

+86 400 1060 780

 扬州扬杰电子科技股份有限公司  
YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD.

Производство Yangjie Electronic запущено в марте 2000 года в г. Янжоу.  
Основная производственная линейка это диоды и диодные мосты.

**Сотрудничество с ООО "СЭлКом" началось в январе 2011 года.**

На данный момент продукция Yangjie производится на 3 заводах.  
Полупроводниковые компоненты Yangjie Electronic это свыше 50 серий и более полутора тысяч наименований изделий.

- Диодные мосты
- Выпрямительные диоды
- Быстровосстанавливающиеся диоды
- Высокоэффективные диоды
- Ультрабыстродействующие диоды
- Супербыстродействующие диоды
- Диоды Шоттки
- Защитные диоды (Супрессоры)
- Стабилитроны
- Высокочастотные переключающие диоды
- Динисторы и тиристоры
- Диоды поверхностного монтажа SMA,SMB,SMC

Срок производства для больших по объему заказов составляет не более 3 недель, а малые по объему заказы производятся в течение недели.

#### Применение

Полупроводниковые компоненты Yangjie Electronic находят широкое применение в автомобильной электронике, в производстве бытовой техники, в современных силовых цепях UPS (ИБП), а также в усилителях, приёмниках, передатчиках, генераторах, измерительных приборах, импульсных схемах и во многих других устройствах.

Продукция Yangjie не содержит вредных и токсичных веществ и соответствует требованиям RoHS и REACH. Компания сертифицирована по международным стандартам ISO9001, ISO14001, TS16949.

Перейти на сайт дистрибьютора в России:  
<https://radiodetali.com/manufacturer/yangzhou-yangjie/>



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 扬杰科技  
YANGJIE TECHNOLOGY

股票代码: 300373



产品手册 | PRODUCT CATALOGUE

Дистрибьютор в России ООО "СЭлКом"  
+7 (495) 204 13 84  
[www.Radiodetali.com](http://www.Radiodetali.com)

扬州扬杰电子科技股份有限公司  
YANGZHOU YANGJIE ELECTRONIC TECHNOLOGY CO.,LTD.

[www.21yangjie.com](http://www.21yangjie.com)

# 公司简介

## Company Profile



扬州扬杰电子科技股份有限公司成立于 2006 年 8 月 2 日，注册资本 4.72 亿元人民币。2014 年 1 月，公司在深交所创业板挂牌上市，股票代码 300373。2017 年营业收入 14.7 亿元。

公司集研发、生产、销售于一体，专业致力于功率半导体芯片及器件的制造。公司主营产品为各类电力电子器件芯片、功率二极管、整流桥、大功率模块、DFN/QFN 产品、SGT MOS 等，产品广泛应用于消费类电子、安防、工控、汽车电子、新能源等诸多领域。

公司凭借长期的技术积累、持续的自主创新能力及成熟的市场推广经验，已是国内少数集单晶硅片制造、芯片设计制造、器件设计封装测试、终端销售与服务等纵向产业链为一体的规模企业，公司产品已在诸多新兴细分市场具有领先的市场地位及较高的市场占有率。未来公司将进一步加大改革创新力度，以领先技术开拓市场，以诚信服务赢得客户。通过全体扬杰人的努力实现“十年奋进，铸就百年扬杰”的美好愿景。

Yangzhou Yangjie Electronic Technology Co., Ltd. was founded in August 2, 2006. The registered capital is 472 million RMB. We were listed in Shenzhen Stock Exchange Market on 23 January, 2014 with stock code 300373. The revenue in 2017 was 1 billion 470 million RMB.

YJ specializes in the field of power semiconductor chips and device manufacturing. We have a wide range production line of discrete semiconductor chips, diodes, bridge rectifiers, and high power modules, DFN / QFN and SGT Mos. YJ products are widely used in consumer electronics, security, industrial and automatic control, automotive electronics, new energy and other fields. With long-term technological accumulation, continuous independent innovation and mature marketing experience, YJ has become one of the few outstanding IDM manufactures in China which integrates monocrystalline silicon wafer fabrication, discrete semiconductor chip design and production, semiconductor component assembly and test as well as market sales&services. In many emerging subdivision market, our product has leading market position and high market share. In the future, YJ will continue to deepen reform and innovating, to explore the market with leading technology; to win the customers with integrity service. We believe that through the efforts of all YJ people, we could achieve our vision "Decade endeavor built century YJ".

# 生产实况

## Production Line

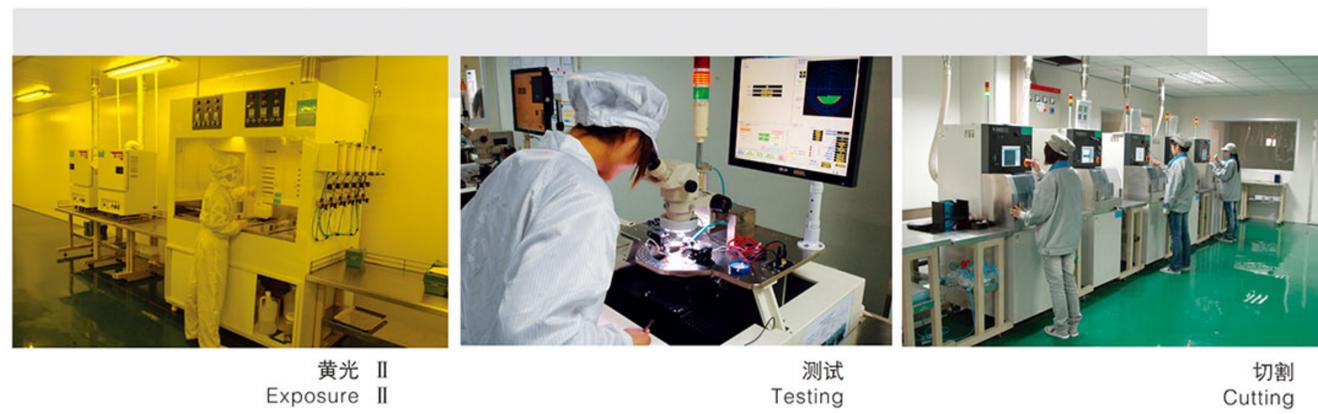
- 自动化生产：**  
 二极管 & 整流桥：装填、焊接、塑封、切筋、测试、印字、包装  
 功率模块：芯片焊接、铝丝键合、基板电极焊接、激光打标、硅橡胶密封、硅凝胶灌胶、电极弯曲、外观清洁、测试、包装  
 小信号：芯片焊接、打线、塑封、切筋 / 成型、测试、包装  
 4 寸芯片：扩散、清洗、黄光、测试、切割、包装  
 6 寸芯片 (PSB)：初始氧化、光刻 + 湿法、注入推进、二次光刻 + 湿法、势垒淀积、硅化物腐蚀、正金淀积、后道光刻 + 湿法、背面减薄、背金淀积、中测  
 6 寸芯片 (PSBD)：初始氧化、一次光刻、湿法腐蚀、离子注入 + 推进、二次光刻、湿法腐蚀、势垒金属淀积 + 硅化物合成、硅化物腐蚀、正金淀积、三次光刻、湿法腐蚀、贴膜、背面减薄、背金淀积、中测
- 洁净式管理：**  
 4 寸 GPP 芯片产线：1000~10000 级  
 6 寸芯片产线：10~1000 级  
 WB TO/ITO 产线：10000 级  
 小信号产线：10000 级  
 DFN/QFN 产线：10000 级  
 功率模块产线：100000 级  
 整流桥和二极管产线：300000 级
- 5S 现场管理：**  
 一流现场、物流通畅、优质高效、展示素养
- SAP&CRM 智能管理**
- Automatic Production:**  
 Diode&Bridge Rectifier: Loading, Soldering, Molding, Cutting, Testing, Marking, Packing  
 Power Modules: Die Soldering, Wire bonding, DBC&Terminal Soldering, Laser Marking, Plastic House Soldering, Silicone Gel Potting, Terminal Bending, Cleaning, Testing, Packing  
 4" Chip: Diffusion, Cleaning, Exposure, Testing, Cutting, Packing  
 6" Chip(PSB):Initial oxide, Photo&Wet Etch, Implant&Drive in, Second Photo&Wet Etch, Barrier Metal Dep, Silicide Etch, Top Metal Dep, Third Photo&Wet Etch, Backside Grind, Back Metal Dep, Prober  
 6" Chip(PSBD):Initial oxide, First Photo, Wet Etch, Implant&Drive, Second Photo, Wet Etch, Barrier Metal Dep& Silicide formation, Silicide Etch, Top Metal Dep, Third Photo, Wet Etch, Tape, Backside Grind, Back Metal Dep, Prober
- Clean Room Management:**  
 4" GPP Chip: 1000~10000 class  
 6" SKY Chip: 10~1000 class  
 Wire Bonding TO/ITO: 10000 class  
 Small Signal: 10000 class  
 DFN/QFN: 10000 class  
 Module: 100000 class  
 Bridge/Diode: 300000 class
- 5S Site Management:**  
 Best Production Site, Convenient Logistics, High Efficiency, Good Quality
- SAP&CRM Management**



扩散  
Diffusion

清洗  
Cleaning

黄光 I  
Exposure I



黄光 II  
Exposure II

测试  
Testing

切割  
Cutting

# 品质管理 Quality Management



## 质量方针 Quality Policy

- 公司坚持“全员参与，精细规范，优质高效，客户满意”的质量方针，以追求产品的高可靠性及零缺陷为目标，积极开展全面质量管理，DMAIC 质量改进活动及推行 5S 生产现场管理，以严格的品质保证系统，先进一流的可靠性试验设备，竭力为客户提供高品质的产品。
- We adhere to the quality principle of “Staff Involvement, Specification and Standardization, Top Quality and Efficiency, Customer Satisfaction”. We are in pursuit of reliable and zero defect products through total quality management (TQM), DMAIC quality improvement activity and 5S site management. Under the strong backup of strict quality assurance system and advanced reliability test equipments, we will provide our customers with top quality products.

## 可靠性实验室 Reliability Lab

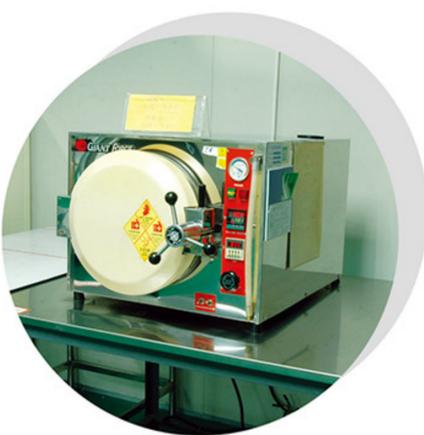
- 信赖性试验: 高温蒸煮测试; 正向寿命测试; 高温反偏测试; 高温储存寿命测试; 恒温恒湿测试; 耐焊接热测试; 温度循环测试; 正向浪涌测试; 间歇工作寿命测试; 可焊性测试; 高温高湿反偏; 防静电测试。  
Hi-Reliability Test : Pressure Cooker Test; OP-Life Test; High Temperature Reverse Bias Test; High Temperature Storage Life Test; High Temperature High Humidity Test; Solder Heat Resistance Test; Temperature Cycling Test; Forward Surge Test; Intermittent Operation Life Test; Solderability Test; High Humidity High Temp.Reverse Bias.

## 失效分析实验室 Failure Analysis Lab

- 失效分析试验设备: X-射线; 1000倍电子显微镜; 横断面分析设备; 能量色散X射线光谱仪; 热阻测试仪; 雪崩能量测试仪。  
F.A Equipments: X-Ray; 1000\*Electronic Microscope; Cross Section Analysis Equipment; EDX; Thermal Resistance Tester; Avalanche Energy Tester.



X 射线  
X-Ray



高压蒸煮仪  
Pressure Cooker Instrument



冷热冲击试验箱  
Thermal Shock Tester



荧光光谱仪  
RoHS Tester



可靠性实验室设备  
Reliability Lab Equipment



ESD 静电触发器  
ESD Electrostatic Flip-flop



雪崩能量测试仪  
Avalanche Energy Tester

# 行业应用 Industry Application

# 我们的客户 Our Customers



电源行业	<p>台达 DELTA   muRata INNOVATOR IN ELECTRONICS   TenPao   CVTE Dream-Future</p>
照明行业	<p>PHILIPS   GE   Panasonic ideas for life   OPple 欧普照明</p>
家电行业	<p>LG   SHARP   Hisense 海信 创新就是生活   美的 Midea</p>
光伏行业	<p>Tyco Electronics   ONAMBA Access to the Future   Jinko Solar Building Your Trust in Solar   LEONI</p>
工控行业	<p>Inovance   富士电机 Fuji Electric   invt   Eura 欧瑞传动 DRIVES</p>

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- 使命：让世界信赖中国半导体。  
愿景：十年奋进，铸就百年扬杰。  
价值观：客户信任、激情创新、勤简守信、坦诚感恩。
- Mission: Let the world trust China semiconductor  
Vision: Decade endeavor built century YJ  
Core Value: Customer confidence; Innovation with passion; diligence and trustworthy; Frank gratitude



扬州扬杰电子科技股份有限公司  
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整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	IR@25°C IR (uA)	IR@100°C IR (uA)	R <sub>θJA</sub> (°C/W)	T <sub>J</sub> (°C)	
HD6S	600	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
HD8S	800	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
HD10S	1000	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
MB6S	600	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
MB8S	800	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
MB10S	1000	0.8	30	0.4	1.0	5	100	76	-55~+150	MBS
MB6SA	600	1.0	35	0.5	1.0	5	100	76	-55~+150	MBS
MB8SA	800	1.0	35	0.5	1.0	5	100	76	-55~+150	MBS
MB10SA	1000	1.0	35	0.5	1.0	5	100	76	-55~+150	MBS
MBSK14S	40	1.0	30	0.5	0.5	500	10000	76	-55~+125	MBS
MBSK16S	60	1.0	30	0.5	0.7	500	10000	76	-55~+150	MBS
MBSK110S	100	1.0	30	0.5	0.85	100	5000	76	-55~+150	MBS
MBSK24S	40	2.0	50	1.0	0.5	500	10000	76	-55~+125	MBS
MBSK26S	60	2.0	50	1.0	0.7	500	10000	76	-55~+150	MBS
MBSK210S	100	2.0	50	1.0	0.85	100	5000	76	-55~+150	MBS
HDL6S	600	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
HDL8S	800	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
HDL10S	1000	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
MBL6S	600	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
MBL8S	800	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
MBL10S	1000	0.8	30	0.4	1.0	5	100	76	-55~+150	MBLS
MBL6SA	600	1.0	35	0.5	1.0	5	100	76	-55~+150	MBLS
MBL8SA	800	1.0	35	0.5	1.0	5	100	76	-55~+150	MBLS
MBL10SA	1000	1.0	35	0.5	1.0	5	100	76	-55~+150	MBLS
MBLSK14S	40	1.0	30	0.5	0.5	500	10000	76	-55~+125	MBLS
MBLSK16S	60	1.0	30	0.5	0.7	500	10000	76	-55~+150	MBLS
MBLSK110S	100	1.0	30	0.5	0.85	100	5000	76	-55~+150	MBLS
MBLSK24S	40	2.0	50	1.0	0.5	500	10000	76	-55~+125	MBLS
MBLSK26S	60	2.0	50	1.0	0.7	500	10000	76	-55~+150	MBLS
MBLSK210S	100	2.0	50	1.0	0.85	100	5000	76	-55~+150	MBLS
ABS6	600	1.0	35	0.5	0.95	5	100	62.5	-55~+150	ABS
ABS8	800	1.0	35	0.5	0.95	5	100	62.5	-55~+150	ABS
ABS10	1000	1.0	35	0.5	0.95	5	100	62.5	-55~+150	ABS
ABS1506	600	1.5	40	0.7	0.95	5	100	62.5	-55~+150	ABS
ABS1508	800	1.5	40	0.7	0.95	5	100	62.5	-55~+150	ABS
ABS1510	1000	1.5	40	0.7	0.95	5	100	62.5	-55~+150	ABS
ABS26	600	2.0	45	1.0	0.95	5	100	62.5	-55~+150	ABS
ABS28	800	2.0	45	1.0	0.95	5	100	62.5	-55~+150	ABS
ABS210	1000	2.0	45	1.0	0.95	5	100	62.5	-55~+150	ABS
ABSK14S	40	1.0	30	0.5	0.5	500	10000	62.5	-55~+125	ABS
ABSK16S	60	1.0	30	0.5	0.7	500	10000	62.5	-55~+150	ABS
ABSK110S	100	1.0	30	0.5	0.85	100	5000	62.5	-55~+150	ABS



MBS



MBLS



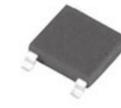
ABS

BRIDGE RECTIFIER

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	IR@25°C IR (uA)	IR@100°C IR (uA)	R <sub>θJA</sub> (°C/W)	T <sub>J</sub> (°C)	
ABSK24S	40	2.0	50	1.0	0.5	500	10000	62.5	-55~+125	ABS
ABSK26S	60	2.0	50	1.0	0.7	500	10000	62.5	-55~+150	ABS
ABSK210S	100	2.0	50	1.0	0.85	100	5000	62.5	-55~+150	ABS
DB105	600	1.0	30	0.5	1.0	5	100	68	-55~+150	DB
DB106	800	1.0	30	0.5	1.0	5	100	68	-55~+150	DB
DB107	1000	1.0	30	0.5	1.0	5	100	68	-55~+150	DB
DB155	600	1.5	60	0.7	1.0	5	100	68	-55~+150	DB
DB156	800	1.5	60	0.7	1.0	5	100	68	-55~+150	DB
DB157	1000	1.5	60	0.7	1.0	5	100	68	-55~+150	DB
DB205	600	2.0	60	1.0	1.0	5	100	68	-55~+150	DB
DB206	800	2.0	60	1.0	1.0	5	100	68	-55~+150	DB
DB207	1000	2.0	60	1.0	1.0	5	100	68	-55~+150	DB
DBL105	600	1.0	30	0.5	1.0	5	100	68	-55~+150	DBL
DBL106	800	1.0	30	0.5	1.0	5	100	68	-55~+150	DBL
DBL107	1000	1.0	30	0.5	1.0	5	100	68	-55~+150	DBL
DBL155	600	1.5	60	0.7	1.0	5	100	68	-55~+150	DBL
DBL156	800	1.5	60	0.7	1.0	5	100	68	-55~+150	DBL
DBL157	1000	1.5	60	0.7	1.0	5	100	68	-55~+150	DBL
DBL205	600	2.0	60	1.0	1.0	5	100	68	-55~+150	DBL
DBL206	800	2.0	60	1.0	1.0	5	100	68	-55~+150	DBL
DBL207	1000	2.0	60	1.0	1.0	5	100	68	-55~+150	DBL
DB105S	600	1.0	30	0.5	1.0	5	100	68	-55~+150	DBS
DB106S	800	1.0	30	0.5	1.0	5	100	68	-55~+150	DBS
DB107S	1000	1.0	30	0.5	1.0	5	100	68	-55~+150	DBS
DB155S	600	1.5	50	0.7	1.0	5	100	68	-55~+150	DBS
DB156S	800	1.5	50	0.7	1.0	5	100	68	-55~+150	DBS
DB157S	1000	1.5	50	0.7	1.0	5	100	68	-55~+150	DBS
DB205S	600	2.0	60	1.0	1.0	5	100	68	-55~+150	DBS
DB206S	800	2.0	60	1.0	1.0	5	100	68	-55~+150	DBS
DB207S	1000	2.0	60	1.0	1.0	5	100	68	-55~+150	DBS
DBL105S	600	1.0	30	0.5	1.0	5	100	68	-55~+150	DBLS
DBL106S	800	1.0	30	0.5	1.0	5	100	68	-55~+150	DBLS
DBL107S	1000	1.0	30	0.5	1.0	5	100	68	-55~+150	DBLS
DBL155S	600	1.5	50	0.7	1.0	5	100	68	-55~+150	DBLS
DBL156S	800	1.5	50	0.7	1.0	5	100	68	-55~+150	DBLS
DBL157S	1000	1.5	50	0.7	1.0	5	100	68	-55~+150	DBLS
DBL205S	600	2.0	60	1.0	1.0	5	100	68	-55~+150	DBLS
DBL206S	800	2.0	60	1.0	1.0	5	100	68	-55~+150	DBLS
DBL207S	1000	2.0	60	1.0	1.0	5	100	68	-55~+150	DBLS
YBS2006	600	2.0	75	1.0	1.0	5	100	55	-55~+150	YBS
YBS2008	800	2.0	75	1.0	1.0	5	100	55	-55~+150	YBS
YBS2010	1000	2.0	75	1.0	1.0	5	100	55	-55~+150	YBS
YBS2206	600	2.2	90	1.1	1.0	5	100	55	-55~+150	YBS
YBS2208	800	2.2	90	1.1	1.0	5	100	55	-55~+150	YBS



ABS



DB



DBL



DBS



DBLS



YBS

BRIDGE RECTIFIER

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	IR@25°C IR (uA)	IR@100°C IR (uA)	R <sub>θJA</sub> /R <sub>θJC</sub> (°C/W)	T <sub>J</sub> (°C)	
YBS2210	1000	2.2	90	1.1	1.0	5.0	100	55	-55~+150	YBS
YBS3006	600	3.0	110	1.5	1.0	5.0	100	55	-55~+125	YBS
YBS3008	800	3.0	110	1.5	1.0	5.0	100	55	-55~+125	YBS
YBS3010	1000	3.0	110	1.5	1.0	5.0	100	55	-55~+125	YBS
YBSL2006	600	2.0	75	1.0	1.0	5.0	500	32	-55~+150	YBS4
YBSL2008	800	2.0	75	1.0	1.0	5.0	500	32	-55~+150	YBS4
YBSL2010	1000	2.0	75	1.0	1.0	5.0	500	32	-55~+150	YBS4
YBSL3006	600	3.0	95	1.5	1.0	5.0	500	32	-55~+150	YBS4
YBSL3008	800	3.0	95	1.5	1.0	5.0	500	32	-55~+150	YBS4
YBSL3010	1000	3.0	95	1.5	1.0	5.0	500	32	-55~+150	YBS4
YBSL4006	600	4.0	110	2.0	1.0	5.0	500	32	-55~+150	YBS4
YBSL4008	800	4.0	110	2.0	1.0	5.0	500	32	-55~+150	YBS4
YBSL4010	1000	4.0	110	2.0	1.0	5.0	500	32	-55~+150	YBS4
KBL406	600	4.0	120	2.0	1.05	10	500	21	-55~+150	KBL
KBL408	800	4.0	120	2.0	1.05	10	500	21	-55~+150	KBL
KBL410	1000	4.0	120	2.0	1.05	10	500	21	-55~+150	KBL
KBL606	600	6.0	135	3.0	1.05	10	500	19	-55~+150	KBL
KBL608	800	6.0	135	3.0	1.05	10	500	19	-55~+150	KBL
KBL610	1000	6.0	135	3.0	1.05	10	500	19	-55~+150	KBL
KBU406	600	4.0	120	2.0	1.0	10	500	7.5	-55~+150	KBU
KBU408	800	4.0	120	2.0	1.0	10	500	7.5	-55~+150	KBU
KBU410	1000	4.0	120	2.0	1.0	10	500	7.5	-55~+150	KBU
KBU606	600	6.0	135	3.0	1.0	10	500	5	-55~+150	KBU
KBU608	800	6.0	135	3.0	1.0	10	500	5	-55~+150	KBU
KBU610	1000	6.0	135	3.0	1.0	10	500	5	-55~+150	KBU
KBU806	600	8.0	150	4.0	1.1	10	500	4.8	-55~+150	KBU
KBU808	800	8.0	150	4.0	1.1	10	500	4.8	-55~+150	KBU
KBU810	1000	8.0	150	4.0	1.1	10	500	4.8	-55~+150	KBU
KBU1006	600	10.0	170	5.0	1.1	10	500	4.7	-55~+150	KBU
KBU1008	800	10.0	170	5.0	1.1	10	500	4.7	-55~+150	KBU
KBU1010	1000	10.0	170	5.0	1.1	10	500	4.7	-55~+150	KBU
KBU1506	600	15.0	220	7.5	1.1	10	500	3.4	-55~+150	KBU
KBU1508	800	15.0	220	7.5	1.1	10	500	3.4	-55~+150	KBU
KBU1510	1000	15.0	220	7.5	1.1	10	500	3.4	-55~+150	KBU
KBU2506	600	25.0	400	12.5	1.1	10	500	2.2	-55~+150	KBU
KBU2508	800	25.0	400	12.5	1.1	10	500	2.2	-55~+150	KBU
KBU2510	1000	25.0	400	12.5	1.1	10	500	2.2	-55~+150	KBU
GBP206S	600	2.0	50	1.0	1.0	5	100	50	-55~+150	GBP
GBP208S	800	2.0	50	1.0	1.0	5	100	50	-55~+150	GBP
GBP210S	1000	2.0	50	1.0	1.0	5	100	50	-55~+150	GBP
GBP306S	600	3.0	65	1.5	1.0	5	100	50	-55~+150	GBP
GBP308S	800	3.0	65	1.5	1.0	5	100	50	-55~+150	GBP
GBP310S	1000	3.0	65	1.5	1.0	5	100	50	-55~+150	GBP
GBP206	600	2.0	60	1.0	1.0	5	100	47	-55~+150	GBP

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	IR@25°C IR (uA)	IR@100°C IR (uA)	R <sub>θJA</sub> (°C/W)	T <sub>J</sub> (°C)	
GBP208	800	2.0	60	1.0	1.00	5	100	47	-55~+150	GBP
GBP210	1000	2.0	60	1.0	1.00	5	100	47	-55~+150	GBP
GBP306	600	3.0	90	1.5	1.00	5	100	47	-55~+150	GBP
GBP308	800	3.0	90	1.5	1.00	5	100	47	-55~+150	GBP
GBP310	1000	3.0	90	1.5	1.00	5	100	47	-55~+150	GBP
GBP406	600	4.0	110	2.0	1.00	5	100	47	-55~+150	GBP
GBP408	800	4.0	110	2.0	1.00	5	100	47	-55~+150	GBP
GBP410	1000	4.0	110	2.0	1.00	5	100	47	-55~+150	GBP
GBP206A	600	2.0	90	1.0	1.00	5	100	47	-55~+150	GBP
GBP208A	800	2.0	90	1.0	1.00	5	100	47	-55~+150	GBP
GBP210A	1000	2.0	90	1.0	1.00	5	100	47	-55~+150	GBP
GBP306A	600	3.0	110	1.5	1.00	5	100	47	-55~+150	GBP
GBP308A	800	3.0	110	1.5	1.00	5	100	47	-55~+150	GBP
GBP310A	1000	3.0	110	1.5	1.00	5	100	47	-55~+150	GBP
GBP406A	600	4.0	135	2.0	1.00	5	100	47	-55~+150	GBP
GBP408A	800	4.0	135	2.0	1.00	5	100	47	-55~+150	GBP
GBP410A	1000	4.0	135	2.0	1.00	5	100	47	-55~+150	GBP
D2UB60	600	2.0	60	1.0	1.00	5	100	55	-55~+150	D3K
D2UB80	800	2.0	60	1.0	1.00	5	100	55	-55~+150	D3K
D2UB100	1000	2.0	60	1.0	1.00	5	100	55	-55~+150	D3K
D2UB60A	600	2.0	90	1.0	1.00	5	100	55	-55~+150	D3K
D2UB80A	800	2.0	90	1.0	1.00	5	100	55	-55~+150	D3K
D2UB100A	1000	2.0	90	1.0	1.00	5	100	55	-55~+150	D3K
D3UB60	600	3.0	90	1.5	1.00	5	100	55	-55~+150	D3K
D3UB80	800	3.0	90	1.5	1.00	5	100	55	-55~+150	D3K
D3UB100	1000	3.0	90	1.5	1.00	5	100	55	-55~+150	D3K
D3UB60A	600	3.0	100	1.5	1.00	5	100	55	-55~+150	D3K
D3UB80A	800	3.0	100	1.5	1.00	5	100	55	-55~+150	D3K
D3UB100A	1000	3.0	100	1.5	1.00	5	100	55	-55~+150	D3K
D4UB60	600	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D4UB80	800	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D4UB100	1000	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D4UB60A	600	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D4UB80A	800	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D4UB100A	1000	4.0	135	2.0	1.00	5	100	55	-55~+150	D3K
D6UB60	600	6.0	170	3.0	1.00	5	100	55	-55~+150	D3K
D6UB80	800	6.0	170	3.0	1.00	5	100	55	-55~+150	D3K
D6UB100	1000	6.0	170	3.0	1.00	5	100	55	-55~+150	D3K
D8UB60	600	8.0	170	4.0	1.00	5	100	55	-55~+150	D3K
D8UB80	800	8.0	170	4.0	1.00	5	100	55	-55~+150	D3K
D8UB100	1000	8.0	170	4.0	1.00	5	100	55	-55~+150	D3K
GBL206	600	2.0	90	1.0	1.00	5	100	47	-55~+150	GBL
GBL208	800	2.0	90	1.0	1.00	5	100	47	-55~+150	GBL
GBL210	1000	2.0	90	1.0	1.00	5	100	47	-55~+150	GBL



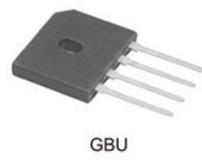
整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	IR@25°C IR (uA)	IR@100°C IR (uA)	RθJA(°C/W)	Tj(°C)	
GBL306	600	3.0	90	1.5	1.00	5	100	47	-55~+150	GBL
GBL308	800	3.0	90	1.5	1.00	5	100	47	-55~+150	GBL
GBL310	1000	3.0	90	1.5	1.00	5	100	47	-55~+150	GBL
GBL406	600	4.0	135	2.0	1.00	5	100	47	-55~+150	GBL
GBL408	800	4.0	135	2.0	1.00	5	100	47	-55~+150	GBL
GBL410	1000	4.0	135	2.0	1.00	5	100	47	-55~+150	GBL
GBL406A	600	4.0	150	2.0	1.00	5	100	47	-55~+150	GBL
GBL408A	800	4.0	150	2.0	1.00	5	100	47	-55~+150	GBL
GBL410A	1000	4.0	150	2.0	1.00	5	100	47	-55~+150	GBL
GBL606	600	6.0	150	3.0	1.00	5	100	47	-55~+150	GBL
GBL608	800	6.0	150	3.0	1.00	5	100	47	-55~+150	GBL
GBL610	1000	6.0	150	3.0	1.00	5	100	47	-55~+150	GBL
GBU406	600	4.0	135	2.0	1.00	5	100	23	-55~+150	GBU
GBU408	800	4.0	135	2.0	1.00	5	100	23	-55~+150	GBU
GBU410	1000	4.0	135	2.0	1.00	5	100	23	-55~+150	GBU
GBU406A	600	4.0	150	2.0	1.05	5	100	23	-55~+150	GBU
GBU408A	800	4.0	150	2.0	1.00	5	100	23	-55~+150	GBU
GBU410A	1000	4.0	150	2.0	1.00	5	100	23	-55~+150	GBU
GBU606	600	6.0	135	3.0	1.00	5	100	26	-55~+150	GBU
GBU608	800	6.0	135	3.0	1.00	5	100	26	-55~+150	GBU
GBU610	1000	6.0	135	3.0	1.00	5	100	26	-55~+150	GBU
GBU606A	600	6.0	175	3.0	1.00	5	100	26	-55~+150	GBU
GBU608A	800	6.0	175	3.0	1.00	5	100	26	-55~+150	GBU
GBU610A	1000	6.0	175	3.0	1.00	5	100	26	-55~+150	GBU
GBU806	600	8.0	150	4.0	1.00	5	100	25	-55~+150	GBU
GBU808	800	8.0	150	4.0	1.00	5	100	25	-55~+150	GBU
GBU810	1000	8.0	150	4.0	1.00	5	100	25	-55~+150	GBU
GBU806A	600	8.0	200	4.0	1.00	5	100	25	-55~+150	GBU
GBU808A	800	8.0	200	4.0	1.00	5	100	25	-55~+150	GBU
GBU810A	1000	8.0	200	4.0	1.00	5	100	25	-55~+150	GBU
GBU1006	600	10.0	150	5.0	1.00	5	100	25	-55~+150	GBU
GBU1008	800	10.0	150	5.0	1.00	5	100	25	-55~+150	GBU
GBU1010	1000	10.0	150	5.0	1.00	5	100	25	-55~+150	GBU
GBU1006A	600	10.0	200	5.0	1.00	5	100	25	-55~+150	GBU
GBU1008A	800	10.0	200	5.0	1.00	5	100	25	-55~+150	GBU
GBU1010A	1000	10.0	200	5.0	1.00	5	100	25	-55~+150	GBU
GBU1506	600	15.0	200	7.5	1.00	5	100	23	-55~+150	GBU
GBU1508	800	15.0	200	7.5	1.00	5	100	23	-55~+150	GBU
GBU1510	1000	15.0	200	7.5	1.00	5	100	23	-55~+150	GBU
GBU1506A	600	15.0	220	7.5	1.00	5	100	23	-55~+150	GBU
GBU1508A	800	15.0	220	7.5	1.00	5	100	23	-55~+150	GBU
GBU1510A	1000	15.0	220	7.5	1.00	5	100	23	-55~+150	GBU
GBU2006	600	20.0	220	10	1.00	5	100	23	-55~+150	GBU



GBL



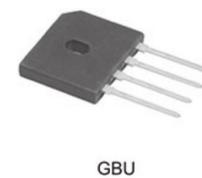
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BRIDGE RECTIFIER

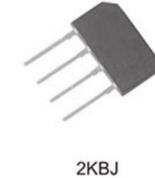
整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	IR@25°C IR (uA)	IR@100°C IR (uA)	RθJA(°C/W)	Tj(°C)	
GBU2008	800	20.0	220	10	1.00	5	100	23	-55~+150	GBU
GBU2010	1000	20.0	220	10	1.00	5	100	23	-55~+150	GBU
GBU2006A	600	20.0	300	10	1.00	5	100	22	-55~+150	GBU
GBU2008A	800	20.0	300	10	1.00	5	100	22	-55~+150	GBU
GBU2010A	1000	20.0	300	10	1.00	5	100	22	-55~+150	GBU
GBU2506	600	25.0	300	12.5	1.00	5	100	22	-55~+150	GBU
GBU2508	800	25.0	300	12.5	1.00	5	100	22	-55~+150	GBU
GBU2510	1000	25.0	300	12.5	1.00	5	100	22	-55~+150	GBU
GBJ206	600	2.0	90	1.0	1.00	5	100	47	-55~+150	2KBJ
GBJ208	800	2.0	90	1.0	1.00	5	100	47	-55~+150	2KBJ
GBJ210	1000	2.0	90	1.0	1.00	5	100	47	-55~+150	2KBJ
KBJ406	600	4.0	135	2.0	1.00	5	100	30	-55~+150	4KBJ
KBJ408	800	4.0	135	2.0	1.00	5	100	30	-55~+150	4KBJ
KBJ410	1000	4.0	135	2.0	1.00	5	100	30	-55~+150	4KBJ
KBJ606	600	6.0	150	3.0	1.00	5	100	26	-55~+150	4KBJ
KBJ608	800	6.0	150	3.0	1.00	5	100	26	-55~+150	4KBJ
KBJ610	1000	6.0	150	3.0	1.00	5	100	26	-55~+150	4KBJ
KBJ806	600	8.0	175	4.0	1.00	5	100	25	-55~+150	4KBJ
KBJ808	800	8.0	175	4.0	1.00	5	100	25	-55~+150	4KBJ
KBJ810	1000	8.0	175	4.0	1.00	5	100	25	-55~+150	4KBJ
KBJ1006	600	10.0	175	5.0	1.00	5	100	25	-55~+150	4KBJ
KBJ1008	800	10.0	175	5.0	1.00	5	100	25	-55~+150	4KBJ
KBJ1010	1000	10.0	175	5.0	1.00	5	100	25	-55~+150	4KBJ
KBJ1506	600	15.0	220	7.5	1.00	5	100	25	-55~+150	4KBJ
KBJ1508	800	15.0	220	7.5	1.00	5	100	25	-55~+150	4KBJ
KBJ1510	1000	15.0	220	7.5	1.00	5	100	25	-55~+150	4KBJ
GBJ606	600	6.0	175	3.0	1.00	5	100	26	-55~+150	6KBJ
GBJ608	800	6.0	175	3.0	1.00	5	100	26	-55~+150	6KBJ
GBJ610	1000	6.0	175	3.0	1.00	5	100	26	-55~+150	6KBJ
GBJ806	600	8.0	175	4.0	1.00	5	100	25	-55~+150	6KBJ
GBJ808	800	8.0	175	4.0	1.00	5	100	25	-55~+150	6KBJ
GBJ810	1000	8.0	175	4.0	1.00	5	100	25	-55~+150	6KBJ
GBJ1006	600	10.0	175	5.0	1.00	5	100	25	-55~+150	6KBJ
GBJ1008	800	10.0	175	5.0	1.00	5	100	25	-55~+150	6KBJ
GBJ1010	1000	10.0	175	5.0	1.00	5	100	25	-55~+150	6KBJ
GBJ1506	600	15.0	250	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJ1508	800	15.0	250	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJ1510	1000	15.0	250	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJ1506A	600	15.0	280	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJ1508A	800	15.0	280	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJ1510A	1000	15.0	280	7.5	1.00	5	100	22	-55~+150	6KBJ
GBJL1506	600	15.0	380	7.5	0.92	10	100	22	-55~+150	6KBJ
GBJL1508	800	15.0	380	7.5	0.92	10	100	22	-55~+150	6KBJ



GBU



2KBJ



4KBJ



6KBJ

BRIDGE RECTIFIER

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io	最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	IfSM(A)	Rated Io(A) VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA(°C/W)	Tj(°C)	
GBJ2006	600	20.0	280	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2008	800	20.0	280	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2010	1000	20.0	280	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2006A	600	20.0	320	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2008A	800	20.0	320	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2010A	1000	20.0	320	10.0 1.0	5	100	22	-55~+150	6KBJ
GBJ2506	600	25.0	320	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJ2508	800	25.0	320	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJ2510	1000	25.0	320	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJ2506A	600	25.0	350	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJ2508A	800	25.0	350	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJ2510A	1000	25.0	350	12.5 1.0	5	100	22	-55~+150	6KBJ
GBJL2506	600	25.0	420	12.5 0.92	5	100	22	-55~+150	6KBJ
GBJL2508	800	25.0	420	12.5 0.92	5	100	22	-55~+150	6KBJ
GBJ3506	600	35.0	350	17.5 1.05	5	100	22	-55~+150	6KBJ
GBJ3508	800	35.0	350	17.5 1.05	5	100	22	-55~+150	6KBJ
GBJ3510	1000	35.0	350	17.5 1.05	5	100	22	-55~+150	6KBJ
GBJ3506A	600	35.0	380	17.5 1.0	5	100	22	-55~+150	6KBJ
GBJ3508A	800	35.0	380	17.5 1.0	5	100	22	-55~+150	6KBJ
GBJ3510A	1000	35.0	380	17.5 1.0	5	100	22	-55~+150	6KBJ
GBJ5006	600	50.0	450	25.0 1.0	5	100	22	-55~+150	6KBJ
GBJ5008	800	50.0	450	25.0 1.0	5	100	22	-55~+150	6KBJ
GBJ5010	1000	50.0	450	25.0 1.0	5	100	22	-55~+150	6KBJ
D4JB60	600	4.0	135	2.0 1.0	5	100	35	-55~+150	JB
D4JB80	800	4.0	135	2.0 1.0	5	100	35	-55~+150	JB
D4JB100	1000	4.0	135	2.0 1.0	5	100	35	-55~+150	JB
D6JB60	600	6.0	150	3.0 1.0	5	100	26	-55~+150	JB
D6JB80	800	6.0	150	3.0 1.0	5	100	26	-55~+150	JB
D6JB100	1000	6.0	150	3.0 1.0	5	100	26	-55~+150	JB
D8JB60	600	8.0	175	4.0 1.0	5	100	28	-55~+150	JB
D8JB80	800	8.0	175	4.0 1.0	5	100	28	-55~+150	JB
D8JB100	1000	8.0	175	4.0 1.0	5	100	28	-55~+150	JB
D10JB60	600	10.0	175	5.0 1.0	5	100	28	-55~+150	JB
D10JB80	800	10.0	175	5.0 1.0	5	100	28	-55~+150	JB
D10JB100	1000	10.0	175	5.0 1.0	5	100	28	-55~+150	JB
D6JA60	600	6.0	175	3.0 1.0	5	100	22	-55~+150	JA
D6JA80	800	6.0	175	3.0 1.0	5	100	22	-55~+150	JA
D6JA100	1000	6.0	175	3.0 1.0	5	100	22	-55~+150	JA
D8JA60	600	8.0	175	4.0 1.0	5	100	22	-55~+150	JA
D8JA80	800	8.0	175	4.0 1.0	5	100	22	-55~+150	JA
D8JA100	1000	8.0	175	4.0 1.0	5	100	22	-55~+150	JA
D10JA60	600	10.0	175	5.0 1.0	5	100	22	-55~+150	JA
D10JA80	800	10.0	175	5.0 1.0	5	100	22	-55~+150	JA



6KBJ



JB



JA

BRIDGE RECTIFIER

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BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io	最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	IfSM(A)	Rated Io(A) VF(V)	IR@25°C IR(μA)	IR@100°C IR(μA)	RθJA/RθJC(°C/W)	Tj(°C)	
D10JA100	1000	10.0	175	5.0 1.0	5.0	100	22	-55~+150	JA
D15JA60	600	15.0	220	7.5 1.0	5.0	100	22	-55~+150	JA
D15JA80	800	15.0	220	7.5 1.0	5.0	100	22	-55~+150	JA
D15JA100	1000	15.0	220	7.5 1.0	5.0	100	22	-55~+150	JA
D20JA60	600	20.0	240	10.0 1.0	5.0	100	22	-55~+150	JA
D20JA80	800	20.0	240	10.0 1.0	5.0	100	22	-55~+150	JA
D20JA100	1000	20.0	240	10.0 1.0	5.0	100	22	-55~+150	JA
D25JA60	600	25.0	300	12.5 1.0	5.0	100	22	-55~+150	JA
D25JA80	800	25.0	300	12.5 1.0	5.0	100	22	-55~+150	JA
D25JA100	1000	25.0	300	12.5 1.0	5.0	100	22	-55~+150	JA
KBPC106	600	2.0	45	1.0 1.1	10	500	35	-55~+150	KBPC1
KBPC108	800	2.0	45	1.0 1.1	10	500	35	-55~+150	KBPC1
KBPC110	1000	2.0	45	1.0 1.1	10	500	35	-55~+150	KBPC1
KBPC606	600	6.0	150	3.0 1.1	5.0	500	25	-55~+150	KBPC6
KBPC608	800	6.0	150	3.0 1.1	5.0	500	25	-55~+150	KBPC6
KBPC610	1000	6.0	150	3.0 1.1	5.0	500	25	-55~+150	KBPC6
KBPC806	600	8.0	150	4.0 1.1	5.0	500	21	-55~+150	KBPC8
KBPC808	800	8.0	150	4.0 1.1	5.0	500	21	-55~+150	KBPC8
KBPC810	1000	8.0	150	4.0 1.1	5.0	500	21	-55~+150	KBPC8
KBPC1006	600	10.0	180	5.0 1.1	5.0	500	19	-55~+150	KBPC8
KBPC1008	800	10.0	180	5.0 1.1	5.0	500	19	-55~+150	KBPC8
KBPC1010	1000	10.0	180	5.0 1.1	5.0	500	19	-55~+150	KBPC8
KBPC1506	600	15.0	220	7.5 1.1	10	500	3.4	-55~+125	KBPC8
KBPC1508	800	15.0	220	7.5 1.1	10	500	3.4	-55~+125	KBPC8
KBPC1510	1000	15.0	220	7.5 1.1	10	500	3.4	-55~+125	KBPC8
KBPC2506	600	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC
KBPC2508	800	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC
KBPC2510	1000	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC
KBPC3506	600	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC
KBPC3508	800	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC
KBPC3510	1000	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC
KBPC5006	600	50.0	500	25.0 1.1	10	500	1.3	-55~+150	KBPC
KBPC5008	800	50.0	500	25.0 1.1	10	500	1.3	-55~+150	KBPC
KBPC5010	1000	50.0	500	25.0 1.1	10	500	1.3	-55~+150	KBPC
KBPC1506W	600	15.0	300	7.5 1.1	10	500	3.4	-55~+150	KBPC-W
KBPC1508W	800	15.0	300	7.5 1.1	10	500	3.4	-55~+150	KBPC-W
KBPC1510W	1000	15.0	300	7.5 1.1	10	500	3.4	-55~+150	KBPC-W
KBPC2506W	600	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC-W
KBPC2508W	800	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC-W
KBPC2510W	1000	25.0	400	12.5 1.1	10	500	2.2	-55~+150	KBPC-W
KBPC3506W	600	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC-W
KBPC3508W	800	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC-W
KBPC3510W	1000	35.0	400	17.5 1.1	10	500	1.6	-55~+150	KBPC-W



JA



KBPC1



KBPC6



KBPC8



KBPC



KBPC-W

BRIDGE RECTIFIER

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	IR@25°C IR (uA)	IR@100°C IR (uA)	RθJC(°C/W)	Tj(°C)	
KBPC5006W	600	50.0	500	25	1.1	10	500	1.3	-55~+150	KBPC-W
KBPC5008W	800	50.0	500	25	1.1	10	500	1.3	-55~+150	KBPC-W
KBPC5010W	1000	50.0	500	25	1.1	10	500	1.3	-55~+150	KBPC-W
BR1506	600	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR
BR1508	800	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR
BR1510	1000	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR
BR2506	600	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR
BR2508	800	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR
BR2510	1000	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR
BR3506	600	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR
BR3508	800	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR
BR3510	1000	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR
BR5006	600	50.0	500	25	1.1	10	500	1.2	-55~+150	BR
BR5008	800	50.0	500	25	1.1	10	500	1.2	-55~+150	BR
BR5010	1000	50.0	500	25	1.1	10	500	1.2	-55~+150	BR
BR1506W	600	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR-W
BR1508W	800	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR-W
BR1510W	1000	15.0	300	7.5	1.1	10	500	3.3	-55~+150	BR-W
BR2506W	600	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR-W
BR2508W	800	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR-W
BR2510W	1000	25.0	400	12.5	1.1	10	500	2.1	-55~+150	BR-W
BR3506W	600	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR-W
BR3508W	800	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR-W
BR3510W	1000	35.0	400	17.5	1.1	10	500	1.5	-55~+150	BR-W
BR5006W	600	50.0	500	25	1.1	10	500	1.2	-55~+150	BR-W
BR5008W	800	50.0	500	25	1.1	10	500	1.2	-55~+150	BR-W
BR5010W	1000	50.0	500	25	1.1	10	500	1.2	-55~+150	BR-W
BR1506L	600	15.0	300	7.5	1.1	10	500	3.3	-55~+125	BR-L
BR1508L	800	15.0	300	7.5	1.1	10	500	3.3	-55~+125	BR-L
BR1510L	1000	15.0	300	7.5	1.1	10	500	3.3	-55~+125	BR-L
BR2506L	600	25.0	400	12.5	1.1	10	500	2.1	-55~+125	BR-L
BR2508L	800	25.0	400	12.5	1.1	10	500	2.1	-55~+125	BR-L
BR2510L	1000	25.0	400	12.5	1.1	10	500	2.1	-55~+125	BR-L
BR3506L	600	35.0	400	17.5	1.1	10	500	2.1	-55~+125	BR-L
BR3508L	800	35.0	400	17.5	1.1	10	500	2.1	-55~+125	BR-L
BR3510L	1000	35.0	400	17.5	1.1	10	500	2.1	-55~+125	BR-L
GBPC1506	600	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC
GBPC1508	800	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC
GBPC1510	1000	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC
GBPC2506	600	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC
GBPC2508	800	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC
GBPC2510	1000	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC
GBPC3506	600	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC



KBPC-W



BR



BR-W



BR-L



GBPC

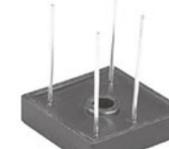
整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	IR@25°C IR (uA)	IR@100°C IR (uA)	RθJC(°C/W)	Tj(°C)	
GBPC3508	800	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC
GBPC3510	1000	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC
GBPC5006	600	50.0	500	25	1.1	10	500	0.95	-55~+150	GBPC
GBPC5008	800	50.0	500	25	1.1	10	500	0.95	-55~+150	GBPC
GBPC5010	1000	50.0	500	25	1.1	10	500	0.95	-55~+150	GBPC
GBPC1506W	600	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC-W
GBPC1508W	800	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC-W
GBPC1510W	1000	15.0	300	7.5	1.1	10	500	3.0	-55~+150	GBPC-W
GBPC2504W	600	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC-W
GBPC2506W	600	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC-W
GBPC2508W	800	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC-W
GBPC2510W	1000	25.0	400	12.5	1.1	10	500	1.9	-55~+150	GBPC-W
GBPC3506W	600	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC-W
GBPC3508W	800	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC-W
GBPC3510W	1000	35.0	400	17.5	1.1	10	500	1.35	-55~+150	GBPC-W
S25VB60	600	25.0	400	12.5	1.05	10	500	1.5	-55~+150	S25VB
S25VB80	800	25.0	400	12.5	1.05	10	500	1.5	-55~+150	S25VB
S25VB100	1000	25.0	400	12.5	1.05	10	500	1.5	-55~+150	S25VB
S35VB60	600	35.0	500	17.5	1.05	10	500	1.0	-55~+150	S25VB
S35VB80	800	35.0	500	17.5	1.05	10	500	1.0	-55~+150	S25VB
S35VB100	1000	35.0	500	17.5	1.05	10	500	1.0	-55~+150	S25VB
SKBPC1506	600	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC1508	800	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC1510	1000	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC1512	1200	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC1514	1400	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC1516	1600	15.0	300	7.5	1.2	10	500	3.0	-55~+150	SKBPC
SKBPC2506	600	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC2508	800	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC2510	1000	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC2512	1200	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC2514	1400	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC2516	1600	25.0	360	12.5	1.2	10	500	1.9	-55~+150	SKBPC
SKBPC3506	600	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC3508	800	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC3510	1000	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC3512	1200	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC3514	1400	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC3516	1600	35.0	425	17.5	1.2	10	500	1.35	-55~+150	SKBPC
SKBPC5006	600	50.0	500	25	1.2	10	500	0.9	-55~+150	SKBPC
SKBPC5008	800	50.0	500	25	1.2	10	500	0.9	-55~+150	SKBPC
SKBPC5010	1000	50.0	500	25	1.2	10	500	0.9	-55~+150	SKBPC
SKBPC5012	1200	50.0	500	25	1.2	10	500	0.9	-55~+150	SKBPC



