	35V	65V
R_i	0.5~4Ω	1~8Ω
T_d	40~400ms	100~350ms
T_r	5~10ms	5~10ms

IEC60601:2008 Response of defibrillator circuits



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

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_1(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)

质量体系认证/Qualification Certifisate

专精特新“小巨人”企业

高新技术企业

ISO9001:2015

IATF 16949:2016

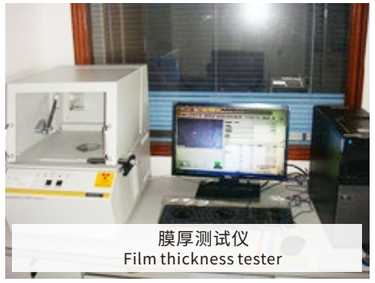
环境管理体系

UL

可靠性实验室/Reliability Lab

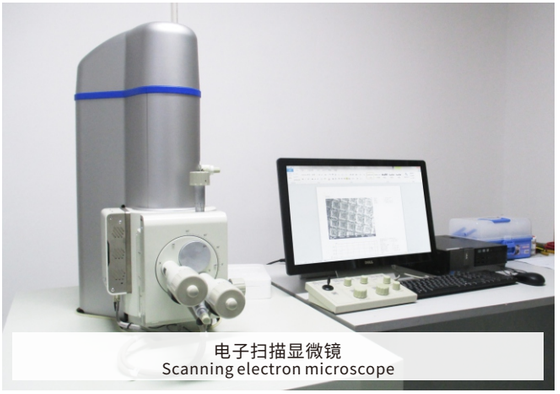
RoHS 测试仪
RoHS Tester

快速温变实验箱
Temperature cycle

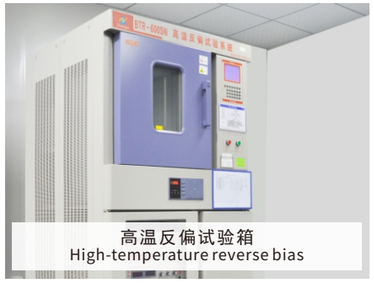


膜厚测试仪
Film thickness tester

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



电子扫描显微镜
Scanning electron microscope



高温反偏试验箱
High-temperature reverse bias

恒温恒湿试验箱
High temperature and humidity

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

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

8/20μs 1kA-15kA

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