GBPC



GBPC-W



S25VB



SKBPC

整流桥

BRIDGE RECTIFIER

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降	最大反向漏电流		典型热阻	工作结温	封装
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C&Rated Io	IR@25°C IR (uA)	IR@100°C IR (uA)			
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A) VF(V)			R <sub>θJC</sub> (°C/W)	T <sub>J</sub> (°C)	
SKBPC5014	1400	50.0	500	25 1.2	10	500	0.9	-55~+150	SKBPC
SKBPC5016	1600	50.0	500	25 1.2	10	500	0.9	-55~+150	SKBPC
DF25NA80	800	25.0	400	12.5 1.1	10	400	3.4	-55~+150	TSB-5
DF25NA100	1000	25.0	400	12.5 1.1	10	400	3.4	-55~+150	TSB-5
DF25NA160	1600	25.0	400	12.5 1.1	10	400	3.4	-55~+150	TSB-5
DF35NA80	800	35.0	400	17.5 1.2	10	500	3.4	-55~+150	TSB-5
DF35NA100	1000	35.0	400	17.5 1.2	10	500	3.4	-55~+150	TSB-5
DF35NA160	1600	35.0	400	17.5 1.2	10	500	3.4	-55~+150	TSB-5
MT1506A	600	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT1508A	800	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT1510A	1000	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT1512A	1200	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT1514A	1400	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT1516A	1600	15.0	300	7.5 1.2	10	500	3.2	-55~+150	MT
MT2506A	600	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT2508A	800	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT2510A	1000	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT2512A	1200	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT2514A	1400	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT2516A	1600	25.0	400	12.5 1.2	10	500	1.7	-55~+150	MT
MT3506A	600	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT3508A	800	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT3510A	1000	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT3512A	1200	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT3514A	1400	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT3516A	1600	35.0	400	17.5 1.2	10	500	1.3	-55~+150	MT
MT5006A	600	50.0	500	25 1.2	10	500	0.88	-55~+150	MT
MT5008A	800	50.0	500	25 1.2	10	500	0.88	-55~+150	MT
MT5010A	1000	50.0	500	25 1.2	10	500	0.88	-55~+150	MT
MT5012A	1200	50.0	500	25 1.2	10	500	0.88	-55~+150	MT
MT5014A	1400	50.0	500	25 1.2	10	500	0.88	-55~+150	MT
MT5016A	1600	50.0	500	25 1.2	10	500	0.88	-55~+150	MT



SKBPC



TSB-5



MT

整流二极管

GENERAL PURPOSE DIODE

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降	最大反向漏电流		典型热阻	结电容	工作结温	封装
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C&Rated Io	IR@25°C IR (uA)	IR@100°C IR (uA)				
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A) VF(V)			R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	T <sub>J</sub> (°C)	
1N4001G	50	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4002G	100	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4003G	200	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4004G	400	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4005G	600	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4006G	800	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N4007G	1000	1.0	30	1.0 1.1	2.5	50	60	8	-55~+150	DO-41
1N5391GS	50	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5392GS	100	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5393GS	200	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5395GS	400	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5397GS	600	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5398GS	800	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5399GS	1000	1.5	50	1.5 1.1	2.5	50	55	15	-55~+150	DO-41
1N5391G	50	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5392G	100	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5393G	200	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5395G	400	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5397G	600	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5398G	800	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
1N5399G	1000	1.5	50	1.5 1.1	2.5	50	50	15	-55~+150	DO-15
RL201G	50	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL202G	100	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL203G	200	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL204G	400	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL205G	600	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL206G	800	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL207G	1000	2.0	70	2.0 1.1	2.5	50	50	15	-55~+150	DO-15
RL251G	50	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL252G	100	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL253G	200	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL254G	400	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL255G	600	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL256G	800	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
RL257G	1000	2.5	120	2.5 1.1	2.5	50	45	25	-55~+150	DO-15
1N5400G	50	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD
1N5401G	100	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD
1N5402G	200	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD
1N5404G	400	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD
1N5406G	600	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD
1N5407G	800	3.0	200	3.0 1.1	2.5	50	30	40	-55~+150	DO-201AD



DO-41



DO-15



DO-201AD

BRIDGE RECTIFIER

GENERAL PURPOSE DIODE

**整流二极管**
**GENERAL PURPOSE DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp. Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	@25°C I <sub>R</sub> ( $\mu$ A)	@100°C I <sub>R</sub> ( $\mu$ A)				
1N5408G	1000	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
BY251G	200	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
BY252G	400	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
BY253G	600	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
BY254G	800	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
BY255G	1300	3.0	200	3.0	1.1	2.5	50	30	40	-55~+150	DO-201AD
P6A05G	50	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A1G	100	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A2G	200	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A4G	400	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A6G	600	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A8G	800	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
P6A10G	1000	6.0	200	6.0	1.1	2.5	50	12	50	-55~+150	R-6
10A05G	50	10.0	300	10	1.1	2.5	50	10	60	-55~+150	R-6
10A1G	100	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
10A2G	200	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
10A4G	400	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
10A6G	600	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
10A8G	800	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
10A10G	1000	10.0	300	10.0	1.1	2.5	50	10	60	-55~+150	R-6
G1A	50	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1B	100	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1D	200	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1G	400	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1J	600	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1K	800	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G1M	1000	1.0	30	1.0	1.1	5	50	70	12	-55~+150	SOD-123FL
G15A	50	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15B	100	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15D	200	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15G	400	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15J	600	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15K	800	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G15M	1000	1.5	50	1.5	1.1	5	50	70	12	-55~+150	SOD-123FL
G2A	50	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2B	100	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2D	200	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2G	400	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2J	600	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2K	800	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
G2M	1000	2.0	50	2	1.1	5	100	70	12	-55~+150	SOD-123FL
M1F	50	1.0	30	1	1.1	5	100	65	7	-55~+150	SMAF

**整流二极管**
**GENERAL PURPOSE DIODE**

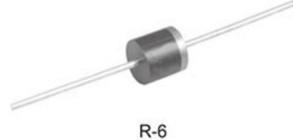
型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp. Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	V <sub>F</sub> (V)	@25°C I <sub>R</sub> ( $\mu$ A)	@100°C I <sub>R</sub> ( $\mu$ A)				
M2F	100	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
M3F	200	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
M4F	400	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
M5F	600	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
M6F	800	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
M7F	1000	1.0	30	1	1.10	5	100	65	7	-55~+150	SMAF
G1AFS	50	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1BFS	100	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1DFS	200	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1GFS	400	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1JFS	600	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1KFS	800	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G1MFS	1000	1.0	30	1.0	1.1	5	100	65	12	-55~+150	SMAF
G2AF	50	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2BF	100	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2DF	200	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2GF	400	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2JF	600	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2KF	800	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G2MF	1000	2.0	50	2.0	1.1	5	100	65	15	-55~+150	SMAF
G3AF	50	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3BF	100	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3DF	200	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3GF	400	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3JF	600	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3KF	800	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
G3MF	1000	3.0	90	3	1.10	5	100	65	20	-55~+150	SMAF
GS1A	50	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1B	100	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1D	200	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1G	400	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1J	600	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1K	800	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS1M	1000	1.0	30	1.0	1.1	10	50	70	9	-55~+150	SMA
GS2AA	50	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2BA	100	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2DA	200	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2GA	400	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2JA	600	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2KA	800	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2MA	1000	2.0	50	2.0	1.15	5.0	50	55	12	-55~+150	SMA
GS2A	50	2.0	50	2	1.15	5.0	125	75	15	-55~+150	SMB

GENERAL PURPOSE DIODE

GENERAL PURPOSE DIODE



DO-201AD



R-6



SOD-123FL



SMAF



SMAF



SMA



SMB

整流二极管

GENERAL PURPOSE DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated I <sub>o</sub>	最大反向漏电流 Maximum Reverse Current@Rated VRM&T <sub>c</sub>	典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A) VF(V)	@25°C IR (μA) @100°C IR (μA)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
GS2B	100	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS2D	200	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS2G	400	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS2J	600	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS2K	800	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS2M	1000	2.0	50	2 1.15	5.0 125	75	15	-55~+150	SMB
GS3AB	50	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3BB	100	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3DB	200	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3GB	400	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3JB	600	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3KB	800	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3MB	1000	3.0	100	3 1.15	10 250	75	30	-55~+150	SMB
GS3A	50	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3B	100	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3D	200	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3G	400	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3J	600	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3K	800	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS3M	1000	3.0	100	3.0 1.1	5 50	48	25	-55~+150	SMC
GS5A	50	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5B	100	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5D	200	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5G	400	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5J	600	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5K	800	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS5M	1000	5.0	120	5.0 1.1	5 50	47	35	-55~+150	SMC
GS8A	50	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8B	100	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8D	200	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8G	400	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8J	600	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8K	800	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC
GS8M	1000	8.0	200	8.0 1.1	10 50	45	60	-55~+150	SMC



SMB



SMC

快恢复二极管

FAST RECOVERY DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated I <sub>o</sub>	最大反向漏电流 Maximum Reverse Current@Rated VRM&T <sub>c</sub>	最大反向恢复时间 Maximum Recovery Time	典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A) VF(V)	@25°C IR (μA) @100°C IR (μA)	T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
FR101G	50	1.0	30	1.0 1.3	2.5 100	150	60	10	-55~+150	DO-41
FR102G	100	1.0	30	1.0 1.3	2.5 100	150	60	10	-55~+150	DO-41
FR103G	200	1.0	30	1.0 1.3	2.5 100	150	60	10	-55~+150	DO-41
FR104G	400	1.0	30	1.0 1.3	2.5 100	150	60	10	-55~+150	DO-41
FR105G	600	1.0	30	1.0 1.3	2.5 100	250	60	10	-55~+150	DO-41
FR106G	800	1.0	30	1.0 1.3	2.5 100	500	60	10	-55~+150	DO-41
FR107G	1000	1.0	30	1.0 1.3	2.5 100	500	60	10	-55~+150	DO-41
1N4933G	50	1.0	30	1.0 1.2	2.5 100	150	60	10	-55~+150	DO-41
1N4934G	100	1.0	30	1.0 1.2	2.5 100	150	60	10	-55~+150	DO-41
1N4935G	200	1.0	30	1.0 1.2	2.5 100	150	60	10	-55~+150	DO-41
1N4936G	400	1.0	30	1.0 1.2	2.5 100	150	60	10	-55~+150	DO-41
1N4937G	600	1.0	30	1.0 1.2	2.5 100	150	60	10	-55~+150	DO-41
FR151G	50	1.5	50	1.5 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR152G	100	1.5	50	1.5 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR153G	200	1.5	50	1.5 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR154G	400	1.5	50	1.5 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR155G	600	1.5	50	1.5 1.3	2.5 100	250	50	20	-55~+150	DO-15
FR156G	800	1.5	50	1.5 1.3	2.5 100	500	50	20	-55~+150	DO-15
FR157G	1000	1.5	50	1.5 1.3	2.5 100	500	50	20	-55~+150	DO-15
FR201G	50	2.0	60	2.0 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR202G	100	2.0	60	2.0 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR203G	200	2.0	60	2.0 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR204G	400	2.0	60	2.0 1.3	2.5 100	150	50	20	-55~+150	DO-15
FR205G	600	2.0	60	2.0 1.3	2.5 100	250	50	20	-55~+150	DO-15
FR206G	800	2.0	60	2.0 1.3	2.5 100	500	50	20	-55~+150	DO-15
FR207G	1000	2.0	60	2.0 1.3	2.5 100	500	50	20	-55~+150	DO-15
FR301G	50	3.0	125	3.0 1.3	2.5 100	150	30	35	-55~+150	DO-201AD
FR302G	100	3.0	125	3.0 1.3	2.5 100	150	30	35	-55~+150	DO-201AD
FR303G	200	3.0	125	3.0 1.3	2.5 100	150	30	35	-55~+150	DO-201AD
FR304G	400	3.0	125	3.0 1.3	2.5 100	150	30	35	-55~+150	DO-201AD
FR305G	600	3.0	125	3.0 1.3	2.5 100	250	30	35	-55~+150	DO-201AD
FR306G	800	3.0	125	3.0 1.3	2.5 100	500	30	35	-55~+150	DO-201AD
FR307G	1000	3.0	125	3.0 1.3	2.5 100	500	30	35	-55~+150	DO-201AD
FR601G	50	6.0	200	6.0 1.3	2.5 100	150	15	50	-55~+150	R-6
FR602G	100	6.0	200	6.0 1.3	2.5 100	150	15	50	-55~+150	R-6
FR603G	200	6.0	200	6.0 1.3	2.5 100	150	15	50	-55~+150	R-6
FR604G	400	6.0	200	6.0 1.3	2.5 100	150	15	50	-55~+150	R-6
FR605G	600	6.0	200	6.0 1.3	2.5 100	250	15	50	-55~+150	R-6
FR606G	800	6.0	200	6.0 1.3	2.5 100	500	15	50	-55~+150	R-6
FR607G	1000	6.0	200	6.0 1.3	2.5 100	500	15	50	-55~+150	R-6
F1A	50	1.0	30	1.0 1.3	5.0 100	150	68	20	-55~+150	SOD-123FL
F1B	100	1.0	30	1.0 1.3	5.0 100	150	68	20	-55~+150	SOD-123FL



DO-41



DO-15



DO-201AD



R-6



SOD-123FL

GENERAL PURPOSE DIODE

FAST RECOVERY DIODE

**快恢复二极管**  
**FAST RECOVERY DIODE**

型号 TYPE NO.	最大反向峰值电压		最大正向电流		最大正向浪涌电流		最大正向压降		最大反向漏电流		最大反向恢复时间		典型热阻		结电容		工作结温		封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>F</sub>	Maximum Reverse Current @Rated VRM & T <sub>C</sub>	Maximum Reverse Current @25°C IR (μA)	Maximum Reverse Current @100°C IR (μA)	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp. Range	T <sub>J</sub> (°C)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	Operating Temp. Range	T <sub>J</sub> (°C)			
F1D	200	1.0	30	1.0	1.3	5.0	100	150	68	20	-55~+150	SOD-123FL							
F1G	400	1.0	30	1.0	1.3	5.0	100	150	68	20	-55~+150	SOD-123FL							
F1J	600	1.0	30	1.0	1.3	5.0	100	250	68	20	-55~+150	SOD-123FL							
F1K	800	1.0	30	1.0	1.3	5.0	100	500	68	20	-55~+150	SOD-123FL							
F1M	1000	1.0	30	1.0	1.3	5.0	100	500	68	20	-55~+150	SOD-123FL							
F2A	50	2.0	50	2.0	1.3	5.0	100	150	70	20	-55~+150	SOD-123FL							
F2B	100	2.0	50	2.0	1.3	5.0	100	150	70	20	-55~+150	SOD-123FL							
F2D	200	2.0	50	2.0	1.3	5.0	100	150	70	20	-55~+150	SOD-123FL							
F2G	400	2.0	50	2.0	1.3	5.0	100	150	70	20	-55~+150	SOD-123FL							
F2J	600	2.0	50	2.0	1.3	5.0	100	250	70	20	-55~+150	SOD-123FL							
F2K	800	2.0	50	2.0	1.3	5.0	100	500	70	20	-55~+150	SOD-123FL							
F2M	1000	2.0	50	2.0	1.3	5.0	100	500	70	20	-55~+150	SOD-123FL							
F1AFS	50	1.0	30	1.0	1.3	5.0	100	150	65	10	-55~+150	SMAF							
F1BFS	100	1.0	30	1.0	1.3	5.0	100	150	65	10	-55~+150	SMAF							
F1DFS	200	1.0	30	1.0	1.3	5.0	100	150	65	10	-55~+150	SMAF							
F1GFS	400	1.0	30	1.0	1.3	5.0	100	150	65	10	-55~+150	SMAF							
F1JFS	600	1.0	30	1.0	1.3	5.0	100	250	65	10	-55~+150	SMAF							
F1KFS	800	1.0	30	1.0	1.3	5.0	100	500	65	10	-55~+150	SMAF							
F1MFS	1000	1.0	30	1.0	1.3	5.0	100	500	65	10	-55~+150	SMAF							
F1AF	50	1.0	30	1.0	1.3	5.0	100	150	70	15	-55~+150	SMAF							
F1BF	100	1.0	30	1.0	1.3	5.0	100	150	70	15	-55~+150	SMAF							
F1DF	200	1.0	30	1.0	1.3	5.0	100	150	70	15	-55~+150	SMAF							
F1GF	400	1.0	30	1.0	1.3	5.0	100	150	70	15	-55~+150	SMAF							
F1JF	600	1.0	30	1.0	1.3	5.0	100	250	70	15	-55~+150	SMAF							
F1KF	800	1.0	30	1.0	1.3	5.0	100	500	70	15	-55~+150	SMAF							
F1MF	1000	1.0	30	1.0	1.3	5.0	100	500	70	15	-55~+150	SMAF							
F2AF	50	2.0	50	2.0	1.3	5.0	100	150	65	20	-55~+150	SMAF							
F2BF	100	2.0	50	2.0	1.3	5.0	100	150	65	20	-55~+150	SMAF							
F2DF	200	2.0	50	2.0	1.3	5.0	100	150	65	20	-55~+150	SMAF							
F2GF	400	2.0	50	2.0	1.3	5.0	100	150	65	20	-55~+150	SMAF							
F2JF	600	2.0	50	2.0	1.3	5.0	100	250	65	20	-55~+150	SMAF							
F2KF	800	2.0	50	2.0	1.3	5.0	100	500	65	20	-55~+150	SMAF							
F2MF	1000	2.0	50	2.0	1.3	5.0	100	500	65	20	-55~+150	SMAF							
GR1A	50	1.0	30	1.0	1.3	5.0	50	150	75	9	-55~+150	SMA							
GR1B	100	1.0	30	1.0	1.3	5.0	50	150	75	9	-55~+150	SMA							
GR1D	200	1.0	30	1.0	1.3	5.0	50	150	75	9	-55~+150	SMA							
GR1G	400	1.0	30	1.0	1.3	5.0	50	150	75	9	-55~+150	SMA							
GR1J	600	1.0	30	1.0	1.3	5.0	50	250	75	9	-55~+150	SMA							
GR1K	800	1.0	30	1.0	1.3	5.0	50	500	75	9	-55~+150	SMA							
GR1M	1000	1.0	30	1.0	1.3	5.0	50	500	75	9	-55~+150	SMA							
GR2AA	50	2.0	50	2.0	1.3	5.0	200	150	55	15	-55~+150	SMA							
GR2BA	100	2.0	50	2.0	1.3	5.0	200	150	55	15	-55~+150	SMA							


**快恢复二极管**  
**FAST RECOVERY DIODE**

型号 TYPE NO.	最大反向峰值电压		最大正向电流		最大正向浪涌电流		最大正向压降		最大反向漏电流		最大反向恢复时间		典型热阻		结电容		工作结温		封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>F</sub>	Maximum Reverse Current @Rated VRM & T <sub>C</sub>	Maximum Reverse Current @25°C IR (μA)	Maximum Reverse Current @100°C IR (μA)	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp. Range	T <sub>J</sub> (°C)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	Operating Temp. Range	T <sub>J</sub> (°C)			
GR2DA	200	2.0	50	2.0	1.3	5.0	200	150	55	15	-55~+150	SMA							
GR2GA	400	2.0	50	2.0	1.3	5.0	200	150	55	15	-55~+150	SMA							
GR2JA	600	2.0	50	2.0	1.3	5.0	200	250	55	15	-55~+150	SMA							
GR2KA	800	2.0	50	2.0	1.3	5.0	200	500	55	15	-55~+150	SMA							
GR2MA	1000	2.0	50	2.0	1.3	5.0	200	500	55	15	-55~+150	SMA							
GR2A	50	2.0	50	2.0	1.3	5.0	200	150	75	20	-55~+150	SMB							
GR2B	100	2.0	50	2.0	1.3	5.0	200	150	75	20	-55~+150	SMB							
GR2D	200	2.0	50	2.0	1.3	5.0	200	150	75	20	-55~+150	SMB							
GR2G	400	2.0	50	2.0	1.3	5.0	200	150	75	20	-55~+150	SMB							
GR2J	600	2.0	50	2.0	1.3	5.0	200	250	75	20	-55~+150	SMB							
GR2K	800	2.0	50	2.0	1.3	5.0	200	500	75	20	-55~+150	SMB							
GR2M	1000	2.0	50	2.0	1.3	5.0	200	500	75	20	-55~+150	SMB							
GR3AB	50	3.0	100	3.0	1.3	5.0	200	150	75	40	-55~+150	SMB							
GR3BB	100	3.0	100	3.0	1.3	5.0	200	150	75	40	-55~+150	SMB							
GR3DB	200	3.0	100	3.0	1.3	5.0	200	150	75	40	-55~+150	SMB							
GR3GB	400	3.0	100	3.0	1.3	5.0	200	150	75	40	-55~+150	SMB							
GR3JB	600	3.0	100	3.0	1.3	5.0	200	250	75	40	-55~+150	SMB							
GR3KB	800	3.0	100	3.0	1.3	5.0	200	500	75	40	-55~+150	SMB							
GR3MB	1000	3.0	100	3.0	1.3	5.0	200	500	75	40	-55~+150	SMB							
GR3A	50	3.0	100	3.0	1.3	10	250	150	48	35	-55~+150	SMC							
GR3B	100	3.0	100	3.0	1.3	10	250	150	48	35	-55~+150	SMC							
GR3D	200	3.0	100	3.0	1.3	10	250	150	48	35	-55~+150	SMC							
GR3G	400	3.0	100	3.0	1.3	10	250	150	48	35	-55~+150	SMC							
GR3J	600	3.0	100	3.0	1.3	10	250	250	48	35	-55~+150	SMC							
GR3K	800	3.0	100	3.0	1.3	10	250	500	48	35	-55~+150	SMC							
GR3M	1000	3.0	100	3.0	1.3	10	250	500	48	35	-55~+150	SMC							
GR5A	50	5.0	120	5.0	1.3	10	250	150	47	40	-55~+150	SMC							
GR5B	100	5.0	120	5.0	1.3	10	250	150	47	40	-55~+150	SMC							
GR5D	200	5.0	120	5.0	1.3	10	250	150	47	40	-55~+150	SMC							
GR5G	400	5.0	120	5.0	1.3	10	250	150	47	40	-55~+150	SMC							
GR5J	600	5.0	120	5.0	1.3	10	250	250	47	40	-55~+150	SMC							
GR5K	800	5.0	120	5.0	1.3	10	250	500	47	40	-55~+150	SMC							
GR5M	1000	5.0	120	5.0	1.3	10	250	500	47	40	-55~+150	SMC							



FAST RECOVERY DIODE

FAST RECOVERY DIODE

超高效整流二极管  
HIGH EFFICIENT DIODE

型号 TYPE NO.	最大反向峰值电压		最大正向电流		最大正向浪涌电流		最大正向压降		最大反向漏电流		最大反向恢复时间		典型热阻		结电容		工作结温		封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io	Rated Io(A)	Vf(V)	@25°C IR (uA)	@100°C IR (uA)	Trr(ns)	RθJA(°C/W)	Cj(PF)	Tj(°C)							
HER101G	50	1.0	30	1.0	1.0	2.5	150	50	60	20	-55~+150	DO-41							
HER102G	100	1.0	30	1.0	1.0	2.5	150	50	60	20	-55~+150	DO-41							
HER103G	200	1.0	30	1.0	1.0	2.5	150	50	60	20	-55~+150	DO-41							
HER104G	300	1.0	30	1.0	1.3	2.5	150	50	60	20	-55~+150	DO-41							
HER105G	400	1.0	30	1.0	1.3	2.5	150	50	60	20	-55~+150	DO-41							
HER106G	600	1.0	30	1.0	1.7	2.5	150	75	60	10	-55~+150	DO-41							
HER107G	800	1.0	30	1.0	1.7	2.5	150	75	60	10	-55~+150	DO-41							
HER108G	1000	1.0	30	1.0	1.7	2.5	150	75	60	10	-55~+150	DO-41							
HER151G	50	1.5	60	1.5	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER152G	100	1.5	60	1.5	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER153G	200	1.5	60	1.5	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER154G	300	1.5	60	1.5	1.3	2.5	150	50	40	25	-55~+150	DO-15							
HER155G	400	1.5	60	1.5	1.3	2.5	150	50	40	25	-55~+150	DO-15							
HER156G	600	1.5	60	1.5	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER157G	800	1.5	60	1.5	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER158G	1000	1.5	60	1.5	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER201G	50	2.0	60	2.0	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER202G	100	2.0	60	2.0	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER203G	200	2.0	60	2.0	1.0	2.5	150	50	40	25	-55~+150	DO-15							
HER204G	300	2.0	60	2.0	1.3	2.5	150	50	40	25	-55~+150	DO-15							
HER205G	400	2.0	60	2.0	1.3	2.5	150	50	40	25	-55~+150	DO-15							
HER206G	600	2.0	60	2.0	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER207G	800	2.0	60	2.0	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER208G	1000	2.0	60	2.0	1.7	2.5	150	75	40	15	-55~+150	DO-15							
HER301G	50	3.0	125	3.0	1.0	2.5	150	50	30	70	-55~+150	DO-201AD							
HER302G	100	3.0	125	3.0	1.0	2.5	150	50	30	70	-55~+150	DO-201AD							
HER303G	200	3.0	125	3.0	1.0	2.5	150	50	30	70	-55~+150	DO-201AD							
HER304G	300	3.0	125	3.0	1.3	2.5	150	50	30	70	-55~+150	DO-201AD							
HER305G	400	3.0	125	3.0	1.3	2.5	150	50	30	70	-55~+150	DO-201AD							
HER306G	600	3.0	125	3.0	1.7	2.5	150	75	30	40	-55~+150	DO-201AD							
HER307G	800	3.0	125	3.0	1.7	2.5	150	75	30	40	-55~+150	DO-201AD							
HER308G	1000	3.0	125	3.0	1.7	2.5	150	75	30	40	-55~+150	DO-201AD							
HER501G	50	5.0	150	5.0	1.0	2.5	150	50	20	85	-55~+150	DO-201AD							
HER502G	100	5.0	150	5.0	1.0	2.5	150	50	20	85	-55~+150	DO-201AD							
HER503G	200	5.0	150	5.0	1.0	2.5	150	50	20	85	-55~+150	DO-201AD							
HER504G	300	5.0	150	5.0	1.3	2.5	150	50	20	85	-55~+150	DO-201AD							
HER505G	400	5.0	150	5.0	1.3	2.5	150	50	20	85	-55~+150	DO-201AD							
HER506G	600	5.0	150	5.0	1.7	2.5	150	75	20	60	-55~+150	DO-201AD							
HER507G	800	5.0	150	5.0	1.7	2.5	150	75	20	60	-55~+150	DO-201AD							
HER508G	1000	5.0	150	5.0	1.7	2.5	150	75	20	60	-55~+150	DO-201AD							
HER601G	50	6.0	200	6.0	1.0	2.5	150	50	15	100	-55~+150	R-6							
HER602G	100	6.0	200	6.0	1.0	2.5	150	50	15	100	-55~+150	R-6							

超高效整流二极管  
HIGH EFFICIENT DIODE

型号 TYPE NO.	最大反向峰值电压		最大正向电流		最大正向浪涌电流		最大正向压降		最大反向漏电流		最大反向恢复时间		典型热阻		结电容		工作结温		封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated Io	Rated Io(A)	Vf(V)	@25°C IR (uA)	@100°C IR (uA)	Trr(ns)	RθJA(°C/W)	Cj(PF)	Tj(°C)							
HER603G	200	6.0	200	6.0	1.0	2.5	150	50	15	100	-55~+150	R-6							
HER604G	300	6.0	200	6.0	1.3	2.5	150	50	15	100	-55~+150	R-6							
HER605G	400	6.0	200	6.0	1.3	2.5	150	50	15	100	-55~+150	R-6							
HER606G	600	6.0	200	6.0	1.7	2.5	150	75	15	65	-55~+150	R-6							
HER607G	800	6.0	200	6.0	1.7	2.5	150	75	15	65	-55~+150	R-6							
HER608G	1000	6.0	200	6.0	1.7	2.5	150	75	15	65	-55~+150	R-6							
H1A	50	1.0	30	1.0	1.0	5.0	100	50	70	20	-55~+150	SOD-123FL							
H1B	100	1.0	30	1.0	1.0	5.0	100	50	70	20	-55~+150	SOD-123FL							
H1D	200	1.0	30	1.0	1.0	5.0	100	50	70	20	-55~+150	SOD-123FL							
H1G	400	1.0	30	1.0	1.3	5.0	100	50	70	20	-55~+150	SOD-123FL							
H1J	600	1.0	30	1.0	1.7	5.0	100	75	70	15	-55~+150	SOD-123FL							
H1K	800	1.0	30	1.0	1.7	5.0	100	75	70	15	-55~+150	SOD-123FL							
H1M	1000	1.0	30	1.0	1.7	5.0	100	75	70	15	-55~+150	SOD-123FL							
H1AFS	50	1.0	30	1.0	1.0	5.0	100	50	30	16	-55~+150	SMAF							
H1BFS	100	1.0	30	1.0	1.0	5.0	100	50	75	16	-55~+150	SMAF							
H1DFS	200	1.0	30	1.0	1.0	5.0	100	50	75	16	-55~+150	SMAF							
H1GFS	400	1.0	30	1.0	1.3	5.0	100	50	75	10	-55~+150	SMAF							
H1JFS	600	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H1KFS	800	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H1MFS	1000	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H1AF	50	1.0	30	1.0	1.0	5.0	100	50	75	16	-55~+150	SMAF							
H1BF	100	1.0	30	1.0	1.0	5.0	100	50	75	16	-55~+150	SMAF							
H1DF	200	1.0	30	1.0	1.0	5.0	100	50	75	16	-55~+150	SMAF							
H1GF	400	1.0	30	1.0	1.3	5.0	100	50	75	10	-55~+150	SMAF							
H1JF	600	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H1KF	800	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H1MF	1000	1.0	30	1.0	1.7	5.0	100	75	75	8	-55~+150	SMAF							
H2AF	50	2.0	50	2.0	1.0	5.0	100	50	75	30	-55~+150	SMAF							
H2BF	100	2.0	50	2.0	1.0	5.0	100	50	75	30	-55~+150	SMAF							
H2DF	200	2.0	50	2.0	1.0	5.0	100	50	75	30	-55~+150	SMAF							
H2GF	400	2.0	50	2.0	1.3	5.0	100	50	75	20	-55~+150	SMAF							
H2JF	600	2.0	50	2.0	1.7	5.0	100	75	75	15	-55~+150	SMAF							
H2KF	800	2.0	50	2.0	1.7	5.0	100	75	75	15	-55~+150	SMAF							
H2MF	1000	2.0	50	2.0	1.7	5.0	100	75	75	15	-55~+150	SMAF							
HS1A	50	1.0	30	1.0	1.0	5.0	100	50	75	20	-55~+150	SMA							
HS1B	100	1.0	30	1.0	1.0	5.0	100	50	75	20	-55~+150	SMA							
HS1D	200	1.0	30	1.0	1.0	5.0	100	50	75	20	-55~+150	SMA							
HS1G	400	1.0	30	1.0	1.3	5.0	100	50	75	20	-55~+150	SMA							
HS1J	600	1.0	30	1.0	1.7	5.0	100	75	75	15	-55~+150	SMA							
HS1K	800	1.0	30	1.0	1.7	5.0	100	75	75	15	-55~+150	SMA							
HS1M	1000	1.0	30	1.0	1.7	5.0	100	75	75	15	-55~+150	SMA							
HS2AA	50	2.0	50	2.0	1.0	5.0	100	50	75	15	-55~+150	SMA							

HIGH EFFICIENT DIODE

HIGH EFFICIENT DIODE



DO-41



DO-15



DO-201AD



R-6



R-6



SOD-123FL



SMAF



SMA

超高效整流二极管  
HIGH EFFICIENT DIODE

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		最大反向恢复时间	典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>F</sub>	VF(V) @25°C IR (μA) @100°C IR (μA)	Maximum Reverse Current@Rated VRM&Tc	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp.Range		
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	VF(V) @25°C IR (μA) @100°C IR (μA)		T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	T <sub>J</sub> (°C)		
HS2BA	100	2.0	50	2.0	1.0	5.0	100	50	75	15	-55~+150	SMA
HS2DA	200	2.0	50	2.0	1.0	5.0	100	50	75	15	-55~+150	SMA
HS2GA	400	2.0	50	2.0	1.3	5.0	100	50	75	15	-55~+150	SMA
HS2JA	600	2.0	50	2.0	1.7	5.0	100	75	75	10	-55~+150	SMA
HS2KA	800	2.0	50	2.0	1.7	5.0	100	75	75	10	-55~+150	SMA
HS2MA	1000	2.0	50	2.0	1.7	5.0	100	75	75	10	-55~+150	SMA
HS2A	50	2.0	50	2.0	1.0	5.0	100	50	80	30	-55~+150	SMB
HS2B	100	2.0	50	2.0	1.0	5.0	100	50	80	30	-55~+150	SMB
HS2D	200	2.0	50	2.0	1.0	5.0	100	50	80	30	-55~+150	SMB
HS2G	400	2.0	50	2.0	1.3	5.0	100	50	80	20	-55~+150	SMB
HS2J	600	2.0	50	2.0	1.7	5.0	100	75	80	15	-55~+150	SMB
HS2K	800	2.0	50	2.0	1.7	5.0	100	75	80	15	-55~+150	SMB
HS2M	1000	2.0	50	2.0	1.7	5.0	100	75	80	15	-55~+150	SMB
HS3AB	50	3.0	100	3.0	1.0	10	200	50	70	45	-55~+150	SMB
HS3BB	100	3.0	100	3.0	1.0	10	200	50	70	45	-55~+150	SMB
HS3DB	200	3.0	100	3.0	1.0	10	200	50	70	45	-55~+150	SMB
HS3GB	400	3.0	100	3.0	1.3	10	200	50	70	35	-55~+150	SMB
HS3JB	600	3.0	100	3.0	1.7	10	200	75	70	25	-55~+150	SMB
HS3KB	800	3.0	100	3.0	1.7	10	200	75	70	25	-55~+150	SMB
HS3MB	1000	3.0	100	3.0	1.7	10	200	75	70	25	-55~+150	SMB
HS3A	50	3.0	100	3.0	1.0	10	200	50	48	40	-55~+150	SMC
HS3B	100	3.0	100	3.0	1.0	10	200	50	48	40	-55~+150	SMC
HS3D	200	3.0	100	3.0	1.0	10	200	50	48	40	-55~+150	SMC
HS3G	400	3.0	100	3.0	1.3	10	200	50	48	40	-55~+150	SMC
HS3J	600	3.0	100	3.0	1.7	10	200	75	48	30	-55~+150	SMC
HS3K	800	3.0	100	3.0	1.7	10	200	75	48	30	-55~+150	SMC
HS3M	1000	3.0	100	3.0	1.7	10	200	75	48	30	-55~+150	SMC
HS5A	50	5.0	150	5.0	1.0	10	200	50	47	85	-55~+150	SMC
HS5B	100	5.0	150	5.0	1.0	10	200	50	47	85	-55~+150	SMC
HS5D	200	5.0	150	5.0	1.0	10	200	50	47	85	-55~+150	SMC
HS5F	300	5.0	150	5.0	1.3	10	200	50	47	85	-55~+150	SMC
HS5G	400	5.0	150	5.0	1.3	10	200	50	47	85	-55~+150	SMC
HS5J	600	5.0	150	5.0	1.7	10	200	75	47	60	-55~+150	SMC
HS5K	800	5.0	150	5.0	1.7	10	200	75	47	60	-55~+150	SMC
HS5M	1000	5.0	150	5.0	1.7	10	200	75	47	60	-55~+150	SMC



SMA



SMB



SMC

超快恢复二极管  
SUPER FAST DIODE

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		最大反向恢复时间	典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>F</sub>	VF(V) @25°C IR (μA) @100°C IR (μA)	Maximum Reverse Current@Rated VRM&Tc	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp.Range		
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A)	VF(V) @25°C IR (μA) @100°C IR (μA)		T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	T <sub>J</sub> (°C)		
SF11G	50	1.0	30	1.0	0.95	5.0	150	35	60	20	-55~+150	DO-41
SF12G	100	1.0	30	1.0	0.95	5.0	150	35	60	20	-55~+150	DO-41
SF13G	150	1.0	30	1.0	0.95	5.0	150	35	60	20	-55~+150	DO-41
SF14G	200	1.0	30	1.0	0.95	5.0	150	35	60	20	-55~+150	DO-41
SF15G	300	1.0	30	1.0	1.3	5.0	150	35	60	10	-55~+150	DO-41
SF16G	400	1.0	30	1.0	1.3	5.0	150	35	60	10	-55~+150	DO-41
SF17G	500	1.0	30	1.0	1.7	5.0	150	35	60	10	-55~+150	DO-41
SF18G	600	1.0	30	1.0	1.7	5.0	150	35	60	10	-55~+150	DO-41
MUR120	200	1.0	35	1.0	0.875	5.0	150	25	60	20	-55~+150	DO-41
MUR140	400	1.0	35	1.0	1.25	5.0	150	50	60	20	-55~+150	DO-41
MUR160	600	1.0	35	1.0	1.25	5.0	150	50	60	20	-55~+150	DO-41
SF21G	50	2.0	50	2.0	0.95	5.0	150	35	50	30	-55~+150	DO-15
SF22G	100	2.0	50	2.0	0.95	5.0	150	35	50	30	-55~+150	DO-15
SF23G	150	2.0	50	2.0	0.95	5.0	150	35	50	30	-55~+150	DO-15
SF24G	200	2.0	50	2.0	0.95	5.0	150	35	50	15	-55~+150	DO-15
SF25G	300	2.0	50	2.0	1.3	5.0	150	35	50	15	-55~+150	DO-15
SF26G	400	2.0	50	2.0	1.3	5.0	150	35	50	15	-55~+150	DO-15
SF27G	500	2.0	50	2.0	1.7	5.0	150	35	50	15	-55~+150	DO-15
SF28G	600	2.0	50	2.0	1.7	5.0	150	35	50	15	-55~+150	DO-15
MUR220	200	2.0	60	2.0	0.875	5.0	150	25	50	30	-55~+150	DO-15
MUR240	400	2.0	60	2.0	1.25	5.0	150	50	50	30	-55~+150	DO-15
MUR260	600	2.0	60	2.0	1.25	5.0	150	50	50	30	-55~+150	DO-15
SF31G	50	3.0	125	3.0	0.95	5.0	150	35	30	60	-55~+150	DO-201AD
SF32G	100	3.0	125	3.0	0.95	5.0	150	35	30	60	-55~+150	DO-201AD
SF33G	150	3.0	125	3.0	0.95	5.0	150	35	30	60	-55~+150	DO-201AD
SF34G	200	3.0	125	3.0	0.95	5.0	150	35	30	60	-55~+150	DO-201AD
SF35G	300	3.0	125	3.0	1.3	5.0	150	35	30	40	-55~+150	DO-201AD
SF36G	400	3.0	125	3.0	1.3	5.0	150	35	30	40	-55~+150	DO-201AD
SF37G	500	3.0	125	3.0	1.7	5.0	150	35	30	40	-55~+150	DO-201AD
SF38G	600	3.0	125	3.0	1.7	5.0	150	35	30	40	-55~+150	DO-201AD
MUR420	200	4.0	125	4.0	0.89	5.0	150	25	20	70	-55~+150	DO-201AD
MUR440	400	4.0	125	4.0	1.28	5.0	150	50	20	70	-55~+150	DO-201AD
MUR460	600	4.0	125	4.0	1.28	5.0	150	50	20	70	-55~+150	DO-201AD
MUR480	800	4.0	125	4.0	1.85	5.0	150	75	20	70	-55~+150	DO-201AD
MUR41000	1000	4.0	125	4.0	1.85	5.0	150	75	20	70	-55~+150	DO-201AD
SF51G	50	5.0	150	5.0	0.95	5.0	150	35	15	60	-55~+150	DO-201AD
SF52G	100	5.0	150	5.0	0.95	5.0	150	35	15	60	-55~+150	DO-201AD
SF53G	150	5.0	150	5.0	0.95	5.0	150	35	15	60	-55~+150	DO-201AD
SF54G	200	5.0	150	5.0	0.95	5.0	150	35	15	60	-55~+150	DO-201AD
SF55G	300	5.0	150	5.0	1.3	5.0	150	35	15	40	-55~+150	DO-201AD
SF56G	400	5.0	150	5.0	1.3	5.0	150	35	15	40	-55~+150	DO-201AD
SF57G	500	5.0	150	5.0	1.7	5.0	150	35	15	40	-55~+150	DO-201AD
SF58G	600	5.0	150	5.0	1.7	5.0	150	35	15	40	-55~+150	DO-201AD



DO-41



DO-15



DO-201AD

HIGH EFFICIENT DIODE

SUPER FAST DIODE

超快恢复二极管  
SUPER FAST DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io	最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc	最大反向恢复时间 Maximum Recovery Time	典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package	
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A) VF(V)	@25°C IR (uA) @100°C IR (uA)	T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)		
SF61G	50	6.0	150	6.0	0.95 5.0	150	35	12	110	-55~+150	R-6
SF62G	100	6.0	150	6.0	0.95 5.0	150	35	12	110	-55~+150	R-6
SF63G	150	6.0	150	6.0	0.95 5.0	150	35	12	110	-55~+150	R-6
SF64G	200	6.0	150	6.0	0.95 5.0	150	35	12	110	-55~+150	R-6
SF65G	300	6.0	150	6.0	1.3 5.0	150	35	12	80	-55~+150	R-6
SF66G	400	6.0	150	6.0	1.3 5.0	150	35	12	80	-55~+150	R-6
SF67G	500	6.0	150	6.0	1.7 5.0	150	35	12	80	-55~+150	R-6
SF68G	600	6.0	150	6.0	1.7 5.0	150	35	12	80	-55~+150	R-6
E1A	50	1.0	30	1.0	1.0 5.0	150	35	60	30	-55~+150	SOD-123FL
E1B	100	1.0	30	1.0	1.0 5.0	150	35	60	30	-55~+150	SOD-123FL
E1D	200	1.0	30	1.0	1.0 5.0	150	35	60	30	-55~+150	SOD-123FL
E1F	300	1.0	30	1.0	1.3 5.0	150	35	60	30	-55~+150	SOD-123FL
E1G	400	1.0	30	1.0	1.3 5.0	150	35	60	15	-55~+150	SOD-123FL
E1J	600	1.0	30	1.0	1.7 5.0	150	35	60	15	-55~+150	SOD-123FL
E1AFS	50	1.0	30	1.0	1.0 5.0	100	35	65	18	-55~+150	SMAF
E1BFS	100	1.0	30	1.0	1.0 5.0	100	35	65	18	-55~+150	SMAF
E1CFS	150	1.0	30	1.0	1.0 5.0	100	35	65	18	-55~+150	SMAF
E1DFS	200	1.0	30	1.0	1.0 5.0	100	35	65	18	-55~+150	SMAF
E1FFS	300	1.0	30	1.0	1.3 5.0	100	35	65	10	-55~+150	SMAF
E1GFS	400	1.0	30	1.0	1.3 5.0	100	35	65	10	-55~+150	SMAF
E1HFS	500	1.0	30	1.0	1.7 5.0	100	35	65	8	-55~+150	SMAF
E1JFS	600	1.0	30	1.0	1.7 5.0	100	35	65	8	-55~+150	SMAF
E1AF	50	1.0	30	1.0	1.0 5.0	100	35	75	20	-55~+150	SMAF
E1BF	100	1.0	30	1.0	1.0 5.0	100	35	75	20	-55~+150	SMAF
E1CF	150	1.0	30	1.0	1.0 5.0	100	35	75	20	-55~+150	SMAF
E1DF	200	1.0	30	1.0	1.0 5.0	100	35	75	20	-55~+150	SMAF
E1FF	300	1.0	30	1.0	1.3 5.0	100	35	75	12	-55~+150	SMAF
E1GF	400	1.0	30	1.0	1.3 5.0	100	35	75	12	-55~+150	SMAF
E1HF	500	1.0	30	1.0	1.7 5.0	100	35	75	10	-55~+150	SMAF
E1JF	600	1.0	30	1.0	1.7 5.0	100	35	75	10	-55~+150	SMAF
E1KF	800	1.0	30	1.0	1.85 5.0	100	35	75	10	-55~+150	SMAF
E2AF	50	2.0	50	2.0	1.0 5.0	100	35	75	30	-55~+150	SMAF
E2BF	100	2.0	50	2.0	1.0 5.0	100	35	75	30	-55~+150	SMAF
E2CF	150	2.0	50	2.0	1.0 5.0	100	35	75	30	-55~+150	SMAF
E2DF	200	2.0	50	2.0	1.0 5.0	100	35	75	30	-55~+150	SMAF
E2FF	300	2.0	50	2.0	1.3 5.0	100	35	75	30	-55~+150	SMAF
E2GF	400	2.0	50	2.0	1.3 5.0	100	35	75	15	-55~+150	SMAF
E2HF	500	2.0	50	2.0	1.7 5.0	100	35	75	15	-55~+150	SMAF
E2JF	600	2.0	50	2.0	1.7 5.0	100	35	75	15	-55~+150	SMAF
E2KF	800	2.0	50	2.0	1.85 5.0	100	35	75	15	-55~+150	SMAF
ES1A	50	1.0	30	1.0	0.95 5.0	100	35	65	15	-55~+150	SMA
ES1B	100	1.0	30	1.0	0.95 5.0	100	35	65	15	-55~+150	SMA

超快恢复二极管  
SUPER FAST DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C&Rated Io	最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc	最大反向恢复时间 Maximum Recovery Time	典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package	
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>O</sub> (A) VF(V)	@25°C IR (uA) @100°C IR (uA)	T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)		
ES1C	150	1.0	30	1.0	0.95 5.0	100	35	65	15	-55~+150	SMA
ES1D	200	1.0	30	1.0	0.95 5.0	100	35	65	15	-55~+150	SMA
ES1F	300	1.0	30	1.0	1.3 5.0	100	35	65	15	-55~+150	SMA
ES1G	400	1.0	30	1.0	1.3 5.0	100	35	65	10	-55~+150	SMA
ES1H	500	1.0	30	1.0	1.7 5.0	100	35	65	10	-55~+150	SMA
ES1J	600	1.0	30	1.0	1.7 5.0	100	35	65	10	-55~+150	SMA
ES1K	800	1.0	30	1.0	1.85 5.0	100	35	65	10	-55~+150	SMA
ES2AA	50	2.0	50	2.0	0.95 5.0	100	35	65	25	-55~+150	SMA
ES2BA	100	2.0	50	2.0	0.95 5.0	100	35	65	25	-55~+150	SMA
ES2CA	150	2.0	50	2.0	0.95 5.0	100	35	65	25	-55~+150	SMA
ES2DA	200	2.0	50	2.0	0.95 5.0	100	35	65	25	-55~+150	SMA
ES2FA	300	2.0	50	2.0	1.3 5.0	100	35	65	20	-55~+150	SMA
ES2GA	400	2.0	50	2.0	1.3 5.0	100	35	65	20	-55~+150	SMA
ES2HA	500	2.0	50	2.0	1.7 5.0	100	35	65	20	-55~+150	SMA
ES2JA	600	2.0	50	2.0	1.7 5.0	100	35	65	20	-55~+150	SMA
ES2KA	800	2.0	50	2.0	1.85 5.0	100	35	65	20	-55~+150	SMA
ES2A	50	2.0	50	2.0	0.95 5.0	100	35	85	25	-55~+150	SMB
ES2B	100	2.0	50	2.0	0.95 5.0	100	35	85	25	-55~+150	SMB
ES2C	150	2.0	50	2.0	0.95 5.0	100	35	85	25	-55~+150	SMB
ES2D	200	2.0	50	2.0	0.95 5.0	100	35	85	25	-55~+150	SMB
ES2F	300	2.0	50	2.0	1.3 5.0	100	35	85	20	-55~+150	SMB
ES2G	400	2.0	50	2.0	1.3 5.0	100	35	85	20	-55~+150	SMB
ES2H	500	2.0	50	2.0	1.7 5.0	100	35	85	20	-55~+150	SMB
ES2J	600	2.0	50	2.0	1.7 5.0	100	35	85	20	-55~+150	SMB
ES2K	800	2.0	50	2.0	1.85 5.0	100	35	85	20	-55~+150	SMB
ES3AB	50	3.0	90	3.0	0.95 10	100	35	47	60	-55~+150	SMB
ES3BB	100	3.0	90	3.0	0.95 10	100	35	47	60	-55~+150	SMB
ES3CB	150	3.0	90	3.0	0.95 10	100	35	47	60	-55~+150	SMB
ES3DB	200	3.0	90	3.0	0.95 10	100	35	47	60	-55~+150	SMB
ES3FB	300	3.0	90	3.0	1.3 10	100	35	47	40	-55~+150	SMB
ES3GB	400	3.0	90	3.0	1.3 10	100	35	47	40	-55~+150	SMB
ES3HB	500	3.0	90	3.0	1.7 10	100	35	47	30	-55~+150	SMB
ES3JB	600	3.0	90	3.0	1.7 10	100	35	47	30	-55~+150	SMB
ES3KB	800	3.0	90	3.0	1.85 10	100	35	47	30	-55~+150	SMB
MURS320B	200	3.0	100	3.0	0.92 3.0	150	50	47	80	-55~+150	SMB
MURS340B	400	3.0	100	3.0	1.25 3.0	150	50	47	50	-55~+150	SMB
MURS360B	600	3.0	100	3.0	1.25 3.0	150	50	47	30	-55~+150	SMB
UG2A	50	2.0	50	2.0	0.92 5.0	350	25	75	25	-55~+150	SMB
UG2B	100	2.0	50	2.0	0.92 5.0	350	25	75	25	-55~+150	SMB
UG2C	150	2.0	50	2.0	0.92 5.0	350	25	75	25	-55~+150	SMB
UG2D	200	2.0	50	2.0	0.92 5.0	350	25	75	25	-55~+150	SMB
UG2F	300	2.0	50	2.0	1.25 5.0	350	25	75	18	-55~+150	SMB



R-6



SOD-123FL



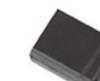
SMAF



SMA



SMA



SMB

超快恢复二极管  
SUPER FAST DIODE

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		最大反向恢复时间	典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>o</sub>	Max.Fwd. Voltage @100°C & Rated I <sub>o</sub>	Maximum Reverse Current@Rated VRM&Tc	Maximum Reverse Current@100°C IR (uA)	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp.Range	
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A) VF(V)		@25°C IR (uA)	@100°C IR (uA)	T <sub>rr</sub> (ns)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
UG2G	400	2.0	50	2.0	1.25	5.0	350	25	75	18	-55~+150	SMB
UG2H	500	2.0	50	2.0	1.70	5.0	350	35	75	15	-55~+150	SMB
UG2J	600	2.0	50	2.0	1.70	5.0	350	35	75	15	-55~+150	SMB
UG3AB	50	3.0	90	3.0	0.92	10	500	25	47	40	-55~+150	SMB
UG3BB	100	3.0	90	3.0	0.92	10	500	25	47	40	-55~+150	SMB
UG3CB	150	3.0	90	3.0	0.92	10	500	25	47	40	-55~+150	SMB
UG3DB	200	3.0	90	3.0	0.92	10	500	25	47	40	-55~+150	SMB
UG3FB	300	3.0	90	3.0	1.25	10	500	25	47	30	-55~+150	SMB
UG3GB	400	3.0	90	3.0	1.25	10	500	25	47	30	-55~+150	SMB
UG3HB	500	3.0	90	3.0	1.70	10	500	35	47	25	-55~+150	SMB
UG3JB	600	3.0	90	3.0	1.70	10	500	35	47	25	-55~+150	SMB
ES3A	50	3.0	100	3.0	0.95	10	500	35	48	60	-55~+150	SMC
ES3B	100	3.0	100	3.0	0.95	10	500	35	48	60	-55~+150	SMC
ES3C	150	3.0	100	3.0	0.95	10	500	35	48	60	-55~+150	SMC
ES3D	200	3.0	100	3.0	0.95	10	500	35	48	60	-55~+150	SMC
ES3F	300	3.0	100	3.0	1.3	10	500	35	48	45	-55~+150	SMC
ES3G	400	3.0	100	3.0	1.3	10	500	35	48	45	-55~+150	SMC
ES3H	500	3.0	100	3.0	1.7	10	500	35	48	45	-55~+150	SMC
ES3J	600	3.0	100	3.0	1.7	10	500	35	48	45	-55~+150	SMC
ES5A	50	5.0	150	5.0	0.95	10	500	35	47	80	-55~+150	SMC
ES5B	100	5.0	150	5.0	0.95	10	500	35	47	80	-55~+150	SMC
ES5C	150	5.0	150	5.0	0.95	10	500	35	47	80	-55~+150	SMC
ES5D	200	5.0	150	5.0	0.95	10	500	35	47	80	-55~+150	SMC
ES5F	300	5.0	150	5.0	1.3	10	500	35	47	40	-55~+150	SMC
ES5G	400	5.0	150	5.0	1.3	10	500	35	47	40	-55~+150	SMC
ES5H	500	5.0	150	5.0	1.7	10	500	35	47	40	-55~+150	SMC
ES5J	600	5.0	150	5.0	1.7	10	500	35	47	40	-55~+150	SMC



SMB



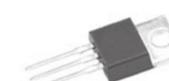
SMC

超快恢复二极管  
SUPER FAST DIODE

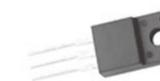
型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		最大反向恢复时间	典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C & Rated I <sub>o</sub>	Max.Fwd. Voltage @100°C & Rated I <sub>o</sub>	Maximum Reverse Current@Rated VRM&Tc	Maximum Reverse Current@100°C IR (uA)	Maximum Recovery Time	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp.Range	
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A) VF(V)		@25°C IR (uA)	@100°C IR (uA)	T <sub>rr</sub> (ns)	R <sub>θJC</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
MUR540	400	5.0	75	5.0	1.3	10	500	50	2	120	-55~+150	TO-220AC
MUR560	600	5.0	75	5.0	1.5	10	500	50	2	120	-55~+150	TO-220AC
MUR540F	400	5.0	75	5.0	1.3	10	500	50	2.5	120	-55~+150	ITO-220AC
MUR560F	600	5.0	75	5.0	1.5	10	500	50	2.5	120	-55~+150	ITO-220AC
MUR820	200	8.0	100	8.0	0.975	10	500	50	2	150	-55~+150	TO-220AC
MUR840	400	8.0	100	8.0	1.3	10	500	50	2	150	-55~+150	TO-220AC
MUR860	600	8.0	100	8.0	1.5	10	500	50	2	150	-55~+150	TO-220AC
MUR820F	200	8.0	100	8.0	0.975	10	500	50	2.5	150	-55~+150	ITO-220AC
MUR840F	400	8.0	100	8.0	1.3	10	500	50	2.5	150	-55~+150	ITO-220AC
MUR860F	600	8.0	100	8.0	1.5	10	500	50	2.5	150	-55~+150	ITO-220AC
MUR1020	200	10.0	125	10.0	0.975	10	500	50	2	180	-55~+150	TO-220AC
MUR1040	400	10.0	125	10.0	1.3	10	500	50	2	180	-55~+150	TO-220AC
MUR1060	600	10.0	125	10.0	1.5	10	500	50	2	180	-55~+150	TO-220AC
MUR1020F	200	10.0	125	10.0	0.975	10	500	50	2.5	180	-55~+150	ITO-220AC
MUR1040F	400	10.0	125	10.0	1.3	10	500	50	2.5	180	-55~+150	ITO-220AC
MUR1060F	600	10.0	125	10.0	1.5	10	500	50	2.5	180	-55~+150	ITO-220AC
MUR1020CT	200	10.0	75	5.0	0.975	10	500	50	2	120	-55~+150	TO-220AB
MUR1040CT	400	10.0	75	5.0	1.3	10	500	50	2	120	-55~+150	TO-220AB
MUR1060CT	600	10.0	75	5.0	1.5	10	500	50	2	120	-55~+150	TO-220AB
MUR1020FCT	200	10.0	75	5.0	0.975	10	500	50	2.5	120	-55~+150	ITO-220AB
MUR1040FCT	400	10.0	75	5.0	1.3	10	500	50	2.5	120	-55~+150	ITO-220AB
MUR1060FCT	600	10.0	75	5.0	1.5	10	500	50	2.5	120	-55~+150	ITO-220AB
MUR1620	200	16.0	150	16.0	0.975	10	500	50	2	250	-55~+150	TO-220AC
MUR1640	400	16.0	150	16.0	1.3	10	500	50	2	200	-55~+150	TO-220AC
MUR1660	600	16.0	150	16.0	1.5	10	500	50	2	200	-55~+150	TO-220AC
MUR1620F	200	16.0	150	16.0	0.975	10	500	50	2.5	250	-55~+150	ITO-220AC
MUR1640F	400	16.0	150	16.0	1.3	10	500	50	2.5	200	-55~+150	ITO-220AC
MUR1660F	600	16.0	150	16.0	1.5	10	500	50	2.5	200	-55~+150	ITO-220AC
MUR1620CT	200	16.0	100	8.0	0.975	10	500	50	2	150	-55~+150	TO-220AB
MUR1640CT	400	16.0	100	8.0	1.3	10	500	50	2	150	-55~+150	TO-220AB
MUR1660CT	600	16.0	100	8.0	1.5	10	500	50	2	150	-55~+150	TO-220AB
MUR1620FCT	200	16.0	100	8.0	0.975	10	500	50	2.5	150	-55~+150	ITO-220AB
MUR1640FCT	400	16.0	100	8.0	1.3	10	500	50	2.5	150	-55~+150	ITO-220AB
MUR1660FCT	600	16.0	100	8.0	1.5	10	500	50	2.5	150	-55~+150	ITO-220AB
MUR2020CT	200	20.0	125	10.0	0.975	10	500	50	2	180	-55~+150	TO-220AB
MUR2040CT	400	20.0	125	10.0	1.3	10	500	50	2	180	-55~+150	TO-220AB
MUR2060CT	600	20.0	125	10.0	1.5	10	500	50	2	180	-55~+150	TO-220AB
MUR2020FCT	200	20.0	125	10.0	0.975	10	500	50	2.5	180	-55~+150	ITO-220AB
MUR2040FCT	400	20.0	125	10.0	1.3	10	500	50	2.5	180	-55~+150	ITO-220AB
MUR2060FCT	600	20.0	125	10.0	1.5	10	500	50	2.5	180	-55~+150	ITO-220AB



ITO-220AC



TO-220AB



ITO-220AB



TO-220AC

SUPER FAST DIODE

SUPER FAST DIODE

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降	最大反向漏电流		典型热阻	结电容	工作结温	封装 Package	
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Max.Fwd. Voltage @25°C & Rated I <sub>O</sub>	Maximum Reverse Current @ Rated V <sub>RM</sub> & T <sub>C</sub>	@25°C I <sub>R</sub> (mA) @100°C I <sub>R</sub> (mA)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	T <sub>J</sub> (°C)		
1N5817	20	1.0	30	1.0	0.45	0.2	20	50	60	-55~+125	DO-41
1N5818	30	1.0	30	1.0	0.55	0.2	20	50	50	-55~+125	DO-41
1N5819	40	1.0	30	1.0	0.6	0.2	20	50	50	-55~+125	DO-41
SR120	20	1.0	30	1.0	0.55	0.2	20	50	50	-55~+125	DO-41
SR140	40	1.0	30	1.0	0.55	0.2	20	50	50	-55~+125	DO-41
SR160	60	1.0	30	1.0	0.7	0.2	20	50	50	-55~+150	DO-41
SR1100	100	1.0	30	1.0	0.85	0.1	5	50	40	-55~+150	DO-41
SR1150	150	1.0	40	1.0	0.85	0.1	5	50	25	-55~+150	DO-41
SR1200	200	1.0	40	1.0	0.85	0.1	5	50	25	-55~+150	DO-41
SR220	20	2.0	50	2.0	0.55	0.2	20	45	100	-55~+125	DO-15
SR240	40	2.0	50	2.0	0.55	0.2	20	45	100	-55~+125	DO-15
SR260	60	2.0	50	2.0	0.7	0.2	20	45	80	-55~+150	DO-15
SR2100	100	2.0	50	2.0	0.85	0.1	5	45	80	-55~+150	DO-15
SR2150	150	2.0	50	2.0	0.85	0.1	5	45	50	-55~+150	DO-15
SR2200	200	2.0	50	2.0	0.85	0.1	5	45	50	-55~+150	DO-15
1N5820	20	3.0	80	3.0	0.475	0.2	20	25	180	-55~+125	DO-201AD
1N5821	30	3.0	80	3.0	0.5	0.2	20	25	180	-55~+125	DO-201AD
1N5822	40	3.0	80	3.0	0.525	0.2	20	25	180	-55~+125	DO-201AD
SR320	20	3.0	80	3.0	0.55	0.2	20	25	180	-55~+125	DO-201AD
SR340	40	3.0	80	3.0	0.55	0.2	20	25	180	-55~+125	DO-201AD
SR360	60	3.0	80	3.0	0.7	0.2	20	25	150	-55~+150	DO-201AD
SR3100	100	3.0	80	3.0	0.85	0.1	5	25	130	-55~+150	DO-201AD
SR3150	150	3.0	80	3.0	0.85	0.1	5	25	80	-55~+150	DO-201AD
SR3200	200	3.0	80	3.0	0.85	0.1	5	25	80	-55~+150	DO-201AD
SR520	20	5.0	120	5.0	0.55	0.2	20	20	280	-55~+125	DO-201AD
SR540	40	5.0	120	5.0	0.55	0.2	20	20	280	-55~+125	DO-201AD
SR560	60	5.0	120	5.0	0.7	0.2	20	20	220	-55~+150	DO-201AD
SR5100	100	5.0	120	5.0	0.85	0.1	5	20	180	-55~+150	DO-201AD
SR5150	150	5.0	120	5.0	0.85	0.1	5	20	100	-55~+150	DO-201AD
SR5200	200	5.0	120	5.0	0.85	0.1	5	20	100	-55~+150	DO-201AD
SR820	20	8.0	150	8.0	0.55	0.2	20	15	380	-55~+125	DO-201AD
SR840	40	8.0	150	8.0	0.55	0.2	20	15	380	-55~+125	DO-201AD
SR860	60	8.0	150	8.0	0.7	0.2	20	15	280	-55~+150	DO-201AD
SR8100	100	8.0	150	8.0	0.85	0.1	5	15	270	-55~+150	DO-201AD
SR8150	150	8.0	150	8.0	0.85	0.1	5	15	180	-55~+150	DO-201AD
SR8200	200	8.0	150	8.0	0.85	0.1	5	15	180	-55~+150	DO-201AD
SR140L	40	1.0	25	1.0	0.45	0.2	20	50	80	-55~+125	DO-41
SR160L	60	1.0	25	1.0	0.48	0.2	20	50	70	-55~+150	DO-41
SR1100L	100	1.0	25	1.0	0.7	0.2	20	50	60	-55~+150	DO-41
SR240L	40	2.0	35	2.0	0.44	0.2	20	45	120	-55~+125	DO-15



DO-41



DO-15



DO-201AD

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降	最大反向漏电流		典型热阻	结电容	工作结温	封装 Package	
	V <sub>RM</sub> (V)	I <sub>O</sub> (A)	I <sub>FSM</sub> (A)	Max.Fwd. Voltage @25°C & Rated I <sub>O</sub>	Maximum Reverse Current @ Rated V <sub>RM</sub> & T <sub>C</sub>	@25°C I <sub>R</sub> (mA) @100°C I <sub>R</sub> (mA)	R <sub>θJA</sub> (°C/W)	C <sub>J</sub> (PF)	T <sub>J</sub> (°C)		
SR260L	60	2.0	35	2.0	0.5	0.2	20	45	110	-55~+150	DO-15
SR2100L	100	2.0	35	2.0	0.75	0.2	20	45	80	-55~+150	DO-15
SR340L	40	3.0	55	3.0	0.44	0.2	50	20	220	-55~+125	DO-201AD
SR360L	60	3.0	55	3.0	0.5	0.2	50	20	420	-55~+150	DO-201AD
SR3100L	100	3.0	55	3.0	0.74	0.1	50	20	130	-55~+150	DO-201AD
SR540L	40	5.0	80	5.0	0.48	0.2	50	20	330	-55~+125	DO-201AD
SR560L	60	5.0	80	5.0	0.49	0.2	50	20	420	-55~+150	DO-201AD
SR5100L	100	5.0	80	5.0	0.7	0.1	50	25	190	-55~+150	DO-201AD
SR840L	40	8.0	120	8.0	0.48	0.2	50	15	430	-55~+125	DO-201AD
SR860L	60	8.0	120	8.0	0.5	0.2	50	15	400	-55~+150	DO-201AD
SR8100L	100	8.0	120	8.0	0.7	0.2	50	15	400	-55~+150	DO-201AD
SR1040L	40	10.0	150	10.0	0.48	0.2	50	10	600	-55~+125	DO-201AD
SR1060L	60	10.0	150	10.0	0.48	0.2	50	10	600	-55~+150	DO-201AD
SR10100L	100	10.0	150	10.0	0.75	0.2	50	10	700	-55~+150	DO-201AD
SB1240	40	12.0	275	12.0	0.55	0.45	18	35	900	-55~+200	DO-201AD
MBR1020CT	20	10.0	100	5.0	0.65	0.2	50	25	200	-55~+125	TO-220AB
MBR1040CT	40	10.0	100	5.0	0.65	0.2	50	25	200	-55~+125	TO-220AB
MBR1060CT	60	10.0	100	5.0	0.75	0.2	50	25	200	-55~+150	TO-220AB
MBR10100CT	100	10.0	100	5.0	0.85	0.1	10	25	150	-55~+150	TO-220AB
MBR10150CT	150	10.0	100	5.0	0.9	0.1	10	25	150	-55~+150	TO-220AB
MBR10200CT	200	10.0	100	5.0	0.95	0.1	10	25	150	-55~+150	TO-220AB
MBR1020FCT	20	10.0	100	5.0	0.65	0.2	50	25	200	-55~+125	ITO-220AB
MBR1040FCT	40	10.0	100	5.0	0.65	0.2	50	25	200	-55~+125	ITO-220AB
MBR1060FCT	60	10.0	100	5.0	0.8	0.2	50	25	200	-55~+150	ITO-220AB
MBR10100FCT	100	10.0	100	5.0	0.85	0.1	20	25	150	-55~+150	ITO-220AB
MBR10150FCT	150	10.0	100	5.0	0.9	0.1	20	25	150	-55~+150	ITO-220AB
MBR10200FCT	200	10.0	100	5.0	0.95	0.1	20	25	150	-55~+150	ITO-220AB
MBRL10100FCT100	100	10.0	80	5.0	0.72	0.1	10	25	/	-55~+150	ITO-220AB
MBR2020CT	20	20	150	20	0.65	0.2	50	25	300	-55~+125	TO-220AB
MBR2040CT	40	20	150	20	0.65	0.2	50	25	300	-55~+125	TO-220AB
MBR2060CT	60	20	150	10	0.75	0.2	50	25	300	-55~+150	TO-220AB
MBR20100CT	100	20	150	10	0.85	0.1	20	25	250	-55~+150	TO-220AB
MBR20150CT	150	20	150	10	0.90	0.1	20	25	250	-55~+150	TO-220AB
MBR20200CT	200	20	150	10	0.95	0.1	20	25	250	-55~+150	TO-220AB
MBRL20100CT	100	20	150	10	0.72	0.1	10	25	/	-55~+150	TO-220AB
MBR2020FCT	20	20	150	20	0.65	0.2	50	25	300	-55~+125	ITO-220AB
MBR2040FCT	40	20	150	20	0.65	0.2	50	25	300	-55~+125	ITO-220AB
MBR2060FCT	60	20	150	10	0.75	0.2	50	25	300	-55~+150	ITO-220AB
MBR20100FCT	100	20	150	10	0.85	0.1	20	25	250	-55~+150	ITO-220AB
MBR20150FCT	150	20	150	10	0.95	0.1	20	25	250	-55~+150	ITO-220AB
MBR20200FCT	200	20	150	10	1.02	0.1	20	25	250	-55~+150	ITO-220AB
MBRL20100FCT100	20	150	10	0.72	0.1	10	25	/	-55~+150	ITO-220AB	
MBR3040CT	40	30	200	15	0.65	0.2	50	25	400	-55~+125	TO-220AB
MBR3060CT	60	30	200	15	0.75	0.2	50	25	400	-55~+150	TO-220AB



DO-15



DO-201AD



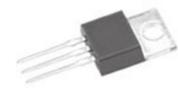
TO-220AB



ITO-220AB

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage V <sub>RM</sub> (V)	Max.Aver. Rect.Current I <sub>O</sub> (A)	Peak Fwd. Surge Current I <sub>FSM</sub> (A)	Max.Fwd. Voltage @25°C & Rated I <sub>O</sub>	VF(V)	Maximum Reverse Current @Rated V <sub>RM</sub> & T <sub>c</sub>	@25°C IR (mA)	@100°C IR (mA)	Typical Thermal Resistance R <sub>θJA</sub> (°C/W)	Typical Junction Capacit. C <sub>J</sub> (PF)	
MBR30100CT	100	30	200	15	0.85	0.1	20	25	350	-55~+150	TO-220AB
MBR30150CT	150	30	200	15	0.85	0.1	20	25	350	-55~+150	TO-220AB
MBR30200CT	200	30	200	15	0.85	0.1	20	25	350	-55~+150	TO-220AB
MBR3060FCT	60	30	200	15	0.75	0.2	50	25	400	-55~+150	ITO-220AB
MBR30100FCT	100	30	200	15	0.85	0.1	20	25	350	-55~+150	ITO-220AB
MBR30150FCT	150	30	200	15	0.9	0.1	20	25	350	-55~+150	ITO-220AB
MBR30200FCT	200	30	200	15	0.95	0.1	20	25	350	-55~+150	ITO-220AB
MBR1060CD	60	10	120	5	0.72	0.05	10	30	600	-55~+175	TO-252
MBR10100CD	100	10	120	5	0.8	0.05	10	30	600	-55~+175	TO-252
MBR10150CD	150	10	120	5	0.85	0.05	10	30	600	-55~+175	TO-252
MBR10200CD	200	10	120	5	0.9	0.05	10	30	600	-55~+175	TO-252
MBR2060CD	60	20	150	10	0.72	0.05	10	30	600	-55~+175	TO-252
MBR20100CD	100	20	150	10	0.8	0.05	10	30	600	-55~+175	TO-252
MBR20150CD	150	20	150	10	0.85	0.05	10	30	600	-55~+175	TO-252
MBR20200CD	200	20	150	10	0.9	0.05	10	30	600	-55~+175	TO-252
MBR2045PT	45	20	150	20	0.84	0.1	15	20	400	-55~+150	TO-3P/TO-247AD
MBR2060PT	60	20	150	10	0.80	0.1	10	20	310	-55~+150	TO-3P/TO-247AD
MBR2090PT	90	20	150	10	0.85	0.1	10	20	310	-55~+150	TO-3P/TO-247AD
MBR20100PT	100	20	150	10	0.85	0.1	10	20	310	-55~+150	TO-3P/TO-247AD
MBR20150PT	150	20	150	10	0.90	0.1	10	20	310	-55~+150	TO-3P/TO-247AD
MBR20200PT	200	20	200	10	0.95	0.1	10	20	310	-55~+150	TO-3P/TO-247AD
MBR3045PT	45	30	200	30	0.82	1.0	20	20	700	-55~+150	TO-3P/TO-247AD
MBR3060PT	60	30	200	15	0.75	1.0	15	20	700	-55~+150	TO-3P/TO-247AD
MBR3090PT	90	30	200	15	0.85	0.5	10	20	700	-55~+150	TO-3P/TO-247AD
MBR30100PT	100	30	200	15	0.85	0.5	10	20	700	-55~+150	TO-3P/TO-247AD
MBR30150PT	150	30	200	15	0.95	0.5	10	20	700	-55~+150	TO-3P/TO-247AD
MBR30200PT	200	30	200	15	0.95	0.5	10	20	700	-55~+150	TO-3P/TO-247AD
MBR4045PT	45	40	330	20	0.75	1.0	30	20	1100	-55~+150	TO-3P/TO-247AD
MBR4060PT	60	40	330	20	0.77	1.0	20	20	1100	-55~+150	TO-3P/TO-247AD
MBR4090PT	90	40	330	20	0.84	0.5	10	20	1100	-55~+150	TO-3P/TO-247AD
MBR40100PT	100	40	330	20	0.84	0.5	10	20	1100	-55~+150	TO-3P/TO-247AD
MBR40150PT	150	40	330	20	0.95	0.5	10	20	1100	-55~+150	TO-3P/TO-247AD
MBR40200PT	200	40	330	20	0.95	0.5	10	20	1100	-55~+150	TO-3P/TO-247AD
S12	20	1.0	30	1.0	0.5	0.5	10	70	50	-55~+125	SOD-123FL
S14	40	1.0	30	1.0	0.5	0.5	10	70	50	-55~+125	SOD-123FL
S16	60	1.0	30	1.0	0.7	0.5	10	70	50	-55~+150	SOD-123FL
S110	100	1.0	30	1.0	0.85	0.1	5	70	50	-55~+150	SOD-123FL
S115	150	1.0	30	1.0	0.9	0.1	5	70	50	-55~+150	SOD-123FL
S120	200	1.0	30	1.0	0.9	0.1	5	70	50	-55~+150	SOD-123FL
S22	20	2.0	40	2.0	0.5	0.5	10	70	130	-55~+125	SOD-123FL



TO-220AB



ITO-220AB



TO-252



TO-3P/TO-247AD



SOD-123FL



SOD-123FL



SMAF

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		热阻系数	结电容	工作结温	封装 Package
	Max.Reverse Voltage V <sub>RM</sub> (V)	Max.Aver. Rect.Current I <sub>O</sub> (A)	Peak Fwd. Surge Current I <sub>FSM</sub> (A)	Max.Fwd. Voltage @25°C & Rated I <sub>O</sub>	VF(V)	Maximum Reverse Current @Rated V <sub>RM</sub> & T <sub>c</sub>	@25°C IR (mA)	@100°C IR (mA)	Typical Thermal Resistance R <sub>θJA</sub> (°C/W)	Typical Junction Capacit. C <sub>J</sub> (PF)	
S24	40	2.0	40	2.0	0.5	0.5	10	70	130	-55~+125	SOD-123FL
S26	60	2.0	40	2.0	0.7	0.5	5.0	70	130	-55~+150	SOD-123FL
S210	100	2.0	40	2.0	0.85	0.1	5.0	70	130	-55~+150	SOD-123FL
S215	150	2.0	40	2.0	0.9	0.1	5.0	70	130	-55~+150	SOD-123FL
S220	220	2.0	40	2.0	0.9	0.1	5.0	70	130	-55~+150	SOD-123FL
S32	20	3.0	65	3.0	0.5	0.5	10	70	165	-55~+125	SOD-123FL
S34	40	3.0	65	3.0	0.5	0.5	10	70	165	-55~+125	SOD-123FL
S36	60	3.0	65	3.0	0.7	0.5	5.0	70	165	-55~+150	SOD-123FL
S310	100	3.0	65	3.0	0.85	0.1	5.0	70	165	-55~+150	SOD-123FL
S315	150	3.0	65	3.0	0.9	0.1	5.0	70	165	-55~+150	SOD-123FL
S320	220	3.0	65	3.0	0.9	0.1	5.0	70	165	-55~+150	SOD-123FL
SL14	40	1.0	28	1.0	0.4	0.5	10	70	100	-55~+150	SOD-123FL
SL16	60	1.0	28	1.0	0.55	0.5	10	70	100	-55~+150	SOD-123FL
SL110	100	1.0	28	1.0	0.6	0.5	10	70	100	-55~+150	SOD-123FL
SL24	40	2.0	50	2.0	0.47	0.5	10	70	180	-55~+125	SOD-123FL
SL26	60	2.0	50	2.0	0.55	0.5	10	70	180	-55~+150	SOD-123FL
SL210	100	2.0	50	2.0	0.72	0.5	10	70	180	-55~+150	SOD-123FL
SL34	40	3.0	60	3.0	0.45	0.5	10	70	250	-55~+150	SOD-123FL
SL36	60	3.0	60	3.0	0.5	0.5	10	70	250	-55~+150	SOD-123FL
SL310	100	3.0	60	3.0	0.60	0.5	10	70	250	-55~+150	SOD-123FL
S22F	20	2.0	40	2.0	0.5	0.5	10	65	130	-55~+125	SMAF
S24F	40	2.0	40	2.0	0.5	0.5	10	65	130	-55~+150	SMAF
S26F	60	2.0	40	2.0	0.7	0.5	10	65	90	-55~+150	SMAF
S210F	100	2.0	40	2.0	0.85	0.1	5	65	70	-55~+150	SMAF
S215F	150	2.0	40	2.0	0.9	0.1	5	65	40	-55~+150	SMAF
S220F	200	2.0	40	2.0	0.9	0.1	5	65	40	-55~+150	SMAF
S32F	20	3.0	70	3.0	0.5	0.5	10	65	175	-55~+125	SMAF
S34F	40	3.0	70	3.0	0.5	0.5	10	65	175	-55~+125	SMAF
S36F	60	3.0	70	3.0	0.7	0.5	10	65	130	-55~+150	SMAF
S310F	100	3.0	70	3.0	0.85	0.1	5	65	110	-55~+150	SMAF
S315F	150	3.0	70	3.0	0.9	0.1	5	65	90	-55~+150	SMAF
S320F	200	3.0	70	3.0	0.9	0.1	5	65	90	-55~+150	SMAF
SL24F	40	2.0	50	2.0	0.47	0.5	10	65	110	-55~+125	SMAF
SL245F	45	2.0	50	2.0	0.47	0.5	10	65	110	-55~+150	SMAF
SL26F	60	2.0	50	2.0	0.55	0.5	10	65	95	-55~+150	SMAF
SL210F	100	2.0	50	2.0	0.72	0.1	5	65	63	-55~+150	SMAF
SL34F	40	3.0	60	3.0	0.45	0.5	10	65	200	-55~+150	SMAF
SL345F	45	3.0	60	3.0	0.45	0.5	10	65	200	-55~+150	SMAF
SL36F	60	3.0	60	3.0	0.50	0.5	10	65	170	-55~+150	SMAF
SL310F	100	3.0	60	3.0	0.60	0.1	5	65	115	-55~+150	SMAF
SL54F	40	5.0	100	5.0	0.45	0.5	10	65	320	-55~+150	SMAF
SL545F	45	5.0	100	5.0	0.45	0.5	10	65	320	-55~+150	SMAF

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C &Rated I <sub>o</sub>	VF(V)	Maximum Reverse Current@Rated VRM&Tc	@100°C IR (mA)	Typical Thermal Resistance	Typical Junction Capacit.	Operating Temp.Range	
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A)		@25°C IR (mA)	@100°C IR (mA)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
SL56F	60	5.0	100	5.0	0.50	0.5	10	65	275	-55~+150	SMAF
SL510F	100	5.0	100	5.0	0.65	0.1	9	65	675	-55~+150	SMAF
S52F	20	5.0	100	5.0	0.6	0.5	10	65	260	-55~+125	SMAF
S54F	40	5.0	100	5.0	0.6	0.5	10	65	260	-55~+125	SMAF
S56F	60	5.0	100	5.0	0.7	0.5	10	65	210	-55~+150	SMAF
S510F	100	5.0	100	5.0	0.85	0.1	5.0	65	160	-55~+150	SMAF
S515F	150	5.0	100	5.0	0.9	0.1	5.0	65	85	-55~+150	SMAF
S520F	200	5.0	100	5.0	0.9	0.1	5.0	65	85	-55~+150	SMAF
SS12	20	1.0	30	1.0	0.55	0.2	20	85	50	-55~+125	SMA-W
SS14	40	1.0	30	1.0	0.55	0.2	20	85	50	-55~+125	SMA-W
SS16	60	1.0	30	1.0	0.7	0.2	20	85	50	-55~+150	SMA-W
SS110	100	1.0	30	1.0	0.85	0.1	5.0	85	50	-55~+150	SMA-W
SS115	150	1.0	30	1.0	0.9	0.1	5.0	85	50	-55~+150	SMA-W
SS120	200	1.0	30	1.0	0.9	0.1	5.0	85	50	-55~+150	SMA-W
SS12A	20	1.0	30	1.0	0.5	0.5	10	65	50	-55~+125	SMA
SS14A	40	1.0	30	1.0	0.5	0.5	10	65	50	-55~+125	SMA
SS16A	60	1.0	30	1.0	0.7	0.5	5.0	65	50	-55~+150	SMA
SS110A	100	1.0	30	1.0	0.85	0.1	5.0	65	50	-55~+150	SMA
SS115A	150	1.0	30	1.0	0.9	0.1	5.0	65	50	-55~+150	SMA
SS120A	200	1.0	30	1.0	0.9	0.1	5.0	65	50	-55~+150	SMA
SS22A	20	2.0	50	2.0	0.5	0.5	10	75	100	-55~+125	SMA
SS24A	40	2.0	50	2.0	0.5	0.5	10	75	100	-55~+125	SMA
SS26A	60	2.0	50	2.0	0.7	0.5	10	75	100	-55~+150	SMA
SS210A	100	2.0	50	2.0	0.85	0.1	5.0	75	100	-55~+150	SMA
SS215A	150	2.0	50	2.0	0.9	0.1	5.0	75	100	-55~+150	SMA
SS220A	200	2.0	50	2.0	0.9	0.1	5.0	75	100	-55~+150	SMA
SS32A	20	3.0	70	3.0	0.5	0.5	10	55	150	-55~+125	SMA
SS34A	40	3.0	70	3.0	0.5	0.5	10	55	150	-55~+125	SMA
SS36A	60	3.0	70	3.0	0.7	0.5	10	55	150	-55~+150	SMA
SS310A	100	3.0	70	3.0	0.85	0.1	5.0	55	150	-55~+150	SMA
SS315A	150	3.0	70	3.0	0.9	0.1	5.0	55	150	-55~+150	SMA
SS320A	200	3.0	70	3.0	0.9	0.1	5.0	55	150	-55~+150	SMA
SSL14A	40	1.0	28	1.0	0.4	0.5	10	60	60	-55~+150	SMA
SSL16A	60	1.0	28	1.0	0.55	0.5	10	60	60	-55~+150	SMA
SSL110A	100	1.0	28	1.0	0.60	0.5	10	60	60	-55~+150	SMA
SSL24A	40	2.0	50	2.0	0.47	0.5	10	60	120	-55~+150	SMA
SSL26A	60	2.0	50	2.0	0.55	0.5	10	60	120	-55~+150	SMA
SSL210A	100	2.0	50	2.0	0.75	0.5	10	60	120	-55~+150	SMA
SSL34A	40	3.0	60	3.0	0.45	0.5	10	65	250	-55~+150	SMA
SSL36A	60	3.0	60	3.0	0.50	0.5	10	65	250	-55~+150	SMA
SSL310A	100	3.0	60	3.0	0.60	0.5	10	65	250	-55~+150	SMA
SS22	20	2.0	50	2.0	0.5	0.5	10	75	130	-55~+125	SMB



SMAF



SMA-W



SMA



SMB



SMB



SMC

**肖特基二极管**  
**SCHOTTKY DIODE**

型号 TYPE NO.	最大反向峰值电压	最大正向电流	最大正向浪涌电流	最大正向压降		最大反向漏电流		典型热阻	结电容	工作结温	封装 Package
	Max.Reverse Voltage	Max.Aver. Rect.Current	Peak Fwd. Surge Current	Max.Fwd. Voltage @25°C &Rated I <sub>o</sub>	VF(V)	Maximum Reverse Current@Rated VRM&Tc	@25°C IR (uA)	@100°C IR (uA)	R <sub>θJA</sub> (°C/W)	Typical Junction Capacit.	
	V <sub>RM</sub> (V)	I <sub>o</sub> (A)	I <sub>FSM</sub> (A)	Rated I <sub>o</sub> (A)		@25°C IR (uA)	@100°C IR (uA)	R <sub>θJA</sub> (°C/W)	C <sub>j</sub> (PF)	T <sub>j</sub> (°C)	
SS24	40	2.0	50	2.0	0.5	0.5	10	75	130	-55~+125	SMB
SS26	60	2.0	50	2.0	0.7	0.5	10	75	90	-55~+150	SMB
SS210	100	2.0	50	2.0	0.85	0.1	5.0	75	70	-55~+150	SMB
SS215	150	2.0	50	2.0	0.9	0.1	5.0	75	40	-55~+150	SMB
SS220	200	2.0	50	2.0	0.9	0.1	5.0	75	40	-55~+150	SMB
SS32B	20	3.0	70	3.0	0.5	0.5	10	55	170	-55~+125	SMB
SS34B	40	3.0	70	3.0	0.5	0.5	10	55	170	-55~+125	SMB
SS36B	60	3.0	70	3.0	0.7	0.5	10	55	130	-55~+150	SMB
SS310B	100	3.0	70	3.0	0.85	0.1	5.0	55	110	-55~+150	SMB
SS315B	150	3.0	70	3.0	0.9	0.1	5.0	55	90	-55~+150	SMB
SS320B	200	3.0	70	3.0	0.9	0.1	5.0	55	90	-55~+150	SMB
SS52B	20	5.0	100	5.0	0.6	0.5	10	58	260	-55~+125	SMB
SS54B	40	5.0	100	5.0	0.6	0.5	10	58	260	-55~+125	SMB
SS56B	60	5.0	100	5.0	0.7	0.5	10	58	210	-55~+150	SMB
SS510B	100	5.0	100	5.0	0.85	0.1	5.0	58	160	-55~+150	SMB
SS515B	150	5.0	100	5.0	0.9	0.1	5.0	58	85	-55~+150	SMB
SS520B	200	5.0	100	5.0	0.9	0.1	5.0	58	85	-55~+150	SMB
SSL24	40	2.0	50	2.0	0.47	0.5	10	65	110	-55~+150	SMB
SSL245	45	2.0	50	2.0	0.47	0.5	10	65	110	-55~+150	SMB
SSL26	60	2.0	50	2.0	0.55	0.5	10	65	95	-55~+150	SMB
SSL210	100	2.0	50	2.0	0.75	0.1	5	65	63	-55~+150	SMB
SSL34B	40	3.0	60	3.0	0.45	0.5	10	65	250	-55~+150	SMB
SSL345B	45	3.0	60	3.0	0.45	0.5	10	65	250	-55~+150	SMB
SSL36B	60	3.0	60	3.0	0.50	0.5	10	65	250	-55~+150	SMB
SSL310B	100	3.0	60	3.0	0.60	0.1	5	65	250	-55~+150	SMB
SSL54B	40	5.0	100	5.0	0.45	0.5	10	65	320	-55~+150	SMB
SSL545B	45	5.0	100	5.0	0.45	0.5	10	65	320	-55~+150	SMB
SSL56B	60	5.0	100	5.0	0.50	0.5	10	65	275	-55~+150	SMB
SSL510B	100	5.0	100	5.0	0.7	0.1	9	65	675	-55~+150	SMB
SS32	20	3.0	70	3.0	0.5	0.2	20	48	180	-55~+125	SMC
SS34	40	3.0	70	3.0	0.5	0.2	20	48	180	-55~+125	SMC
SS36	60	3.0	70	3.0	0.7	0.2	20	48	150	-55~+150	SMC
SS310	100	3.0	70	3.0	0.85	0.1	5.0	48	130	-55~+150	SMC
SS315	150	3.0	70	3.0	0.9	0.1	5.0	48	80	-55~+150	SMC
SS320	200	3.0	70	3.0	0.9	0.1	5.0	48	80	-55~+150	SMC
SS52	20	5.0	100	5.0	0.55	0.2	20	47	280	-55~+125	SMC
SS54	40	5.0	100	5.0	0.6	0.2	20	47	280	-55~+125	SMC
SS56	60	5.0	100	5.0	0.7	0.1	5	47	220	-55~+150	SMC
SS510	100	5.0	100	5.0	0.85	0.1	5	47	180	-55~+150	SMC
SS515	150	5.0	100	5.0	0.9	0.1	5	47	100	-55~+150	SMC
SS520	200	5.0	100	5.0	0.9	0.1	5	47	100	-55~+150	SMC
SS82	20	8.0	120	8.0	0.55	0.2	20	45	450	-55~+125	SMC

SCHOTTKY DIODE

SCHOTTKY DIODE

肖特基二极管  
SCHOTTKY DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C & Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		热阻系数 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	@25°C IR (mA)	@100°C IR (mA)	R θJA/R θJC(°C/W)	Cj(PF)	Tj(°C)	
SS84	40	8.0	120	8.0	0.6	0.2	20	45	450	-55~+125	SMC
SS86	60	8.0	120	8.0	0.7	0.2	20	45	350	-55~+150	SMC
SS810	100	8.0	120	8.0	0.85	0.1	5	45	270	-55~+150	SMC
SS815	150	8.0	120	8.0	0.95	0.1	5	45	180	-55~+150	SMC
SS820	200	8.0	120	8.0	0.95	0.1	5	45	180	-55~+150	SMC
SSL34	40	3.0	60	3.0	0.45	0.5	50	48	220	-55~+125	SMC
SSL36	60	3.0	60	3.0	0.50	0.5	50	48	180	-55~+150	SMC
SSL310	100	3.0	60	3.0	0.60	0.5	50	48	130	-55~+150	SMC
SSL54	40	5.0	100	5.0	0.45	0.5	50	47	330	-55~+125	SMC
SSL56	60	5.0	100	5.0	0.50	0.5	50	47	220	-55~+150	SMC
SSL510	100	5.0	100	5.0	0.7	0.5	50	47	680	-55~+150	SMC
SSL84	40	8.0	120	8.0	0.48	0.5	50	45	430	-55~+125	SMC
SSL86	60	8.0	120	8.0	0.50	0.5	50	45	400	-55~+150	SMC
SSL810	100	8.0	120	8.0	0.80	0.5	50	45	400	-55~+150	SMC
SS5U45	45	5.0	120	5.0	0.5	0.5	50	12	/	-55~+125	TO-277
SS5U60	60	5.0	120	5.0	0.52	0.5	50	12	/	-55~+150	TO-277
SS5U100	100	5.0	120	5.0	0.6	0.5	50	12	/	-55~+150	TO-277
SS8U45	45	8.0	150	8.0	0.48	0.5	50	10	/	-55~+125	TO-277
SS8U60	60	8.0	150	8.0	0.53	0.5	50	10	/	-55~+150	TO-277
SS8U100	100	8.0	150	8.0	0.65	0.5	50	10	/	-55~+150	TO-277
SS10U45	45	10.0	200	10.0	0.47	0.5	50	10	/	-55~+125	TO-277
SS10U60	60	10.0	150	10.0	0.55	0.5	50	10	/	-55~+150	TO-277
SS10U100	100	10.0	150	10.0	0.65	0.5	50	10	/	-55~+150	TO-277
SS15U45	45	15.0	275	15.0	0.47	0.5	100	8	/	-55~+150	TO-277
SS15U60	60	15.0	275	15.0	0.55	0.5	50	8	/	-55~+150	TO-277
SS15U100	100	15.0	275	15.0	0.8	0.5	50	8	/	-55~+150	TO-277



SMC



TO-277

光伏二极管  
PV DIODE

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大正向电流 Max.Aver. Rect.Current	最大正向浪涌电流 Peak Fwd. Surge Current	最大正向压降 Max.Fwd. Voltage @25°C & Rated Io		最大反向漏电流 Maximum Reverse Current@Rated VRM&Tc		典型热阻 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp.Range	封装 Package
	VRM(V)	Io(A)	Ifsm(A)	Rated Io(A)	VF(V)	@25°C IR (mA)	@100°C IR (mA)	R θJC(°C/W)	Cj(PF)	Tj(°C)	
GF2045MG	45	20.0	325	20.0	0.55	0.5	50	2.0	2000	-55~+200	TO-263
GF3045MG	45	30.0	375	30.0	0.55	0.5	50	2.0	2000	-55~+200	TO-263
GF2045MG	45	20.0	275	20.0	0.53	0.1	7	2.0	5000	-55~+200	TO-263
GF3045MG	45	30.0	315	30.0	0.5	0.1	7	2.0	5000	-55~+200	TO-263
12SQ045	45	12.0	275	12.0	0.55	0.5	20	2.5	2000	-55~+200	R-6
15SQ045	45	15.0	325	15.0	0.5	0.5	50	2.5	2000	-55~+200	R-6
20SQ045	45	20.0	375	20.0	0.51	0.5	50	2.5	2000	-55~+200	R-6
25SQ045	45	25.0	380	25.0	0.52	0.5	50	2.5	2000	-55~+200	R-6
30SQ045	45	30.0	380	30.0	0.55	0.5	50	2.5	2000	-55~+200	R-6
12SQ045	45	12.0	235	12.0	0.5	0.1	5	2.5	5000	-55~+200	R-6
15SQ045	45	15.0	275	15.0	0.48	0.1	7	2.5	5000	-55~+200	R-6
20SQ045	45	20.0	315	20.0	0.48	0.1	7	2.5	5000	-55~+200	R-6
12SQ045	45	12.0	275	12.0	0.55	0.5	20	2.2	2000	-55~+200	R-7
15SQ045	45	15.0	325	15.0	0.5	0.5	50	2.2	2000	-55~+200	R-7
20SQ045	45	20.0	375	20.0	0.51	0.5	50	2.2	2000	-55~+200	R-7
25SQ045	45	25.0	380	25.0	0.52	0.5	50	2.2	2000	-55~+200	R-7
30SQ045	45	30.0	380	30.0	0.55	0.5	50	2.2	2000	-55~+200	R-7
12SQ045	45	12.0	235	12.0	0.5	0.1	5	2.2	5000	-55~+200	R-7
15SQ045	45	15.0	275	15.0	0.48	0.1	7	2.2	5000	-55~+200	R-7
20SQ045	45	20.0	315	20.0	0.48	0.1	7	2.2	5000	-55~+200	R-7
12SQ045	45	12.0	275	12.0	0.55	0.5	20	2.0	2000	-55~+200	R-5
12SQ045	45	12.0	235	12.0	0.5	0.1	5	2.0	5000	-55~+200	R-5
GFMK3045T	45	30	275	30	0.55	0.1	7	1.6	5000	-55~+200	GF009



TO-263



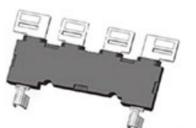
R-6



R-7



R-5



GF009

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @PP	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMF5.0A	SMF5.0CA	200	6.40	7.07	10.0	400	5.0	21.7	9.2	30	-55~+150	SOD-123FL
SMF6.0A	SMF6.0CA	200	6.67	7.37	10.0	400	6.0	19.4	10.3	30	-55~+150	SOD-123FL
SMF6.5A	SMF6.5CA	200	7.22	7.98	10.0	250	6.5	17.9	11.2	30	-55~+150	SOD-123FL
SMF7.0A	SMF7.0CA	200	7.78	8.60	10.0	100	7.0	16.7	12.0	30	-55~+150	SOD-123FL
SMF7.5A	SMF7.5CA	200	8.33	9.21	1.0	50	7.5	15.5	12.9	30	-55~+150	SOD-123FL
SMF8.0A	SMF8.0CA	200	8.89	9.83	1.0	25	8.0	14.7	13.6	30	-55~+150	SOD-123FL
SMF8.5A	SMF8.5CA	200	9.44	10.40	1.0	10.0	8.5	13.9	14.4	30	-55~+150	SOD-123FL
SMF9.0A	SMF9.0CA	200	10.11	11.10	1.0	5.0	9.0	13.0	15.4	30	-55~+150	SOD-123FL
SMF10A	SMF10CA	200	11.10	12.30	1.0	2.5	10.0	11.8	17.0	30	-55~+150	SOD-123FL
SMF11A	SMF11CA	200	12.20	13.50	1.0	2.5	11.0	11.0	18.2	30	-55~+150	SOD-123FL
SMF12A	SMF12CA	200	13.30	14.70	1.0	2.5	12.0	10.1	19.9	30	-55~+150	SOD-123FL
SMF13A	SMF13CA	200	14.40	15.90	1.0	1.0	13.0	9.3	21.5	30	-55~+150	SOD-123FL
SMF14A	SMF14CA	200	15.60	17.20	1.0	1.0	14.0	8.6	23.2	30	-55~+150	SOD-123FL
SMF15A	SMF15CA	200	16.70	18.50	1.0	1.0	15.0	8.2	24.4	30	-55~+150	SOD-123FL
SMF16A	SMF16CA	200	17.80	19.70	1.0	1.0	16.0	7.7	26.0	30	-55~+150	SOD-123FL
SMF17A	SMF17CA	200	18.90	20.90	1.0	1.0	17.0	7.2	27.6	30	-55~+150	SOD-123FL
SMF18A	SMF18CA	200	20.00	22.10	1.0	1.0	18.0	6.8	29.2	30	-55~+150	SOD-123FL
SMF20A	SMF20CA	200	22.20	24.50	1.0	1.0	20.0	6.2	32.4	30	-55~+150	SOD-123FL
SMF22A	SMF22CA	200	24.40	26.90	1.0	1.0	22.0	5.6	35.5	30	-55~+150	SOD-123FL
SMF24A	SMF24CA	200	26.70	29.50	1.0	1.0	24.0	5.1	38.9	30	-55~+150	SOD-123FL
SMF26A	SMF26CA	200	28.90	31.90	1.0	1.0	26.0	4.8	42.1	30	-55~+150	SOD-123FL
SMF28A	SMF28CA	200	31.10	34.40	1.0	1.0	28.0	4.4	45.4	30	-55~+150	SOD-123FL
SMF30A	SMF30CA	200	33.30	36.80	1.0	1.0	30.0	4.1	48.4	30	-55~+150	SOD-123FL
SMF33A	SMF33CA	200	36.70	40.60	1.0	1.0	33.0	3.8	53.3	30	-55~+150	SOD-123FL
SMF36A	SMF36CA	200	40.00	44.20	1.0	1.0	36.0	3.4	58.1	30	-55~+150	SOD-123FL
SMF40A	SMF40CA	200	44.40	49.10	1.0	1.0	40.0	3.1	64.5	30	-55~+150	SOD-123FL
SMF43A	SMF43CA	200	47.80	52.80	1.0	1.0	43.0	2.9	69.4	30	-55~+150	SOD-123FL
SMF45A	SMF45CA	200	50.00	55.30	1.0	1.0	45.0	2.8	72.7	30	-55~+150	SOD-123FL
SMF48A	SMF48CA	200	53.30	58.90	1.0	1.0	48.0	2.6	77.4	30	-55~+150	SOD-123FL
SMF51A	SMF51CA	200	56.70	62.70	1.0	1.0	51.0	2.4	82.4	30	-55~+150	SOD-123FL
SMF54A	SMF54CA	200	60.00	66.30	1.0	1.0	54.0	2.3	87.1	30	-55~+150	SOD-123FL
SMF58A	SMF58CA	200	64.40	71.20	1.0	1.0	58.0	2.1	93.6	30	-55~+150	SOD-123FL
SMF60A	SMF60CA	175	66.70	73.70	1.0	1.0	60.0	1.8	96.8	30	-55~+150	SOD-123FL
SMF64A	SMF64CA	175	71.10	78.60	1.0	1.0	64.0	1.7	103.0	30	-55~+150	SOD-123FL
SMF70A	SMF70CA	175	77.80	86.00	1.0	1.0	70.0	1.5	113.0	30	-55~+150	SOD-123FL
SMF75A	SMF75CA	175	83.30	92.10	1.0	1.0	75.0	1.4	121.0	30	-55~+150	SOD-123FL
SMF78A	SMF78CA	175	86.70	95.80	1.0	1.0	78.0	1.4	126.0	30	-55~+150	SOD-123FL
SMF85A	SMF85CA	175	94.40	104.00	1.0	1.0	85.0	1.3	137.0	30	-55~+150	SOD-123FL
SMF90A	SMF90CA	175	100.00	111.00	1.0	1.0	90.0	1.2	146.0	30	-55~+150	SOD-123FL
SMF100A	SMF100CA	175	111.00	123.00	1.0	1.0	100.0	1.1	162.0	30	-55~+150	SOD-123FL
SMF110A	SMF110CA	175	122.00	135.00	1.0	1.0	110.0	1.0	177.0	30	-55~+150	SOD-123FL
SMF120A	SMF120CA	175	133.00	147.00	1.0	1.0	120.0	0.9	193.0	30	-55~+150	SOD-123FL
SMF130A	SMF130CA	175	144.00	159.00	1.0	1.0	130.0	0.8	209.0	30	-55~+150	SOD-123FL
SMF150A	SMF150CA	175	167.00	185.00	1.0	1.0	150.0	0.7	243.0	30	-55~+150	SOD-123FL



SOD-123FL

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @PP	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMF160A	SMF160CA	175	178.00	197.00	1.0	1.0	160.0	0.7	259.0	30	-55~+150	SOD-123FL
SMF170A	SMF170CA	175	189.00	209.00	1.0	1.0	170.0	0.6	275.0	30	-55~+150	SOD-123FL
P4KE6.8	P4KE6.8C	400	6.1	7.5	10	1000	5.5	37.0	10.8	40	-55~+150	DO-41
P4KE6.8A	P4KE6.8CA	400	6.5	7.1	10	1000	5.8	38.1	10.5	40	-55~+150	DO-41
P4KE7.5	P4KE7.5C	400	6.8	8.3	10	500	6.1	34.2	11.7	40	-55~+150	DO-41
P4KE7.5A	P4KE7.5CA	400	7.1	7.9	10	500	6.4	35.4	11.3	40	-55~+150	DO-41
P4KE8.2	P4KE8.2C	400	7.4	9.0	10	200	6.6	32.0	12.5	40	-55~+150	DO-41
P4KE8.2A	P4KE8.2CA	400	7.8	8.6	10	200	7.0	33.1	12.1	40	-55~+150	DO-41
P4KE9.1	P4KE9.1C	400	8.3	10.0	1.0	50	7.4	29.0	13.8	40	-55~+150	DO-41
P4KE9.1A	P4KE9.1CA	400	8.7	9.6	1.0	50	7.8	29.9	13.4	40	-55~+150	DO-41
P4KE10	P4KE10C	400	9.0	11.0	1.0	10	8.1	26.7	15.0	40	-55~+150	DO-41
P4KE10A	P4KE10CA	400	9.5	10.5	1.0	10	8.6	27.6	14.5	40	-55~+150	DO-41
P4KE11	P4KE11C	400	9.9	12.1	1.0	5.0	8.9	24.7	16.2	40	-55~+150	DO-41
P4KE11A	P4KE11CA	400	10.5	11.6	1.0	5.0	9.4	25.6	15.6	40	-55~+150	DO-41
P4KE12	P4KE12C	400	10.8	13.2	1.0	5.0	9.7	23.1	17.3	40	-55~+150	DO-41
P4KE12A	P4KE12CA	400	11.4	12.6	1.0	5.0	10.2	24.0	16.3	40	-55~+150	DO-41
P4KE13	P4KE13C	400	11.7	14.3	1.0	5.0	10.5	21.1	19.0	40	-55~+150	DO-41
P4KE13A	P4KE13CA	400	12.4	13.7	1.0	5.0	11.1	22.0	18.2	40	-55~+150	DO-41
P4KE15	P4KE15C	400	13.5	16.5	1.0	5.0	12.1	18.2	22.0	40	-55~+150	DO-41
P4KE15A	P4KE15CA	400	14.3	15.8	1.0	5.0	12.8	18.9	21.2	40	-55~+150	DO-41
P4KE16	P4KE16C	400	14.4	17.6	1.0	5.0	12.9	17.0	23.5	40	-55~+150	DO-41
P4KE16A	P4KE16CA	400	15.2	16.8	1.0	5.0	13.6	17.8	22.5	40	-55~+150	DO-41
P4KE18	P4KE18C	400	16.2	19.8	1.0	5.0	14.5	15.1	26.5	40	-55~+150	DO-41
P4KE18A	P4KE18CA	400	17.1	18.9	1.0	5.0	15.3	15.9	25.2	40	-55~+150	DO-41
P4KE20	P4KE20C	400	18.0	22.0	1.0	5.0	16.2	13.7	29.1	40	-55~+150	DO-41
P4KE20A	P4KE20CA	400	19.0	21.0	1.0	5.0	17.1	14.4	27.7	40	-55~+150	DO-41
P4KE22	P4KE22C	400	19.8	24.2	1.0	5.0	17.8	12.5	31.9	40	-55~+150	DO-41
P4KE22A	P4KE22CA	400	20.9	23.1	1.0	5.0	18.8	13.1	30.6	40	-55~+150	DO-41
P4KE24	P4KE24C	400	21.6	26.4	1.0	5.0	19.4	11.5	34.7	40	-55~+150	DO-41
P4KE24A	P4KE24CA	400	22.8	25.2	1.0	5.0	20.5	12.0	33.2	40	-55~+150	DO-41
P4KE27	P4KE27C	400	24.3	29.7	1.0	5.0	21.8	10.2	39.1	40	-55~+150	DO-41
P4KE27A	P4KE27CA	400	25.7	28.4	1.0	5.0	23.1	10.7	37.5	40	-55~+150	DO-41
P4KE30	P4KE30C	400	27.0	33.0	1.0	5.0	24.3	9.2	43.5	40	-55~+150	DO-41
P4KE30A	P4KE30CA	400	28.5	31.5	1.0	5.0	25.6	9.7	41.4	40	-55~+150	DO-41
P4KE33	P4KE33C	400	29.7	36.3	1.0	5.0	26.8	8.4	47.7	40	-55~+150	DO-41
P4KE33A	P4KE33CA	400	31.4	34.7	1.0	5.0	28.2	8.8	45.7	40	-55~+150	DO-41
P4KE36	P4KE36C	400	32.4	39.6	1.0	5.0	29.1	7.7	52.0	40	-55~+150	DO-41
P4KE36A	P4KE36CA	400	34.2	37.8	1.0	5.0	30.8	8.0	49.9	40	-55~+150	DO-41
P4KE39	P4KE39C	400	35.1	42.9	1.0	5.0	31.6	7.1	56.4	40	-55~+150	DO-41
P4KE39A	P4KE39CA	400	37.1	41.0	1.0	5.0	33.3	7.4	52.9	40	-55~+150	DO-41
P4KE43	P4KE43C	400	38.7	47.3	1.0	5.0	34.8	6.5	61.9	40	-55~+150	DO-41
P4KE43A	P4KE43CA	400	40.9	45.2	1.0	5.0	36.8	6.7	59.3	40	-55~+150	DO-41
P4KE47	P4KE47C	400	42.3	51.7	1.0	5.0	38.1	5.9	67.8	40	-55~+150	DO-41
P4KE47A	P4KE47CA	400	44.7	49.4	1.0	5.0	40.2	6.2	64.8	40	-55~+150	DO-41



SOD-123FL



DO-41

瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @Ipp	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	Ppk(w)	Min.(V) Max.(V) Ir(mA)	(μA)	VRWM(V)	I PP(A)	(V)	(A)	Tj(°C)	Package	
P4KE51	P4KE51C	400	45.9 56.1	1.0	5.0	41.3	5.4	73.5	40	-55~+150	DO-41
P4KE51A	P4KE51CA	400	48.5 53.6	1.0	5.0	43.6	5.7	70.1	40	-55~+150	DO-41
P4KE56	P4KE56C	400	50.4 61.6	1.0	5.0	45.4	5.0	80.5	40	-55~+150	DO-41
P4KE56A	P4KE56CA	400	53.2 58.8	1.0	5.0	47.8	5.2	77.0	40	-55~+150	DO-41
P4KE62	P4KE62C	400	55.8 68.2	1.0	5.0	50.2	4.5	89.0	40	-55~+150	DO-41
P4KE62A	P4KE62CA	400	58.9 65.1	1.0	5.0	53.0	4.7	85.0	40	-55~+150	DO-41
P4KE68	P4KE68C	400	61.2 74.8	1.0	5.0	55.1	4.1	98.0	40	-55~+150	DO-41
P4KE68A	P4KE68CA	400	64.6 71.4	1.0	5.0	58.1	4.3	92.0	40	-55~+150	DO-41
P4KE75	P4KE75C	400	67.5 82.5	1.0	5.0	60.7	3.7	108.0	40	-55~+150	DO-41
P4KE75A	P4KE75CA	400	71.3 78.8	1.0	5.0	64.1	3.9	103.0	40	-55~+150	DO-41
P4KE82	P4KE82C	400	73.8 90.2	1.0	5.0	66.4	3.4	118.0	40	-55~+150	DO-41
P4KE82A	P4KE82CA	400	77.9 86.1	1.0	5.0	70.1	3.5	113.0	40	-55~+150	DO-41
P4KE91	P4KE91C	400	81.9 100.0	1.0	5.0	73.3	3.1	131.0	40	-55~+150	DO-41
P4KE91A	P4KE91CA	400	86.5 95.5	1.0	5.0	77.8	3.2	125.0	40	-55~+150	DO-41
P4KE100	P4KE100C	400	90.0 110.0	1.0	5.0	81.0	2.8	144.0	40	-55~+150	DO-41
P4KE100A	P4KE100CA	400	95.0 105.0	1.0	5.0	85.5	2.9	137.0	40	-55~+150	DO-41
P4KE110	P4KE110C	400	99.0 121.0	1.0	5.0	89.2	2.5	158.0	40	-55~+150	DO-41
P4KE110A	P4KE110CA	400	105.0 116.0	1.0	5.0	94.0	2.6	152.0	40	-55~+150	DO-41
P4KE120	P4KE120C	400	108.0 132.0	1.0	5.0	97.2	2.3	173.0	40	-55~+150	DO-41
P4KE120A	P4KE120CA	400	114.0 126.0	1.0	5.0	102.0	2.4	165.0	40	-55~+150	DO-41
P4KE130	P4KE130C	400	117.0 143.0	1.0	5.0	105.0	2.1	187.0	40	-55~+150	DO-41
P4KE130A	P4KE130CA	400	124.0 137.0	1.0	5.0	111.0	2.3	179.0	40	-55~+150	DO-41
P4KE150	P4KE150C	400	135.0 165.0	1.0	5.0	121.0	1.9	215.0	40	-55~+150	DO-41
P4KE150A	P4KE150CA	400	143.0 158.0	1.0	5.0	128.0	1.9	207.0	40	-55~+150	DO-41
P4KE160	P4KE160C	400	144.0 176.0	1.0	5.0	130.0	1.7	230.0	40	-55~+150	DO-41
P4KE160A	P4KE160CA	400	152.0 168.0	1.0	5.0	136.0	1.8	219.0	40	-55~+150	DO-41
P4KE170	P4KE170C	400	153.0 187.0	1.0	5.0	138.0	1.6	244.0	40	-55~+150	DO-41
P4KE170A	P4KE170CA	400	161.5 179.0	1.0	5.0	145.0	1.7	234.0	40	-55~+150	DO-41
P4KE180	P4KE180C	400	162.0 198.0	1.0	5.0	146.0	1.6	258.0	40	-55~+150	DO-41
P4KE180A	P4KE180CA	400	171.0 189.0	1.0	5.0	154.0	1.6	246.0	40	-55~+150	DO-41
P4KE200	P4KE200C	400	180.0 220.0	1.0	5.0	162.0	1.4	287.0	40	-55~+150	DO-41
P4KE200A	P4KE200CA	400	190.0 210.0	1.0	5.0	171.0	1.5	274.0	40	-55~+150	DO-41
P4KE220	P4KE220C	400	198.0 242.0	1.0	5.0	175.0	1.2	344.0	40	-55~+150	DO-41
P4KE220A	P4KE220CA	400	209.0 231.0	1.0	5.0	185.0	1.2	328.0	40	-55~+150	DO-41
P4KE250	P4KE250C	400	225.0 275.0	1.0	5.0	202.0	1.1	360.0	40	-55~+150	DO-41
P4KE250A	P4KE250CA	400	237.0 263.0	1.0	5.0	214.0	1.2	344.0	40	-55~+150	DO-41
P4KE300	P4KE300C	400	270.0 330.0	1.0	5.0	243.0	0.93	430.0	40	-55~+150	DO-41
P4KE300A	P4KE300CA	400	285.0 315.0	1.0	5.0	256.0	1.0	414.0	40	-55~+150	DO-41
P4KE350	P4KE350C	400	315.0 385.0	1.0	5.0	284.0	0.79	505.0	40	-55~+150	DO-41
P4KE350A	P4KE350CA	400	333.0 368.0	1.0	5.0	300.0	0.83	482.0	40	-55~+150	DO-41
P4KE400	P4KE400C	400	360.0 440.0	1.0	5.0	324.0	0.7	574.0	40	-55~+150	DO-41
P4KE400A	P4KE400CA	400	380.0 420.0	1.0	5.0	342.0	0.73	548.0	40	-55~+150	DO-41
P4KE440	P4KE440C	400	396.0 484.0	1.0	5.0	356.0	0.63	631.0	40	-55~+150	DO-41
P4KE440A	P4KE440CA	400	418.0 462.0	1.0	5.0	376.0	0.66	602.0	40	-55~+150	DO-41



DO-41

瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @Ipp	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	Ppk(w)	Min.(V) Max.(V) Ir(mA)	(μA)	VRWM(V)	I PP(A)	(V)	(A)	Tj(°C)	Package	
P4KE500	P4KE500C	400	450.0 550.0	1.0	5.0	406.0	0.56	720.0	40	-55~+150	DO-41
P4KE500A	P4KE500CA	400	475.0 525.0	1.0	5.0	427.5	0.58	690.0	40	-55~+150	DO-41
SA5.0	SA5.0C	500	6.40 7.30	10	600	5.0	52.08	9.6	70	-55~+150	DO-15
SA5.0A	SA5.0CA	500	6.40 7.00	10	600	5.0	54.35	9.2	70	-55~+150	DO-15
SA6.0	SA6.0C	500	6.67 8.15	10	600	6.0	43.86	11.4	70	-55~+150	DO-15
SA6.0A	SA6.0CA	500	6.67 7.37	10	600	6.0	48.54	10.3	70	-55~+150	DO-15
SA6.5	SA6.5C	500	7.22 8.82	10	400	6.5	40.65	12.3	70	-55~+150	DO-15
SA6.5A	SA6.5CA	500	7.22 7.98	10	400	6.5	44.64	11.2	70	-55~+150	DO-15
SA7.0	SA7.0C	500	7.78 9.51	10	150	7.0	37.59	13.3	70	-55~+150	DO-15
SA7.0A	SA7.0CA	500	7.78 8.60	10	150	7.0	41.67	12.0	70	-55~+150	DO-15
SA7.5	SA7.5C	500	8.33 10.20	1.0	50	7.5	34.97	14.3	70	-55~+150	DO-15
SA7.5A	SA7.5CA	500	8.33 9.21	1.0	50	7.5	38.76	12.9	70	-55~+150	DO-15
SA8.0	SA8.0C	500	8.89 10.86	1.0	25	8.0	33.33	15.0	70	-55~+150	DO-15
SA8.0A	SA8.0CA	500	8.89 9.83	1.0	25	8.0	36.76	13.6	70	-55~+150	DO-15
SA8.5	SA8.5C	500	9.44 11.54	1.0	5.0	8.5	31.45	15.9	70	-55~+150	DO-15
SA8.5A	SA8.5CA	500	9.44 10.44	1.0	5.0	8.5	34.72	14.4	70	-55~+150	DO-15
SA9.0	SA9.0C	500	10.00 12.22	1.0	5.0	9.0	29.59	16.9	70	-55~+150	DO-15
SA9.5A	SA9.5CA	500	10.00 11.06	1.0	5.0	9.0	32.47	15.4	70	-55~+150	DO-15
SA10	SA10C	500	11.10 13.56	1.0	5.0	10.0	26.6	18.8	70	-55~+150	DO-15
SA10A	SA10CA	500	11.10 12.27	1.0	5.0	10.0	29.41	17.0	70	-55~+150	DO-15
SA11	SA11C	500	12.20 14.91	1.0	5.0	11.0	24.88	20.1	70	-55~+150	DO-15
SA11A	SA11CA	500	12.20 13.49	1.0	5.0	11.0	27.47	18.2	70	-55~+150	DO-15
SA12	SA12C	500	13.30 16.25	1.0	5.0	12.0	22.73	22.0	70	-55~+150	DO-15
SA12A	SA12CA	500	13.30 14.70	1.0	5.0	12.0	25.13	19.9	70	-55~+150	DO-15
SA13	SA13C	500	14.40 17.60	1.0	5.0	13.0	21.01	23.8	70	-55~+150	DO-15
SA13A	SA13CA	500	14.40 15.92	1.0	5.0	13.0	23.26	21.5	70	-55~+150	DO-15
SA14	SA14C	500	15.60 19.06	1.0	5.0	14.0	19.38	25.8	70	-55~+150	DO-15
SA14A	SA14CA	500	15.60 17.25	1.0	5.0	14.0	21.55	23.2	70	-55~+150	DO-15
SA15	SA15C	500	16.70 20.41	1.0	5.0	15.0	18.59	26.9	70	-55~+150	DO-15
SA15A	SA15CA	500	16.70 18.46	1.0	5.0	15.0	20.49	24.4	70	-55~+150	DO-15
SA16	SA16C	500	17.80 21.75	1.0	5.0	16.0	17.36	28.8	70	-55~+150	DO-15
SA16A	SA16CA	500	17.80 19.68	1.0	5.0	16.0	19.23	26.0	70	-55~+150	DO-15
SA17	SA17C	500	18.90 23.10	1.0	5.0	17.0	16.39	30.5	70	-55~+150	DO-15
SA17A	SA17CA	500	18.90 20.89	1.0	5.0	17.0	18.12	27.6	70	-55~+150	DO-15
SA18	SA18C	500	20.00 24.44	1.0	5.0	18.0	15.53	32.2	70	-55~+150	DO-15
SA18A	SA18CA	500	20.00 22.11	1.0	5.0	18.0	17.12	29.2	70	-55~+150	DO-15
SA19	SA19C	500	21.13 25.82	1.0	5.0	19.0	14.7	34.0	70	-55~+150	DO-15
SA19A	SA19CA	500	21.13 23.36	1.0	5.0	19.0	16.24	30.8	70	-55~+150	DO-15
SA20	SA20C	500	22.20 27.13	1.0	5.0	20.0	13.97	35.8	70	-55~+150	DO-15
SA20A	SA20CA	500	22.20 24.54	1.0	5.0	20.0	15.43	32.4	70	-55~+150	DO-15
SA22	SA22C	500	24.40 29.82	1.0	5.0	22.0	12.69	39.4	70	-55~+150	DO-15
SA22A	SA22CA	500	24.40 26.97	1.0	5.0	22.0	14.08	35.5	70	-55~+150	DO-15
SA24	SA24C	500	26.70 32.63	1.0	5.0	24.0	11.63	43.0	70	-55~+150	DO-15
SA24A	SA24CA	500	26.70 29.52	1.0	5.0	24.0	12.85	38.9	70	-55~+150	DO-15



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage IR@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	PPk(w)	Min.(V) Max.(V) Ir(mA)	(μA)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package	
SA26	SA26C	500	28.90 35.32	1.0	5.0	26.0	10.73	46.6	70	-55~+150	DO-15
SA26A	SA26CA	500	28.90 31.95	1.0	5.0	26.0	11.88	42.1	70	-55~+150	DO-15
SA28	SA28C	500	31.10 38.00	1.0	5.0	28.0	10.0	50.0	70	-55~+150	DO-15
SA28A	SA28CA	500	31.10 34.38	1.0	5.0	28.0	11.01	45.4	70	-55~+150	DO-15
SA30	SA30C	500	33.30 40.69	1.0	5.0	30.0	9.35	53.5	70	-55~+150	DO-15
SA30A	SA30CA	500	33.30 36.81	1.0	5.0	30.0	10.33	48.4	70	-55~+150	DO-15
SA33	SA33C	500	36.70 44.85	1.0	5.0	33.0	8.47	59.0	70	-55~+150	DO-15
SA33A	SA33CA	500	36.70 40.57	1.0	5.0	33.0	9.38	53.3	70	-55~+150	DO-15
SA36	SA36C	500	40.00 48.88	1.0	5.0	36.0	7.78	64.3	70	-55~+150	DO-15
SA36A	SA36CA	500	40.00 44.22	1.0	5.0	36.0	8.61	58.1	70	-55~+150	DO-15
SA40	SA40C	500	44.40 54.26	1.0	5.0	40.0	7.0	71.4	70	-55~+150	DO-15
SA40A	SA40CA	500	44.40 49.08	1.0	5.0	40.0	7.75	64.5	70	-55~+150	DO-15
SA43	SA43C	500	47.80 58.41	1.0	5.0	43.0	6.52	76.7	70	-55~+150	DO-15
SA43A	SA43CA	500	47.80 52.84	1.0	5.0	43.0	7.2	69.4	70	-55~+150	DO-15
SA45	SA45C	500	50.00 61.10	1.0	5.0	45.0	6.23	80.3	70	-55~+150	DO-15
SA45A	SA45CA	500	50.00 55.28	1.0	5.0	45.0	6.88	72.7	70	-55~+150	DO-15
SA48	SA48C	500	53.30 65.13	1.0	5.0	48.0	5.85	85.5	70	-55~+150	DO-15
SA48A	SA48CA	500	53.30 58.92	1.0	5.0	48.0	6.46	77.4	70	-55~+150	DO-15
SA51	SA51C	500	56.70 69.29	1.0	5.0	51.0	5.49	91.1	70	-55~+150	DO-15
SA51A	SA51CA	500	56.70 62.68	1.0	5.0	51.0	6.07	82.4	70	-55~+150	DO-15
SA54	SA54C	500	60.00 73.32	1.0	5.0	54.0	5.19	96.3	70	-55~+150	DO-15
SA54A	SA54CA	500	60.00 66.33	1.0	5.0	54.0	5.74	87.1	70	-55~+150	DO-15
SA58	SA58C	500	64.40 78.70	1.0	5.0	58.0	4.85	103.1	70	-55~+150	DO-15
SA58A	SA58CA	500	64.40 71.19	1.0	5.0	58.0	5.34	93.6	70	-55~+150	DO-15
SA60	SA60C	500	66.70 81.51	1.0	5.0	60.0	4.67	107.1	70	-55~+150	DO-15
SA60A	SA60CA	500	66.70 73.74	1.0	5.0	60.0	5.17	96.7	70	-55~+150	DO-15
SA64	SA64C	500	71.10 86.88	1.0	5.0	64.0	4.39	113.9	70	-55~+150	DO-15
SA64A	SA64CA	500	71.10 78.60	1.0	5.0	64.0	4.85	103.1	70	-55~+150	DO-15
SA70	SA70C	500	77.80 95.07	1.0	5.0	70.0	4.0	125.0	70	-55~+150	DO-15
SA70A	SA70CA	500	77.80 86.01	1.0	5.0	70.0	4.42	113.1	70	-55~+150	DO-15
SA75	SA75C	500	83.30 101.79	1.0	5.0	75.0	3.73	134.0	70	-55~+150	DO-15
SA75A	SA75CA	500	83.30 92.09	1.0	5.0	75.0	4.13	121.1	70	-55~+150	DO-15
SA78	SA78C	500	86.70 105.95	1.0	5.0	78.0	3.6	138.9	70	-55~+150	DO-15
SA78A	SA78CA	500	86.70 95.85	1.0	5.0	78.0	3.97	125.9	70	-55~+150	DO-15
SA80	SA80C	500	88.96 108.71	1.0	5.0	80.0	3.49	143.3	70	-55~+150	DO-15
SA80A	SA80CA	500	88.96 98.35	1.0	5.0	80.0	3.86	129.5	70	-55~+150	DO-15
SA85	SA85C	500	94.40 115.36	1.0	5.0	85.0	3.31	151.1	70	-55~+150	DO-15
SA85A	SA85CA	500	94.40 104.36	1.0	5.0	85.0	3.65	137.0	70	-55~+150	DO-15
SA90	SA90C	500	100.00 122.20	1.0	5.0	90.0	3.13	159.7	70	-55~+150	DO-15
SA90A	SA90CA	500	100.00 110.55	1.0	5.0	90.0	3.42	146.2	70	-55~+150	DO-15
SA100	SA100C	500	111.00 135.64	1.0	5.0	100.0	2.79	179.2	70	-55~+150	DO-15
SA100A	SA100CA	500	111.00 122.71	1.0	5.0	100.0	3.09	161.8	70	-55~+150	DO-15
SA110	SA110C	500	122.00 149.08	1.0	5.0	110.0	2.55	196.1	70	-55~+150	DO-15
SA110A	SA110CA	500	122.00 134.87	1.0	5.0	110.0	2.82	177.3	70	-55~+150	DO-15



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage IR@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC @IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	PPk(w)	Min.(V) Max.(V) Ir(mA)	(μA)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package	
SA120	SA120C	500	133.00 162.53	1.0	5.0	120.0	2.34	213.7	70	-55~+150	DO-15
SA120A	SA120CA	500	133.00 147.03	1.0	5.0	120.0	2.59	193.1	70	-55~+150	DO-15
SA130	SA130C	500	144.00 175.97	1.0	5.0	130.00	2.16	231.5	70	-55~+150	DO-15
SA130A	SA130CA	500	144.00 159.19	1.0	5.0	130.00	2.39	209.2	70	-55~+150	DO-15
SA140	SA140C	500	155.00 189.41	1.0	5.0	140.00	2.0	250.0	70	-55~+150	DO-15
SA140A	SA140CA	500	155.00 171.35	1.0	5.0	140.00	2.2	227.3	70	-55~+150	DO-15
SA150	SA150C	500	167.00 204.07	1.0	5.0	150.00	1.87	267.4	70	-55~+150	DO-15
SA150A	SA150CA	500	167.00 184.62	1.0	5.0	150.00	2.06	242.7	70	-55~+150	DO-15
SA160	SA160C	500	178.00 217.52	10	600	160.00	1.74	287.4	70	-55~+150	DO-15
SA160A	SA160CA	500	178.00 196.78	10	600	160.00	1.93	259.1	70	-55~+150	DO-15
SA170	SA170C	500	189.00 230.96	10	600	170.00	1.64	304.9	70	-55~+150	DO-15
SA170A	SA170CA	500	189.00 208.94	10	600	170.00	1.82	274.7	70	-55~+150	DO-15
SA180	SA180C	500	200.00 244.40	10	400	180.00	1.55	322.6	70	-55~+150	DO-15
SA180A	SA180CA	500	200.00 221.10	10	400	180.00	1.71	292.4	70	-55~+150	DO-15
SA190	SA190C	500	211.00 257.84	10	150	190.00	1.47	340.1	70	-55~+150	DO-15
SA190A	SA190CA	500	211.00 233.26	10	150	190.00	1.62	308.6	70	-55~+150	DO-15
P6KE6.8	P6KE6.8C	600	6.12 7.48	10	1000	5.5	55.6	10.8	100	-55~+150	DO-15
P6KE6.8A	P6KE6.8CA	600	6.45 7.14	10	1000	5.8	57.1	10.5	100	-55~+150	DO-15
P6KE7.5	P6KE7.5C	600	6.75 8.25	10	500	6.1	51.3	11.7	100	-55~+150	DO-15
P6KE7.5A	P6KE7.5CA	600	7.13 7.88	10	500	6.4	53.1	11.3	100	-55~+150	DO-15
P6KE8.2	P6KE8.2C	600	7.38 9.02	10	200	6.6	48.0	12.5	100	-55~+150	DO-15
P6KE8.2A	P6KE8.2CA	600	7.79 8.61	10	200	7.0	49.6	12.1	100	-55~+150	DO-15
P6KE9.1	P6KE9.1C	600	8.29 10.00	1.0	50	7.4	43.5	13.8	100	-55~+150	DO-15
P6KE9.1A	P6KE9.1CA	600	8.65 9.55	1.0	50	7.8	44.8	13.4	100	-55~+150	DO-15
P6KE10	P6KE10C	600	9.00 11.00	1.0	10	8.1	40.0	15	100	-55~+150	DO-15
P6KE10A	P6KE10CA	600	9.50 10.50	1.0	10	8.6	41.4	14.5	100	-55~+150	DO-15
P6KE11	P6KE11C	600	9.90 12.10	1.0	5.0	8.9	37.0	16.2	100	-55~+150	DO-15
P6KE11A	P6KE11CA	600	10.50 11.60	1.0	5.0	9.4	38.5	15.6	100	-55~+150	DO-15
P6KE12	P6KE12C	600	10.80 13.20	1.0	5.0	9.7	34.7	17.3	100	-55~+150	DO-15
P6KE12A	P6KE12CA	600	11.40 12.60	1.0	5.0	10.2	35.9	16.7	100	-55~+150	DO-15
P6KE13	P6KE13C	600	11.70 14.30	1.0	5.0	10.5	31.6	19	100	-55~+150	DO-15
P6KE13A	P6KE13CA	600	12.40 13.70	1.0	5.0	11.1	33.0	18.2	100	-55~+150	DO-15
P6KE15	P6KE15C	600	13.50 16.50	1.0	5.0	12.1	27.3	22	100	-55~+150	DO-15
P6KE15A	P6KE15CA	600	14.30 15.80	1.0	5.0	12.8	28.3	21.2	100	-55~+150	DO-15
P6KE16	P6KE16C	600	14.40 17.60	1.0	5.0	12.9	25.5	23.5	100	-55~+150	DO-15
P6KE16A	P6KE16CA	600	15.20 16.80	1.0	5.0	13.6	26.7	22.5	100	-55~+150	DO-15
P6KE18	P6KE18C	600	16.20 19.80	1.0	5.0	14.5	22.6	26.5	100	-55~+150	DO-15
P6KE18A	P6KE18CA	600	17.10 18.90	1.0	5.0	15.3	23.8	25.2	100	-55~+150	DO-15
P6KE20	P6KE20C	600	18.00 22.00	1.0	5.0	16.2	20.6	29.1	100	-55~+150	DO-15
P6KE20A	P6KE20CA	600	19.00 21.00	1.0	5.0	17.1	21.7	27.7	100	-55~+150	DO-15
P6KE22	P6KE22C	600	19.80 24.20	1.0	5.0	17.8	18.8	31.9	100	-55~+150	DO-15
P6KE22A	P6KE22CA	600	20.90 23.10	1.0	5.0	18.8	19.6	30.6	100	-55~+150	DO-15
P6KE24	P6KE24C	600	21.60 26.40	1.0	5.0	19.4	17.3	34.7	100	-55~+150	DO-15
P6KE24A	P6KE24CA	600	22.80 25.20	1.0	5.0	20.5	18.1	33.2	100	-55~+150	DO-15



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC@IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	PPk(w)	Min.(V) Max.(V)	Ir(mA)	(μA)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	
P6KE27	P6KE27C	600	24.30 29.70	1.0	5.0	21.8	15.3	39.1	100	-55~+150	DO-15
P6KE27A	P6KE27CA	600	25.70 28.40	1.0	5.0	23.1	16.0	37.5	100	-55~+150	DO-15
P6KE30	P6KE30C	600	27.00 33.00	1.0	5.0	24.3	13.8	43.5	100	-55~+150	DO-15
P6KE30A	P6KE30CA	600	28.50 31.50	1.0	5.0	25.6	14.5	41.4	100	-55~+150	DO-15
P6KE33	P6KE33C	600	29.70 36.30	1.0	5.0	26.8	12.6	47.7	100	-55~+150	DO-15
P6KE33A	P6KE33CA	600	31.40 34.70	1.0	5.0	28.2	13.1	45.7	100	-55~+150	DO-15
P6KE36	P6KE36C	600	32.40 39.60	1.0	5.0	29.1	11.5	52	100	-55~+150	DO-15
P6KE36A	P6KE36CA	600	34.20 37.80	1.0	5.0	30.8	12.0	49.9	100	-55~+150	DO-15
P6KE39	P6KE39C	600	35.10 42.90	1.0	5.0	31.6	10.6	56.4	100	-55~+150	DO-15
P6KE39A	P6KE39CA	600	37.10 41.00	1.0	5.0	33.3	11.1	53.9	100	-55~+150	DO-15
P6KE43	P6KE43C	600	38.70 47.30	1.0	5.0	34.8	9.7	61.9	100	-55~+150	DO-15
P6KE43A	P6KE43CA	600	40.90 45.20	1.0	5.0	36.8	10.1	59.3	100	-55~+150	DO-15
P6KE47	P6KE47C	600	42.30 51.70	1.0	5.0	38.1	8.8	67.8	100	-55~+150	DO-15
P6KE47A	P6KE47CA	600	44.70 49.40	1.0	5.0	40.2	9.3	64.8	100	-55~+150	DO-15
P6KE51	P6KE51C	600	45.90 56.10	1.0	5.0	41.3	8.2	73.5	100	-55~+150	DO-15
P6KE51A	P6KE51CA	600	48.50 53.60	1.0	5.0	43.6	8.6	70.1	100	-55~+150	DO-15
P6KE56	P6KE56C	600	50.40 61.60	1.0	5.0	45.4	7.5	80.5	100	-55~+150	DO-15
P6KE56A	P6KE56CA	600	53.20 58.80	1.0	5.0	47.8	7.8	77	100	-55~+150	DO-15
P6KE62	P6KE62C	600	55.80 68.20	1.0	5.0	50.2	6.7	89	100	-55~+150	DO-15
P6KE62A	P6KE62CA	600	58.90 65.10	1.0	5.0	53.0	7.1	85	100	-55~+150	DO-15
P6KE68	P6KE68C	600	61.20 74.80	1.0	5.0	55.1	6.1	98	100	-55~+150	DO-15
P6KE68A	P6KE68CA	600	64.60 71.40	1.0	5.0	58.1	6.5	92	100	-55~+150	DO-15
P6KE75	P6KE75C	600	67.50 82.50	1.0	5.0	60.7	5.6	108	100	-55~+150	DO-15
P6KE75A	P6KE75CA	600	71.30 78.80	1.0	5.0	64.1	5.8	103	100	-55~+150	DO-15
P6KE82	P6KE82C	600	73.80 90.20	1.0	5.0	66.4	5.1	118	100	-55~+150	DO-15
P6KE82A	P6KE82CA	600	77.90 86.10	1.0	5.0	70.1	5.3	113	100	-55~+150	DO-15
P6KE91	P6KE91C	600	81.90 100.00	1.0	5.0	73.3	4.6	131	100	-55~+150	DO-15
P6KE91A	P6KE91CA	600	86.50 95.90	1.0	5.0	77.8	4.8	125	100	-55~+150	DO-15
P6KE100	P6KE100C	600	90.00 110.00	1.0	5.0	81.0	4.2	144	100	-55~+150	DO-15
P6KE100A	P6KE100CA	600	95.00 105.00	1.0	5.0	85.5	4.4	137	100	-55~+150	DO-15
P6KE110	P6KE110C	600	99.00 121.00	1.0	5.0	89.2	3.8	158	100	-55~+150	DO-15
P6KE110A	P6KE110CA	600	105.00 116.00	1.0	5.0	94.0	3.9	152	100	-55~+150	DO-15
P6KE120	P6KE120C	600	108.00 132.00	1.0	5.0	97.2	3.5	173	100	-55~+150	DO-15
P6KE120A	P6KE120CA	600	114.00 126.00	1.0	5.0	102.0	3.6	165	100	-55~+150	DO-15
P6KE130	P6KE130C	600	117.00 143.00	1.0	5.0	105.0	3.2	187	100	-55~+150	DO-15
P6KE130A	P6KE130CA	600	124.00 137.00	1.0	5.0	111.0	3.4	179	100	-55~+150	DO-15
P6KE150	P6KE150C	600	135.00 165.00	1.0	5.0	121.0	2.8	215	100	-55~+150	DO-15
P6KE150A	P6KE150CA	600	143.00 158.00	1.0	5.0	128.0	2.9	207	100	-55~+150	DO-15
P6KE160	P6KE160C	600	144.00 176.00	1.0	5.0	130.0	2.6	230	100	-55~+150	DO-15
P6KE160A	P6KE160CA	600	152.00 168.00	1.0	5.0	136.0	2.7	219	100	-55~+150	DO-15
P6KE170	P6KE170C	600	153.00 187.00	1.0	5.0	138.0	2.5	244	100	-55~+150	DO-15
P6KE170A	P6KE170CA	600	161.50 179.00	1.0	5.0	145.0	2.6	234	100	-55~+150	DO-15
P6KE180	P6KE180C	600	162.00 198.00	1.0	5.0	146.0	2.3	258	100	-55~+150	DO-15
P6KE180A	P6KE180CA	600	171.00 189.00	1.0	5.0	154.0	2.4	246	100	-55~+150	DO-15



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大钳位电压 Maximum Clamping Voltage VC@IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	PPk(w)	Min.(V) Max.(V)	Ir(mA)	(μA)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	
P6KE200	P6KE200C	600	180.00 220.00	1.0	5.0	162.0	2.1	287	100	-55~+150	DO-15
P6KE200A	P6KE200CA	600	190.00 210.00	1.0	5.0	171.0	2.2	274	100	-55~+150	DO-15
P6KE220	P6KE220C	600	198.00 242.00	1.0	5.0	175.0	1.7	344	100	-55~+150	DO-15
P6KE220A	P6KE220CA	600	209.00 231.00	1.0	5.0	185.0	1.8	328	100	-55~+150	DO-15
P6KE250	P6KE250C	600	225.00 275.00	1.0	5.0	202.0	1.7	360	100	-55~+150	DO-15
P6KE250A	P6KE250CA	600	237.00 263.00	1.0	5.0	214.0	1.7	344	100	-55~+150	DO-15
P6KE300	P6KE300C	600	270.00 330.00	1.0	5.0	243.0	1.4	430	100	-55~+150	DO-15
P6KE300A	P6KE300CA	600	285.00 315.00	1.0	5.0	256.0	1.4	414	100	-55~+150	DO-15
P6KE350	P6KE350C	600	315.00 385.00	1.0	5.0	284.0	1.2	505	100	-55~+150	DO-15
P6KE350A	P6KE350CA	600	333.00 368.00	1.0	5.0	300.0	1.2	482	100	-55~+150	DO-15
P6KE400	P6KE400C	600	360.00 440.00	1.0	5.0	324.0	1.0	574	100	-55~+150	DO-15
P6KE400A	P6KE400CA	600	380.00 420.00	1.0	5.0	342.0	1.1	548	100	-55~+150	DO-15
P6KE440	P6KE440C	600	396.00 484.00	1.0	5.0	356.0	0.95	631	100	-55~+150	DO-15
P6KE440A	P6KE440CA	600	418.00 462.00	1.0	5.0	376.0	1.0	602	100	-55~+150	DO-15
P6KE500	P6KE500C	600	450.00 550.00	1.0	5.0	406.0	0.83	723	100	-55~+150	DO-15
P6KE500A	P6KE500CA	600	475.00 525.00	1.0	5.0	427.5	0.87	690	100	-55~+150	DO-15
P6KE520	P6KE520C	600	468.00 572.00	1.0	5.0	422.2	0.80	750	100	-55~+150	DO-15
P6KE520A	P6KE520CA	600	494.00 546.00	1.0	5.0	444.6	0.84	714	100	-55~+150	DO-15
P6KE550	P6KE550C	600	495.00 605.00	1.0	5.0	446.6	0.76	789	100	-55~+150	DO-15
P6KE550A	P6KE550CA	600	522.50 577.00	1.0	5.0	470.3	0.79	759	100	-55~+150	DO-15
P6KE600	P6KE600C	600	540.00 660.00	1.0	5.0	487.2	0.69	870	100	-55~+150	DO-15
P6KE600A	P6KE600CA	600	570.00 630.00	1.0	5.0	513.0	0.72	833	100	-55~+150	DO-15
1.5KE6.8	1.5KE6.8C	1500	6.12 7.48	10	1000	5.5	138.89	10.8	200	-55~+150	DO-201AD
1.5KE6.8A	1.5KE6.8CA	1500	6.45 7.14	10	1000	5.8	142.86	10.5	200	-55~+150	DO-201AD
1.5KE7.5	1.5KE7.5C	1500	6.75 8.25	10	500	6.1	128.21	11.7	200	-55~+150	DO-201AD
1.5KE7.5A	1.5KE7.5CA	1500	7.13 7.88	10	500	6.4	132.74	11.3	200	-55~+150	DO-201AD
1.5KE8.2	1.5KE8.2C	1500	7.38 9.02	10	200	6.6	120.0	12.5	200	-55~+150	DO-201AD
1.5KE8.2A	1.5KE8.2CA	1500	7.79 8.61	10	200	7.0	123.97	12.1	200	-55~+150	DO-201AD
1.5KE9.1	1.5KE9.1C	1500	8.29 10.00	1.0	50	7.4	108.7	13.8	200	-55~+150	DO-201AD
1.5KE9.1A	1.5KE9.1CA	1500	8.65 9.55	1.0	50	7.8	111.94	13.4	200	-55~+150	DO-201AD
1.5KE10	1.5KE10C	1500	9.00 11.00	1.0	10	8.1	100.0	15	200	-55~+150	DO-201AD
1.5KE10A	1.5KE10CA	1500	9.50 10.50	1.0	10	8.6	103.45	14.5	200	-55~+150	DO-201AD
1.5KE11	1.5KE11C	1500	9.90 12.10	1.0	5.0	8.9	92.59	16.2	200	-55~+150	DO-201AD
1.5KE11A	1.5KE11CA	1500	10.50 11.60	1.0	5.0	9.4	96.15	15.6	200	-55~+150	DO-201AD
1.5KE12	1.5KE12C	1500	10.80 13.20	1.0	5.0	9.7	86.71	17.3	200	-55~+150	DO-201AD
1.5KE12A	1.5KE12CA	1500	11.40 12.60	1.0	5.0	10.2	89.82	16.7	200	-55~+150	DO-201AD
1.5KE13	1.5KE13C	1500	11.70 14.30	1.0	5.0	10.5	78.95	19	200	-55~+150	DO-201AD
1.5KE13A	1.5KE13CA	1500	12.40 13.70	1.0	5.0	11.1	82.42	18.2	200	-55~+150	DO-201AD
1.5KE15	1.5KE15C	1500	13.50 16.50	1.0	5.0	12.1	68.18	22	200	-55~+150	DO-201AD
1.5KE15A	1.5KE15CA	1500	14.30 15.80	1.0	5.0	12.8	70.75	21.2	200	-55~+150	DO-201AD
1.5KE16	1.5KE16C	1500	14.40 17.60	1.0	5.0	12.9	63.83	23.5	200	-55~+150	DO-201AD
1.5KE16A	1.5KE16CA	1500	15.20 16.80	1.0	5.0	13.6	66.67	22.5	200	-55~+150	DO-201AD
1.5KE18	1.5KE18C	1500	16.20 19.80	1.0	5.0	14.5	56.60	26.5	200	-55~+150	DO-201AD
1.5KE18A	1.5KE18CA	1500	17.10 18.90	1.0	5.0	15.3	59.52	25.2	200	-55~+150	DO-201AD



DO-15



DO-201AD

瞬态抑制二极管  
TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC@Ipp	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
1.5KE20	1.5KE20C	1500	18.00	22.00	1.0	5.0	16.2	51.55	29.1	200	-55~+150	DO-201AD
1.5KE20A	1.5KE20CA	1500	19.00	21.00	1.0	5.0	17.1	54.15	27.7	200	-55~+150	DO-201AD
1.5KE22	1.5KE22C	1500	19.80	24.20	1.0	5.0	17.8	47.02	31.9	200	-55~+150	DO-201AD
1.5KE22A	1.5KE22CA	1500	20.90	23.10	1.0	5.0	18.8	49.02	30.6	200	-55~+150	DO-201AD
1.5KE24	1.5KE24C	1500	21.60	26.40	1.0	5.0	19.4	43.23	34.7	200	-55~+150	DO-201AD
1.5KE24A	1.5KE24CA	1500	22.80	25.20	1.0	5.0	20.5	45.18	33.2	200	-55~+150	DO-201AD
1.5KE27	1.5KE27C	1500	24.30	29.70	1.0	5.0	21.8	38.36	39.1	200	-55~+150	DO-201AD
1.5KE27A	1.5KE27CA	1500	25.70	28.40	1.0	5.0	23.1	40.0	37.5	200	-55~+150	DO-201AD
1.5KE30	1.5KE30C	1500	27.00	33.00	1.0	5.0	24.3	34.48	43.5	200	-55~+150	DO-201AD
1.5KE30A	1.5KE30CA	1500	28.50	31.50	1.0	5.0	25.6	36.23	41.4	200	-55~+150	DO-201AD
1.5KE33	1.5KE33C	1500	29.70	36.30	1.0	5.0	26.8	31.45	47.7	200	-55~+150	DO-201AD
1.5KE33A	1.5KE33CA	1500	31.40	34.70	1.0	5.0	28.2	32.82	45.7	200	-55~+150	DO-201AD
1.5KE36	1.5KE36C	1500	32.40	39.60	1.0	5.0	29.1	28.85	52	200	-55~+150	DO-201AD
1.5KE36A	1.5KE36CA	1500	34.20	37.80	1.0	5.0	30.8	30.06	49.9	200	-55~+150	DO-201AD
1.5KE39	1.5KE39C	1500	35.10	42.90	1.0	5.0	31.6	26.60	56.4	200	-55~+150	DO-201AD
1.5KE39A	1.5KE39CA	1500	37.10	41.00	1.0	5.0	33.3	27.83	53.9	200	-55~+150	DO-201AD
1.5KE43	1.5KE43C	1500	38.70	47.30	1.0	5.0	34.8	24.23	61.9	200	-55~+150	DO-201AD
1.5KE43A	1.5KE43CA	1500	40.90	45.20	1.0	5.0	36.8	25.30	59.3	200	-55~+150	DO-201AD
1.5KE47	1.5KE47C	1500	42.30	51.70	1.0	5.0	38.1	22.12	67.8	200	-55~+150	DO-201AD
1.5KE47A	1.5KE47CA	1500	44.70	49.40	1.0	5.0	40.2	23.15	64.8	200	-55~+150	DO-201AD
1.5KE51	1.5KE51C	1500	45.90	56.10	1.0	5.0	41.3	20.41	73.5	200	-55~+150	DO-201AD
1.5KE51A	1.5KE51CA	1500	48.50	53.60	1.0	5.0	43.6	21.40	70.1	200	-55~+150	DO-201AD
1.5KE56	1.5KE56C	1500	50.40	61.60	1.0	5.0	45.4	18.63	80.5	200	-55~+150	DO-201AD
1.5KE56A	1.5KE56CA	1500	53.20	58.80	1.0	5.0	47.8	19.48	77	200	-55~+150	DO-201AD
1.5KE62	1.5KE62C	1500	55.80	68.20	1.0	5.0	50.2	16.85	89	200	-55~+150	DO-201AD
1.5KE62A	1.5KE62CA	1500	58.90	65.10	1.0	5.0	53.0	17.65	85	200	-55~+150	DO-201AD
1.5KE68	1.5KE68C	1500	61.20	74.80	1.0	5.0	55.1	15.31	98	200	-55~+150	DO-201AD
1.5KE68A	1.5KE68CA	1500	64.60	71.40	1.0	5.0	58.1	16.30	92	200	-55~+150	DO-201AD
1.5KE75	1.5KE75C	1500	67.50	82.50	1.0	5.0	60.7	13.89	108	200	-55~+150	DO-201AD
1.5KE75A	1.5KE75CA	1500	71.30	78.80	1.0	5.0	64.1	14.56	103	200	-55~+150	DO-201AD
1.5KE82	1.5KE82C	1500	73.80	90.20	1.0	5.0	66.4	12.71	118	200	-55~+150	DO-201AD
1.5KE82A	1.5KE82CA	1500	77.90	86.10	1.0	5.0	70.1	13.27	113	200	-55~+150	DO-201AD
1.5KE91	1.5KE91C	1500	81.90	100.00	1.0	5.0	73.3	11.45	131	200	-55~+150	DO-201AD
1.5KE91A	1.5KE91CA	1500	86.50	95.50	1.0	5.0	77.8	12.0	125	200	-55~+150	DO-201AD
1.5KE100	1.5KE100C	1500	90.00	110.00	1.0	5.0	81.0	10.42	144	200	-55~+150	DO-201AD
1.5KE100A	1.5KE100CA	1500	95.00	105.00	1.0	5.0	85.5	10.95	137	200	-55~+150	DO-201AD
1.5KE110	1.5KE110C	1500	99.00	121.00	1.0	5.0	89.2	9.49	158	200	-55~+150	DO-201AD
1.5KE110A	1.5KE110CA	1500	105.00	116.00	1.0	5.0	94.0	9.87	152	200	-55~+150	DO-201AD
1.5KE120	1.5KE120C	1500	108.00	132.00	1.0	5.0	97.2	8.67	173	200	-55~+150	DO-201AD
1.5KE120A	1.5KE120CA	1500	114.00	126.00	1.0	5.0	102.0	9.09	165	200	-55~+150	DO-201AD
1.5KE130	1.5KE130C	1500	117.00	143.00	1.0	5.0	105.0	8.02	187	200	-55~+150	DO-201AD
1.5KE130A	1.5KE130CA	1500	124.00	137.00	1.0	5.0	111.0	8.38	179	200	-55~+150	DO-201AD
1.5KE150	1.5KE150C	1500	135.00	165.00	1.0	5.0	121.0	6.98	215	200	-55~+150	DO-201AD
1.5KE150A	1.5KE150CA	1500	143.00	158.00	1.0	5.0	128.0	7.25	207	200	-55~+150	DO-201AD



DO-201AD

瞬态抑制二极管  
TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC@Ipp	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
1.5KE160	1.5KE160C	1500	144.00	176.00	1.0	5.0	130.0	6.52	230	200	-55~+150	DO-201AD
1.5KE160A	1.5KE160CA	1500	152.00	168.00	1.0	5.0	136.0	6.85	219	200	-55~+150	DO-201AD
1.5KE170	1.5KE170C	1500	153.00	187.00	1.0	5.0	138.0	6.15	244	200	-55~+150	DO-201AD
1.5KE170A	1.5KE170CA	1500	161.50	179.00	1.0	5.0	145.0	6.41	234	200	-55~+150	DO-201AD
1.5KE180	1.5KE180C	1500	162.00	198.00	1.0	5.0	146.0	5.81	258	200	-55~+150	DO-201AD
1.5KE180A	1.5KE180CA	1500	171.00	189.00	1.0	5.0	154.0	6.1	246	200	-55~+150	DO-201AD
1.5KE200	1.5KE200C	1500	180.00	220.00	1.0	5.0	162.0	5.23	287	200	-55~+150	DO-201AD
1.5KE200A	1.5KE200CA	1500	190.00	210.00	1.0	5.0	171.0	5.47	274	200	-55~+150	DO-201AD
1.5KE220	1.5KE220C	1500	198.00	242.00	1.0	5.0	175.0	4.36	344	200	-55~+150	DO-201AD
1.5KE220A	1.5KE220CA	1500	209.00	231.00	1.0	5.0	185.0	4.57	328	200	-55~+150	DO-201AD
1.5KE250	1.5KE250C	1500	225.00	275.00	1.0	5.0	202.0	4.17	360	200	-55~+150	DO-201AD
1.5KE250A	1.5KE250CA	1500	237.00	263.00	1.0	5.0	214.0	4.36	344	200	-55~+150	DO-201AD
1.5KE300	1.5KE300C	1500	270.00	330.00	1.0	5.0	243.0	3.49	430	200	-55~+150	DO-201AD
1.5KE300A	1.5KE300CA	1500	285.00	315.00	1.0	5.0	256.0	3.62	414	200	-55~+150	DO-201AD
1.5KE350	1.5KE350C	1500	315.00	385.00	1.0	5.0	284.0	2.97	505	200	-55~+150	DO-201AD
1.5KE350A	1.5KE350CA	1500	333.00	368.00	1.0	5.0	300.0	3.11	482	200	-55~+150	DO-201AD
1.5KE400	1.5KE400C	1500	360.00	440.00	1.0	5.0	324.0	2.61	574	200	-55~+150	DO-201AD
1.5KE400A	1.5KE400CA	1500	380.00	420.00	1.0	5.0	342.0	2.74	548	200	-55~+150	DO-201AD
1.5KE440	1.5KE440C	1500	396.00	484.00	1.0	5.0	356.0	2.38	631	200	-55~+150	DO-201AD
1.5KE440A	1.5KE440CA	1500	418.00	462.00	1.0	5.0	376.0	2.47	602	200	-55~+150	DO-201AD
1.5KE500	1.5KE500C	1500	450.00	550.00	1.0	5.0	406.0	2.08	721	200	-55~+150	DO-201AD
1.5KE500A	1.5KE500CA	1500	475.00	525.00	1.0	5.0	427.5	2.17	691	200	-55~+150	DO-201AD
1.5KE520	1.5KE520C	1500	468.00	572.00	1.0	5.0	422.2	2.0	750	200	-55~+150	DO-201AD
1.5KE520A	1.5KE520CA	1500	494.00	546.00	1.0	5.0	444.6	2.09	718	200	-55~+150	DO-201AD
1.5KE550	1.5KE550C	1500	495.00	605.00	1.0	5.0	446.6	1.89	794	200	-55~+150	DO-201AD
1.5KE550A	1.5KE550CA	1500	522.50	577.00	1.0	5.0	470.3	1.98	758	200	-55~+150	DO-201AD
1.5KE600	1.5KE600C	1500	540.00	660.00	1.0	5.0	487.2	1.74	862	200	-55~+150	DO-201AD
1.5KE600A	1.5KE600CA	1500	570.00	630.00	1.0	5.0	513.0	1.81	829	200	-55~+150	DO-201AD

Note Note:

- 1.Suffix"A" denotes 5% tolerance device. Without"A" denotes 10% tolerance device
- 2.Add suffix"C"or"CA" after part number to specify Bi-directional devices
- 3.For Bi-directional devices having VR of 10 volts and under,the IR limit is double



DO-201AD

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IPP	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	Ppk(w)	Min.(V) Max.(V)	Ir(mA)	( $\mu$ A)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package
SMAJ5.0	SMAJ5.0C	400	6.40 7.3	10.0	800.0	5.0	41.7	9.6	40	-55~+150	SMA
SMAJ5.0A	SMAJ5.0CA	400	6.40 7.07	10.0	800.0	5.0	43.5	9.2	40	-55~+150	SMA
SMAJ6.0	SMAJ6.0C	400	6.67 8.15	10.0	800.0	6.0	35.1	11.4	40	-55~+150	SMA
SMAJ6.0A	SMAJ6.0CA	400	6.67 7.37	10.0	800.0	6.0	38.8	10.3	40	-55~+150	SMA
SMAJ6.5	SMAJ6.5C	400	7.22 8.82	10.0	500.0	6.5	32.5	12.3	40	-55~+150	SMA
SMAJ6.5A	SMAJ6.5CA	400	7.22 7.98	10.0	500.0	6.5	35.7	11.2	40	-55~+150	SMA
SMAJ7.0	SMAJ7.0C	400	7.78 9.51	10.0	200.0	7.0	30.1	13.3	40	-55~+150	SMA
SMAJ7.0A	SMAJ7.0CA	400	7.78 8.6	10.0	200.0	7.0	33.3	12.0	40	-55~+150	SMA
SMAJ7.5	SMAJ7.5C	400	8.33 10.2	1.0	100.0	7.5	28.0	14.3	40	-55~+150	SMA
SMAJ7.5A	SMAJ7.5CA	400	8.33 9.21	1.0	100.0	7.5	31.0	12.9	40	-55~+150	SMA
SMAJ8.0	SMAJ8.0C	400	8.89 10.9	1.0	50.0	8.0	26.7	15.0	40	-55~+150	SMA
SMAJ8.0A	SMAJ8.0CA	400	8.89 9.83	1.0	50.0	8.0	29.4	13.6	40	-55~+150	SMA
SMAJ8.5	SMAJ8.5C	400	9.44 11.5	1.0	10.0	8.5	25.1	15.9	40	-55~+150	SMA
SMAJ8.5A	SMAJ8.5CA	400	9.44 10.4	1.0	10.0	8.5	27.8	14.4	40	-55~+150	SMA
SMAJ9.0	SMAJ9.0C	400	10.0 12.2	1.0	5.0	9.0	23.6	16.9	40	-55~+150	SMA
SMAJ9.0A	SMAJ9.0CA	400	10.0 11.1	1.0	5.0	9.0	26.0	15.4	40	-55~+150	SMA
SMAJ10	SMAJ10C	400	11.1 13.6	1.0	5.0	10.0	21.3	18.8	40	-55~+150	SMA
SMAJ10A	SMAJ10CA	400	11.1 12.3	1.0	5.0	10.0	23.5	17.0	40	-55~+150	SMA
SMAJ11	SMAJ11C	400	12.2 14.9	1.0	5.0	11.0	19.9	20.1	40	-55~+150	SMA
SMAJ11A	SMAJ11CA	400	12.2 13.5	1.0	5.0	11.0	22.0	18.2	40	-55~+150	SMA
SMAJ12	SMAJ12C	400	13. 16.3	1.0	5.0	12.0	18.2	22.0	40	-55~+150	SMA
SMAJ12A	SMAJ12CA	400	13.3 14.7	1.0	5.0	12.0	20.1	19.9	40	-55~+150	SMA
SMAJ13	SMAJ13C	400	14.4 17.6	1.0	5.0	13.0	16.8	23.8	40	-55~+150	SMA
SMAJ13A	SMAJ13CA	400	14.4 15.9	1.0	5.0	13.0	18.6	21.5	40	-55~+150	SMA
SMAJ14	SMAJ14C	400	15.6 19.1	1.0	5.0	14.0	15.5	25.8	40	-55~+150	SMA
SMAJ14A	SMAJ14CA	400	15.6 17.2	1.0	5.0	14.0	17.2	23.2	40	-55~+150	SMA
SMAJ15	SMAJ15C	400	16.7 20.4	1.0	5.0	15.0	14.8	26.9	40	-55~+150	SMA
SMAJ15A	SMAJ15CA	400	16.7 18.5	1.0	5.0	15.0	16.4	24.4	40	-55~+150	SMA
SMAJ16	SMAJ16C	400	17.8 21.8	1.0	5.0	16.0	13.9	28.8	40	-55~+150	SMA
SMAJ16A	SMAJ16CA	400	17.8 19.7	1.0	5.0	16.0	15.4	26.0	40	-55~+150	SMA
SMAJ17	SMAJ17C	400	18.9 23.1	1.0	5.0	17.0	13.1	30.5	40	-55~+150	SMA
SMAJ17A	SMAJ17CA	400	18.9 20.9	1.0	5.0	17.0	14.5	27.6	40	-55~+150	SMA
SMAJ18	SMAJ18C	400	20.0 24.4	1.0	5.0	18.0	12.4	32.2	40	-55~+150	SMA
SMAJ18A	SMAJ18CA	400	20.0 22.1	1.0	5.0	18.0	13.7	29.2	40	-55~+150	SMA
SMAJ19	SMAJ19C	400	21.1 25.7	1.0	5.0	19.0	11.7	30.8	40	-55~+150	SMA
SMAJ19A	SMAJ19CA	400	21.1 23.3	1.0	5.0	19.0	13.0	30.8	40	-55~+150	SMA
SMAJ20	SMAJ20C	400	22.2 27.1	1.0	5.0	20.0	11.1	35.8	40	-55~+150	SMA
SMAJ20A	SMAJ20CA	400	22.2 24.5	1.0	5.0	20.0	12.3	32.4	40	-55~+150	SMA
SMAJ22	SMAJ22C	400	24.4 29.8	1.0	5.0	22.0	10.1	39.4	40	-55~+150	SMA
SMAJ22A	SMAJ22CA	400	24.4 26.9	1.0	5.0	22.0	11.3	35.5	40	-55~+150	SMA
SMAJ24	SMAJ24C	400	26.7 32.6	1.0	5.0	24.0	9.3	43.0	40	-55~+150	SMA
SMAJ24A	SMAJ24CA	400	26.7 29.5	1.0	5.0	24.0	10.3	38.9	40	-55~+150	SMA
SMAJ26	SMAJ26C	400	28.9 35.3	1.0	5.0	26.0	8.6	46.6	40	-55~+150	SMA
SMAJ26A	SMAJ26CA	400	28.9 31.9	1.0	5.0	26.0	9.5	42.1	40	-55~+150	SMA



SMA

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IPP	正向浪涌 电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package		
(Uni)	(Bi)	Ppk(w)	Min.(V) Max.(V)	Ir(mA)	( $\mu$ A)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package
SMAJ28	SMAJ28C	400	31.1 38.0	1.0	5.0	28.0	8.0	50.0	40	-55~+150	SMA
SMAJ28A	SMAJ28CA	400	31.1 34.4	1.0	5.0	28.0	8.8	45.4	40	-55~+150	SMA
SMAJ30	SMAJ30C	400	33.3 40.7	1.0	5.0	30.0	7.5	53.5	40	-55~+150	SMA
SMAJ30A	SMAJ30CA	400	33.3 36.8	1.0	5.0	30.0	8.3	48.4	40	-55~+150	SMA
SMAJ33	SMAJ33C	400	36.7 44.9	1.0	5.0	33.0	6.8	59.0	40	-55~+150	SMA
SMAJ33A	SMAJ33CA	400	36.7 40.6	1.0	5.0	33.0	7.5	53.3	40	-55~+150	SMA
SMAJ36	SMAJ36C	400	40.0 48.9	1.0	5.0	36.0	6.2	64.3	40	-55~+150	SMA
SMAJ36A	SMAJ36CA	400	40.0 44.2	1.0	5.0	36.0	6.9	58.1	40	-55~+150	SMA
SMAJ40	SMAJ40C	400	44.4 54.3	1.0	5.0	40.0	5.6	71.4	40	-55~+150	SMA
SMAJ40A	SMAJ40CA	400	44.4 49.1	1.0	5.0	40.0	6.2	64.5	40	-55~+150	SMA
SMAJ43	SMAJ43C	400	47.8 58.4	1.0	5.0	43.0	5.2	76.7	40	-55~+150	SMA
SMAJ43A	SMAJ43CA	400	47.8 52.8	1.0	5.0	43.0	5.8	69.4	40	-55~+150	SMA
SMAJ45	SMAJ45C	400	50.0 61.1	1.0	5.0	45.0	5.0	80.3	40	-55~+150	SMA
SMAJ45A	SMAJ45CA	400	50.0 55.3	1.0	5.0	45.0	5.5	72.7	40	-55~+150	SMA
SMAJ48	SMAJ48C	400	53.3 65.1	1.0	5.0	48.0	4.6	85.5	40	-55~+150	SMA
SMAJ48A	SMAJ48CA	400	53.3 58.9	1.0	5.0	48.0	5.2	77.4	40	-55~+150	SMA
SMAJ51	SMAJ51C	400	56.7 69.3	1.0	5.0	51.0	4.4	91.1	40	-55~+150	SMA
SMAJ51A	SMAJ51CA	400	56.7 62.7	1.0	5.0	51.0	4.9	82.4	40	-55~+150	SMA
SMAJ54	SMAJ54C	400	60.0 73.3	1.0	5.0	54.0	4.1	96.3	40	-55~+150	SMA
SMAJ54A	SMAJ54CA	400	60.0 66.3	1.0	5.0	54.0	4.6	87.1	40	-55~+150	SMA
SMAJ58	SMAJ58C	400	64.4 78.7	1.0	5.0	58.0	3.9	103.0	40	-55~+150	SMA
SMAJ58A	SMAJ58CA	400	64.4 71.2	1.0	5.0	58.0	4.3	93.6	40	-55~+150	SMA
SMAJ60	SMAJ60C	400	66.7 81.5	1.0	5.0	60.0	3.7	107.0	40	-55~+150	SMA
SMAJ60A	SMAJ60CA	400	66.7 73.7	1.0	5.0	60.0	4.1	96.8	40	-55~+150	SMA
SMAJ64	SMAJ64C	400	71.1 86.9	1.0	5.0	64.0	3.5	114.0	40	-55~+150	SMA
SMAJ64A	SMAJ64CA	400	71.1 78.6	1.0	5.0	64.0	3.9	103.0	40	-55~+150	SMA
SMAJ70	SMAJ70C	400	77.8 95.1	1.0	5.0	70.0	3.2	125.0	40	-55~+150	SMA
SMAJ70A	SMAJ70CA	400	77.8 86.0	1.0	5.0	70.0	3.5	113.0	40	-55~+150	SMA
SMAJ75	SMAJ75C	400	83.3 102.0	1.0	5.0	75.0	3.0	134.0	40	-55~+150	SMA
SMAJ75A	SMAJ75CA	400	83.3 92.1	1.0	5.0	75.0	3.3	121.0	40	-55~+150	SMA
SMAJ78	SMAJ78C	400	86.7 106.0	1.0	5.0	78.0	2.9	139.0	40	-55~+150	SMA
SMAJ78A	SMAJ78CA	400	86.7 95.8	1.0	5.0	78.0	3.2	126.0	40	-55~+150	SMA
SMAJ80	SMAJ80C	400	88.9 108.8	1.0	5.0	80.0	2.8	143.2	40	-55~+150	SMA
SMAJ80A	SMAJ80CA	400	88.8 97.6	1.0	5.0	80.0	3.1	129.0	40	-55~+150	SMA
SMAJ85	SMAJ85C	400	94.4 115.0	1.0	5.0	85.0	2.6	151.0	40	-55~+150	SMA
SMAJ85A	SMAJ85CA	400	94.4 104.0	1.0	5.0	85.0	2.9	137.0	40	-55~+150	SMA
SMAJ90	SMAJ90C	400	100.0 122.0	1.0	5.0	90.0	2.5	160.0	40	-55~+150	SMA
SMAJ90A	SMAJ90CA	400	100.0 111.0	1.0	5.0	90.0	2.7	146.0	40	-55~+150	SMA
SMAJ100	SMAJ100C	400	111.0 136.0	1.0	5.0	100.0	2.2	179.0	40	-55~+150	SMA
SMAJ100A	SMAJ100CA	400	111.0 123.0	1.0	5.0	100.0	2.4	162.0	40	-55~+150	SMA
SMAJ110	SMAJ110C	400	122.0 149.0	1.0	5.0	110.0	2.0	196.0	40	-55~+150	SMA
SMAJ110A	SMAJ110CA	400	122.0 135.0	1.0	5.0	110.0	2.2	177.0	40	-55~+150	SMA
SMAJ120	SMAJ120C	400	133.0 163.0	1.0	5.0	120.0	1.8	214.0	40	-55~+150	SMA
SMAJ120A	SMAJ120CA	400	133.0 147.0	1.0	5.0	120.0	2.1	193.0	40	-55~+150	SMA



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**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IFSM	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
(Uni)	(Bi)	PPk(w)	Min.(V)	Max.(V)	Ir(mA)	( $\mu$ A)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package
SMAJ130	SMAJ130C	400	144.0	176.0	1.0	5.0	130.0	1.7	231.0	40	-55~+150	SMA
SMAJ130A	SMAJ130CA	400	144.0	159.0	1.0	5.0	130.0	1.9	209.0	40	-55~+150	SMA
SMAJ140	SMAJ140C	400	155.0	190.0	1.0	5.0	140.0	1.6	250.6	40	-55~+150	SMA
SMAJ140A	SMAJ140CA	400	155.0	171.0	1.0	5.0	140.0	1.7	226.8	40	-55~+150	SMA
SMAJ150	SMAJ150C	400	167.0	204	1.0	5.0	150.0	1.5	268.0	40	-55~+150	SMA
SMAJ150A	SMAJ150CA	400	167.0	185	1.0	5.0	150.0	1.6	243.0	40	-55~+150	SMA
SMAJ160	SMAJ160C	400	178.0	218	1.0	5.0	160.0	1.4	287.0	40	-55~+150	SMA
SMAJ160A	SMAJ160CA	400	178.0	197	1.0	5.0	160.0	1.5	259.0	40	-55~+150	SMA
SMAJ170	SMAJ170C	400	189.0	231	1.0	5.0	170.0	1.3	304.0	40	-55~+150	SMA
SMAJ170A	SMAJ170CA	400	189.0	209	1.0	5.0	170.0	1.4	275.0	40	-55~+150	SMA
SMAJ180	SMAJ180C	400	200.0	244	1.0	5.0	180.0	1.2	322.2	40	-55~+150	SMA
SMAJ180A	SMAJ180CA	400	200.0	220	1.0	5.0	180.0	1.3	291.6	40	-55~+150	SMA
SMAJ190	SMAJ190C	400	211.0	258	1.0	5.0	190.0	1.2	340.1	40	-55~+150	SMA
SMAJ190A	SMAJ190CA	400	211.0	232	1.0	5.0	190.0	1.3	307.8	40	-55~+150	SMA
SMAJ200A	SMAJ200CA	400	224.0	247	1.0	5.0	200.0	1.2	324.0	40	-55~+150	SMA
SMAJ220A	SMAJ220CA	400	246.0	272	1.0	5.0	220.0	1.1	356.0	40	-55~+150	SMA
SMAJ250A	SMAJ250CA	400	279.0	309	1.0	5.0	250.0	1.0	405.0	40	-55~+150	SMA
SMAJ300A	SMAJ300CA	400	335.0	371	1.0	5.0	300.0	0.8	486.0	40	-55~+150	SMA
SMAJ350A	SMAJ350CA	400	391.0	432	1.0	5.0	350.0	0.7	567.0	40	-55~+150	SMA
SMAJ400A	SMAJ400CA	400	447.0	494	1.0	5.0	400.0	0.6	648.0	40	-55~+150	SMA
SMAJ440A	SMAJ440CA	400	492.0	543	1.0	5.0	440.0	0.5	713.0	40	-55~+150	SMA
P4SMA6.8A	P4SMA6.8CA	400	6.46	7.14	10.0	1000.0	5.8	38.1	10.5	40	-55~+150	SMA
P4SMA7.5A	P4SMA7.5CA	400	7.13	7.88	10.0	500.0	6.4	35.4	11.3	40	-55~+150	SMA
P4SMA8.2A	P4SMA8.2CA	400	7.79	8.61	10.0	200.0	7.0	33.0	12.1	40	-55~+150	SMA
P4SMA9.1A	P4SMA9.1CA	400	8.65	9.56	1.0	50.0	7.8	29.8	13.4	40	-55~+150	SMA
P4SMA10A	P4SMA10CA	400	9.50	10.5	1.0	10.0	8.6	27.6	14.5	40	-55~+150	SMA
P4SMA11A	P4SMA11CA	400	10.45	11.55	1.0	5.0	9.4	25.6	15.6	40	-55~+150	SMA
P4SMA12A	P4SMA12CA	400	11.40	12.6	1.0	5.0	10.2	23.9	16.7	40	-55~+150	SMA
P4SMA13A	P4SMA13CA	400	12.35	13.65	1.0	5.0	11.1	22.0	18.2	40	-55~+150	SMA
P4SMA15A	P4SMA15CA	400	14.25	15.75	1.0	5.0	12.8	18.8	21.2	40	-55~+150	SMA
P4SMA16A	P4SMA16CA	400	15.20	16.8	1.0	5.0	13.6	17.7	22.5	40	-55~+150	SMA
P4SMA18A	P4SMA18CA	400	17.10	18.9	1.0	5.0	15.3	15.8	25.2	40	-55~+150	SMA
P4SMA20A	P4SMA20CA	400	19.00	21.0	1.0	5.0	17.1	14.4	27.7	40	-55~+150	SMA
P4SMA22A	P4SMA22CA	400	20.90	23.1	1.0	5.0	18.8	13.0	30.6	40	-55~+150	SMA
P4SMA24A	P4SMA24CA	400	22.80	25.20	1.0	5.0	20.5	12.0	33.2	40	-55~+150	SMA
P4SMA27A	P4SMA27CA	400	25.65	28.35	1.0	5.0	23.1	10.6	37.5	40	-55~+150	SMA
P4SMA30A	P4SMA30CA	400	28.50	31.5	1.0	5.0	25.6	9.6	41.4	40	-55~+150	SMA
P4SMA33A	P4SMA33CA	400	31.35	34.65	1.0	5.0	28.2	8.7	45.7	40	-55~+150	SMA
P4SMA36A	P4SMA36CA	400	34.20	37.8	1.0	5.0	30.8	8.0	49.9	40	-55~+150	SMA
P4SMA39A	P4SMA39CA	400	37.05	40.95	1.0	5.0	33.3	7.4	53.9	40	-55~+150	SMA
P4SMA43A	P4SMA43CA	400	40.85	45.15	1.0	5.0	36.8	6.7	59.3	40	-55~+150	SMA
P4SMA47A	P4SMA47CA	400	44.65	49.35	1.0	5.0	40.2	6.1	64.8	40	-55~+150	SMA
P4SMA51A	P4SMA51CA	400	48.45	53.55	1.0	5.0	43.6	5.7	70.1	40	-55~+150	SMA
P4SMA56A	P4SMA56CA	400	53.20	58.8	1.0	5.0	47.8	5.2	77.0	40	-55~+150	SMA



SMA

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IFSM	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
(Uni)	(Bi)	PPk(w)	Min.(V)	Max.(V)	Ir(mA)	( $\mu$ A)	VRWM(V)	IPP(A)	(V)	(A)	Tj(°C)	封装 Package
P4SMA62A	P4SMA62CA	400	58.90	65.1	1.0	5.0	53.0	4.7	85.0	40	-55~+150	SMA
P4SMA68A	P4SMA68CA	400	64.60	71.4	1.0	5.0	58.1	4.3	92.0	40	-55~+150	SMA
P4SMA75A	P4SMA75CA	400	71.25	78.75	1.0	5.0	64.1	3.9	103.0	40	-55~+150	SMA
P4SMA82A	P4SMA82CA	400	77.90	86.1	1.0	5.0	70.1	3.5	113.0	40	-55~+150	SMA
P4SMA91A	P4SMA91CA	400	86.45	95.55	1.0	5.0	77.8	3.2	125.0	40	-55~+150	SMA
P4SMA100A	P4SMA100CA	400	95.00	105.0	1.0	5.0	85.5	2.9	137.0	40	-55~+150	SMA
P4SMA110A	P4SMA110CA	400	104.50	115.5	1.0	5.0	94.0	2.6	152.0	40	-55~+150	SMA
P4SMA120A	P4SMA120CA	400	114.0	126.0	1.0	5.0	102.0	2.4	165.0	40	-55~+150	SMA
P4SMA130A	P4SMA130CA	400	123.50	136.5	1.0	5.0	111.0	2.2	179.0	40	-55~+150	SMA
P4SMA150A	P4SMA150CA	400	142.50	157.5	1.0	5.0	128.0	1.9	207.0	40	-55~+150	SMA
P4SMA160A	P4SMA160CA	400	152.0	168.0	1.0	5.0	136.0	1.8	219.0	40	-55~+150	SMA
P4SMA170A	P4SMA170CA	400	161.50	178.5	1.0	5.0	145.0	1.7	234.0	40	-55~+150	SMA
P4SMA180A	P4SMA180CA	400	171.0	189.0	1.0	5.0	154.0	1.6	246.0	40	-55~+150	SMA
SMBJ5.0	SMBJ5.0C	600	6.40	7.3	1.0	800.0	5.0	62.5	9.6	100	-55~+150	SMB
SMBJ5.0A	SMBJ5.0CA	600	6.40	7.25	1.0	800.0	5.0	65.2	9.2	100	-55~+150	SMB
SMBJ6.0	SMBJ6.0C	600	6.67	8.15	1.0	800.0	6.0	52.6	11.4	100	-55~+150	SMB
SMBJ6.0A	SMBJ6.0CA	600	6.67	7.37	1.0	800.0	6.0	58.3	10.3	100	-55~+150	SMB
SMBJ6.5	SMBJ6.5C	600	7.22	8.82	1.0	800.0	6.5	48.8	12.3	100	-55~+150	SMB
SMBJ6.5A	SMBJ6.5CA	600	7.22	7.98	1.0	500.0	6.5	53.6	11.2	100	-55~+150	SMB
SMBJ7.0	SMBJ7.0C	600	7.78	9.51	1.0	500.0	7.0	45.1	13.3	100	-55~+150	SMB
SMBJ7.0A	SMBJ7.0CA	600	7.78	8.6	1.0	200.0	7.0	50.0	12.0	100	-55~+150	SMB
SMBJ7.5	SMBJ7.5C	600	8.33	10.2	1.0	200.0	7.5	42.0	14.3	100	-55~+150	SMB
SMBJ7.5A	SMBJ7.5CA	600	8.33	9.21	1.0	100.0	7.5	46.5	12.9	100	-55~+150	SMB
SMBJ8.0	SMBJ8.0C	600	8.89	10.9	1.0	100.0	8.0	40.0	15.0	100	-55~+150	SMB
SMBJ8.0A	SMBJ8.0CA	600	8.89	9.83	1.0	50.0	8.0	44.1	13.6	100	-55~+150	SMB
SMBJ8.5	SMBJ8.5C	600	9.44	11.5	1.0	50.0	8.5	37.7	15.9	100	-55~+150	SMB
SMBJ8.5A	SMBJ8.5CA	600	9.44	10.4	1.0	10.0	8.5	41.7	14.4	100	-55~+150	SMB
SMBJ9.0	SMBJ9.0C	600	10.0	12.2	1.0	10.0	9.0	35.5	16.9	100	-55~+150	SMB
SMBJ9.0A	SMBJ9.0CA	600	10.0	11.1	1.0	5.0	9.0	39.0	15.4	100	-55~+150	SMB
SMBJ10	SMBJ10C	600	11.1	13.6	1.0	5.0	10.0	31.9	18.8	100	-55~+150	SMB
SMBJ10A	SMBJ10CA	600	11.1	12.3	1.0	5.0	10.0	35.3	17.0	100	-55~+150	SMB
SMBJ11	SMBJ11C	600	12.2	14.9	1.0	5.0	11.0	29.8	20.1	100	-55~+150	SMB
SMBJ11A	SMBJ11CA	600	12.2	13.5	1.0	5.0	11.0	33.0	18.2	100	-55~+150	SMB
SMBJ12	SMBJ12C	600	13.	16.3	1.0	5.0	12.0	27.3	22.0	100	-55~+150	SMB
SMBJ12A	SMBJ12CA	600	13.3	14.7	1.0	5.0	12.0	30.2	19.9	100	-55~+150	SMB
SMBJ13	SMBJ13C	600	14.4	17.6	1.0	5.0	13.0	25.2	23.8	100	-55~+150	SMB
SMBJ13A	SMBJ13CA	600	14.4	15.9	1.0	5.0	13.0	27.9	21.5	100	-55~+150	SMB
SMBJ14	SMBJ14C	600	15.6	19.1	1.0	5.0	14.0	23.2	25.8	100	-55~+150	SMB
SMBJ14A	SMBJ14CA	600	15.6	17.2	1.0	5.0	14.0	25.9	23.2	100	-55~+150	SMB
SMBJ15	SMBJ15C	600	16.7	20.4	1.0	5.0	15.0	22.3	26.9	100	-55~+150	SMB
SMBJ15A	SMBJ15CA	600	16.7	18.5	1.0	5.0	15.0	24.6	24.4	100	-55~+150	SMB
SMBJ16	SMBJ16C	600	17.8	21.8	1.0	5.0	16.0	20.8	28.8	100	-55~+150	SMB
SMBJ16A	SMBJ16CA	600	17.8	19.7	1.0	5.0	16.0	23.1	26.0	100	-55~+150	SMB
SMBJ17	SMBJ17C	600	18.9	23.1	1.0	5.0	17.0	19.6	30.5	100	-55~+150	SMB



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @Ipp	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMBJ17A	SMBJ17CA	600	18.9	20.9	1.0	5.0	17.0	21.7	27.6	100	-55~+150	SMB
SMBJ18	SMBJ18C	600	20.0	24.4	1.0	5.0	18.0	18.6	32.2	100	-55~+150	SMB
SMBJ18A	SMBJ18CA	600	20.0	22.1	1.0	5.0	18.0	20.6	29.2	100	-55~+150	SMB
SMBJ19	SMBJ19C	600	21.1	25.7	1.0	5.0	19.0	17.6	34.0	100	-55~+150	SMB
SMBJ19A	SMBJ19CA	600	21.1	23.3	1.0	5.0	19.0	19.5	30.8	100	-55~+150	SMB
SMBJ20	SMBJ20C	600	22.2	27.1	1.0	5.0	20.0	16.7	35.8	100	-55~+150	SMB
SMBJ20A	SMBJ20CA	600	22.2	24.5	1.0	5.0	20.0	18.5	32.4	100	-55~+150	SMB
SMBJ22	SMBJ22C	600	24.4	29.8	1.0	5.0	22.0	15.2	39.4	100	-55~+150	SMB
SMBJ22A	SMBJ22CA	600	24.4	26.9	1.0	5.0	22.0	16.9	35.5	100	-55~+150	SMB
SMBJ24	SMBJ24C	600	26.7	32.6	1.0	5.0	24.0	14.0	43.0	100	-55~+150	SMB
SMBJ24A	SMBJ24CA	600	26.7	29.5	1.0	5.0	24.0	15.4	38.9	100	-55~+150	SMB
SMBJ26	SMBJ26C	600	28.9	35.3	1.0	5.0	26.0	12.9	46.6	100	-55~+150	SMB
SMBJ26A	SMBJ26CA	600	28.9	31.9	1.0	5.0	26.0	14.3	42.1	100	-55~+150	SMB
SMBJ28	SMBJ28C	600	31.1	38.0	1.0	5.0	28.0	12.0	50.0	100	-55~+150	SMB
SMBJ28A	SMBJ28CA	600	31.1	34.4	1.0	5.0	28.0	13.2	45.4	100	-55~+150	SMB
SMBJ30	SMBJ30C	600	33.3	40.7	1.0	5.0	30.0	11.2	53.5	100	-55~+150	SMB
SMBJ30A	SMBJ30CA	600	33.3	36.8	1.0	5.0	30.0	12.4	48.4	100	-55~+150	SMB
SMBJ33	SMBJ33C	600	36.7	44.9	1.0	5.0	33.0	10.2	59.0	100	-55~+150	SMB
SMBJ33A	SMBJ33CA	600	36.7	40.6	1.0	5.0	33.0	11.3	53.3	100	-55~+150	SMB
SMBJ36	SMBJ36C	600	40.0	48.9	1.0	5.0	36.0	9.3	64.3	100	-55~+150	SMB
SMBJ36A	SMBJ36CA	600	40.0	44.2	1.0	5.0	36.0	10.3	58.1	100	-55~+150	SMB
SMBJ40	SMBJ40C	600	44.4	54.3	1.0	5.0	40.0	8.4	71.4	100	-55~+150	SMB
SMBJ40A	SMBJ40CA	600	44.4	49.1	1.0	5.0	40.0	9.3	64.5	100	-55~+150	SMB
SMBJ43	SMBJ43C	600	47.8	58.4	1.0	5.0	43.0	7.8	76.7	100	-55~+150	SMB
SMBJ43A	SMBJ43CA	600	47.8	52.8	1.0	5.0	43.0	8.6	69.4	100	-55~+150	SMB
SMBJ45	SMBJ45C	600	50.0	61.1	1.0	5.0	45.0	7.5	80.3	100	-55~+150	SMB
SMBJ45A	SMBJ45CA	600	50.0	55.3	1.0	5.0	45.0	8.3	72.7	100	-55~+150	SMB
SMBJ48	SMBJ48C	600	53.3	65.1	1.0	5.0	48.0	7.0	85.5	100	-55~+150	SMB
SMBJ48A	SMBJ48CA	600	53.3	58.9	1.0	5.0	48.0	7.8	77.4	100	-55~+150	SMB
SMBJ51	SMBJ51C	600	56.7	69.3	1.0	5.0	51.0	6.6	91.1	100	-55~+150	SMB
SMBJ51A	SMBJ51CA	600	56.7	62.7	1.0	5.0	51.0	7.3	82.4	100	-55~+150	SMB
SMBJ54	SMBJ54C	600	60.0	73.3	1.0	5.0	54.0	6.2	96.3	100	-55~+150	SMB
SMBJ54A	SMBJ54CA	600	60.0	66.3	1.0	5.0	54.0	6.9	87.1	100	-55~+150	SMB
SMBJ58	SMBJ58C	600	64.4	78.7	1.0	5.0	58.0	5.8	103.0	100	-55~+150	SMB
SMBJ58A	SMBJ58CA	600	64.4	71.2	1.0	5.0	58.0	6.4	93.6	100	-55~+150	SMB
SMBJ60	SMBJ60C	600	66.7	81.5	1.0	5.0	60.0	5.6	107.0	100	-55~+150	SMB
SMBJ60A	SMBJ60CA	600	66.7	73.7	1.0	5.0	60.0	6.2	96.8	100	-55~+150	SMB
SMBJ64	SMBJ64C	600	71.1	86.9	1.0	5.0	64.0	5.2	114.0	100	-55~+150	SMB
SMBJ64A	SMBJ64CA	600	71.1	78.6	1.0	5.0	64.0	5.8	103.0	100	-55~+150	SMB
SMBJ70	SMBJ70C	600	77.8	95.1	1.0	5.0	70.0	4.8	125.0	100	-55~+150	SMB
SMBJ70A	SMBJ70CA	600	77.8	86.0	1.0	5.0	70.0	5.3	113.0	100	-55~+150	SMB
SMBJ75	SMBJ75C	600	83.3	102.0	1.0	5.0	75.0	4.5	134.0	100	-55~+150	SMB
SMBJ75A	SMBJ75CA	600	83.3	92.1	1.0	5.0	75.0	5.0	121.0	100	-55~+150	SMB
SMBJ78	SMBJ78C	600	86.7	106.0	1.0	5.0	78.0	4.3	139.0	100	-55~+150	SMB



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TRANSIENT VOLTAGE SUPPRESSORS

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Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMBJ78A	SMBJ78CA	600	86.7	95.8	1.0	5.0	78.0	4.8	126.0	100	-55~+150	SMB
SMBJ80	SMBJ80C	600	88.9	108.8	1.0	5.0	80.0	4.2	143.2	100	-55~+150	SMB
SMBJ80A	SMBJ80CA	600	88.8	97.6	1.0	5.0	80.0	4.6	129.6	100	-55~+150	SMB
SMBJ85	SMBJ85C	600	94.4	115.0	1.0	5.0	85.0	4.0	151.0	100	-55~+150	SMB
SMBJ85A	SMBJ85CA	600	94.4	104.0	1.0	5.0	85.0	4.4	137.0	100	-55~+150	SMB
SMBJ90	SMBJ90C	600	100.0	122.0	1.0	5.0	90.0	3.7	160.0	100	-55~+150	SMB
SMBJ90A	SMBJ90CA	600	100.0	111.0	1.0	5.0	90.0	4.1	146.0	100	-55~+150	SMB
SMBJ100	SMBJ100C	600	111.0	136.0	1.0	5.0	100.0	3.3	179.0	100	-55~+150	SMB
SMBJ100A	SMBJ100CA	600	111.0	123.0	1.0	5.0	100.0	3.7	162.0	100	-55~+150	SMB
SMBJ110	SMBJ110C	600	122.0	149.0	1.0	5.0	110.0	3.1	196.0	100	-55~+150	SMB
SMBJ110A	SMBJ110CA	600	122.0	135.0	1.0	5.0	110.0	3.4	177.0	100	-55~+150	SMB
SMBJ120	SMBJ120C	600	133.0	163.0	1.0	5.0	120.0	2.8	214.0	100	-55~+150	SMB
SMBJ120A	SMBJ120CA	600	133.0	147.0	1.0	5.0	120.0	3.1	193.0	100	-55~+150	SMB
SMBJ130	SMBJ130C	600	144.0	176.0	1.0	5.0	130.0	2.6	231.0	100	-55~+150	SMB
SMBJ130A	SMBJ130CA	600	144.0	159.0	1.0	5.0	130.0	2.9	209.0	100	-55~+150	SMB
SMBJ140	SMBJ140C	600	155.0	190.4	1.0	5.0	140.0	2.4	250.6	100	-55~+150	SMB
SMBJ140A	SMBJ140CA	600	155.0	171.0	1.0	5.0	140.0	2.6	226.8	100	-55~+150	SMB
SMBJ150	SMBJ150C	600	167.0	204.0	1.0	5.0	150.0	2.2	268.0	100	-55~+150	SMB
SMBJ150A	SMBJ150CA	600	167.0	185.0	1.0	5.0	150.0	2.5	243.0	100	-55~+150	SMB
SMBJ160	SMBJ160C	600	178.0	218.0	1.0	5.0	160.0	2.1	287.0	100	-55~+150	SMB
SMBJ160A	SMBJ160CA	600	178.0	197.0	1.0	5.0	160.0	2.3	259.0	100	-55~+150	SMB
SMBJ170	SMBJ170C	600	189.0	231.0	1.0	5.0	170.0	2.0	304.0	100	-55~+150	SMB
SMBJ170A	SMBJ170CA	600	189.0	209.0	1.0	5.0	170.0	2.2	275.0	100	-55~+150	SMB
SMBJ180	SMBJ180C	600	200.0	244.8	1.0	5.0	180.0	1.8	322.2	100	-55~+150	SMB
SMBJ180A	SMBJ180CA	600	200.0	220.0	1.0	5.0	180.0	2.1	291.6	100	-55~+150	SMB
SMBJ190	SMBJ190C	600	211.0	258.4	1.0	5.0	190.0	1.7	340.1	100	-55~+150	SMB
SMBJ190A	SMBJ190CA	600	211.0	232.0	1.0	5.0	190.0	1.9	307.8	100	-55~+150	SMB
SMBJ200A	SMBJ200CA	600	224.0	247.0	1.0	5.0	200.0	1.8	324.0	100	-55~+150	SMB
SMBJ220A	SMBJ220CA	600	246.0	272.0	1.0	5.0	220.0	1.7	356.0	100	-55~+150	SMB
SMBJ250A	SMBJ250CA	600	279.0	309.0	1.0	5.0	250.0	1.5	405.0	100	-55~+150	SMB
SMBJ300A	SMBJ300CA	600	335.0	371.0	1.0	5.0	300.0	1.2	486.0	100	-55~+150	SMB
SMBJ350A	SMBJ350CA	600	391.0	432.0	1.0	5.0	350.0	1.0	567.0	100	-55~+150	SMB
SMBJ400A	SMBJ400CA	600	447.0	494	1.0	5.0	400.0	0.9	648.0	100	-55~+150	SMB
SMBJ440A	SMBJ440CA	600	492.0	543.0	1.0	5.0	440.0	0.8	713.0	100	-55~+150	SMB
P6SMB6.8A	P6SMB6.8CA	600	6.46	7.14	10.0	1000.0	5.8	57.1	10.5	100	-55~+150	SMB
P6SMB7.5A	P6SMB7.5CA	600	7.13	7.88	10.0	500.0	6.4	53.1	11.3	100	-55~+150	SMB
P6SMB8.2A	P6SMB8.2CA	600	7.79	8.61	10.0	200.0	7.0	49.6	12.1	100	-55~+150	SMB
P6SMB9.1A	P6SMB9.1CA	600	8.65	9.56	1.0	50.0	7.8	44.7	13.4	100	-55~+150	SMB
P6SMB10A	P6SMB10CA	600	9.50	10.5	1.0	10.0	8.6	41.3	14.5	100	-55~+150	SMB
P6SMB11A	P6SMB11CA	600	10.45	11.55	1.0	5.0	9.4	38.4	15.6	100	-55~+150	SMB
P6SMB12A	P6SMB12CA	600	11.40	12.6	1.0	5.0	10.2	35.9	16.7	100	-55~+150	SMB
P6SMB13A	P6SMB13CA	600	12.35	13.65	1.0	5.0	11.1	32.9	18.2	100	-55~+150	SMB
P6SMB15A	P6SMB15CA	600	14.25	15.75	1.0	5.0	12.8	28.3	21.2	100	-55~+150	SMB
P6SMB16A	P6SMB16CA	600	15.20	16.8	1.0	5.0	13.6	26.6	22.5	100	-55~+150	SMB



SMB

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TRANSIENT VOLTAGE SUPPRESSORS

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Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
P6SMB18A	P6SMB18CA	600	17.10	18.9	1.0	5.0	15.3	23.8	25.2	100	-55~+150	SMB
P6SMB20A	P6SMB20CA	600	19.00	21.0	1.0	5.0	17.1	21.6	27.7	100	-55~+150	SMB
P6SMB22A	P6SMB22CA	600	20.90	23.1	1.0	5.0	18.8	19.6	30.6	100	-55~+150	SMB
P6SMB24A	P6SMB24CA	600	22.80	25.20	1.0	5.0	20.5	18.1	33.2	100	-55~+150	SMB
P6SMB27A	P6SMB27CA	600	25.65	28.35	1.0	5.0	23.1	16.0	37.5	100	-55~+150	SMB
P6SMB30A	P6SMB30CA	600	28.50	31.5	1.0	5.0	25.6	14.5	41.4	100	-55~+150	SMB
P6SMB33A	P6SMB33CA	600	31.35	34.65	1.0	5.0	28.2	13.1	45.7	100	-55~+150	SMB
P6SMB36A	P6SMB36CA	600	34.20	37.8	1.0	5.0	30.8	12.0	49.9	100	-55~+150	SMB
P6SMB39A	P6SMB39CA	600	37.05	40.95	1.0	5.0	33.3	11.1	53.9	100	-55~+150	SMB
P6SMB43A	P6SMB43CA	600	40.85	45.15	1.0	5.0	36.8	10.1	59.3	100	-55~+150	SMB
P6SMB47A	P6SMB47CA	600	44.65	49.35	1.0	5.0	40.2	9.2	64.8	100	-55~+150	SMB
P6SMB51A	P6SMB51CA	600	48.45	53.55	1.0	5.0	43.6	8.5	70.1	100	-55~+150	SMB
P6SMB56A	P6SMB56CA	600	53.20	58.8	1.0	5.0	47.8	7.8	77.0	100	-55~+150	SMB
P6SMB62A	P6SMB62CA	600	58.90	65.1	1.0	5.0	53.0	7.0	85.0	100	-55~+150	SMB
P6SMB68A	P6SMB68CA	600	64.60	71.4	1.0	5.0	58.1	6.5	92.0	100	-55~+150	SMB
P6SMB75A	P6SMB75CA	600	71.25	78.75	1.0	5.0	64.1	5.8	103.0	100	-55~+150	SMB
P6SMB82A	P6SMB82CA	600	77.90	86.1	1.0	5.0	70.1	5.3	113.0	100	-55~+150	SMB
P6SMB91A	P6SMB91CA	600	86.45	95.55	1.0	5.0	77.8	4.8	125.0	100	-55~+150	SMB
P6SMB100A	P6SMB100CA	600	95.00	105.0	1.0	5.0	85.5	4.3	137.0	100	-55~+150	SMB
P6SMB110A	P6SMB110CA	600	104.50	115.5	1.0	5.0	94.0	3.9	152.0	100	-55~+150	SMB
P6SMB120A	P6SMB120CA	600	114.0	126.0	1.0	5.0	102.0	3.6	165.0	100	-55~+150	SMB
P6SMB130A	P6SMB130CA	600	123.50	136.5	1.0	5.0	111.0	3.3	179.0	100	-55~+150	SMB
P6SMB150A	P6SMB150CA	600	142.50	157.5	1.0	5.0	128.0	2.9	207.0	100	-55~+150	SMB
P6SMB160A	P6SMB160CA	600	152.0	168.0	1.0	5.0	136.0	2.7	219.0	100	-55~+150	SMB
P6SMB170A	P6SMB170CA	600	161.50	178.5	1.0	5.0	145.0	2.5	234.0	100	-55~+150	SMB
P6SMB180A	P6SMB180CA	600	171.0	189.0	1.0	5.0	154.0	2.4	246.0	100	-55~+150	SMB
P6SMB200A	P6SMB200CA	600	190.0	210.0	1.0	5.0	171.0	2.2	274.0	100	-55~+150	SMB
P6SMB220A	P6SMB220CA	600	209.0	231.0	1.0	5.0	185.0	1.8	328.0	100	-55~+150	SMB
P6SMB250A	P6SMB250CA	600	237.50	262.5	1.0	5.0	214.0	1.7	344.0	100	-55~+150	SMB
P6SMB300A	P6SMB300CA	600	285.0	315.0	1.0	5.0	256.0	1.4	414.0	100	-55~+150	SMB
P6SMB350A	P6SMB350CA	600	332.50	367.5	1.0	5.0	299.3	1.2	482.0	100	-55~+150	SMB
P6SMB380A	P6SMB380CA	600	361.0	399.0	1.0	5.0	324.9	1.1	524.4	100	-55~+150	SMB
P6SMB400A	P6SMB400CA	600	380.0	420.0	1.0	5.0	342.0	1.1	548.0	100	-55~+150	SMB
P6SMB440A	P6SMB440CA	600	418.0	462.0	1.0	5.0	376.2	1.0	607.2	100	-55~+150	SMB
P6SMB500A	P6SMB500CA	600	475.0	525.0	1.0	5.0	427.5	0.8	690.0	100	-55~+150	SMB
P6SMB520A	P6SMB520CA	600	494.0	546.0	1.0	5.0	444.6	0.8	717.6	100	-55~+150	SMB
P6SMB550A	P6SMB550CA	600	522.5	577.5	1.0	5.0	470.3	0.8	759.0	100	-55~+150	SMB
P6SMB600A	P6SMB600CA	600	570.0	630.0	1.0	5.0	513.0	0.7	828.0	100	-55~+150	SMB
SMCJ5.0	SMCJ5.0C	1500	6.40	7.3	10.0	1000.0	5.0	156.2	9.6	200	-55~+150	SMC
SMCJ5.0A	SMCJ5.0CA	1500	6.40	7.25	10.0	1000.0	5.0	163.0	9.2	200	-55~+150	SMC
SMCJ6.0	SMCJ6.0C	1500	6.67	8.15	10.0	1000.0	6.0	131.6	11.4	200	-55~+150	SMC
SMCJ6.0A	SMCJ6.0CA	1500	6.67	7.37	10.0	1000.0	6.0	145.6	10.3	200	-55~+150	SMC
SMCJ6.5	SMCJ6.5C	1500	7.22	8.82	10.0	500.0	6.5	121.9	12.3	200	-55~+150	SMC
SMCJ6.5A	SMCJ6.5CA	1500	7.22	7.98	10.0	500.0	6.5	133.9	11.2	200	-55~+150	SMC



SMB



SMC

瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMCJ7.0	SMCJ7.0C	1500	7.78	9.51	10.0	200.0	7.0	112.7	13.3	200	-55~+150	SMC
SMCJ7.0A	SMCJ7.0CA	1500	7.78	8.6	1.0	200.0	7.0	125.0	12.0	200	-55~+150	SMC
SMCJ7.5	SMCJ7.5C	1500	8.33	10.2	1.0	100.0	7.5	104.9	14.3	200	-55~+150	SMC
SMCJ7.5A	SMCJ7.5CA	1500	8.33	9.21	1.0	100.0	7.5	116.3	12.9	200	-55~+150	SMC
SMCJ8.0	SMCJ8.0C	1500	8.89	10.9	1.0	50.0	8.0	100.0	15.0	200	-55~+150	SMC
SMCJ8.0A	SMCJ8.0CA	1500	8.89	9.83	1.0	50.0	8.0	110.3	13.6	200	-55~+150	SMC
SMCJ8.5	SMCJ8.5C	1500	9.44	11.5	1.0	20.0	8.5	94.3	15.9	200	-55~+150	SMC
SMCJ8.5A	SMCJ8.5CA	1500	9.44	10.4	1.0	20.0	8.5	104.2	14.4	200	-55~+150	SMC
SMCJ9.0	SMCJ9.0C	1500	10.0	12.2	1.0	10.0	9.0	88.7	16.9	200	-55~+150	SMC
SMCJ9.0A	SMCJ9.0CA	1500	10.0	11.1	1.0	10.0	9.0	97.4	15.4	200	-55~+150	SMC
SMCJ10	SMCJ10C	1500	11.1	13.6	1.0	5.0	10.0	79.8	18.8	200	-55~+150	SMC
SMCJ10A	SMCJ10CA	1500	11.1	12.3	1.0	5.0	10.0	88.2	17.0	200	-55~+150	SMC
SMCJ11	SMCJ11C	1500	12.2	14.9	1.0	5.0	11.0	74.6	20.1	200	-55~+150	SMC
SMCJ11A	SMCJ11CA	1500	12.2	13.5	1.0	5.0	11.0	82.4	18.2	200	-55~+150	SMC
SMCJ12	SMCJ12C	1500	13.0	16.3	1.0	5.0	12.0	68.2	22.0	200	-55~+150	SMC
SMCJ12A	SMCJ12CA	1500	13.3	14.7	1.0	5.0	12.0	75.4	19.9	200	-55~+150	SMC
SMCJ13	SMCJ13C	1500	14.4	17.6	1.0	5.0	13.0	63.0	23.8	200	-55~+150	SMC
SMCJ13A	SMCJ13CA	1500	14.4	15.9	1.0	5.0	13.0	69.8	21.5	200	-55~+150	SMC
SMCJ14	SMCJ14C	1500	15.6	19.1	1.0	5.0	14.0	58.1	25.8	200	-55~+150	SMC
SMCJ14A	SMCJ14CA	1500	15.6	17.2	1.0	5.0	14.0	64.7	23.2	200	-55~+150	SMC
SMCJ15	SMCJ15C	1500	16.7	20.4	1.0	5.0	15.0	55.7	26.9	200	-55~+150	SMC
SMCJ15A	SMCJ15CA	1500	16.7	18.5	1.0	5.0	15.0	61.5	24.4	200	-55~+150	SMC
SMCJ16	SMCJ16C	1500	17.8	21.8	1.0	5.0	16.0	52.1	28.8	200	-55~+150	SMC
SMCJ16A	SMCJ16CA	1500	17.8	19.7	1.0	5.0	16.0	57.7	26.0	200	-55~+150	SMC
SMCJ17	SMCJ17C	1500	18.9	23.1	1.0	5.0	17.0	49.2	30.5	200	-55~+150	SMC
SMCJ17A	SMCJ17CA	1500	18.9	20.9	1.0	5.0	17.0	54.3	27.6	200	-55~+150	SMC
SMCJ18	SMCJ18C	1500	20.0	24.4	1.0	5.0	18.0	46.5	32.2	200	-55~+150	SMC
SMCJ18A	SMCJ18CA	1500	20.0	22.1	1.0	5.0	18.0	51.4	29.2	200	-55~+150	SMC
SMCJ19	SMCJ19C	1500	21.1	25.7	1.0	5.0	19.0	44.1	34.0	200	-55~+150	SMC
SMCJ19A	SMCJ19CA	1500	21.1	23.3	1.0	5.0	19.0	48.7	30.8	200	-55~+150	SMC
SMCJ20	SMCJ20C	1500	22.2	27.1	1.0	5.0	20.0	41.9	35.8	200	-55~+150	SMC
SMCJ20A	SMCJ20CA	1500	22.2	24.5	1.0	5.0	20.0	46.3	32.4	200	-55~+150	SMC
SMCJ22	SMCJ22C	1500	24.4	29.8	1.0	5.0	22.0	38.1	39.4	200	-55~+150	SMC
SMCJ22A	SMCJ22CA	1500	24.4	26.9	1.0	5.0	22.0	42.3	35.5	200	-55~+150	SMC
SMCJ24	SMCJ24C	1500	26.7	32.6	1.0	5.0	24.0	34.9	43.0	200	-55~+150	SMC
SMCJ24A	SMCJ24CA	1500	26.7	29.5	1.0	5.0	24.0	38.6	38.9	200	-55~+150	SMC
SMCJ26	SMCJ26C	1500	28.9	35.3	1.0	5.0	26.0	32.2	46.6	200	-55~+150	SMC
SMCJ26A	SMCJ26CA	1500	28.9	31.9	1.0	5.0	26.0	35.6	42.1	200	-55~+150	SMC
SMCJ28	SMCJ28C	1500	31.1	38.0	1.0	5.0	28.0	30.0	50.0	200	-55~+150	SMC
SMCJ28A	SMCJ28CA	1500	31.1	34.4	1.0	5.0	28.0	33.0	45.4	200	-55~+150	SMC
SMCJ30	SMCJ30C	1500	33.3	40.7	1.0	5.0	30.0	28.0	53.5	200	-55~+150	SMC
SMCJ30A	SMCJ30CA	1500	33.3	36.8	1.0	5.0	30.0	31.0	48.4	200	-55~+150	SMC
SMCJ33	SMCJ33C	1500	36.7	44.9	1.0	5.0	33.0	25.4	59.0	200	-55~+150	SMC
SMCJ33A	SMCJ33CA	1500	36.7	40.6	1.0	5.0	33.0	28.1	53.3	200	-55~+150	SMC



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TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC@IPP	工作温度范围 Operating Temp. Range	正向浪涌电流 IFSM	封装 Package
(Uni)	(Bi)	PPk(W)	Min.(V) Max.(V) Ir(mA)	(μA) VRWM(V)	IPP(A)	(V)	Tj(°C)	(A)	
SMCJ36	SMCJ36C	1500	40.0 48.9 1.0	5.0 36.0	23.3	64.3	-55~+150	200	SMC
SMCJ36A	SMCJ36CA	1500	40.0 44.2 1.0	5.0 36.0	25.8	58.1	-55~+150	200	SMC
SMCJ40	SMCJ40C	1500	44.4 54.3 1.0	5.0 40.0	21.0	71.4	-55~+150	200	SMC
SMCJ40A	SMCJ40CA	1500	44.4 49.1 1.0	5.0 40.0	23.3	64.5	-55~+150	200	SMC
SMCJ43	SMCJ43C	1500	47.8 58.4 1.0	5.0 43.0	19.6	76.7	-55~+150	200	SMC
SMCJ43A	SMCJ43CA	1500	47.8 52.8 1.0	5.0 43.0	21.6	69.4	-55~+150	200	SMC
SMCJ45	SMCJ45C	1500	50.0 61.1 1.0	5.0 45.0	18.7	80.3	-55~+150	200	SMC
SMCJ45A	SMCJ45CA	1500	50.0 55.3 1.0	5.0 45.0	20.6	72.7	-55~+150	200	SMC
SMCJ48	SMCJ48C	1500	53.3 65.1 1.0	5.0 48.0	17.5	85.5	-55~+150	200	SMC
SMCJ48A	SMCJ48CA	1500	53.3 58.9 1.0	5.0 48.0	19.4	77.4	-55~+150	200	SMC
SMCJ51	SMCJ51C	1500	56.7 69.3 1.0	5.0 51.0	16.4	91.1	-55~+150	200	SMC
SMCJ51A	SMCJ51CA	1500	56.7 62.7 1.0	5.0 51.0	18.2	82.4	-55~+150	200	SMC
SMCJ54	SMCJ54C	1500	60.0 73.3 1.0	5.0 54.0	15.5	96.3	-55~+150	200	SMC
SMCJ54A	SMCJ54CA	1500	60.0 66.3 1.0	5.0 54.0	17.2	87.1	-55~+150	200	SMC
SMCJ58	SMCJ58C	1500	64.4 78.7 1.0	5.0 58.0	14.5	103.0	-55~+150	200	SMC
SMCJ58A	SMCJ58CA	1500	64.4 71.2 1.0	5.0 58.0	16.0	93.6	-55~+150	200	SMC
SMCJ60	SMCJ60C	1500	66.7 81.5 1.0	5.0 60.0	14.0	107.0	-55~+150	200	SMC
SMCJ60A	SMCJ60CA	1500	66.7 73.7 1.0	5.0 60.0	15.5	96.8	-55~+150	200	SMC
SMCJ64	SMCJ64C	1500	71.1 86.9 1.0	5.0 64.0	13.1	114.0	-55~+150	200	SMC
SMCJ64A	SMCJ64CA	1500	71.1 78.6 1.0	5.0 64.0	14.5	103.0	-55~+150	200	SMC
SMCJ70	SMCJ70C	1500	77.8 95.1 1.0	5.0 70.0	12.0	125.0	-55~+150	200	SMC
SMCJ70A	SMCJ70CA	1500	77.8 86.0 1.0	5.0 70.0	13.3	113.0	-55~+150	200	SMC
SMCJ75	SMCJ75C	1500	83.3 102.0 1.0	5.0 75.0	11.2	134.0	-55~+150	200	SMC
SMCJ75A	SMCJ75CA	1500	83.3 92.1 1.0	5.0 75.0	12.4	121.0	-55~+150	200	SMC
SMCJ78	SMCJ78C	1500	86.7 106.0 1.0	5.0 78.0	10.8	139.0	-55~+150	200	SMC
SMCJ78A	SMCJ78CA	1500	86.7 95.8 1.0	5.0 78.0	11.9	126.0	-55~+150	200	SMC
SMCJ80	SMCJ80C	1500	88.9 108.8 1.0	5.0 80.0	10.4	143.2	-55~+150	200	SMC
SMCJ80A	SMCJ80CA	1500	88.8 97.6 1.0	5.0 80.0	11.6	129.6	-55~+150	200	SMC
SMCJ85	SMCJ85C	1500	94.4 115.0 1.0	5.0 85.0	9.9	151.0	-55~+150	200	SMC
SMCJ85A	SMCJ85CA	1500	94.4 104.0 1.0	5.0 85.0	10.9	137.0	-55~+150	200	SMC
SMCJ90	SMCJ90C	1500	100.0 122.0 1.0	5.0 90.0	9.4	160.0	-55~+150	200	SMC
SMCJ90A	SMCJ90CA	1500	100.0 111.0 1.0	5.0 90.0	10.3	146.0	-55~+150	200	SMC
SMCJ100	SMCJ100C	1500	111.0 136.0 1.0	5.0 100.0	8.4	179.0	-55~+150	200	SMC
SMCJ100A	SMCJ100CA	1500	111.0 123.0 1.0	5.0 100.0	9.3	162.0	-55~+150	200	SMC
SMCJ110	SMCJ110C	1500	122.0 149.0 1.0	5.0 110.0	7.7	196.0	-55~+150	200	SMC
SMCJ110A	SMCJ110CA	1500	122.0 135.0 1.0	5.0 110.0	8.5	177.0	-55~+150	200	SMC
SMCJ120	SMCJ120C	1500	133.0 163.0 1.0	5.0 120.0	7.0	214.0	-55~+150	200	SMC
SMCJ120A	SMCJ120CA	1500	133.0 147.0 1.0	5.0 120.0	7.8	193.0	-55~+150	200	SMC
SMCJ130	SMCJ130C	1500	144.0 176.0 1.0	5.0 130.0	6.5	231.0	-55~+150	200	SMC
SMCJ130A	SMCJ130CA	1500	144.0 159.0 1.0	5.0 130.0	7.2	209.0	-55~+150	200	SMC
SMCJ140	SMCJ140C	1500	155.0 190.4 1.0	5.0 140.0	6.0	250.6	-55~+150	200	SMC
SMCJ140A	SMCJ140CA	1500	155.0 171.0 1.0	5.0 140.0	6.6	226.8	-55~+150	200	SMC
SMCJ150	SMCJ150C	1500	167.0 204.0 1.0	5.0 150.0	5.6	268.0	-55~+150	200	SMC
SMCJ150A	SMCJ150CA	1500	167.0 185.0 1.0	5.0 150.0	6.2	243.0	-55~+150	200	SMC



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TRANSIENT VOLTAGE SUPPRESSORS

型号 Part Number	最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)	最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC@IPP	工作温度范围 Operating Temp. Range	正向浪涌电流 IFSM	封装 Package
(Uni)	(Bi)	PPk(W)	Min.(V) Max.(V) Ir(mA)	(μA) VRWM(V)	IPP(A)	(V)	Tj(°C)	(A)	
SMCJ160	SMCJ160C	1500	178.0 218.0 1.0	5.0 160.0	5.2	287.0	-55~+150	200	SMC
SMCJ160A	SMCJ160CA	1500	178.0 197.0 1.0	5.0 160.0	5.8	259.0	-55~+150	200	SMC
SMCJ170	SMCJ170C	1500	189.0 231.0 1.0	5.0 170.0	4.9	304.0	-55~+150	200	SMC
SMCJ170A	SMCJ170CA	1500	189.0 209.0 1.0	5.0 170.0	5.4	275.0	-55~+150	200	SMC
SMCJ180	SMCJ180C	1500	200.0 244.8 1.0	5.0 180.0	4.6	322.2	-55~+150	200	SMC
SMCJ180A	SMCJ180CA	1500	200.0 220.0 1.0	5.0 180.0	5.1	291.6	-55~+150	200	SMC
SMCJ190	SMCJ190C	1500	211.0 258.4 1.0	5.0 190.0	4.4	340.1	-55~+150	200	SMC
SMCJ190A	SMCJ190CA	1500	211.0 232.0 1.0	5.0 190.0	4.8	307.8	-55~+150	200	SMC
SMCJ200A	SMCJ200CA	1500	224.0 247.0 1.0	5.0 200.0	4.6	324.0	-55~+150	200	SMC
SMCJ220A	SMCJ220CA	1500	246.0 272.0 1.0	5.0 220.0	4.2	356.0	-55~+150	200	SMC
SMCJ250A	SMCJ250CA	1500	279.0 309.0 1.0	5.0 250.0	3.7	405.0	-55~+150	200	SMC
SMCJ300A	SMCJ300CA	1500	335.0 371.0 1.0	5.0 300.0	3.1	486.0	-55~+150	200	SMC
SMCJ350A	SMCJ350CA	1500	391.0 432.0 1.0	5.0 350.0	2.6	567.0	-55~+150	200	SMC
SMCJ400A	SMCJ400CA	1500	447.0 494 1.0	5.0 400.0	2.3	648.0	-55~+150	200	SMC
SMCJ440A	SMCJ440CA	1500	492.0 543.0 1.0	5.0 440.0	2.1	713.0	-55~+150	200	SMC
1.5SMC6.8A	1.5SMC6.8CA	1500	6.46 7.14 10.0	1000.0 5.8	142.8	10.5	-55~+150	200	SMC
1.5SMC7.5A	1.5SMC7.5CA	1500	7.13 7.88 10.0	500.0 6.4	132.7	11.3	-55~+150	200	SMC
1.5SMC8.2A	1.5SMC8.2CA	1500	7.79 8.61 10.0	200.0 7.0	124.0	12.1	-55~+150	200	SMC
1.5SMC9.1A	1.5SMC9.1CA	1500	8.65 9.56 1.0	50.0 7.8	111.9	13.4	-55~+150	200	SMC
1.5SMC10A	1.5SMC10CA	1500	9.50 10.5 1.0	10.0 8.6	103.4	14.5	-55~+150	200	SMC
1.5SMC11A	1.5SMC11CA	1500	10.45 11.55 1.0	5.0 9.4	96.1	15.6	-55~+150	200	SMC
1.5SMC12A	1.5SMC12CA	1500	11.40 12.6 1.0	5.0 10.2	89.8	16.7	-55~+150	200	SMC
1.5SMC13A	1.5SMC13CA	1500	12.35 13.65 1.0	5.0 11.1	82.4	18.2	-55~+150	200	SMC
1.5SMC15A	1.5SMC15CA	1500	14.25 15.75 1.0	5.0 12.8	70.7	21.2	-55~+150	200	SMC
1.5SMC16A	1.5SMC16CA	1500	15.20 16.8 1.0	5.0 13.6	66.7	22.5	-55~+150	200	SMC
1.5SMC18A	1.5SMC18CA	1500	17.10 18.9 1.0	5.0 15.3	59.5	25.2	-55~+150	200	SMC
1.5SMC20A	1.5SMC20CA	1500	19.00 21.0 1.0	5.0 17.1	54.1	27.7	-55~+150	200	SMC
1.5SMC22A	1.5SMC22CA	1500	20.90 23.1 1.0	5.0 18.8	49.0	30.6	-55~+150	200	SMC
1.5SMC24A	1.5SMC24CA	1500	22.80 25.20 1.0	5.0 20.5	45.2	33.2	-55~+150	200	SMC
1.5SMC27A	1.5SMC27CA	1500	25.65 28.35 1.0	5.0 23.1	40.0	37.5	-55~+150	200	SMC
1.5SMC30A	1.5SMC30CA	1500	28.50 31.5 1.0	5.0 25.6	36.2	41.4	-55~+150	200	SMC
1.5SMC33A	1.5SMC33CA	1500	31.35 34.65 1.0	5.0 28.2	32.8	45.7	-55~+150	200	SMC
1.5SMC36A	1.5SMC36CA	1500	34.20 37.8 1.0	5.0 30.8	30.0	49.9	-55~+150	200	SMC
1.5SMC39A	1.5SMC39CA	1500	37.05 40.95 1.0	5.0 33.3	27.8	53.9	-55~+150	200	SMC
1.5SMC43A	1.5SMC43CA	1500	40.85 45.15 1.0	5.0 36.8	25.3	59.3	-55~+150	200	SMC
1.5SMC47A	1.5SMC47CA	1500	44.65 49.35 1.0	5.0 40.2	23.1	64.8	-55~+150	200	SMC
1.5SMC51A	1.5SMC51CA	1500	48.45 53.55 1.0	5.0 43.6	21.4	70.1	-55~+150	200	SMC
1.5SMC56A	1.5SMC56CA	1500	53.20 58.8 1.0	5.0 47.8	19.5	77.0	-55~+150	200	SMC
1.5SMC62A	1.5SMC62CA	1500	58.90 65.1 1.0	5.0 53.0	17.6	85.0	-55~+150	200	SMC
1.5SMC68A	1.5SMC68CA	1500	64.60 71.4 1.0	5.0 58.1	16.3	92.0	-55~+150	200	SMC
1.5SMC75A	1.5SMC75CA	1500	71.25 78.75 1.0	5.0 64.1	14.5	103.0	-55~+150	200	SMC
1.5SMC82A	1.5SMC82CA	1500	77.90 86.1 1.0	5.0 70.1	13.3	113.0	-55~+150	200	SMC
1.5SMC91A	1.5SMC91CA	1500	86.45 95.55 1.0	5.0 77.8	12.0	125.0	-55~+150	200	SMC
1.5SMC100A	1.5SMC100CA	1500	95.00 105.0 1.0	5.0 85.5	10.9	137.0	-55~+150	200	SMC



SMC

瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
1.5SMC110A	1.5SMC110CA	1500	104.50	115.5	1.0	5.0	94.0	9.8	152.0	200	-55~+150	SMC
1.5SMC120A	1.5SMC120CA	1500	114.0	126.0	1.0	5.0	102.0	9.1	165.0	200	-55~+150	SMC
1.5SMC130A	1.5SMC130CA	1500	123.50	136.5	1.0	5.0	111.0	8.4	179.0	200	-55~+150	SMC
1.5SMC150A	1.5SMC150CA	1500	142.50	157.5	1.0	5.0	128.0	7.2	207.0	200	-55~+150	SMC
1.5SMC160A	1.5SMC160CA	1500	152.0	168.0	1.0	5.0	136.0	6.8	219.0	200	-55~+150	SMC
1.5SMC170A	1.5SMC170CA	1500	161.50	178.5	1.0	5.0	145.0	6.4	234.0	200	-55~+150	SMC
1.5SMC180A	1.5SMC180CA	1500	171.0	189.0	1.0	5.0	154.0	6.1	246.0	200	-55~+150	SMC
1.5SMC200A	1.5SMC200CA	1500	190.0	210.0	1.0	5.0	171.0	5.4	274.0	200	-55~+150	SMC
1.5SMC220A	1.5SMC220CA	1500	209.0	231.0	1.0	5.0	185.0	4.5	328.0	200	-55~+150	SMC
1.5SMC250A	1.5SMC250CA	1500	237.50	262.5	1.0	5.0	214.0	4.3	344.0	200	-55~+150	SMC
1.5SMC300A	1.5SMC300CA	1500	285.0	315.0	1.0	5.0	256.0	3.6	414.0	200	-55~+150	SMC
1.5SMC350A	1.5SMC350CA	1500	332.50	367.5	1.0	5.0	299.3	3.1	482.0	200	-55~+150	SMC
1.5SMC380A	1.5SMC380CA	1500	361.0	399.0	1.0	5.0	324.9	2.8	524.4	200	-55~+150	SMC
1.5SMC400A	1.5SMC400CA	1500	380.0	420.0	1.0	5.0	342.0	2.7	548.0	200	-55~+150	SMC
1.5SMC440A	1.5SMC440CA	1500	418.0	462.0	1.0	5.0	376.2	2.4	602.0	200	-55~+150	SMC
1.5SMC500A	1.5SMC500CA	1500	475.0	525.0	1.0	5.0	427.5	2.2	690.0	200	-55~+150	SMC
1.5SMC520A	1.5SMC520CA	1500	494.0	546.0	1.0	5.0	444.6	2.1	717.6	200	-55~+150	SMC
1.5SMC550A	1.5SMC550CA	1500	522.5	577.5	1.0	5.0	470.3	2.0	759.0	200	-55~+150	SMC
1.5SMC600A	1.5SMC600CA	1500	570.0	630.0	1.0	5.0	513.0	1.8	828.0	200	-55~+150	SMC
SMDJ5.0	SMDJ5.0C	3000	6.40	7.3	10.0	1000.0	5.0	312.5	9.6	300	-55~+150	SMC
SMDJ5.0A	SMDJ5.0CA	3000	6.40	7.25	10.0	1000.0	5.0	326.1	9.2	300	-55~+150	SMC
SMDJ6.0	SMDJ6.0C	3000	6.67	8.15	10.0	1000.0	6.0	263.1	11.4	300	-55~+150	SMC
SMDJ6.0A	SMDJ6.0CA	3000	6.67	7.37	10.0	1000.0	6.0	291.2	10.3	300	-55~+150	SMC
SMDJ6.5	SMDJ6.5C	3000	7.22	8.82	10.0	500.0	6.5	243.9	12.3	300	-55~+150	SMC
SMDJ6.5A	SMDJ6.5CA	3000	7.22	7.98	10.0	500.0	6.5	267.8	11.2	300	-55~+150	SMC
SMDJ7.0	SMDJ7.0C	3000	7.78	9.51	10.0	200.0	7.0	225.5	13.3	300	-55~+150	SMC
SMDJ7.0A	SMDJ7.0CA	3000	7.78	8.6	10.0	200.0	7.0	250.0	12.0	300	-55~+150	SMC
SMDJ7.5	SMDJ7.5C	3000	8.33	10.2	1.0	100.0	7.5	209.8	14.3	300	-55~+150	SMC
SMDJ7.5A	SMDJ7.5CA	3000	8.33	9.21	1.0	100.0	7.5	232.5	12.9	300	-55~+150	SMC
SMDJ8.0	SMDJ8.0C	3000	8.89	10.9	1.0	50.0	8.0	200.0	15.0	300	-55~+150	SMC
SMDJ8.0A	SMDJ8.0CA	3000	8.89	9.83	1.0	50.0	8.0	220.6	13.6	300	-55~+150	SMC
SMDJ8.5	SMDJ8.5C	3000	9.44	11.5	1.0	25.0	8.5	188.7	15.9	300	-55~+150	SMC
SMDJ8.5A	SMDJ8.5CA	3000	9.44	10.4	1.0	25.0	8.5	208.3	14.4	300	-55~+150	SMC
SMDJ9.0	SMDJ9.0C	3000	10.0	12.2	1.0	10.0	9.0	177.5	16.9	300	-55~+150	SMC
SMDJ9.0A	SMDJ9.0CA	3000	10.0	11.1	1.0	10.0	9.0	194.8	15.4	300	-55~+150	SMC
SMDJ10	SMDJ10C	3000	11.1	13.6	1.0	5.0	10.0	159.6	18.8	300	-55~+150	SMC
SMDJ10A	SMDJ10CA	3000	11.1	12.3	1.0	5.0	10.0	176.4	17.0	300	-55~+150	SMC
SMDJ11	SMDJ11C	3000	12.2	14.9	1.0	5.0	11.0	149.2	20.1	300	-55~+150	SMC
SMDJ11A	SMDJ11CA	3000	12.2	13.5	1.0	5.0	11.0	164.8	18.2	300	-55~+150	SMC
SMDJ12	SMDJ12C	3000	13.	16.3	1.0	5.0	12.0	136.3	22.0	300	-55~+150	SMC
SMDJ12A	SMDJ12CA	3000	13.3	14.7	1.0	5.0	12.0	150.7	19.9	300	-55~+150	SMC
SMDJ13	SMDJ13C	3000	14.4	17.6	1.0	5.0	13.0	126.0	23.8	300	-55~+150	SMC
SMDJ13A	SMDJ13CA	3000	14.4	15.9	1.0	5.0	13.0	139.5	21.5	300	-55~+150	SMC
SMDJ14	SMDJ14C	3000	15.6	19.1	1.0	5.0	14.0	116.3	25.8	300	-55~+150	SMC



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瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @IPP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMDJ14A	SMDJ14CA	3000	15.6	17.2	1.0	5.0	14.0	129.3	23.2	300	-55~+150	SMC
SMDJ15	SMDJ15C	3000	16.7	20.4	1.0	5.0	15.0	111.5	26.9	300	-55~+150	SMC
SMDJ15A	SMDJ15CA	3000	16.7	18.5	1.0	5.0	15.0	122.9	24.4	300	-55~+150	SMC
SMDJ16	SMDJ16C	3000	17.8	21.8	1.0	5.0	16.0	104.1	28.8	300	-55~+150	SMC
SMDJ16A	SMDJ16CA	3000	17.8	19.7	1.0	5.0	16.0	115.4	26.0	300	-55~+150	SMC
SMDJ17	SMDJ17C	3000	18.9	23.1	1.0	5.0	17.0	98.3	30.5	300	-55~+150	SMC
SMDJ17A	SMDJ17CA	3000	18.9	20.9	1.0	5.0	17.0	108.7	27.6	300	-55~+150	SMC
SMDJ18	SMDJ18C	3000	20.0	24.4	1.0	5.0	18.0	93.2	32.2	300	-55~+150	SMC
SMDJ18A	SMDJ18CA	3000	20.0	22.1	1.0	5.0	18.0	102.7	29.2	300	-55~+150	SMC
SMDJ19	SMDJ19C	3000	21.1	25.7	1.0	5.0	19.0	88.2	34.0	300	-55~+150	SMC
SMDJ19A	SMDJ19CA	3000	21.1	23.3	1.0	5.0	19.0	97.4	30.8	300	-55~+150	SMC
SMDJ20	SMDJ20C	3000	22.2	27.1	1.0	5.0	20.0	83.8	35.8	300	-55~+150	SMC
SMDJ20A	SMDJ20CA	3000	22.2	24.5	1.0	5.0	20.0	92.6	32.4	300	-55~+150	SMC
SMDJ22	SMDJ22C	3000	24.4	29.8	1.0	5.0	22.0	76.1	39.4	300	-55~+150	SMC
SMDJ22A	SMDJ22CA	3000	24.4	26.9	1.0	5.0	22.0	84.5	35.5	300	-55~+150	SMC
SMDJ24	SMDJ24C	3000	26.7	32.6	1.0	5.0	24.0	69.8	43.0	300	-55~+150	SMC
SMDJ24A	SMDJ24CA	3000	26.7	29.5	1.0	5.0	24.0	77.1	38.9	300	-55~+150	SMC
SMDJ26	SMDJ26C	3000	28.9	35.3	1.0	5.0	26.0	64.4	46.6	300	-55~+150	SMC
SMDJ26A	SMDJ26CA	3000	28.9	31.9	1.0	5.0	26.0	71.2	42.1	300	-55~+150	SMC
SMDJ28	SMDJ28C	3000	31.1	38.0	1.0	5.0	28.0	60.0	50.0	300	-55~+150	SMC
SMDJ28A	SMDJ28CA	3000	31.1	34.4	1.0	5.0	28.0	66.1	45.4	300	-55~+150	SMC
SMDJ30	SMDJ30C	3000	33.3	40.7	1.0	5.0	30.0	56.1	53.5	300	-55~+150	SMC
SMDJ30A	SMDJ30CA	3000	33.3	36.8	1.0	5.0	30.0	62.0	48.4	300	-55~+150	SMC
SMDJ33	SMDJ33C	3000	36.7	44.9	1.0	5.0	33.0	50.8	59.0	300	-55~+150	SMC
SMDJ33A	SMDJ33CA	3000	36.7	40.6	1.0	5.0	33.0	56.3	53.3	300	-55~+150	SMC
SMDJ36	SMDJ36C	3000	40.0	48.9	1.0	5.0	36.0	46.6	64.3	300	-55~+150	SMC
SMDJ36A	SMDJ36CA	3000	40.0	44.2	1.0	5.0	36.0	51.6	58.1	300	-55~+150	SMC
SMDJ40	SMDJ40C	3000	44.4	54.3	1.0	5.0	40.0	42.0	71.4	300	-55~+150	SMC
SMDJ40A	SMDJ40CA	3000	44.4	49.1	1.0	5.0	40.0	46.5	64.5	300	-55~+150	SMC
SMDJ43	SMDJ43C	3000	47.8	58.4	1.0	5.0	43.0	39.1	76.7	300	-55~+150	SMC
SMDJ43A	SMDJ43CA	3000	47.8	52.8	1.0	5.0	43.0	43.2	69.4	300	-55~+150	SMC
SMDJ45	SMDJ45C	3000	50.0	61.1	1.0	5.0	45.0	37.3	80.3	300	-55~+150	SMC
SMDJ45A	SMDJ45CA	3000	50.0	55.3	1.0	5.0	45.0	41.2	72.7	300	-55~+150	SMC
SMDJ48	SMDJ48C	3000	53.3	65.1	1.0	5.0	48.0	35.1	85.5	300	-55~+150	SMC
SMDJ48A	SMDJ48CA	3000	53.3	58.9	1.0	5.0	48.0	38.7	77.4	300	-55~+150	SMC
SMDJ51	SMDJ51C	3000	56.7	69.3	1.0	5.0	51.0	32.9	91.1	300	-55~+150	SMC
SMDJ51A	SMDJ51CA	3000	56.7	62.7	1.0	5.0	51.0	36.4	82.4	300	-55~+150	SMC
SMDJ54	SMDJ54C	3000	60.0	73.3	1.0	5.0	54.0	31.1	96.3	300	-55~+150	SMC
SMDJ54A	SMDJ54CA	3000	60.0	66.3	1.0	5.0	54.0	34.4	87.1	300	-55~+150	SMC
SMDJ58	SMDJ58C	3000	64.4	78.7	1.0	5.0	58.0	29.1	103.0	300	-55~+150	SMC
SMDJ58A	SMDJ58CA	3000	64.4	71.2	1.0	5.0	58.0	32.0	93.6	300	-55~+150	SMC
SMDJ60	SMDJ60C	3000	66.7	81.5	1.0	5.0	60.0	28.0	107.0	300	-55~+150	SMC
SMDJ60A	SMDJ60CA	3000	66.7	73.7	1.0	5.0	60.0	31.0	96.8	300	-55~+150	SMC
SMDJ64	SMDJ64C	3000	71.1	86.9	1.0	5.0	64.0	26.3	114.0	300	-55~+150	SMC



SMC

TRANSIENT VOLTAGE SUPPRESSORS

TRANSIENT VOLTAGE SUPPRESSORS

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @PP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
SMDJ64A	SMDJ64CA	3000	71.1	78.6	1.0	5.0	64.0	29.1	103.0	300	-55~+150	SMC
SMDJ70	SMDJ70C	3000	77.8	95.1	1.0	5.0	70.0	24.0	125.0	300	-55~+150	SMC
SMDJ70A	SMDJ70CA	3000	77.8	86.0	1.0	5.0	70.0	26.5	113.0	300	-55~+150	SMC
SMDJ75	SMDJ75C	3000	83.3	102.0	1.0	5.0	75.0	22.4	134.0	300	-55~+150	SMC
SMDJ75A	SMDJ75CA	3000	83.3	92.1	1.0	5.0	75.0	24.8	121.0	300	-55~+150	SMC
SMDJ78	SMDJ78C	3000	86.7	106.0	1.0	5.0	78.0	21.6	139.0	300	-55~+150	SMC
SMDJ78A	SMDJ78CA	3000	86.7	95.8	1.0	5.0	78.0	23.8	126.0	300	-55~+150	SMC
SMDJ80	SMDJ80C	3000	88.96	108.8	1.0	5.0	80.0	20.9	143.2	300	-55~+150	SMC
SMDJ80A	SMDJ80CA	3000	88.8	97.6	1.0	5.0	80.0	23.1	129.6	300	-55~+150	SMC
SMDJ85	SMDJ85C	3000	94.4	115.0	1.0	5.0	85.0	19.8	151.0	300	-55~+150	SMC
SMDJ85A	SMDJ85CA	3000	94.4	104.0	1.0	5.0	85.0	21.9	137.0	300	-55~+150	SMC
SMDJ90	SMDJ90C	3000	100.0	122.0	1.0	5.0	90.0	18.7	160.0	300	-55~+150	SMC
SMDJ90A	SMDJ90CA	3000	100.0	111.0	1.0	5.0	90.0	20.5	146.0	300	-55~+150	SMC
SMDJ100	SMDJ100C	3000	111.0	136.0	1.0	5.0	100.0	16.7	179.0	300	-55~+150	SMC
SMDJ100A	SMDJ100CA	3000	111.0	123.0	1.0	5.0	100.0	18.5	162.0	300	-55~+150	SMC
SMDJ110	SMDJ110C	3000	122.0	149.0	1.0	5.0	110.0	15.3	196.0	300	-55~+150	SMC
SMDJ110A	SMDJ110CA	3000	122.0	135.0	1.0	5.0	110.0	16.9	177.0	300	-55~+150	SMC
SMDJ120	SMDJ120C	3000	133.0	163.0	1.0	5.0	120.0	14.0	214.0	300	-55~+150	SMC
SMDJ120A	SMDJ120CA	3000	133.0	147.0	1.0	5.0	120.0	15.5	193.0	300	-55~+150	SMC
SMDJ130	SMDJ130C	3000	144.0	176.0	1.0	5.0	130.0	13.0	231.0	300	-55~+150	SMC
SMDJ130A	SMDJ130CA	3000	144.0	159.0	1.0	5.0	130.0	14.3	209.0	300	-55~+150	SMC
SMDJ140	SMDJ140C	3000	155.0	190.4	1.0	5.0	140.0	12.0	250.6	300	-55~+150	SMC
SMDJ140A	SMDJ140CA	3000	155.0	171.0	1.0	5.0	140.0	13.2	226.8	300	-55~+150	SMC
SMDJ150	SMDJ150C	3000	167.0	204.0	1.0	5.0	150.0	11.2	268.0	300	-55~+150	SMC
SMDJ150A	SMDJ150CA	3000	167.0	185.0	1.0	5.0	150.0	12.3	243.0	300	-55~+150	SMC
SMDJ160	SMDJ160C	3000	178.0	218.0	1.0	5.0	160.0	10.4	287.0	300	-55~+150	SMC
SMDJ160A	SMDJ160CA	3000	178.0	197.0	1.0	5.0	160.0	11.6	259.0	300	-55~+150	SMC
SMDJ170	SMDJ170C	3000	189.0	231.0	1.0	5.0	170.0	9.8	304.0	300	-55~+150	SMC
SMDJ170A	SMDJ170CA	3000	189.0	209.0	1.0	5.0	170.0	10.9	275.0	300	-55~+150	SMC
SMDJ180	SMDJ180C	3000	200.2	244.8	1.0	5.0	180.0	9.3	322.2	300	-55~+150	SMC
SMDJ180A	SMDJ180CA	3000	200.0	220.0	1.0	5.0	180.0	10.9	291.6	300	-55~+150	SMC
SMDJ190	SMDJ190C	3000	211.3	258.4	1.0	5.0	190.0	8.8	340.1	300	-55~+150	SMC
SMDJ190A	SMDJ190CA	3000	211.0	232.0	1.0	5.0	190.0	9.7	307.8	300	-55~+150	SMC
SMDJ200A	SMDJ200CA	3000	224.0	247.0	1.0	5.0	200.0	9.2	324.0	300	-55~+150	SMC
SMDJ220A	SMDJ220CA	3000	246.0	272.0	1.0	5.0	220.0	8.4	356.0	300	-55~+150	SMC
SMDJ250A	SMDJ250CA	3000	279.0	309.0	1.0	5.0	250.0	7.4	405.0	300	-55~+150	SMC
SMDJ300A	SMDJ300CA	3000	335.0	371.0	1.0	5.0	300.0	6.1	486.0	300	-55~+150	SMC
SMDJ350A	SMDJ350CA	3000	391.0	432.0	1.0	5.0	350.0	5.3	567.0	300	-55~+150	SMC
SMDJ400A	SMDJ400CA	3000	447.0	494.0	1.0	5.0	400.0	4.6	648.0	300	-55~+150	SMC
SMDJ440A	SMDJ440CA	3000	492.0	543.0	1.0	5.0	440.0	4.2	713.0	300	-55~+150	SMC
5.0SMDJ11	5.0SMDJ11C	5000	12.2	14.9	1.0	800.0	11.0	251.2	20.1	300	-55~+150	SMC
5.0SMDJ11A	5.0SMDJ11CA	5000	12.2	13.5	1.0	800.0	11.0	277.4	18.2	300	-55~+150	SMC
5.0SMDJ12	5.0SMDJ12C	5000	13.3	16.3	1.0	800.0	12.0	229.5	22.0	300	-55~+150	SMC
5.0SMDJ12A	5.0SMDJ12CA	5000	13.3	14.7	1.0	800.0	12.0	253.7	19.9	300	-55~+150	SMC



SMC

**瞬态抑制二极管**
**TRANSIENT VOLTAGE SUPPRESSORS**

型号		最大功耗 Peak Power Dissipation	击穿电压 Breakdown Voltage @IT VBR(V)		最大反向漏电流 Maximum Reverse Leakage Ir@VRWM	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage VC @PP	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								Ir(mA)
5.0SMDJ13	5.0SMDJ13C	5000	14.4	17.6	1.0	500.0	13.0	212.2	23.8	300	-55~+150	SMC
5.0SMDJ13A	5.0SMDJ13CA	5000	14.4	15.9	1.0	500.0	13.0	234.9	21.5	300	-55~+150	SMC
5.0SMDJ14	5.0SMDJ14C	5000	15.6	19.1	1.0	200.0	14.0	195.7	25.8	300	-55~+150	SMC
5.0SMDJ14A	5.0SMDJ14CA	5000	15.6	17.2	1.0	200.0	14.0	217.6	23.2	300	-55~+150	SMC
5.0SMDJ15	5.0SMDJ15C	5000	16.7	20.4	1.0	100.0	15.0	187.7	26.9	300	-55~+150	SMC
5.0SMDJ15A	5.0SMDJ15CA	5000	16.7	18.5	1.0	100.0	15.0	206.9	24.4	300	-55~+150	SMC
5.0SMDJ16	5.0SMDJ16C	5000	17.8	21.8	1.0	50.0	16.0	175.3	28.8	300	-55~+150	SMC
5.0SMDJ16A	5.0SMDJ16CA	5000	17.8	19.7	1.0	50.0	16.0	194.2	26.0	300	-55~+150	SMC
5.0SMDJ17	5.0SMDJ17C	5000	18.9	23.1	1.0	20.0	17.0	165.5	30.5	300	-55~+150	SMC
5.0SMDJ17A	5.0SMDJ17CA	5000	18.9	20.9	1.0	20.0	17.0	182.9	27.6	300	-55~+150	SMC
5.0SMDJ18	5.0SMDJ18C	5000	20.0	24.4	1.0	10.0	18.0	156.8	32.2	300	-55~+150	SMC
5.0SMDJ18A	5.0SMDJ18CA	5000	20.0	22.1	1.0	10.0	18.0	172.9	29.2	300	-55~+150	SMC
5.0SMDJ19	5.0SMDJ19C	5000	21.1	25.7	1.0	10.0	19.0	148.5	34.0	300	-55~+150	SMC
5.0SMDJ19A	5.0SMDJ19CA	5000	21.1	23.3	1.0	10.0	19.0	164.0	30.8	300	-55~+150	SMC
5.0SMDJ20	5.0SMDJ20C	5000	22.2	27.1	1.0	5.0	20.0	141.0	35.8	300	-55~+150	SMC
5.0SMDJ20A	5.0SMDJ20CA	5000	22.2	24.5	1.0	5.0	20.0	155.8	32.4	300	-55~+150	SMC
5.0SMDJ22	5.0SMDJ22C	5000	24.4	29.8	1.0	5.0	22.0	128.2	39.4	300	-55~+150	SMC
5.0SMDJ22A	5.0SMDJ22CA	5000	24.4	26.9	1.0	5.0	22.0	142.2	35.5	300	-55~+150	SMC
5.0SMDJ24	5.0SMDJ24C	5000	26.7	32.6	1.0	5.0	24.0	117.4	43.0	300	-55~+150	SMC
5.0SMDJ24A	5.0SMDJ24CA	5000	26.7	29.5	1.0	5.0	24.0	129.8	38.9	300	-55~+150	SMC
5.0SMDJ26	5.0SMDJ26C	5000	28.9	35.3	1.0	5.0	26.0	108.3	46.6	300	-55~+150	SMC
5.0SMDJ26A	5.0SMDJ26CA	5000	28.9	31.9	1.0	5.0	26.0	120.0	42.1	300	-55~+150	SMC
5.0SMDJ28	5.0SMDJ28C	5000	31.1	38.0	1.0	5.0	28.0	101.0	50.0	300	-55~+150	SMC
5.0SMDJ28A	5.0SMDJ28CA	5000	31.1	34.4	1.0	5.0	28.0	111.2	45.4	300	-55~+150	SMC
5.0SMDJ30	5.0SMDJ30C	5000	33.3	40.7	1.0	5.0	30.0	94.4	53.5	300	-55~+150	SMC
5.0SMDJ30A	5.0SMDJ30CA	5000	33.3	36.8	1.0	5.0	30.0	104.3	48.4	300	-55~+150	SMC
5.0SMDJ33	5.0SMDJ33C	5000	36.7	44.9	1.0	5.0	33.0	85.6	59.0	300	-55~+150	SMC
5.0SMDJ33A	5.0SMDJ33CA	5000	36.7	40.6	1.0	5.0	33.0	94.7	53.3	300	-55~+150	SMC
5.0SMDJ36	5.0SMDJ36C	5000	40.0	48.9	1.0	5.0	36.0	78.5	64.3	300	-55~+150	SMC
5.0SMDJ36A	5.0SMDJ36CA	5000	40.0	44.2	1.0	5.0	36.0	86.9	58.1	300	-55~+150	SMC
5.0SMDJ40	5.0SMDJ40C	5000	44.4	54.3	1.0	5.0	40.0	70.7	71.4	300	-55~+150	SMC
5.0SMDJ40A	5.0SMDJ40CA	5000	44.4	49.1	1.0	5.0	40.0	78.3	64.5	300	-55~+150	SMC
5.0SMDJ43	5.0SMDJ43C	5000	47.8	58.4	1.0	5.0	43.0	65.8	76.7	300	-55~+150	SMC
5.0SMDJ43A	5.0SMDJ43CA	5000	47.8	52.8	1.0	5.0	43.0	72.7	69.4	300	-55~+150	SMC
5.0SMDJ45	5.0SMDJ45C	5000	50.0	61.1	1.0	5.0	45.0	62.9	80.3	300	-55~+150	SMC
5.0SMDJ45A	5.0SMDJ45CA	5000	50.0	55.3	1.0	5.0	45.0	69.4	72.7	300	-55~+150	SMC
5.0SMDJ48	5.0SMDJ48C	5000	53.3	65.1	1.0	5.0	48.0	59.1	85.5	300	-55~+150	SMC
5.0SMDJ48A	5.0SMDJ48CA	5000	53.3	58.9	1.0	5.0	48.0	65.2	77.4	300	-55~+150	SMC
5.0SMDJ51	5.0SMDJ51C	5000	56.7	69.3	1.0	5.0	51.0	55.4	91.9	300	-55~+150	SMC
5.0SMDJ51A	5.0SMDJ51CA	5000	56.7	62.7	1.0	5.0	51.0	61.3	82.4	300	-55~+150	SMC
5.0SMDJ54	5.0SMDJ54C	5000	60.0	73.3	1.0	5.0	54.0	52.4	96.3	300	-55~+150	SMC
5.0SMDJ54A	5.0SMDJ54CA	5000	60.0	66.3	1.0	5.0	54.0	58.0	87.1	300	-55~+150	SMC
5.0SMDJ58	5.0SMDJ58C	5000	64.4	78.7	1.0	5.0	58.0	49.0	103.0	300	-55~+150	SMC

瞬态抑制二极管

TRANSIENT VOLTAGE SUPPRESSORS

型号		最大功耗 Peak Power Dissipation	击穿电压		最大反向漏电流 Maximum Reverse Leakage I <sub>r</sub> @V <sub>RWM</sub>	峰值工作反向电压 Reverse Stand-off Voltage	最大脉冲峰值电流 Peak Pulse Current	最大箝位电压 Maximum Clamping Voltage V <sub>C</sub> @I <sub>PP</sub>	正向浪涌电流 IFSM	工作温度范围 Operating Temp. Range	封装 Package	
Part Number	Part Number		Min.(V)	Max.(V)								I <sub>r</sub> (mA)
5.0SMDJ60	5.0SMDJ60C	5000	66.7	81.5	1.0	5.0	60.0	47.2	107.0	300	-55~+150	SMC
5.0SMDJ60A	5.0SMDJ60CA	5000	66.7	73.7	1.0	5.0	60.0	52.1	96.8	300	-55~+150	SMC
5.0SMDJ64	5.0SMDJ64C	5000	71.1	86.9	1.0	5.0	64.0	44.3	114.0	300	-55~+150	SMC
5.0SMDJ64A	5.0SMDJ64CA	5000	71.1	78.6	1.0	5.0	64.0	49.0	103.0	300	-55~+150	SMC
5.0SMDJ70	5.0SMDJ70C	5000	77.8	95.1	1.0	5.0	70.0	40.0	125.0	300	-55~+150	SMC
5.0SMDJ70A	5.0SMDJ70CA	5000	77.8	86.0	1.0	5.0	70.0	44.7	113.0	300	-55~+150	SMC
5.0SMDJ75	5.0SMDJ75C	5000	83.3	102.0	1.0	5.0	75.0	37.7	134.0	300	-55~+150	SMC
5.0SMDJ75A	5.0SMDJ75CA	5000	83.3	92.1	1.0	5.0	75.0	41.7	121.0	300	-55~+150	SMC
5.0SMDJ78	5.0SMDJ78C	5000	86.7	106.0	1.0	5.0	78.0	36.3	139.0	300	-55~+150	SMC
5.0SMDJ78A	5.0SMDJ78CA	5000	86.7	95.8	1.0	5.0	78.0	40.1	126.0	300	-55~+150	SMC
5.0SMDJ80	5.0SMDJ80C	5000	88.96	108.8	1.0	5.0	80.0	35.3	143.2	300	-55~+150	SMC
5.0SMDJ80A	5.0SMDJ80CA	5000	88.96	97.6	1.0	5.0	80.0	39.0	129.6	300	-55~+150	SMC
5.0SMDJ85	5.0SMDJ85C	5000	94.4	115.0	1.0	5.0	85.0	33.4	151.0	300	-55~+150	SMC
5.0SMDJ85A	5.0SMDJ85CA	5000	94.4	104.0	1.0	5.0	85.0	36.8	137.0	300	-55~+150	SMC
5.0SMDJ90	5.0SMDJ90C	5000	100.0	122.0	1.0	5.0	90.0	31.5	160.0	300	-55~+150	SMC
5.0SMDJ90A	5.0SMDJ90CA	5000	100.0	111.0	1.0	5.0	90.0	34.5	146.0	300	-55~+150	SMC
5.0SMDJ100	5.0SMDJ100C	5000	111.0	136.0	1.0	5.0	100.0	28.2	179.0	300	-55~+150	SMC
5.0SMDJ100A	5.0SMDJ100CA	5000	111.0	123.0	1.0	5.0	100.0	31.1	162.0	300	-55~+150	SMC
5.0SMDJ110	5.0SMDJ110C	5000	122.0	149.0	1.0	5.0	110.0	25.7	196.0	300	-55~+150	SMC
5.0SMDJ110A	5.0SMDJ110CA	5000	122.0	135.0	1.0	5.0	110.0	28.5	177.0	300	-55~+150	SMC
5.0SMDJ120	5.0SMDJ120C	5000	133.0	163.0	1.0	5.0	120.0	23.6	214.0	300	-55~+150	SMC
5.0SMDJ120A	5.0SMDJ120CA	5000	133.0	147.0	1.0	5.0	120.0	26.1	193.0	300	-55~+150	SMC
5.0SMDJ130	5.0SMDJ130C	5000	144.0	176.0	1.0	5.0	130.0	21.8	231.0	300	-55~+150	SMC
5.0SMDJ130A	5.0SMDJ130CA	5000	144.0	159.0	1.0	5.0	130.0	24.1	209.0	300	-55~+150	SMC
5.0SMDJ140	5.0SMDJ140C	5000	155.7	190.4	1.0	5.0	140.0	20.1	250.6	300	-55~+150	SMC
5.0SMDJ140A	5.0SMDJ140CA	5000	155.0	171.0	1.0	5.0	140.0	22.2	226.8	300	-55~+150	SMC
5.0SMDJ150	5.0SMDJ150C	5000	167.0	204.0	1.0	5.0	150.0	18.8	268.0	300	-55~+150	SMC
5.0SMDJ150A	5.0SMDJ150CA	5000	167.0	185.0	1.0	5.0	150.0	20.7	243.0	300	-55~+150	SMC
5.0SMDJ160	5.0SMDJ160C	5000	178.0	218.0	1.0	5.0	160.0	17.6	287.0	300	-55~+150	SMC
5.0SMDJ160A	5.0SMDJ160CA	5000	178.0	197.0	1.0	5.0	160.0	19.5	259.0	300	-55~+150	SMC
5.0SMDJ170	5.0SMDJ170C	5000	189.0	231.0	1.0	5.0	170.0	16.6	304.0	300	-55~+150	SMC
5.0SMDJ170A	5.0SMDJ170CA	5000	189.0	209.0	1.0	5.0	170.0	18.3	275.0	300	-55~+150	SMC
5.0SMDJ180	5.0SMDJ180C	5000	200.2	244.8	1.0	5.0	180.0	15.6	322.2	300	-55~+150	SMC
5.0SMDJ180A	5.0SMDJ180CA	5000	200.2	220.0	1.0	5.0	180.0	17.3	291.6	300	-55~+150	SMC
5.0SMDJ190	5.0SMDJ190C	5000	211.3	258.4	1.0	5.0	190.0	14.8	340.1	300	-55~+150	SMC
5.0SMDJ190A	5.0SMDJ190CA	5000	211.0	232.0	1.0	5.0	190.0	16.4	307.8	300	-55~+150	SMC
5.0SMDJ200A	5.0SMDJ200CA	5000	224.0	247.0	1.0	5.0	200.0	9.2	324.0	300	-55~+150	SMC
5.0SMDJ220A	5.0SMDJ220CA	5000	246.0	272.0	1.0	5.0	220.0	8.4	356.0	300	-55~+150	SMC
5.0SMDJ250A	5.0SMDJ250CA	5000	279.0	309.0	1.0	5.0	250.0	7.4	405.0	300	-55~+150	SMC
5.0SMDJ300A	5.0SMDJ300CA	5000	335.0	371.0	1.0	5.0	300.0	6.1	486.0	300	-55~+150	SMC
5.0SMDJ350A	5.0SMDJ350CA	5000	391.0	432.0	1.0	5.0	350.0	5.3	567.0	300	-55~+150	SMC
5.0SMDJ400A	5.0SMDJ400CA	5000	447.0	494.0	1.0	5.0	400.0	4.6	648.0	300	-55~+150	SMC
5.0SMDJ440A	5.0SMDJ440CA	5000	492.0	543.0	1.0	5.0	440.0	4.2	713.0	300	-55~+150	SMC

Note Note:

- 1.1.Suffix "A" denotes 5% tolerance device. Without "A" denotes 10% tolerance device
- 2.Add suffix "C" or "CA" after part number to specify Bi-directional devices
- 3.For Bi-directional devices having VR of 10 volts and under, the IR limit is double



SMC

稳压二极管

ZENER DIODE

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current	最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=200mA	典型热阻 Typical Thermal Resistance	工作结温 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	IzK							
BZX55C2V4	2.28-2.56	5.0	85.0	600	1	100	1	145	1.5	300	-55~+175	DO-35
BZX55C2V7	2.50-2.90	5.0	85.0	600	1	50	1	135	1.5	300	-55~+175	DO-35
BZX55C3V0	2.80-3.20	5.0	85.0	600	1	40	1	125	1.5	300	-55~+175	DO-35
BZX55C3V3	3.10-3.50	5.0	85.0	600	1	40	1	115	1.5	300	-55~+175	DO-35
BZX55C3V6	3.40-3.80	5.0	85.0	600	1	40	1	105	1.5	300	-55~+175	DO-35
BZX55C3V9	3.70-4.10	5.0	85.0	600	1	40	1	95	1.5	300	-55~+175	DO-35
BZX55C4V3	4.00-4.60	5.0	75.0	600	1	20	1	90	1.5	300	-55~+175	DO-35
BZX55C4V7	4.40-5.00	5.0	60.0	600	1	10	1	85	1.5	300	-55~+175	DO-35
BZX55C5V1	4.80-5.40	5.0	35.0	550	1	2	1	80	1.5	300	-55~+175	DO-35
BZX55C5V6	5.20-6.00	5.0	25.0	450	1	2	1	70	1.5	300	-55~+175	DO-35
BZX55C6V2	5.80-6.60	5.0	10.0	200	1	2	2	64	1.5	300	-55~+175	DO-35
BZX55C6V8	6.40-7.20	5.0	8.0	150	1	2	3	58	1.5	300	-55~+175	DO-35
BZX55C7V5	7.00-7.90	5.0	7.0	50	1	2	5	53	1.5	300	-55~+175	DO-35
BZX55C8V2	7.70-8.70	5.0	7.0	50	1	2	6.2	47	1.5	300	-55~+175	DO-35
BZX55C9V1	8.50-9.60	5.0	10.0	50	1	2	6.8	43	1.5	300	-55~+175	DO-35
BZX55C10	9.40-10.60	5.0	15.0	70	1	2	7.5	40	1.5	300	-55~+175	DO-35
BZX55C11	10.40-11.60	5.0	20.0	70	1	2	8.2	36	1.5	300	-55~+175	DO-35
BZX55C12	11.40-12.70	5.0	20.0	90	1	2	9.1	32	1.5	300	-55~+175	DO-35
BZX55C13	12.4-14.1	5.0	26.0	110	1	2	10	29	1.5	300	-55~+175	DO-35
BZX55C15	13.8-15.6	5.0	30.0	110	1	2	11	27	1.5	300	-55~+175	DO-35
BZX55C16	15.3-17.1	5.0	40.0	170	1	2	12	24	1.5	300	-55~+175	DO-35
BZX55C18	16.8-19.1	5.0	50.0	170	1	2	13	21	1.5	300	-55~+175	DO-35
BZX55C20	18.8-21.2	5.0	55.0	220	1	2	15	20	1.5	300	-55~+175	DO-35
BZX55C22	20.8-23.3	5.0	55.0	220	1	2	16	18	1.5	300	-55~+175	DO-35
BZX55C24	22.8-25.6	5.0	80.0	220	1	2	18	16	1.5	300	-55~+175	DO-35
BZX55C27	25.1-28.9	5.0	80.0	220	1	2	20	14	1.5	300	-55~+175	DO-35
BZX55C30	28.0-32.0	5.0	80.0	220	1	2	22	13	1.5	300	-55~+175	DO-35
BZX55C33	31.0-35.0	5.0	80.0	220	1	2	24	12	1.5	300	-55~+175	DO-35
BZX55C36	34.0-38.0	5.0	80.0	220	1	2	27	11	1.5	300	-55~+175	DO-35
BZX55C39	37.0-41.0	2.5	90	500	0.5	5	30	10	1.5	300	-55~+175	DO-35
BZX55C43	40.0-46.0	2.5	90	600	0.5	5	33	9.2	1.5	300	-55~+175	DO-35
BZX55C47	44.0-50.0	2.5	110	700	0.5	5	36	8.5	1.5	300	-55~+175	DO-35
BZX55C51	48.0-54.0	2.5	125	700	0.5	10	39	7.8	1.5	300	-55~+175	DO-35
BZX55C56	52.0-60.0	2.5	135	1000	0.5	10	43	7	1.5	300	-55~+175	DO-35
BZX55C62	58.0-66.0	2.5	150	1000	0.5	10	47	6.4	1.5	300	-55~+175	DO-35
BZX55C68	64.0-72.0	2.5	200	1000	0.5	10	51	5.9	1.5	300	-55~+175	DO-35
BZX55C75	70.0-79.0	2.5	250	1500	0.5	10	56	5.3	1.5	300	-55~+175	DO-35



DO-35

稳压二极管  
ZENER DIODE

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current		最大正向电压 Maximum VF @IF=200mA		典型热阻 Typical Thermal Resistance		工作温度范围 Operating Temp. Range		功耗 DC power dissipation at TL=50°C		封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM	V	R θ JA	Tj	Pd							
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(m)	(°C/W)	(°C)	(W)							
BZX55B2V7	2.64-2.76	5.0	85.0	600	1	10	1	135	1.5	300	-65~+175	0.5	DO-35					
BZX55B3V0	2.94-3.06	5.0	90.0	600	1	4	1	125	1.5	300	-65~+175	0.5	DO-35					
BZX55B3V3	2.24-3.36	5.0	90.0	600	1	2	1	115	1.5	300	-65~+175	0.5	DO-35					
BZX55B3V6	3.52-3.68	5.0	90.0	600	1	2	1	105	1.5	300	-65~+175	0.5	DO-35					
BZX55B3V9	3.82-3.98	5.0	90.0	600	1	2	1	95	1.5	300	-65~+175	0.5	DO-35					
BZX55B4V3	4.22-4.38	5.0	90.0	600	1	1	1	90	1.5	300	-65~+175	0.5	DO-35					
BZX55B4V7	4.60-4.80	5.0	80.0	600	1	0.5	1	85	1.5	300	-65~+175	0.5	DO-35					
BZX55B5V1	5.00-5.20	5.0	60.0	550	1	0.1	1	80	1.5	300	-65~+175	0.5	DO-35					
BZX55B5V6	5.48-5.72	5.0	40.0	450	1	0.1	1	70	1.5	300	-65~+175	0.5	DO-35					
BZX55B6V2	6.08-6.32	5.0	10.0	200	1	0.1	2	64	1.5	300	-65~+175	0.5	DO-35					
BZX55B6V8	6.66-6.94	5.0	8.0	150	1	0.1	3	58	1.5	300	-65~+175	0.5	DO-35					
BZX55B7V5	7.35-7.65	5.0	7.0	50	1	0.1	5	53	1.5	300	-65~+175	0.5	DO-35					
BZX55B8V2	8.04-8.36	5.0	7.0	50	1	0.1	6.2	47	1.5	300	-65~+175	0.5	DO-35					
BZX55B9V1	8.92-9.28	5.0	10.0	50	1	0.1	6.8	43	1.5	300	-65~+175	0.5	DO-35					
BZX55B10	9.8-10.2	5.0	15.0	70	1	0.1	7.5	40	1.5	300	-65~+175	0.5	DO-35					
BZX55B11	10.78-11.22	5.0	20.0	70	1	0.1	8.2	36	1.5	300	-65~+175	0.5	DO-35					
BZX55B12	11.76-12.24	5.0	20.0	90	1	0.1	9.1	32	1.5	300	-65~+175	0.5	DO-35					
BZX55B13	12.74-13.26	5.0	26.0	110	1	0.1	10	29	1.5	300	-65~+175	0.5	DO-35					
BZX55B15	14.7-15.3	5.0	30.0	110	1	0.1	11	27	1.5	300	-65~+175	0.5	DO-35					
BZX55B16	15.7-16.3	5.0	40.0	170	1	0.1	12	24	1.5	300	-65~+175	0.5	DO-35					
BZX55B18	17.64-18.36	5.0	50.0	170	1	0.1	13	21	1.5	300	-65~+175	0.5	DO-35					
BZX55B20	19.6-20.4	5.0	55.0	220	1	0.1	15	20	1.5	300	-65~+175	0.5	DO-35					
BZX55B22	21.55-22.45	5.0	55.0	220	1	0.1	16	18	1.5	300	-65~+175	0.5	DO-35					
BZX55B24	23.5-24.5	5.0	80.0	220	1	0.1	18	16	1.5	300	-65~+175	0.5	DO-35					
BZX55B27	26.4-27.6	5.0	80.0	220	1	0.1	20	14	1.5	300	-65~+175	0.5	DO-35					
BZX55B30	29.4-30.6	5.0	80.0	220	1	0.1	22	13	1.5	300	-65~+175	0.5	DO-35					
BZX55B33	32.4-33.6	5.0	80.0	220	1	0.1	24	12	1.5	300	-65~+175	0.5	DO-35					
BZX55B36	35.3-36.7	5.0	80.0	220	1	0.1	27	11	1.5	300	-65~+175	0.5	DO-35					
BZX55B39	38.2-39.8	2.5	90	500	0.5	0.1	30	10	1.5	300	-65~+175	0.5	DO-35					
BZX55B43	42.1-43.9	2.5	90	600	0.5	0.1	33	9.2	1.5	300	-65~+175	0.5	DO-35					
BZX55B47	46.1-47.9	2.5	110	700	0.5	0.1	36	8.5	1.5	300	-65~+175	0.5	DO-35					
BZX55B51	50.0-52.0	2.5	125	700	0.5	0.1	39	7.8	1.5	300	-65~+175	0.5	DO-35					
BZX55B56	54.9-57.1	2.5	135	1000	0.5	0.1	43	7	1.5	300	-65~+175	0.5	DO-35					
BZX55B62	60.8-63.2	2.5	150	1000	0.5	0.1	47	6.4	1.5	300	-65~+175	0.5	DO-35					
BZX55B68	66.6-69.4	2.5	200	1000	0.5	0.1	51	5.9	1.5	300	-65~+175	0.5	DO-35					
BZX55B75	73-76.5	2.5	250	1500	0.5	0.1	56	5.3	1.5	300	-65~+175	0.5	DO-35					



DO-35

稳压二极管  
ZENER DIODE

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current		最大正向电压 Maximum VF @IF=200mA		典型热阻 Typical Thermal Resistance		工作温度范围 Operating Temp. Range		功耗 DC power dissipation at TL=50°C		封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM	V	R θ JA	Tj	Pd							
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(m)	(°C/W)	(°C)	(W)							
1N5221B	2.4	20.0	30.0	1200	0.25	100	1	191	1.1	300	-65~+175	0.5	DO-35					
1N5222B	2.5	20.0	30.0	1250	0.25	100	1	182	1.1	300	-65~+175	0.5	DO-35					
1N5223B	2.7	20.0	30.0	1300	0.25	75	1	168	1.1	300	-65~+175	0.5	DO-35					
1N5224B	2.8	20.0	30.0	1400	0.25	75	1	162	1.1	300	-65~+175	0.5	DO-35					
1N5225B	3.0	20.0	29.0	1600	0.25	50	1	152	1.1	300	-65~+175	0.5	DO-35					
1N5226B	3.3	20.0	28.0	1600	0.25	25	1	138	1.1	300	-65~+175	0.5	DO-35					
1N5227B	3.6	20.0	24.0	1700	0.25	15	1	126	1.1	300	-65~+175	0.5	DO-35					
1N5228B	3.9	20.0	23.0	1900	0.25	10	1	115	1.1	300	-65~+175	0.5	DO-35					
1N5229B	4.3	20.0	22.0	2000	0.25	5	1	106	1.1	300	-65~+175	0.5	DO-35					
1N5230B	4.7	20.0	19.0	1900	0.25	5	2	97	1.1	300	-65~+175	0.5	DO-35					
1N5231B	5.1	20.0	17.0	1600	0.25	5	2	89	1.1	300	-65~+175	0.5	DO-35					
1N5232B	5.6	20.0	11.0	1600	0.25	5	3	81	1.1	300	-65~+175	0.5	DO-35					
1N5233B	6.0	20.0	7.0	1600	0.25	5	3.5	76	1.1	300	-65~+175	0.5	DO-35					
1N5234B	6.2	20.0	7.0	1000	0.25	5	3	73	1.1	300	-65~+175	0.5	DO-35					
1N5235B	6.8	20.0	5.0	750	0.25	3	4	67	1.1	300	-65~+175	0.5	DO-35					
1N5236B	7.5	20.0	6.0	500	0.25	3	5	61	1.1	300	-65~+175	0.5	DO-35					
1N5237B	8.2	20.0	8.0	500	0.25	3	6	55	1.1	300	-65~+175	0.5	DO-35					
1N5238B	8.7	20.0	8.0	600	0.25	3	6.5	52	1.1	300	-65~+175	0.5	DO-35					
1N5239B	9.1	20.0	10.0	600	0.25	3	6.5	50	1.1	300	-65~+175	0.5	DO-35					
1N5240B	10.0	20.0	17.0	600	0.25	3	7	45	1.1	300	-65~+175	0.5	DO-35					
1N5241B	11.0	20.0	22.0	600	0.25	2	8	41	1.1	300	-65~+175	0.5	DO-35					
1N5242B	12.0	20.0	30.0	600	0.25	1	9.1	38	1.1	300	-65~+175	0.5	DO-35					
1N5243B	13.0	9.5	13.0	600	0.25	0.5	9.9	35	1.1	300	-65~+175	0.5	DO-35					
1N5244B	14.0	9.0	15.0	600	0.25	0.1	10	32	1.1	300	-65~+175	0.5	DO-35					
1N5245B	15.0	8.5	16.0	600	0.25	0.1	11	30	1.1	300	-65~+175	0.5	DO-35					
1N5246B	16.0	7.8	17.0	600	0.25	0.1	12	28	1.1	300	-65~+175	0.5	DO-35					
1N5247B	17.0	7.4	19.0	600	0.25	0.1	13	27	1.1	300	-65~+175	0.5	DO-35					
1N5248B	18.0	7.0	21.0	600	0.25	0.1	14	25	1.1	300	-65~+175	0.5	DO-35					
1N5249B	19.0	6.6	23.0	600	0.25	0.1	14	24	1.1	300	-65~+175	0.5	DO-35					
1N5250B	20.0	6.2	25.0	600	0.25	0.1	15	23	1.1	300	-65~+175	0.5	DO-35					
1N5251B	22.0	5.6	29.0	600	0.25	0.1	17	21	1.1	300	-65~+175	0.5	DO-35					
1N5252B	24.0	5.2	33.0	600	0.25	0.1	18	19.1	1.1	300	-65~+175	0.5	DO-35					
1N5253B	25.0	5.0	35.0	600	0.25	0.1	19	18.2	1.1	300	-65~+175	0.5	DO-35					
1N5254B	27.0	4.6	41.0	600	0.25	0.1	21	16.8	1.1	300	-65~+175	0.5	DO-35					
1N5255B	28.0	4.5	44.0	600	0.25	0.1	21	16.2	1.1	300	-65~+175	0.5	DO-35					
1N5256B	30.0	4.2	49	600	0.25	0.1	23	15.1	1.1	300	-65~+175	0.5	DO-35					
1N5257B	33.0	3.8	58	700	0.25	0.1	25	13.8	1.1	300	-65~+175	0.5	DO-35					
1N5258B	36.0	3.4	70	700	0.25	0.1	27	12.6	1.1	300	-65~+175	0.5	DO-35					
1N5259B	39.0	3.2	80	800	0.25	0.1	30	11.6	1.1	300	-65~+175	0.5	DO-35					
1N5260B	43.0	3.0	93	900	0.25	0.1	33	10.6	1.1	300	-65~+175	0.5	DO-35					
1N5261B	47.0	2.7	105	1000	0.25	0.1	36	9.7	1.1	300	-65~+175	0.5	DO-35					
1N5262B	51.0	2.5	125	1100	0.25	0.1	39	8.9	1.1	300	-65~+175	0.5	DO-35					

Note:

1. Standard Zener voltage tolerance is ±5% with a "B" suffix, and ±10% with a "A" suffix.



DO-35

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current		最大正向电压 Maximum VF @IF=100mA		典型热阻 Typical Thermal Resistance		工作温度范围 Operating Temp. Range		功耗 DC power dissipation at TL=50°C		封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	IzK	IR@VR	IzM	VF	RθJA	TJ	Pd							
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(°C/W)	(°C)	(W)								
1N4728A	3.3	76.0	10.0	400	1	100	1	276	1.2	110	-65~+175	1	DO-41G					
1N4729A	3.6	69.0	10.0	400	1	100	1	252	1.2	110	-65~+175	1	DO-41G					
1N4730A	3.9	64.0	9.0	400	1	50	1	234	1.2	110	-65~+175	1	DO-41G					
1N4731A	4.3	58.0	9.0	400	1	10	1	217	1.2	110	-65~+175	1	DO-41G					
1N4732A	4.7	53.0	8.0	400	1	10	1	193	1.2	110	-65~+175	1	DO-41G					
1N4733A	5.1	49.0	7.0	500	1	10	1	178	1.2	110	-65~+175	1	DO-41G					
1N4734A	5.6	45.0	5.0	550	1	10	2	162	1.2	110	-65~+175	1	DO-41G					
1N4735A	6.2	41.0	2.0	700	1	10	3	146	1.2	110	-65~+175	1	DO-41G					
1N4736A	6.8	37.0	3.5	700	1	10	4	133	1.2	110	-65~+175	1	DO-41G					
1N4737A	7.5	34.0	4.0	700	0.5	10	5	121	1.2	110	-65~+175	1	DO-41G					
1N4738A	8.2	31.0	4.5	700	0.5	10	6	110	1.2	110	-65~+175	1	DO-41G					
1N4739A	9.1	28.0	5.0	700	0.5	10	7	100	1.2	110	-65~+175	1	DO-41G					
1N4740A	10.0	25.0	7.0	700	0.25	10	7.6	91	1.2	110	-65~+175	1	DO-41G					
1N4741A	11.0	23.0	8.0	700	0.25	5	8.4	83	1.2	110	-65~+175	1	DO-41G					
1N4742A	12.0	21.0	9.0	700	0.25	5	9.1	76	1.2	110	-65~+175	1	DO-41G					
1N4743A	13.0	19.0	10.0	700	0.25	5	9.9	69	1.2	110	-65~+175	1	DO-41G					
1N4744A	15.0	17.0	14.0	700	0.25	5	11.4	61	1.2	110	-65~+175	1	DO-41G					
1N4745A	16.0	15.5	16.0	700	0.25	5	12.2	57	1.2	110	-65~+175	1	DO-41G					
1N4746A	18.0	14.0	20.0	750	0.25	5	13.7	50	1.2	110	-65~+175	1	DO-41G					
1N4747A	20.0	12.5	22.0	750	0.25	5	15.2	45	1.2	110	-65~+175	1	DO-41G					
1N4748A	22.0	11.5	23.0	750	0.25	5	16.7	41	1.2	110	-65~+175	1	DO-41G					
1N4749A	24.0	10.5	25.0	750	0.25	5	18.2	38	1.2	110	-65~+175	1	DO-41G					
1N4750A	27.0	9.5	35.0	750	0.25	5	20.6	34	1.2	110	-65~+175	1	DO-41G					
1N4751A	30.0	8.5	40.0	1000	0.25	5	22.8	30	1.2	110	-65~+175	1	DO-41G					
1N4752A	33.0	7.5	45.0	1000	0.25	5	25.1	27	1.2	110	-65~+175	1	DO-41G					
1N4753A	36.0	7.0	50.0	1000	0.25	5	27.4	25	1.2	110	-65~+175	1	DO-41G					
1N4754A	39.0	6.5	60.0	1000	0.25	5	29.7	23	1.2	110	-65~+175	1	DO-41G					
1N4755A	43.0	6.0	70.0	1500	0.25	5	32.7	22	1.2	110	-65~+175	1	DO-41G					
1N4756A	47.0	5.5	80.0	1500	0.25	5	35.8	19	1.2	110	-65~+175	1	DO-41G					
1N4757A	51.0	5.0	95.0	1500	0.25	5	38.8	18	1.2	110	-65~+175	1	DO-41G					
1N4758A	56.0	4.5	110.0	2000	0.25	5	42.6	16	1.2	110	-65~+175	1	DO-41G					
1N4759A	62.0	4.0	125.0	2000	0.25	5	47.1	14	1.2	110	-65~+175	1	DO-41G					
1N4760A	68.0	3.7	150.0	2000	0.25	5	51.7	13	1.2	110	-65~+175	1	DO-41G					
1N4761A	75.0	3.3	175.0	2000	0.25	5	56	12	1.2	110	-65~+175	1	DO-41G					
1N4762A	82.0	3.0	200.0	3000	0.25	5	62.2	11	1.2	110	-65~+175	1	DO-41G					
1N4763A	91.0	2.8	250.0	3000	0.25	5	69.7	10	1.2	110	-65~+175	1	DO-41G					
1N4764A	100.0	2.5	350.0	3000	0.25	5	76	9	1.2	110	-65~+175	1	DO-41G					

Note:

- 1.The type number listed have a standard tolerance on the nominal zener voltage of ± 5%;
- 2.The reverse surge current is a non-repetitive,8.3ms pulse width square wave or equivalent sine-wave superimposed on IZT per JEDEC method.



DO-41G

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current		最大正向电压 Maximum VF @IF=100mA		典型热阻 Typical Thermal Resistance		工作温度范围 Operating Temp. Range		功耗 DC power dissipation at TL=50°C		封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	IzK	IR@VR	IzM	VF	RθJA	TJ	Pd							
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(mA)	(°C/W)	(°C)	(W)							
1N5920B	6.2	60.5	2.0	200	1	2.5	4	241	1.5	28	-55~+175	1.5	DO-41					
1N5921B	6.8	55.1	2.5	200	1	2.5	5.2	220	1.5	28	-55~+175	1.5	DO-41					
1N5922B	7.5	50.0	3.0	400	0.5	2.5	6	200	1.5	28	-55~+175	1.5	DO-41					
1N5923B	8.2	45.7	3.5	400	0.5	2.5	6.5	182	1.5	28	-55~+175	1.5	DO-41					
1N5924B	9.1	41.2	4.0	500	0.5	2.5	7	164	1.5	28	-55~+175	1.5	DO-41					
1N5925B	10.0	37.5	4.5	500	0.25	2.5	8	150	1.5	28	-55~+175	1.5	DO-41					
1N5926B	11.0	34.1	5.5	550	0.25	0.5	8.4	136	1.5	28	-55~+175	1.5	DO-41					
1N5927B	12.0	31.2	6.5	550	0.25	0.5	9.1	125	1.5	28	-55~+175	1.5	DO-41					
1N5928B	13.0	28.8	7.0	550	0.25	0.5	9.9	115	1.5	28	-55~+175	1.5	DO-41					
1N5929B	15.0	25.0	9.0	600	0.25	0.5	11.4	100	1.5	28	-55~+175	1.5	DO-41					
1N5930B	16.0	23.4	10.0	600	0.25	0.5	12.2	93	1.5	28	-55~+175	1.5	DO-41					
1N5931B	18.0	20.8	12.0	650	0.25	0.5	13.7	83	1.5	28	-55~+175	1.5	DO-41					
1N5932B	20.0	18.7	14.0	650	0.25	0.5	15.2	75	1.5	28	-55~+175	1.5	DO-41					
1N5933B	22.0	17.0	17.5	650	0.25	0.5	16.7	68	1.5	28	-55~+175	1.5	DO-41					
1N5934B	24.0	15.6	19.0	700	0.25	0.5	18.2	62	1.5	28	-55~+175	1.5	DO-41					
1N5935B	27.0	13.9	23.0	700	0.25	0.5	20.6	55	1.5	28	-55~+175	1.5	DO-41					
1N5936B	30.0	12.5	26.0	750	0.25	0.5	22.8	50	1.5	28	-55~+175	1.5	DO-41					
1N5937B	33.0	11.4	33.0	800	0.25	0.5	25.1	45	1.5	28	-55~+175	1.5	DO-41					
1N5938B	36.0	10.4	38.0	850	0.25	0.5	27.4	41	1.5	28	-55~+175	1.5	DO-41					
1N5939B	39.0	9.6	45.0	900	0.25	0.5	29.7	38	1.5	28	-55~+175	1.5	DO-41					
1N5940B	43.0	8.7	53.0	950	0.25	0.5	32.7	34	1.5	28	-55~+175	1.5	DO-41					
1N5941B	47.0	8.0	67.0	1000	0.25	0.5	35.8	31	1.5	28	-55~+175	1.5	DO-41					
1N5942B	51.0	7.3	70.0	1100	0.25	0.5	38.8	29	1.5	28	-55~+175	1.5	DO-41					
1N5943B	56.0	6.7	86.0	1300	0.25	0.5	42.6	26	1.5	28	-55~+175	1.5	DO-41					
1N5944B	62.0	6.0	100.0	1500	0.25	0.5	47.1	24	1.5	28	-55~+175	1.5	DO-41					
1N5945B	68.0	5.5	120.0	1700	0.25	0.5	51.7	22	1.5	28	-55~+175	1.5	DO-41					
1N5946B	75.0	5.0	140.0	2000	0.25	0.5	56	20	1.5	28	-55~+175	1.5	DO-41					
1N5947B	82.0	4.6	160.0	2500	0.25	0.5	62.2	18	1.5	28	-55~+175	1.5	DO-41					
1N5948B	91.0	4.1	200.0	3000	0.25	0.5	69.7	16	1.5	28	-55~+175	1.5	DO-41					
1N5949B	100.0	3.7	250.0	3100	0.25	0.5	76	15	1.5	28	-55~+175	1.5	DO-41					
1N5950B	110.0	3.4	300.0	4000	0.25	0.5	83.6	13	1.5	28	-55~+175	1.5	DO-41					
1N5951B	120.0	3.1	380.0	4500	0.25	0.5	91.2	12	1.5	28	-55~+175	1.5	DO-41					
1N5952B	130.0	2.9	450.0	5000	0.25	0.5	98.8	11	1.5	28	-55~+175	1.5	DO-41					
1N5953B	150.0	2.5	600.0	6000	0.25	0.5	114	10	1.5	28	-55~+175	1.5	DO-41					
1N5954B	160.0	2.3	700.0	6500	0.25	0.5	121.6	9	1.5	28	-55~+175	1.5	DO-41					
1N5955B	180.0	2.1	900.0	7000	0.25	0.5	136.8	8	1.5	28	-55~+175	1.5	DO-41					
1N5956B	200.0	1.9	1200.0	8000	0.25	0.5	152	7	1.5	28	-55~+175	1.5	DO-41					

Note:

- 1.The type number listed have a standard tolerance on the nominal zener voltage of ± 5%;
- 2.The reverse surge current is a non-repetitive,8.3ms pulse width square wave or equivalent sine-wave superimposed on IZT per JEDEC method.



DO-41

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current	最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=100mA	典型热阻 Typical Thermal Resistance	工作温度范围 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package	
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM		Tj	Pd			
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(°C/W)	(°C)	(W)			
1N5341B	6.2	200.0	1.0	200	1	1	3	766	1.2	20	-55~+150	5	DO-201AE
1N5342B	6.8	175.0	1.0	200	1	10	5.2	699	1.2	20	-55~+150	5	DO-201AE
1N5343B	7.5	175.0	1.5	200	1	10	5.7	633	1.2	20	-55~+150	5	DO-201AE
1N5344B	8.2	150.0	1.5	200	1	10	6.2	579	1.2	20	-55~+150	5	DO-201AE
1N5345B	8.7	150.0	2.0	200	1	10	6.6	546	1.2	20	-55~+150	5	DO-201AE
1N5346B	9.1	150.0	2.0	150	1	7.5	6.9	522	1.2	20	-55~+150	5	DO-201AE
1N5347B	10.0	125.0	2.0	125	1	5	7.6	475	1.2	20	-55~+150	5	DO-201AE
1N5348B	11.0	125.0	2.5	125	1	5	8.4	432	1.2	20	-55~+150	5	DO-201AE
1N5349B	12.0	100.0	2.5	125	1	2	9.1	396	1.2	20	-55~+150	5	DO-201AE
1N5350B	13.0	100.0	2.5	100	1	1	9.9	365	1.2	20	-55~+150	5	DO-201AE
1N5351B	14.0	100.0	2.5	75	1	1	10.6	339	1.2	20	-55~+150	5	DO-201AE
1N5352B	15.0	75.0	2.5	75	1	1	11.5	317	1.2	20	-55~+150	5	DO-201AE
1N5353B	16.0	75.0	2.5	75	1	1	12.2	297	1.2	20	-55~+150	5	DO-201AE
1N5354B	17.0	70.0	2.5	75	1	0.5	12.9	279	1.2	20	-55~+150	5	DO-201AE
1N5355B	18.0	65.0	2.5	75	1	0.5	13.7	264	1.2	20	-55~+150	5	DO-201AE
1N5356B	19.0	65.0	3.0	75	1	0.5	14.4	250	1.2	20	-55~+150	5	DO-201AE
1N5357B	20.0	65.0	3.0	75	1	0.5	15.2	238	1.2	20	-55~+150	5	DO-201AE
1N5358B	22.0	50.0	3.5	75	1	0.5	16.7	216	1.2	20	-55~+150	5	DO-201AE
1N5359B	24.0	50.0	3.5	100	1	0.5	18.2	198	1.2	20	-55~+150	5	DO-201AE
1N5360B	25.0	50.0	4.0	110	1	0.5	19.0	190	1.2	20	-55~+150	5	DO-201AE
1N5361B	27.0	50.0	5.0	120	1	0.5	20.6	176	1.2	20	-55~+150	5	DO-201AE
1N5362B	28.0	50.0	6.0	130	1	0.5	21.2	170	1.2	20	-55~+150	5	DO-201AE
1N5363B	30.0	40.0	8.0	140	1	0.5	22.8	158	1.2	20	-55~+150	5	DO-201AE
1N5364B	33.0	40.0	10.0	150	1	0.5	25.1	144	1.2	20	-55~+150	5	DO-201AE
1N5365B	36.0	30.0	11.0	160	1	0.5	27.4	132	1.2	20	-55~+150	5	DO-201AE
1N5366B	39.0	30.0	14.0	170	1	0.5	29.7	122	1.2	20	-55~+150	5	DO-201AE
1N5367B	43.0	30.0	20.0	190	1	0.5	32.7	110	1.2	20	-55~+150	5	DO-201AE
1N5368B	47.0	25.0	25.0	210	1	0.5	35.8	101	1.2	20	-55~+150	5	DO-201AE
1N5369B	51.0	25.0	27.0	230	1	0.5	38.8	93	1.2	20	-55~+150	5	DO-201AE
1N5370B	56.0	20.0	35.0	280	1	0.5	42.6	85	1.2	20	-55~+150	5	DO-201AE
1N5371B	60.0	20.0	40.0	350	1	0.5	45.2	79	1.2	20	-55~+150	5	DO-201AE
1N5372B	62.0	20.0	42.0	400	1	0.5	47.1	77	1.2	20	-55~+150	5	DO-201AE
1N5373B	68.0	20.0	44.0	500	1	0.5	51.7	70	1.2	20	-55~+150	5	DO-201AE
1N5374B	75.0	20.0	45.0	620	1	0.5	56	63	1.2	20	-55~+150	5	DO-201AE
1N5375B	82.0	15.0	65.0	720	1	0.5	62.2	58	1.2	20	-55~+150	5	DO-201AE
1N5376B	87.0	15.0	75.0	760	1	0.5	66	55	1.2	20	-55~+150	5	DO-201AE
1N5377B	91.0	15.0	65.0	760	1	0.5	69.2	52	1.2	20	-55~+150	5	DO-201AE
1N5378B	100.0	12.0	90.0	800	1	0.5	76	48	1.2	20	-55~+150	5	DO-201AE



DO-201AE

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current	最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=100mA	典型热阻 Typical Thermal Resistance	工作温度范围 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package	
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM		Tj	Pd			
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(mV)	(°C/W)	(°C)	(W)		
1N5379B	110.0	12.0	125.0	1000	1	0.5	83.6	43	1.2	20	-55~+150	5	DO-201AE
1N5380B	120.0	10.0	170.0	1150	1	0.5	91.2	40	1.2	20	-55~+150	5	DO-201AE
1N5381B	130.0	10.0	190.0	1250	1	0.5	98.8	37	1.2	20	-55~+150	5	DO-201AE
1N5382B	140.0	8.0	230.0	1500	1	0.5	106	34	1.2	20	-55~+150	5	DO-201AE
1N5383B	150.0	8.0	330.0	1500	1	0.5	114	32	1.2	20	-55~+150	5	DO-201AE
1N5384B	160.0	8.0	350.0	1650	1	0.5	122	30	1.2	20	-55~+150	5	DO-201AE
1N5385B	170.0	8.0	380.0	1750	1	0.5	129	28	1.2	20	-55~+150	5	DO-201AE
1N5386B	180.0	5.0	430.0	1750	1	0.5	137	26	1.2	20	-55~+150	5	DO-201AE
1N5387B	190.0	5.0	450.0	1850	1	0.5	144	25	1.2	20	-55~+150	5	DO-201AE
1N5388B	200.0	5.0	480.0	1850	1	0.5	152	24	1.2	20	-55~+150	5	DO-201AE

Note:

- 1.The type number listed have a standard tolerance on the nominal zener voltage of ± 5%;
- 2.The reverse surge current is a non-repetitive,8.3ms pulse width square wave or equivalent sine-wave superimposed on IZT per JEDEC method.



DO-201AE

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=200mA	典型热阻 Typical Thermal Resistance	工作结温 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM	(V)	RθJA	Tj	Pd		
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(°C/W)	(°C)	(W)			
ZMM55C2V4	2.28-2.56	5.0	85.0	600	1	50	1	145	1.5	300	-65~+175	0.5	LL-34
ZMM55C2V7	2.50-2.90	5.0	85.0	600	1	10	1	135	1.5	300	-65~+175	0.5	LL-34
ZMM55C3V0	2.80-3.20	5.0	85.0	600	1	4	1	125	1.5	300	-65~+175	0.5	LL-34
ZMM55C3V3	3.10-3.50	5.0	85.0	600	1	2	1	115	1.5	300	-65~+175	0.5	LL-34
ZMM55C3V6	3.40-3.80	5.0	85.0	600	1	2	1	105	1.5	300	-65~+175	0.5	LL-34
ZMM55C3V9	3.70-4.10	5.0	85.0	600	1	2	1	95	1.5	300	-65~+175	0.5	LL-34
ZMM55C4V3	4.00-4.60	5.0	75.0	600	1	1	1	90	1.5	300	-65~+175	0.5	LL-34
ZMM55C4V7	4.40-5.00	5.0	60.0	600	1	0.5	1	85	1.5	300	-65~+175	0.5	LL-34
ZMM55C5V1	4.80-5.40	5.0	35.0	550	1	0.1	1	80	1.5	300	-65~+175	0.5	LL-34
ZMM55C5V6	5.20-6.00	5.0	25.0	450	1	0.1	1	70	1.5	300	-65~+175	0.5	LL-34
ZMM55C6V2	5.80-6.00	5.0	10.0	200	1	0.1	2	64	1.5	300	-65~+175	0.5	LL-34
ZMM55C6V8	6.40-7.20	5.0	8.0	150	1	0.1	3	58	1.5	300	-65~+175	0.5	LL-34
ZMM55C7V5	7.00-7.90	5.0	7.0	50	1	0.1	5	53	1.5	300	-65~+175	0.5	LL-34
ZMM55C8V2	7.70-8.70	5.0	7.0	50	1	0.1	6.2	47	1.5	300	-65~+175	0.5	LL-34
ZMM55C9V1	8.50-9.60	5.0	10.0	50	1	0.1	6.8	43	1.5	300	-65~+175	0.5	LL-34
ZMM55C10V	9.40-10.6	5.0	15.0	70	1	0.1	7.5	40	1.5	300	-65~+175	0.5	LL-34
ZMM55C11V	10.4-11.6	5.0	20.0	70	1	0.1	8.2	36	1.5	300	-65~+175	0.5	LL-34
ZMM55C12V	11.4-12.7	5.0	20.0	90	1	0.1	9.1	32	1.5	300	-65~+175	0.5	LL-34
ZMM55C13V	12.4-14.1	5.0	26.0	110	1	0.1	10	29	1.5	300	-65~+175	0.5	LL-34
ZMM55C15V	13.8-15.6	5.0	30.0	110	1	0.1	11	27	1.5	300	-65~+175	0.5	LL-34
ZMM55C16V	15.3-17.1	5.0	40.0	170	1	0.1	12	24	1.5	300	-65~+175	0.5	LL-34
ZMM55C18V	16.9-19.1	5.0	50.0	170	1	0.1	13	21	1.5	300	-65~+175	0.5	LL-34
ZMM55C20V	18.8-21.2	5.0	55.0	220	1	0.1	15	20	1.5	300	-65~+175	0.5	LL-34
ZMM55C22V	20.8-23.3	5.0	55.0	220	1	0.1	16	18	1.5	300	-65~+175	0.5	LL-34
ZMM55C24V	22.8-25.6	5.0	80.0	220	1	0.1	18	16	1.5	300	-65~+175	0.5	LL-34
ZMM55C27V	25.1-28.9	5.0	80.0	220	1	0.1	20	14	1.5	300	-65~+175	0.5	LL-34
ZMM55C30V	28.0-32.0	5.0	80.0	220	1	0.1	22	13	1.5	300	-65~+175	0.5	LL-34
ZMM55C33V	31.0-35.0	5.0	80.0	220	1	0.1	24	12	1.5	300	-65~+175	0.5	LL-34
ZMM55C36V	34.0-38.0	5.0	80.0	220	1	0.1	27	11	1.5	300	-65~+175	0.5	LL-34
ZMM55C39V	37.0-41.0	2.5	90	500	0.5	0.1	30	10	1.5	300	-65~+175	0.5	LL-34
ZMM55C43V	40.0-46.0	2.5	90	600	0.5	0.1	33	9.2	1.5	300	-65~+175	0.5	LL-34
ZMM55C47V	44.0-50.0	2.5	110	700	0.5	0.1	36	8.5	1.5	300	-65~+175	0.5	LL-34
ZMM55C51V	48.0-54.0	2.5	125	700	0.5	0.1	39	7.8	1.5	300	-65~+175	0.5	LL-34
ZMM55C56V	52.0-60.0	2.5	135	1000	0.5	0.1	43	7	1.5	300	-65~+175	0.5	LL-34
ZMM55C62V	58.0-66.0	2.5	150	1000	0.5	0.1	47	6.4	1.5	300	-65~+175	0.5	LL-34
ZMM55C68V	64.0-72.0	2.5	200	1000	0.5	0.1	51	5.9	1.5	300	-65~+175	0.5	LL-34
ZMM55C75V	70.0-79.0	2.5	250	1500	0.5	0.1	56	5.3	1.5	300	-65~+175	0.5	LL-34


**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=200mA	典型热阻 Typical Thermal Resistance	工作温度范围 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	Izk	IR@VR	IzM	(V)	RθJA	Tj	Pd		
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(°C/W)	(°C)	(W)			
ZMM55B2V7	2.64-2.76	5.0	85.0	600	1	10	1	135	1.5	300	-65~+175	0.5	LL-35
ZMM55B3V0	2.94-3.06	5.0	85.0	600	1	4	1	125	1.5	300	-65~+175	0.5	LL-35
ZMM55B3V3	3.24-3.36	5.0	85.0	600	1	2	1	115	1.5	300	-65~+175	0.5	LL-35
ZMM55B3V6	3.52-3.68	5.0	85.0	600	1	2	1	105	1.5	300	-65~+175	0.5	LL-35
ZMM55B3V9	3.82-3.98	5.0	85.0	600	1	2	1	95	1.5	300	-65~+175	0.5	LL-35
ZMM55B4V3	4.22-4.38	5.0	75.0	600	1	1	1	90	1.5	300	-65~+175	0.5	LL-35
ZMM55B4V7	4.6-4.8	5.0	60.0	600	1	10	1	85	1.5	300	-65~+175	0.5	LL-35
ZMM55B5V1	5.00-5.20	5.0	35.0	550	1	0.5	1	80	1.5	300	-65~+175	0.5	LL-35
ZMM55B5V6	5.48-5.72	5.0	25.0	450	1	0.1	1	70	1.5	300	-65~+175	0.5	LL-35
ZMM55B6V2	6.08-6.32	5.0	10.0	200	1	0.1	2	64	1.5	300	-65~+175	0.5	LL-35
ZMM55B6V8	6.66-6.94	5.0	8.0	150	1	0.1	3	58	1.5	300	-65~+175	0.5	LL-35
ZMM55B7V5	7.35-7.65	5.0	7.0	50	1	0.1	5	53	1.5	300	-65~+175	0.5	LL-35
ZMM55B8V2	8.04-8.36	5.0	7.0	50	1	0.1	6.2	47	1.5	300	-65~+175	0.5	LL-35
ZMM55B9V1	8.92-9.28	5.0	10.0	50	1	0.1	6.8	43	1.5	300	-65~+175	0.5	LL-35
ZMM55B10V	9.8-10.2	5.0	15.0	70	1	0.1	7.5	40	1.5	300	-65~+175	0.5	LL-35
ZMM55B11V	10.78-11.22	5.0	20.0	70	1	0.1	8.2	36	1.5	300	-65~+175	0.5	LL-35
ZMM55B12V	11.76-12.24	5.0	20.0	90	1	0.1	9.1	32	1.5	300	-65~+175	0.5	LL-35
ZMM55B13V	12.74-13.26	5.0	26.0	110	1	0.1	10	29	1.5	300	-65~+175	0.5	LL-35
ZMM55B15V	14.7-15.3	5.0	30.0	110	1	0.1	11	27	1.5	300	-65~+175	0.5	LL-35
ZMM55B16V	15.7-16.3	5.0	40.0	170	1	0.1	12	24	1.5	300	-65~+175	0.5	LL-35
ZMM55B18V	17.64-18.36	5.0	50.0	170	1	0.1	13	21	1.5	300	-65~+175	0.5	LL-35
ZMM55B20V	19.6-20.4	5.0	55.0	220	1	0.1	15	20	1.5	300	-65~+175	0.5	LL-35
ZMM55B22V	21.55-22.45	5.0	55.0	220	1	0.1	16	18	1.5	300	-65~+175	0.5	LL-35
ZMM55B24V	23.5-24.5	5.0	80.0	220	1	0.1	18	16	1.5	300	-65~+175	0.5	LL-35
ZMM55B27V	26.4-27.6	5.0	80.0	220	1	0.1	20	14	1.5	300	-65~+175	0.5	LL-35
ZMM55B30V	29.4-30.6	5.0	80.0	220	1	0.1	22	13	1.5	300	-65~+175	0.5	LL-35
ZMM55B33V	32.4-33.6	5.0	80.0	220	1	0.1	24	12	1.5	300	-65~+175	0.5	LL-35
ZMM55B36V	35.3-36.7	5.0	80.0	220	1	0.1	27	11	1.5	300	-65~+175	0.5	LL-35
ZMM55B39V	38.2-39.8	2.5	90	500	0.5	0.1	30	10	1.5	300	-65~+175	0.5	LL-35
ZMM55B43V	42.1-43.9	2.5	90	600	0.5	0.1	33	9.2	1.5	300	-65~+175	0.5	LL-35
ZMM55B47V	46.1-47.9	2.5	110	700	0.5	0.1	36	8.5	1.5	300	-65~+175	0.5	LL-35
ZMM55B51V	50.0-52.0	2.5	125	700	0.5	0.1	39	7.8	1.5	300	-65~+175	0.5	LL-35
ZMM55B56V	54.9-57.1	2.5	135	1000	0.5	0.1	43	7	1.5	300	-65~+175	0.5	LL-35
ZMM55B62V	60.8-63.2	2.5	150	1000	0.5	0.1	47	6.4	1.5	300	-65~+175	0.5	LL-35
ZMM55B68V	66.6-69.4	2.5	200	1000	0.5	0.1	51	5.9	1.5	300	-65~+175	0.5	LL-35
ZMM55B75V	73.5-76.5	2.5	250	1500	0.5	0.1	56	5.3	1.5	300	-65~+175	0.5	LL-35



**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current		最大正向电压 Maximum VF @IF=200mA	典型热阻 Typical Thermal Resistance	工作结温 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package	
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	IzK	IR@VR	IzM	RθJA	TJ						Pd
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)	(mA)	(°C/W)						(°C)
ZMM5221B	2.4	20.0	30.0	1200	0.25	100	1	191	1.1	500	-65~+175	0.5	LL-35		
ZMM5222B	2.5	20.0	30.0	1250	0.25	100	1	182	1.1	500	-65~+175	0.5	LL-35		
ZMM5223B	2.7	20.0	30.0	1300	0.25	75	1	168	1.1	500	-65~+175	0.5	LL-35		
ZMM5224B	2.8	20.0	30.0	1400	0.25	75	1	162	1.1	500	-65~+175	0.5	LL-35		
ZMM5225B	3.0	20.0	29.0	1600	0.25	50	1	152	1.1	500	-65~+175	0.5	LL-35		
ZMM5226B	3.3	20.0	28.0	1600	0.25	25	1	138	1.1	500	-65~+175	0.5	LL-35		
ZMM5227B	3.6	20.0	24.0	1700	0.25	15	1	126	1.1	500	-65~+175	0.5	LL-35		
ZMM5228B	3.9	20.0	23.0	1900	0.25	10	1	115	1.1	500	-65~+175	0.5	LL-35		
ZMM5229B	4.3	20.0	22.0	2000	0.25	5	1	106	1.1	500	-65~+175	0.5	LL-35		
ZMM5230B	4.7	20.0	19.0	1900	0.25	5	2	97	1.1	500	-65~+175	0.5	LL-35		
ZMM5231B	5.1	20.0	17.0	1600	0.25	5	2	89	1.1	500	-65~+175	0.5	LL-35		
ZMM5232B	5.6	20.0	11.0	1600	0.25	5	3	81	1.1	500	-65~+175	0.5	LL-35		
ZMM5233B	6.0	20.0	7.0	1600	0.25	5	3.5	76	1.1	500	-65~+175	0.5	LL-35		
ZMM5234B	6.2	20.0	7.0	1000	0.25	5	4	73	1.1	500	-65~+175	0.5	LL-35		
ZMM5235B	6.8	20.0	5.0	750	0.25	3	5	67	1.1	500	-65~+175	0.5	LL-35		
ZMM5236B	7.5	20.0	6.0	500	0.25	3	6	61	1.1	500	-65~+175	0.5	LL-35		
ZMM5237B	8.2	20.0	8.0	500	0.25	3	6.5	55	1.1	500	-65~+175	0.5	LL-35		
ZMM5238B	8.7	20.0	8.0	600	0.25	3	6.5	52	1.1	500	-65~+175	0.5	LL-35		
ZMM5239B	9.1	20.0	10.0	600	0.25	3	7	50	1.1	500	-65~+175	0.5	LL-35		
ZMM5240B	10.0	20.0	17.0	600	0.25	3	8	45	1.1	500	-65~+175	0.5	LL-35		
ZMM5241B	11.0	20.0	22.0	600	0.25	2	8.4	41	1.1	500	-65~+175	0.5	LL-35		
ZMM5242B	12.0	20.0	30.0	600	0.25	1	9.1	38	1.1	500	-65~+175	0.5	LL-35		
ZMM5243B	13.0	9.5	13.0	600	0.25	0.5	9.9	35	1.1	500	-65~+175	0.5	LL-35		
ZMM5244B	14.0	9.0	15.0	600	0.25	0.1	10	32	1.1	500	-65~+175	0.5	LL-35		
ZMM5245B	15.0	8.5	16.0	600	0.25	0.1	11	30	1.1	500	-65~+175	0.5	LL-35		
ZMM5246B	16.0	7.8	17.0	600	0.25	0.1	12	28	1.1	500	-65~+175	0.5	LL-35		
ZMM5247B	17.0	7.4	19.0	600	0.25	0.1	13	27	1.1	500	-65~+175	0.5	LL-35		
ZMM5248B	18.0	7.0	21.0	600	0.25	0.1	14	25	1.1	500	-65~+175	0.5	LL-35		
ZMM5249B	19.0	6.6	23.0	600	0.25	0.1	14	24	1.1	500	-65~+175	0.5	LL-35		
ZMM5250B	20.0	6.2	25.0	600	0.25	0.1	15	23	1.1	500	-65~+175	0.5	LL-35		
ZMM5251B	22.0	5.6	29.0	600	0.25	0.1	17	21	1.1	500	-65~+175	0.5	LL-35		
ZMM5252B	24.0	5.2	33.0	600	0.25	0.1	18	19.1	1.1	500	-65~+175	0.5	LL-35		
ZMM5253B	25.0	5.0	35.0	600	0.25	0.1	19	18.2	1.1	500	-65~+175	0.5	LL-35		
ZMM5254B	27.0	4.6	41.0	600	0.25	0.1	21	16.8	1.1	500	-65~+175	0.5	LL-35		
ZMM5255B	28.0	4.5	44.0	600	0.25	0.1	21	16.2	1.1	500	-65~+175	0.5	LL-35		
ZMM5256B	30.0	4.2	49.0	600	0.25	0.1	23	15.1	1.1	500	-65~+175	0.5	LL-35		
ZMM5257B	33.0	3.8	58.0	700	0.25	0.1	25	13.8	1.1	500	-65~+175	0.5	LL-35		
ZMM5258B	36.0	3.4	70.0	700	0.25	0.1	27	12.6	1.1	500	-65~+175	0.5	LL-35		
ZMM5259B	39.0	3.2	80.0	800	0.25	0.1	30	11.6	1.1	500	-65~+175	0.5	LL-35		
ZMM5260B	43.0	3.0	93.0	900	0.25	0.1	33	10.6	1.1	500	-65~+175	0.5	LL-35		
ZMM5261B	47.0	2.7	105.0	1000	0.25	0.1	36	9.7	1.1	500	-65~+175	0.5	LL-35		
ZMM5262B	51.0	2.5	125.0	1100	0.25	0.1	39	8.9	1.1	500	-65~+175	0.5	LL-35		

Note Note:

1. Standard Zener voltage tolerance is ±5% with a "B" suffix, and ±10% with a "A" suffix.



LL-35

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大正向电压 Maximum VF @IF=200mA	典型热阻 Typical Thermal Resistance	工作温度范围 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package
	VZ@IZT	IzT	ZZT@IZT	ZZK@IZK	IzK	IR@VR	Pd					
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(V)					
SMA4728A	3.3	76	<10.0	<400	1.0	<100	1.0	1.2	120	-65~+150	1.0	SMA
SMA4729A	3.6	69	<10.0	<400	1.0	<100	1.0	1.2	120	-65~+150	1.0	SMA
SMA4730A	3.9	64	<9.0	<400	1.0	<50	1.0	1.2	120	-65~+150	1.0	SMA
SMA4731A	4.3	58	<9.0	<400	1.0	<10	1.0	1.2	120	-65~+150	1.0	SMA
SMA4732A	4.7	53	<8.0	<400	1.0	<10	1.0	1.2	120	-65~+150	1.0	SMA
SMA4733A	5.1	49	<7.0	<500	1.0	<10	1.0	1.2	120	-65~+150	1.0	SMA
SMA4734A	5.6	45	<5.0	<550	1.0	<10	2.0	1.2	120	-65~+150	1.0	SMA
SMA4735A	6.2	41	<2.0	<600	1.0	<10	3.0	1.2	120	-65~+150	1.0	SMA
SMA4736A	6.8	37	<3.5	<700	1.0	<10	4.0	1.2	120	-65~+150	1.0	SMA
SMA4737A	7.5	34	<4.0	<700	0.5	<10	5.0	1.2	120	-65~+150	1.0	SMA
SMA4738A	8.2	31	<4.5	<700	0.5	<10	6.0	1.2	120	-65~+150	1.0	SMA
SMA4739A	9.1	28	<5.0	<700	0.5	<10	7.0	1.2	120	-65~+150	1.0	SMA
SMA4740A	10.0	25	<7.0	<700	0.25	<10	7.6	1.2	120	-65~+150	1.0	SMA
SMA4741A	11.0	23	<8.0	<700	0.25	<5	8.4	1.2	120	-65~+150	1.0	SMA
SMA4742A	12.0	21	<9.0	<700	0.25	<5	9.1	1.2	120	-65~+150	1.0	SMA
SMA4743A	13.0	19	<10.0	<700	0.25	<5	9.9	1.2	120	-65~+150	1.0	SMA
SMA4744A	15.0	17	<14.0	<700	0.25	<5	11.4	1.2	120	-65~+150	1.0	SMA
SMA4745A	16.0	15.5	<16.0	<700	0.25	<5	12.2	1.2	120	-65~+150	1.0	SMA
SMA4746A	18.0	14	<20.0	<750	0.25	<5	13.7	1.2	120	-65~+150	1.0	SMA
SMA4747A	20.0	12.5	<22.0	<750	0.25	<5	15.2	1.2	120	-65~+150	1.0	SMA
SMA4748A	22.0	11.5	<23.0	<750	0.25	<5	16.7	1.2	120	-65~+150	1.0	SMA
SMA4749A	24.0	10.5	<25.0	<750	0.25	<5	18.2	1.2	120	-65~+150	1.0	SMA
SMA4750A	27.0	9.5	<35.0	<750	0.25	<5	20.6	1.2	120	-65~+150	1.0	SMA
SMA4751A	30.0	8.5	<40.0	<1000	0.25	<5	22.8	1.2	120	-65~+150	1.0	SMA
SMA4752A	33.0	7.5	<45.0	<1000	0.25	<5	25.1	1.2	120	-65~+150	1.0	SMA
SMA4753A	36.0	7	<50.0	<1000	0.25	<5	27.4	1.2	120	-65~+150	1.0	SMA
SMA4754A	39.0	6.5	<60.0	<1000	0.25	<5	29.7	1.2	120	-65~+150	1.0	SMA
SMA4755A	43.0	6	<70.0	<1500	0.25	<5	32.7	1.2	120	-65~+150	1.0	SMA
SMA4756A	47.0	5.5	<80.0	<1500	0.25	<5	35.8	1.2	120	-65~+150	1.0	SMA
SMA4757A	51.0	5	<95.0	<1500	0.25	<5	38.8	1.2	120	-65~+150	1.0	SMA
SMA4758A	56.0	4.5	<110.0	<2000	0.25	<5	42.6	1.2	120	-65~+150	1.0	SMA
SMA4759A	62.0	4	<125.0	<2000	0.25	<5	47.1	1.2	120	-65~+150	1.0	SMA
SMA4760A	68.0	3.7	<150.0	<2000	0.25	<5	51.7	1.2	120	-65~+150	1.0	SMA
SMA4761A	75.0	3.3	<175.0	<2000	0.25	<5	56.0	1.2	120	-65~+150	1.0	SMA
SMA4762A	82.0	3	<200.0	<3000	0.25	<5	62.2	1.2	120	-65~+150	1.0	SMA
SMA4763A	91.0	2.8	<250.0	<3000	0.25	<5	69.2	1.2	120	-65~+150	1.0	SMA
SMA4764A	100.0	2.5	<350.0	<3000	0.25	<5	76.0	1.2	120	-65~+150	1.0	SMA



SMA

**稳压二极管**  
**ZENER DIODE**

型号 TYPE NO.	稳压电压 Nominal Zener Voltage		最大齐纳阻抗 Maximum Zener Impedance			最大反向漏电流 Maximum Reverse Leakage Current		最大齐纳电流 Maximum DC Zener Current	最大正向电压 Maximum VF @IF=100mA	典型热阻 Type Thermal Resistance	工作温度范围 Operating Temp. Range	功耗 DC power dissipation at TL=50°C	封装 Package
	VZ@IZT	IZT	ZZT@IZT	ZZK@IZK	IZK	IR@VR	IZM	(V)	RθJA	Tj	Pd		
	(V)	(mA)	(Ω)	(Ω)	(mA)	(μA)	(mA)	(V)	(°C/W)	(°C)	(W)		
SMA5920B	6.2	60.5	<2.0	<200	1.0	<5.0	4.0	241	1.5	28	-55~+150	1.5	SMA
SMA5921B	6.8	55.1	<2.5	<200	1.0	<5.0	5.2	220	1.5	28	-55~+150	1.5	SMA
SMA5922B	7.5	50	<3.0	<400	0.5	<5.0	6.0	200	1.5	28	-55~+150	1.5	SMA
SMA5923B	8.2	45.7	<3.5	<400	0.5	<5.0	6.5	182	1.5	28	-55~+150	1.5	SMA
SMA5924B	9.1	41.2	<4.0	<500	0.25	<5.0	7.0	164	1.5	28	-55~+150	1.5	SMA
SMA5925B	10.0	37.5	<4.5	<500	0.25	<5.0	8.0	150	1.5	28	-55~+150	1.5	SMA
SMA5926B	11.0	34.1	<5.5	<550	0.25	<5.0	8.4	136	1.5	28	-55~+150	1.5	SMA
SMA5927B	12.0	31.2	<6.5	<550	0.25	<1.0	9.1	125	1.5	28	-55~+150	1.5	SMA
SMA5928B	13.0	28.8	<7.0	<550	0.25	<1.0	9.9	115	1.5	28	-55~+150	1.5	SMA
SMA5929B	15.0	25.0	<9.0	<600	0.25	<1.0	11.4	100	1.5	28	-55~+150	1.5	SMA
SMA5930B	16.0	23.4	<10.0	<600	0.25	<1.0	12.2	93	1.5	28	-55~+150	1.5	SMA
SMA5931B	18.0	20.8	<12.0	<650	0.25	<1.0	13.7	83	1.5	28	-55~+150	1.5	SMA
SMA5932B	20.0	18.7	<14.0	<650	0.25	<1.0	15.2	75	1.5	28	-55~+150	1.5	SMA
SMA5933B	22.0	17.0	<18.0	<650	0.25	<1.0	16.7	68	1.5	28	-55~+150	1.5	SMA
SMA5934B	24.0	15.6	<19.0	<700	0.25	<1.0	18.2	62	1.5	28	-55~+150	1.5	SMA
SMA5935B	27.0	13.9	<23.0	<700	0.25	<1.0	20.6	55	1.5	28	-55~+150	1.5	SMA
SMA5936B	30.0	12.5	<26.0	<750	0.25	<1.0	22.8	50	1.5	28	-55~+150	1.5	SMA
SMA5937B	33.0	11.4	<33.0	<800	0.25	<1.0	25.1	45	1.5	28	-55~+150	1.5	SMA
SMA5938B	36.0	10.4	<38.0	<850	0.25	<1.0	27.4	41	1.5	28	-55~+150	1.5	SMA
SMA5939B	39.0	9.6	<45.0	<900	0.25	<1.0	29.7	38	1.5	28	-55~+150	1.5	SMA
SMA5940B	43.0	8.7	<53.0	<950	0.25	<1.0	32.7	34	1.5	28	-55~+150	1.5	SMA
SMA5941B	47.0	8.0	<67.0	<1000	0.25	<1.0	35.8	31	1.5	28	-55~+150	1.5	SMA
SMA5942B	51.0	7.3	<70.0	<1100	0.25	<1.0	38.8	29	1.5	28	-55~+150	1.5	SMA
SMA5943B	56.0	6.7	<86.0	<1300	0.25	<1.0	42.6	26	1.5	28	-55~+150	1.5	SMA
SMA5944B	62.0	6.0	<100.0	<1500	0.25	<1.0	47.1	24	1.5	28	-55~+150	1.5	SMA
SMA5945B	68.0	5.5	<120.0	<1700	0.25	<1.0	51.7	22	1.5	28	-55~+150	1.5	SMA
SMA5946B	75.0	5.0	<140.0	<2000	0.25	<1.0	56.0	20	1.5	28	-55~+150	1.5	SMA
SMA5947B	82.0	4.6	<160.0	<2500	0.25	<1.0	62.2	18	1.5	28	-55~+150	1.5	SMA
SMA5948B	90.0	4.1	<200.0	<3000	0.25	<1.0	69.2	16	1.5	28	-55~+150	1.5	SMA
SMA5949B	100.0	3.7	<250.0	<3100	0.25	<1.0	76.0	15	1.5	28	-55~+150	1.5	SMA
SMA5950B	110.0	3.4	<300.0	<4000	0.25	<1.0	83.6	13	1.5	28	-55~+150	1.5	SMA
SMA5951B	120.0	3.1	<380.0	<4500	0.25	<1.0	91.2	12	1.5	28	-55~+150	1.5	SMA
SMA5952B	130.0	2.9	<450.0	<5000	0.25	<1.0	98.8	11	1.5	28	-55~+150	1.5	SMA
SMA5953B	150.0	2.5	<600.0	<6000	0.25	<1.0	114.0	10	1.5	28	-55~+150	1.5	SMA
SMA5954B	160.0	2.3	<700.0	<6500	0.25	<1.0	121.6	9	1.5	28	-55~+150	1.5	SMA
SMA5955B	180.0	2.1	<900.0	<7000	0.25	<1.0	136.8	8	1.5	28	-55~+150	1.5	SMA
SMA5956B	200.0	1.9	<1200.0	<8000	0.25	<1.0	152.0	7	1.5	28	-55~+150	1.5	SMA



SMA

**小信号开关二极管**  
**SMALL SIGNAL SWITCHING DIODE**

型号 TYPE NO.	损耗功率 PD	平均电流 IF	不重复反向电压 VR	正向电压 VF		反向漏电流 IRM		反向恢复时间 trr	印字代码 Marking Code	封装 Package
				正向电压 VF	正向测试电流 IF	反向漏电流 IRM	反向测试电流 VR			
				V	mA	μA	V			
MMBD4148	350	150	75	1.25	150	2.5	75	4	KA2	SOT-23
BAV70	350	150	75	1	10	2.5	70	4	A4	SOT-23
BAV99	300	150	70	1.25	15	2.5	70	6	A7	SOT-23
BAS21	250	200	250	1.25	200	1	200	50	JS	SOT-23
BAW56	225	200	70	1.25	150	2.5	70	4	A1	SOT-23
1N4148W	500	150	100	1.0	10	5	75	4	T4	SOD-123
1N4448W	400	150	100	0.72	5	5	75	4	T5	SOD-123
BAV19W	400	200	120	1.0	100	0.1	100	50	A8	SOD-123
BAV20W	400	200	200	1.0	100	0.1	150	50	T2	SOD-123
BAV21W	400	200	250	1.0	100	0.1	200	50	T3	SOD-123
BAS16W	500	150	100	1.0	10	5	75	4	T4	SOD-123
1N4148WS	200	150	100	1.0	10	1	75	4	T4	SOD-323
1N4448WS	200	150	100	0.72	5	5	75	4	T5	SOD-323
1SS355	200	150	90	1.2	100	0.1	80	4	A	SOD-323
BAV19WS	250	200	120	1.0	100	0.1	100	50	A8	SOD-323
BAV20WS	250	200	200	1.0	100	0.1	150	50	T2	SOD-323
BAV21WS	250	200	250	1.0	100	0.1	200	50	T3	SOD-323
BAS16WS	200	150	100	1.0	10	1	75	4	T4	SOD-323
BAS316	200	150	100	1.0	10	1	75	4	A6	SOD-323
1N4148WT	200	150	100	1.0	10	5	75	4	T4	SOD-523
BAS16	200	150	100	0.715	1	1	75	4	A6	SOD-523



SOT-23



SOD-123



SOD-323



SOD-523

**小信号开关二极管**  
**SMALL SIGNAL SWITCHING DIODE**

型号 TYPE NO.	最大反向峰值电压 Max.Reverse Voltage	最大平均正向电流 Max.Aver.Rect. Current	最大正向浪涌电流 Peak Fwd.Surge Current	最大正向压降 Max.Fwd. Voltage @25°C TA	最大反向漏电流 Maximum Reverse Current@Rated VRM	热阻系数 Typical Thermal Resistance	结电容 Typical Junction Capacit.	工作结温 Operating Temp. Range	封装 Package
	VRM(V)	Io(mA)	Ifsm(A)	Io(mA) VF(V)	IR(μA) VR(V)	RθJA(°C/W)	Cj(PF)	Tj(°C)	
1N4148	100	150	2	200 1.0	5.0 75	350	4.0	-65~+175	DO-35
LL4148	100	150	2	50 1.0	5.0 75	300	4.0	-65~+175	LL-34



DO-35



LL-34

**小信号稳压二极管**
**SMALL SIGNAL ZENER DIODE**

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZT52B3V6	410	3.52	3.6	3.67	5	95	1	600	15	1	2W4	SOD-123
BZT52B3V9	410	3.82	3.9	3.98	5	95	1	600	10	1	2W5	SOD-123
BZT52B4V3	410	4.21	4.3	4.39	5	95	1	600	5	1	2W6	SOD-123
BZT52B4V7	410	4.61	4.7	4.79	5	78	1	500	5	2	2W7	SOD-123
BZT52B5V1	410	5	5.1	5.2	5	60	1	480	0.1	0.8	2W8	SOD-123
BZT52B5V6	410	5.49	5.6	5.71	5	40	1	400	0.1	1	2W9	SOD-123
BZT52B6V2	410	6.08	6.2	6.32	5	10	1	150	0.1	2	2WA	SOD-123
BZT52B6V8	410	6.66	6.8	6.94	5	8	1	80	0.1	3	2WB	SOD-123
BZT52B7V5	410	7.35	7.5	7.65	5	7	1	80	0.1	5	2WC	SOD-123
BZT52B8V2	410	8.04	8.2	8.36	5	7	1	80	0.1	6	2WD	SOD-123
BZT52B9V1	410	8.92	9.1	9.28	5	10	1	100	0.1	7	2WE	SOD-123
BZT52B10	410	9.8	10	10.2	5	15	1	150	0.1	7.5	2WF	SOD-123
BZT52B11	410	10.78	11	11.22	5	20	1	150	0.1	8.5	2WG	SOD-123
BZT52B12	410	11.76	12	12.24	5	20	1	150	0.1	9	2WH	SOD-123
BZT52B13	410	12.74	13	13.3	5	25	1	170	0.1	10	2WI	SOD-123
BZT52B15	410	14.7	15	15.3	5	30	1	200	0.1	11	2WJ	SOD-123
BZT52B16	410	15.68	16	16.3	5	40	1	200	0.1	12	2WK	SOD-123
BZT52B18	410	17.6	18	18.4	5	50	1	225	0.1	14	2WL	SOD-123
BZT52B20	410	19.6	20	20.4	5	55	1	225	1	15	2WO	SOD-123
BZT52B22	410	21.56	22	22.44	5	55	1	250	0.1	17	2WN	SOD-123
BZT52B24	410	23.52	24	24.5	5	70	1	250	0.1	18	2WO	SOD-123
BZT52B27	410	26.46	27	27.54	5	80	1	300	0.1	20	2WP	SOD-123
BZT52B30	410	29.4	30	30.6	5	80	1	300	0.1	22.5	2WQ	SOD-123
BZT52B33	410	32.34	33	33.7	5	80	1	325	0.1	25	2WR	SOD-123
BZT52B36	410	35.28	36	36.72	5	90	1	350	0.1	27	2WS	SOD-123
BZT52B39	410	38.22	39	39.8	5	90	1	350	0.1	29	2WT	SOD-123
BZT52B43	410	42.14	43	43.86	5	100	1	375	0.1	32	2WU	SOD-123
BZT52B47	410	46.06	47	47.94	5	110	1	375	0.1	35	2WV	SOD-123
BZT52C2V7	500	2.5	2.7	2.9	5	100	1	600	20	1	W1	SOD-123
BZT52C3V0	500	2.8	3	3.2	5	95	1	600	10	1	W2	SOD-123
BZT52C3V3	500	3.1	3.3	3.5	5	95	1	600	5	1	W3	SOD-123
BZT52C3V6	500	3.4	3.6	3.8	5	90	1	600	5	1	W4	SOD-123
BZT52C3V9	500	3.7	3.9	4.1	5	90	1	600	3	1	W5	SOD-123
BZT52C4V3	500	4	4.3	4.6	5	90	1	600	3	1	W6	SOD-123
BZT52C4V7	500	4.4	4.7	5	5	80	1	500	3	2	W7	SOD-123
BZT52C5V1	500	4.8	5.1	5.4	5	60	1	480	2	2	W8	SOD-123



SOD-123

**小信号稳压二极管**
**SMALL SIGNAL ZENER DIODE**

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZT52C5V6	500	5.2	5.6	6	5	40	1	400	1	2	W9	SOD-123
BZT52C6V2	500	5.2	6.2	6.6	5	10	1	150	3	4	WA	SOD-123
BZT52C6V8	500	6.4	6.8	7.2	5	15	1	80	2	4	WB	SOD-123
BZT52C7V5	500	7	7.5	7.9	5	15	1	80	1	5	WC	SOD-123
BZT52C8V2	500	7.7	8.2	8.7	5	15	1	80	0.7	5	WD	SOD-123
BZT52C9V1	500	8.5	9.1	9.6	5	15	1	100	0.5	6	WE	SOD-123
BZT52C10	500	9.4	10	10.6	5	20	1	150	0.2	7	WF	SOD-123
BZT52C11	500	10.4	11	11.6	5	20	1	150	0.1	11	WG	SOD-123
BZT52C12	500	11.4	12	12.7	5	25	1	150	0.1	11	WH	SOD-123
BZT52C13	500	12.4	13	14.1	5	30	1	170	0.1	11	WI	SOD-123
BZT52C15	500	13.8	15	15.6	5	30	1	200	0.1	11	WJ	SOD-123
BZT52C16	500	15.3	16	17.1	5	40	1	200	0.1	12	WK	SOD-123
BZT52C18	500	16.8	18	19.1	5	45	1	225	0.1	14	WL	SOD-123
BZT52C20	500	18.8	20	21.2	5	55	1	225	0.1	15	WM	SOD-123
BZT52C22	500	20.8	22	23.3	5	55	1	250	0.1	17	WN	SOD-123
BZT52C24	500	22.8	24	25.6	5	70	1	250	0.1	18	WO	SOD-123
BZT52C27	500	25.1	27	28.9	2	80	0.5	300	0.1	20	WP	SOD-123
BZT52C30	500	28	30	32	2	80	0.5	300	0.1	22	WQ	SOD-123
BZT52C33	500	31	33	35	2	80	0.5	325	0.1	24	WR	SOD-123
BZT52C36	500	34	36	38	2	90	0.5	350	0.1	27	WS	SOD-123
BZT52C39	500	37	39	41	2	130	0.5	350	0.1	29	WT	SOD-123
BZT52C43	500	40	43	46	5	100	1	750	0.1	35	WU	SOD-123
BZT52C47	500	44	47	50	5	100	1	750	0.1	38	WV	SOD-123
BZT52B3V6S	200	3.52	3.6	3.67	5	95	1	600	15	1	2W4	SOD-323
BZT52B3V9S	200	3.82	3.9	3.98	5	95	1	600	10	1	2W5	SOD-323
BZT52B4V3S	200	4.21	4.3	4.39	5	95	1	600	5	1	2W6	SOD-323
BZT52B4V7S	200	4.61	4.7	4.79	5	78	1	500	5	2	2W7	SOD-323
BZT52B5V1S	200	5	5.1	5.2	5	60	1	480	0.1	0.8	2W8	SOD-323
BZT52B5V6S	200	5.49	5.6	5.71	5	40	1	400	0.1	1	2W9	SOD-323
BZT52B6V2S	200	6.08	6.2	6.32	5	10	1	150	0.1	2	2WA	SOD-323
BZT52B6V8S	200	6.66	6.8	6.94	5	8	1	80	0.1	3	2WB	SOD-323
BZT52B7V5S	200	7.35	7.5	7.65	5	7	1	80	0.1	5	2WC	SOD-323
BZT52B8V2S	200	8.04	8.2	8.36	5	7	1	80	0.1	6	2WD	SOD-323
BZT52B9V1S	200	8.92	9.1	9.28	5	10	1	100	0.1	7	2WE	SOD-323
BZT52B10S	200	9.8	10	10.2	5	15	1	150	0.1	7.5	WG	SOD-323
BZT52B11S	200	10.78	11	11.22	5	20	1	150	0.1	8.5	2WG	SOD-323



SOD-123



SOD-323

SMALL SIGNAL DIODE

SMALL SIGNAL DIODE

**小信号稳压二极管**
**SMALL SIGNAL ZENER DIODE**

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZT52B12S	200	11.76	12	12.24	5	20	1	150	0.1	9	WI	SOD-323
BZT52B13S	200	12.74	13	13.3	5	25	1	170	0.1	10	2WI	SOD-323
BZT52B15S	200	14.7	15	15.3	5	30	1	200	0.1	11	WL	SOD-323
BZT52B16S	200	15.68	16	16.3	5	40	1	200	0.1	12	WM	SOD-323
BZT52B18S	200	17.6	18	18.4	5	50	1	225	0.1	14	WN	SOD-323
BZT52B20S	200	19.6	20	20.4	5	55	1	225	1	15	2WM	SOD-323
BZT52B22S	200	21.56	22	22.44	5	55	1	250	0.1	17	2WN	SOD-323
BZT52B24S	200	23.52	24	24.5	5	70	1	250	0.1	18	2WO	SOD-323
BZT52B27S	200	26.46	27	27.54	5	80	1	300	0.1	20	2WP	SOD-323
BZT52B30S	200	29.4	30	30.6	5	80	1	300	0.1	22.5	2WQ	SOD-323
BZT52B33S	200	32.34	33	33.7	5	80	1	325	0.1	25	2WR	SOD-323
BZT52B36S	200	35.28	36	36.72	5	90	1	350	0.1	27	2WS	SOD-323
BZT52B39S	200	38.22	39	39.8	5	90	1	350	0.1	29	2WT	SOD-323
BZT52B43S	200	42.14	43	43.86	5	100	1	375	0.1	32	2WU	SOD-323
BZT52B47S	200	46.06	47	47.94	5	110	1	375	0.1	35	2WV	SOD-323
BZT52C2V7S	200	2.5	2.7	2.9	5	100	1	600	20	1	W1	SOD-323
BZT52C3V0S	200	2.8	3	3.2	5	95	1	600	10	1	W2	SOD-323
BZT52C3V3S	200	3.1	3.3	3.5	5	95	1	600	5	1	W3	SOD-323
BZT52C3V6S	200	3.4	3.6	3.8	5	90	1	600	5	1	W4	SOD-323
BZT52C3V9S	200	3.7	3.9	4.1	5	90	1	600	3	1	W5	SOD-323
BZT52C4V3S	200	4	4.3	4.6	5	90	1	600	3	1	W6	SOD-323
BZT52C4V7S	200	4.4	4.7	5	5	80	1	500	3	2	W7	SOD-323
BZT52C5V1S	200	4.8	5.1	5.4	5	60	1	480	2	2	W8	SOD-323
BZT52C5V6S	200	5.2	5.6	6	5	40	1	400	1	2	W9	SOD-323
BZT52C6V2S	200	5.2	6.2	6.6	5	10	1	150	3	4	WA	SOD-323
BZT52C6V8S	200	6.4	6.8	7.2	5	15	1	80	2	4	WB	SOD-323
BZT52C7V5S	200	7	7.5	7.9	5	15	1	80	1	5	WC	SOD-323
BZT52C8V2S	200	7.7	8.2	8.7	5	15	1	80	0.7	5	WD	SOD-323
BZT52C9V1S	200	8.5	9.1	9.6	5	15	1	100	0.5	6	WE	SOD-323
BZT52C10S	200	9.4	10	10.6	5	20	1	150	0.2	7	WF	SOD-323
BZT52C11S	200	10.4	11	11.6	5	20	1	150	0.1	8	WG	SOD-323
BZT52C12S	200	11.4	12	12.7	5	25	1	150	0.1	8	WH	SOD-323
BZT52C13S	200	12.4	13	14.1	5	30	1	170	0.1	8	WI	SOD-323
BZT52C15S	200	13.8	15	15.6	5	30	1	200	0.1	10.5	WJ	SOD-323
BZT52C16S	200	15.3	16	17.1	5	40	1	200	0.1	11.2	WK	SOD-323
BZT52C18S	200	16.8	18	19.1	5	45	1	225	0.1	12.6	WL	SOD-323



SOD-123

**小信号稳压二极管**
**SMALL SIGNAL ZENER DIODE**

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZT52C20S	200	18.8	20	21.2	5	55	1	225	1	14	WM	SOD-323
BZT52C22S	200	20.8	22	23.3	5	55	1	250	0.1	15.4	WN	SOD-323
BZT52C24S	200	22.8	24	25.6	5	70	1	250	0.1	16.8	WO	SOD-323
BZT52C27S	200	25.1	27	28.9	2	80	0.5	300	0.1	18.9	WP	SOD-323
BZT52C30S	200	28	30	32	2	80	0.5	300	0.1	21	WQ	SOD-323
BZT52C33S	200	31	33	35	2	80	0.5	325	0.1	23.1	WR	SOD-323
BZT52C36S	200	34	36	38	2	90	0.5	350	0.1	25.2	WS	SOD-323
BZT52C39S	200	37	39	41	2	130	0.5	350	0.1	27.3	WT	SOD-323
BZX584B2V4	200	2.35	2.4	2.45	5	100	1	564	45.0	1	50	SOD-523
BZX584B2V7	200	2.65	2.7	2.75	5	100	1	564	18.0	1	51	SOD-523
BZX584B3V0	200	2.94	3	3.06	5	100	1	564	9.0	1	52	SOD-523
BZX584B3V3	200	3.23	3.3	3.37	5	95	1	564	4.5	1	53	SOD-523
BZX584B3V6	200	3.53	3.6	3.67	5	90	1	564	4.5	1	54	SOD-523
BZX584B3V9	200	3.82	3.9	3.98	5	90	1	564	2.7	1	55	SOD-523
BZX584B4V3	200	4.21	4.3	4.39	5	90	1	564	2.7	1	56	SOD-523
BZX584B4V7	200	4.61	4.7	4.79	5	80	1	470	2.7	2	57	SOD-523
BZX584B5V1	200	5.00	5.1	5.20	5	60	1	451	1.8	2	58	SOD-523
BZX584B5V6	200	5.49	5.6	5.71	5	40	1	376	0.9	2	59	SOD-523
BZX584B6V2	200	6.08	6.2	6.32	5	10	1	141	2.7	4	5A	SOD-523
BZX584B6V8	200	6.66	6.8	6.94	5	15	1	75	1.8	4	5B	SOD-523
BZX584B7V5	200	7.35	7.5	7.65	5	15	1	75	0.9	5	5C	SOD-523
BZX584B8V2	200	8.04	8.2	8.36	5	15	1	75	0.63	5	5D	SOD-523
BZX584B9V1	200	8.92	9.1	9.28	5	15	1	94	0.45	7	5E	SOD-523
BZX584B10V	200	9.80	10	10.2	5	20	1	141	0.18	8	5F	SOD-523
BZX584B11V	200	10.78	11	11.22	5	20	1	141	0.09	8	5G	SOD-523
BZX584B12V	200	11.76	12	12.24	5	25	1	141	0.09	8	5H	SOD-523
BZX584B13V	200	12.74	13	13.26	5	30	1	160	0.09	8	5J	SOD-523
BZX584B15V	200	14.70	15	15.3	5	30	1	188	0.045	10.5	5K	SOD-523
BZX584B16V	200	15.68	16	16.32	5	40	1	188	0.045	11.2	5L	SOD-523
BZX584B18V	200	17.64	18	18.36	5	45	1	212	0.045	12.6	5M	SOD-523
BZX584B20V	200	19.60	20	20.4	5	55	1	212	0.045	14	5N	SOD-523
BZX584B22V	200	21.56	22	22.44	5	55	1	235	0.045	15.4	5P	SOD-523
BZX584B24V	200	23.52	24	24.48	5	70	1	235	0.045	16.8	5R	SOD-523
BZX584B27V	200	26.46	27	27.54	2	80	0.5	282	0.045	18.9	5S	SOD-523
BZX584B30V	200	29.40	30	30.6	2	80	0.5	282	0.045	21	5T	SOD-523
BZX584B33V	200	32.34	33	33.66	2	80	0.5	306	0.045	23.2	5U	SOD-523



SOD-323



SOD-523

小信号稳压二极管

SMALL SIGNAL ZENER DIODE

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZX584B36V	200	35.28	36	36.72	2	90	0.5	329	0.045	25.2	5V	SOD-523
BZX584B39V	200	38.22	39	39.78	2	130	0.5	329	0.045	27.3	5X	SOD-523
BZX584B43V	200	42.14	43	43.86	2	150	0.5	353	0.045	30.1	5Y	SOD-523
BZX584B47V	200	46.06	47	47.94	2	170	0.5	353	0.045	32.9	5Z	SOD-523
BZX584B51V	200	49.98	51	52.02	2	180	0.5	376	0.045	35.7	5-	SOD-523
BZX584B56V	200	54.88	56	57.12	2	200	0.5	400	0.045	39.2	5=	SOD-523
BZX584B62V	200	60.76	62	63.24	2	215	0.5	423	0.045	43.4	5≡	SOD-523
BZX584B68V	200	66.64	68	69.36	2	240	0.5	447	0.045	47.6	5>	SOD-523
BZX584B75V	200	73.5	75	76.5	2	255	0.5	470	0.045	52.5	5<	SOD-523
BZX584C2V4	200	2.2	2.4	2.6	5	100	1	1000	50.0	1	50	SOD-523
BZX584C2V7	200	2.5	2.7	2.9	5	100	1	1000	20.0	1	51	SOD-523
BZX584C3V0	200	2.8	3	3.2	5	100	1	1000	10.0	1	52	SOD-523
BZX584C3V3	200	3.1	3.3	3.5	5	95	1	1000	5.0	1	53	SOD-523
BZX584C3V6	200	3.4	3.6	3.8	5	90	1	1000	5.0	1	54	SOD-523
BZX584C3V9	200	3.7	3.9	4.1	5	90	1	1000	3.0	1	55	SOD-523
BZX584C4V3	200	4.0	4.3	4.6	5	90	1	1000	3.0	1	56	SOD-523
BZX584C4V7	200	4.4	4.7	5	5	80	1	800	3.0	2	57	SOD-523
BZX584C5V1	200	4.8	5.1	5.4	5	60	1	500	2.0	2	58	SOD-523
BZX584C5V6	200	5.2	5.6	6	5	40	1	200	1.0	2	59	SOD-523
BZX584C6V2	200	5.8	6.2	6.6	5	10	1	100	3.0	4	5A	SOD-523
BZX584C6V8	200	6.4	6.8	7.2	5	15	1	160	2.0	4	5B	SOD-523
BZX584C7V5	200	7.0	7.5	7.9	5	15	1	160	1.0	5	5C	SOD-523
BZX584C8V2	200	7.7	8.2	8.7	5	15	1	160	0.7	5	5D	SOD-523
BZX584C9V1	200	8.5	9.1	9.6	5	15	1	160	0.2	7	5E	SOD-523
BZX584C10V	200	9.4	10	10.6	5	20	1	160	0.1	8	5F	SOD-523
BZX584C11V	200	10.4	11	11.6	5	20	1	160	0.1	8	5G	SOD-523
BZX584C12V	200	11.4	12	12.7	5	25	1	80	0.1	8	5H	SOD-523
BZX584C13V	200	12.4	13	14.1	5	30	1	80	0.1	8	5J	SOD-523
BZX584C15V	200	14.3	15	15.8	5	30	1	80	0.05	10.5	5K	SOD-523
BZX584C16V	200	15.3	16	17.1	5	40	1	80	0.05	11.2	5L	SOD-523
BZX584C18V	200	16.8	18	19.1	5	45	1	80	0.05	12.6	5M	SOD-523
BZX584C20V	200	18.8	20	21.2	5	55	1	100	0.05	14	5N	SOD-523
BZX584C22V	200	20.8	22	23.3	5	55	1	100	0.05	15.4	5P	SOD-523
BZX584C24V	200	22.8	24	25.6	5	70	1	120	0.05	16.8	5R	SOD-523
BZX584C27V	200	25.1	27	28.9	2	80	0.5	300	0.05	18.9	5S	SOD-523
BZX584C30V	200	28.0	30	32	2	80	0.5	300	0.05	21	5T	SOD-523



SOD-523

小信号稳压二极管

SMALL SIGNAL ZENER DIODE

型号 TYPE NO.	损耗功率 PD (mW)	稳压值Vz@Izt			测试电流 Izt (mA)	动态电阻 Zzt@Izt (Ω)	测试电流 Izt (mA)	动态电阻 Zzk@Izk (Ω)	反向漏电流 IR@VR (uA)	反向测试 电压VR (V)	印字代码 Marking Code	封装 Package
		Min	Nom	Max								
		(V)	(V)	(V)								
BZX584C33V	200	31.0	33	35	2	80	0.5	300	0.05	23.2	5U	SOD-523
BZX584C36V	200	34.0	36	38	2	90	0.5	500	0.05	25.2	5V	SOD-523
BZX584C39V	200	37.0	39	41	2	130	0.5	500	0.05	27.3	5X	SOD-523
BZX584C43V	200	40.0	43	46	2	150	0.5	500	0.05	30.1	5Y	SOD-523
BZX584C47V	200	44.0	47	50	2	170	0.5	500	0.05	32.9	5Z	SOD-523
BZX584C51V	200	48.0	51	54	2	180	0.5	500	0.05	35.7	5-	SOD-523
BZX584C56V	200	52.0	56	60	2	200	0.5	500	0.05	39.2	5=	SOD-523
BZX584C62V	200	58.0	62	66	2	215	0.5	500	0.05	43.4	5≡	SOD-523
BZX584C68V	200	64.0	68	72	2	240	0.5	500	0.05	47.6	5>	SOD-523
BZX584C75V	200	70.0	75	79	2	255	0.5	500	0.05	52.5	5<	SOD-523



SOD-523

小信号肖特基二极管

SMALL SIGNAL SCHOTTKY DIODE

型号 TYPE NO.	不重复反向电压VRRM	平均电流IF	浪涌电流IFSM	正向电压VF	正向电流@IF	反向漏电流IR	反向电压IR@VR	反向恢复时间Trr	印字代码 Marking Code	封装 Package
	(V)	(A)	(A)	(V)	(mA)	( $\mu$ A)	(V)	(ns)		
BAT54	30.0	0.2	0.6	0.8	100	2	25	5	KL1	SOT-23
BAT54A	30.0	0.2	0.6	0.8	100	2	25	5	KL2	SOT-23
BAT54C	30.0	0.2	0.6	0.8	100	2	25	5	KL3	SOT-23
BAT54S	30.0	0.2	0.6	0.8	100	2	25	5	KL4	SOT-23
BAT42W	30.0	0.2	4	0.4	10	0.5	25	5	S7/L2	SOD-123
BAT43W	30.0	0.2	4	0.4	10	0.5	25	5	S8/L3	SOD-123
BAT54W	30.0	0.2	4	0.4	10	2	25	5	L9	SOD-123
SD103AW	40.0	0.35	2	0.6	200	5	30	-	S4	SOD-123
SD103BW	30.0	0.35	2	0.6	200	5	20	-	S5	SOD-123
SD103CW	20.0	0.35	2	0.6	200	5	10	-	S6	SOD-123
B5817W	20	1	10	0.45	1000	1000	20	-	SJ	SOD-123
B5818W	30	1	10	0.55	1000	1000	30	-	SK	SOD-123
B5819W	40.0	1.0	25	0.6	1000	1000	40	-	SL	SOD-123
B5817WS	20	1	10	0.45	1000	1000	20	-	SJ	SOD-323
B5818WS	30	1	10	0.55	1000	1000	30	-	SK	SOD-323
B5819WS	40	1	10	0.6	1000	1000	40	-	SL	SOD-323
BAT54WS	200	0.2	0.6	1	100	10	30	5	L9	SOD-323
BAT54M3	30.0	0.2	0.6	0.24	0.1	2	25	-	L1	SOD-323
RB551V-30	30	0.5	2	0.47	500	100	20	-	D	SOD-323
RB520S-30	30.0	0.2	1	0.6	200	1	10	-	B	SOD-523
RB521S-30	30.0	0.2	1	0.5	200	30	10	-	C	SOD-523
RB520S-40	40.0	0.2	-	0.6	200	1	10	-	D1	SOD-523



SOT-23



SOD-123



SOD-323



SOD-523

小信号三极管

SMALL SIGNAL TRANSISTOR

型号 TYPE NO.	极性 POLARITY	集电极耗散功率P <sub>CM</sub>	集电极电流I <sub>C</sub>	集电极基极击穿电压BV <sub>CB0</sub>	集电极发射极击穿电压BV <sub>CEO</sub>	发射极基极击穿电压BV <sub>EB0</sub>	放大倍数h <sub>FE</sub>				集电极发射极饱和电压V <sub>CE(sat)</sub>			频率f <sub>T</sub> MHz	印字代码 Marking Code	封装 Package	
		mW	mA	V	V	V	MIN	MAX	V <sub>CE</sub>	I <sub>C</sub>	I <sub>B</sub>	V	mA				mA
							V	mA	mA								
S9012	PNP	300	-500	-40	-25	-5	120	400	-1	-50	-0.6	-500	-50	150	2T1	SOT-23	
S9013	NPN	300	500	40	25	5	120	400	1	50	0.6	500	50	150	J3	SOT-23	
S9014	NPN	200	100	50	45	5	200	1000	5	1	0.3	100	5	150	J6	SOT-23	
S9015	PNP	200	-100	-50	-45	-5	200	1000	-5	-1	-0.3	-100	-10	150	M6	SOT-23	
S8050	NPN	300	500	40	25	5	120	350	1	50	0.6	500	50	150	J3Y	SOT-23	
S8550	PNP	300	-500	-40	-25	-5	120	350	-1	-50	-0.6	-500	-50	150	2TY	SOT-23	
SS8050	NPN	300	1500	40	25	6	120	400	1	100	0.5	800	80	100	Y1	SOT-23	
SS8550	PNP	300	-1500	-40	-25	-5	120	400	-1	-100	-0.5	-800	-80	100	Y2	SOT-23	
MMBT2222A	NPN	300	600	75	40	6	100	300	10	15	0.6	500	50	300	1P	SOT-23	
MMBT2907A	PNP	350	-600	-60	-60	-5	100	300	-10	-150	-0.4	-150	-15	200	2F	SOT-23	
MMBT3904	NPN	250	100	60	40	6	100	300	1	10	0.3	50	5	300	1AMY	SOT-23	
MMBT3906	PNP	500	-200	-40	-40	-5	100	300	-1	-10	-0.4	-50	-5	250	2AY	SOT-23	
MMBT5401	PNP	300	-600	-160	-150	-5	60	240	-5	-10	-0.5	-50	-5	100	2L	SOT-23	
MMBT5551	NPN	300	600	180	160	6	80	250	5	10	0.2	50	5	100	G1	SOT-23	
MMBT4401	NPN	350	600	60	40	6	100	300	1	150	0.4	150	15	250	2X	SOT-23	
MMBT4403	PNP	350	-600	-40	-40	-5	100	300	-2	-150	-0.4	-150	-15	200	2T	SOT-23	
BC807-16	PNP	300	-500	-50	-45	-5	100	250	-1	-100	-0.7	-500	-50	100	5A	SOT-23	
BC807-25	PNP	300	-500	-50	-45	-5	160	400	-1	-100	-0.7	-500	-50	100	5B	SOT-23	
BC807-40	PNP	300	-500	-50	-45	-5	250	600	-1	-100	-0.7	-500	-50	100	5C	SOT-23	
BC817-16	NPN	300	500	50	45	5	100	250	1	100	0.7	500	50	100	6A	SOT-23	
BC817-25	NPN	300	500	50	45	5	160	400	1	100	0.7	500	50	100	6B	SOT-23	
BC817-40	NPN	300	500	50	45	5	250	600	1	100	0.7	500	50	100	6C	SOT-23	



SOT-23

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rth-jc (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD36C08D1	800	36	104	650	5	1.40	100	0.5	D1	
MD36C12D1	1200	36	104	650	5	1.40	100	0.5	D1	
MD36C16D1	1600	36	104	650	5	1.40	100	0.5	D1	
MD36C18D1	1800	36	104	650	5	1.40	100	0.5	D1	
MD36A08D1	800	36	104	650	5	1.40	100	0.5	D1	
MD36A12D1	1200	36	104	650	5	1.40	100	0.5	D1	
MD36A16D1	1600	36	104	650	5	1.40	100	0.5	D1	
MD36A18D1	1800	36	104	650	5	1.40	100	0.5	D1	
MD36K08D1	800	36	104	650	5	1.40	100	0.5	D1	
MD36K12D1	1200	36	104	650	5	1.40	100	0.5	D1	
MD36K16D1	1600	36	104	650	5	1.40	100	0.5	D1	
MD36K18D1	1800	36	104	650	5	1.40	100	0.5	D1	
MD60C08D1	800	60	100	1150	5	1.45	200	0.295	D1	
MD60C12D1	1200	60	100	1150	5	1.45	200	0.295	D1	
MD60C16D1	1600	60	100	1150	5	1.45	200	0.295	D1	
MD60C18D1	1800	60	100	1150	5	1.45	200	0.295	D1	
MD60A08D1	800	60	100	1150	5	1.45	200	0.295	D1	
MD60A12D1	1200	60	100	1150	5	1.45	200	0.295	D1	
MD60A16D1	1600	60	100	1150	5	1.45	200	0.295	D1	
MD60A18D1	1800	60	100	1150	5	1.45	200	0.295	D1	
MD60K08D1	800	60	100	1150	5	1.45	200	0.295	D1	
MD60K12D1	1200	60	100	1150	5	1.45	200	0.295	D1	
MD60K16D1	1600	60	100	1150	5	1.45	200	0.295	D1	
MD60K18D1	1800	60	100	1150	5	1.45	200	0.295	D1	
MD70C08D1	800	70	102	1400	5	1.30	200	0.255	D1	
MD70C12D1	1200	70	102	1400	5	1.30	200	0.255	D1	
MD70C16D1	1600	70	102	1400	5	1.30	200	0.255	D1	
MD70C18D1	1800	70	102	1400	5	1.30	200	0.255	D1	
MD70A08D1	800	70	102	1400	5	1.30	200	0.255	D1	
MD70A12D1	1200	70	102	1400	5	1.30	200	0.255	D1	
MD70A16D1	1600	70	102	1400	5	1.30	200	0.255	D1	
MD70A18D1	1800	70	102	1400	5	1.30	200	0.255	D1	
MD70K08D1	800	70	102	1400	5	1.30	200	0.255	D1	
MD70K12D1	1200	70	102	1400	5	1.30	200	0.255	D1	
MD70K16D1	1600	70	102	1400	5	1.30	200	0.255	D1	
MD70K18D1	1800	70	102	1400	5	1.30	200	0.255	D1	
MD100C08D1	800	100	109	2500	5	1.40	300	0.175	D1	
MD100C12D1	1200	100	109	2500	5	1.40	300	0.175	D1	
MD100C16D1	1600	100	109	2500	5	1.40	300	0.175	D1	
MD100C18D1	1800	100	109	2500	5	1.40	300	0.175	D1	



D1

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rth-jc (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD100A08D1	800	100	109	2500	5	1.40	300	0.175	D1	
MD100A12D1	1200	100	109	2500	5	1.40	300	0.175	D1	
MD100A16D1	1600	100	109	2500	5	1.40	300	0.175	D1	
MD100A18D1	1800	100	109	2500	5	1.40	300	0.175	D1	
MD100K08D1	800	100	109	2500	5	1.40	300	0.175	D1	
MD100K12D1	1200	100	109	2500	5	1.40	300	0.175	D1	
MD100K16D1	1600	100	109	2500	5	1.40	300	0.175	D1	
MD100K18D1	1800	100	109	2500	5	1.40	300	0.175	D1	
MD120C08D1	800	120	106	2800	6	1.35	300	0.13	D1	
MD120C12D1	1200	120	106	2800	6	1.35	300	0.13	D1	
MD120C16D1	1600	120	106	2800	6	1.35	300	0.13	D1	
MD120C18D1	1800	120	106	2800	6	1.35	300	0.13	D1	
MD120A08D1	800	120	106	2800	6	1.35	300	0.13	D1	
MD120A12D1	1200	120	106	2800	6	1.35	300	0.13	D1	
MD120A16D1	1600	120	106	2800	6	1.35	300	0.13	D1	
MD120A18D1	1800	120	106	2800	6	1.35	300	0.13	D1	
MD120K08D1	800	120	106	2800	6	1.35	300	0.13	D1	
MD120K12D1	1200	120	106	2800	6	1.35	300	0.13	D1	
MD120K16D1	1600	120	106	2800	6	1.35	300	0.13	D1	
MD120K18D1	1800	120	106	2800	6	1.35	300	0.13	D1	
MD55C08D1	800	55	100	1150	5	1.45	200	0.295	D1	
MD55C12D1	1200	55	100	1150	5	1.45	200	0.295	D1	
MD55C16D1	1600	55	100	1150	5	1.45	200	0.295	D1	
MD55C18D1	1800	55	100	1150	5	1.45	200	0.295	D1	
MD55A08D1	800	55	100	1150	5	1.45	200	0.295	D1	
MD55A12D1	1200	55	100	1150	5	1.45	200	0.295	D1	
MD55A16D1	1600	55	100	1150	5	1.45	200	0.295	D1	
MD55A18D1	1800	55	100	1150	5	1.45	200	0.295	D1	
MD55K08D1	800	55	100	1150	5	1.45	200	0.295	D1	
MD55K12D1	1200	55	100	1150	5	1.45	200	0.295	D1	
MD55K16D1	1600	55	100	1150	5	1.45	200	0.295	D1	
MD55K18D1	1800	55	100	1150	5	1.45	200	0.295	D1	
MD165C08D2	800	165	101	6000	9	1.40	300	0.105	D2	
MD165C12D2	1200	165	101	6000	9	1.40	300	0.105	D2	
MD165C16D2	1600	165	101	6000	9	1.40	300	0.105	D2	
MD165C18D2	1800	165	101	6000	9	1.40	300	0.105	D2	
MD165A08D2	800	165	101	6000	9	1.40	300	0.105	D2	
MD165A12D2	1200	165	101	6000	9	1.40	300	0.105	D2	
MD165A16D2	1600	165	101	6000	9	1.40	300	0.105	D2	
MD165A18D2	1800	165	101	6000	9	1.40	300	0.105	D2	



D1



D2

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复 峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rth-c (°C/W)	封装 Package	电路结构 Circuit structure	
		(A)	(°C)			(V)	(A)				
MD165K08D2	800	165	101	6000	9	1.40	300	0.105	D2		
MD165K12D2	1200	165	101	6000	9	1.40	300	0.105	D2		
MD165K16D2	1600	165	101	6000	9	1.40	300	0.105	D2		
MD165K18D2	1800	165	101	6000	9	1.40	300	0.105	D2		
MD200C08D2	800	200	95	6800	9	1.30	300	0.09	D2		
MD200C12D2	1200	200	95	6800	9	1.30	300	0.09	D2		
MD200C16D2	1600	200	95	6800	9	1.30	300	0.09	D2		
MD200C18D2	1800	200	95	6800	9	1.30	300	0.09	D2		
MD200A08D2	800	200	95	6800	9	1.30	300	0.09	D2		
MD200A12D2	1200	200	95	6800	9	1.30	300	0.09	D2		
MD200A16D2	1600	200	95	6800	9	1.30	300	0.09	D2		
MD200A18D2	1800	200	95	6800	9	1.30	300	0.09	D2		
MD200K08D2	800	200	95	6800	9	1.30	300	0.09	D2		
MD200K12D2	1200	200	95	6800	9	1.30	300	0.09	D2		
MD200K16D2	1600	200	95	6800	9	1.30	300	0.09	D2		
MD200K18D2	1800	200	95	6800	9	1.30	300	0.09	D2		
MD240C08D2	800	240	95	7550	9	1.25	300	0.08	D2		
MD240C12D2	1200	240	95	7550	9	1.25	300	0.08	D2		
MD240C16D2	1600	240	95	7550	9	1.25	300	0.08	D2		
MD240C18D2	1800	240	95	7550	9	1.25	300	0.08	D2		
MD240A08D2	800	240	95	7550	9	1.25	300	0.08	D2		
MD240A12D2	1200	240	95	7550	9	1.25	300	0.08	D2		
MD240A16D2	1600	240	95	7550	9	1.25	300	0.08	D2		
MD240A18D2	1800	240	95	7550	9	1.25	300	0.08	D2		
MD240K08D2	800	240	95	7550	9	1.25	300	0.08	D2		
MD240K12D2	1200	240	95	7550	9	1.25	300	0.08	D2		
MD240K16D2	1600	240	95	7550	9	1.25	300	0.08	D2		
MD240K18D2	1800	240	95	7550	9	1.25	300	0.08	D2		
MD165C20D2	2000	165	101	6000	9	1.4	300	0.105	D2		
MD165A20D2	2000	165	101	6000	9	1.4	300	0.105	D2		
MD165K20D2	2000	165	101	6000	9	1.4	300	0.105	D2		
MD165U08D2	800	165	101	6000	9	1.2	300	0.21	D2		
MD165U12D2	1200	165	101	6000	9	1.2	300	0.21	D2		
MD165U16D2	1600	165	101	6000	9	1.2	300	0.21	D2		
MD165U18D2	1800	165	101	6000	9	1.2	300	0.21	D2		
MD200U08D2	800	200	95	6800	9	1.3	300	0.18	D2		
MD200U12D2	1200	200	95	6800	9	1.3	300	0.18	D2		
MD200U16D2	1600	200	95	6800	9	1.3	300	0.18	D2		
MD200U18D2	1800	200	95	6800	9	1.3	300	0.18	D2		



D2

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复 峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rth-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD30DU08DA	800	30	104	650	5	1.25	100	0.5	DA	
MD30DU12DA	1200	30	104	650	5	1.25	100	0.5	DA	
MD30DU16DA	1600	30	104	650	5	1.25	100	0.5	DA	
MD30DU18DA	1800	30	104	650	5	1.25	100	0.5	DA	
MD60C08D1N	800	60	100	1150	5	1.45	200	0.15	D1N	
MD60C12D1N	1200	60	100	1150	5	1.45	200	0.15	D1N	
MD60C16D1N	1600	60	100	1150	5	1.45	200	0.15	D1N	
MD60C18D1N	1800	60	100	1150	5	1.45	200	0.15	D1N	
MD60A08D1N	800	60	100	1150	5	1.45	200	0.15	D1N	
MD60A12D1N	1200	60	100	1150	5	1.45	200	0.15	D1N	
MD60A16D1N	1600	60	100	1150	5	1.45	200	0.15	D1N	
MD60A18D1N	1800	60	100	1150	5	1.45	200	0.15	D1N	
MD60K08D1N	800	60	100	1150	5	1.45	200	0.15	D1N	
MD60K12D1N	1200	60	100	1150	5	1.45	200	0.15	D1N	
MD60K16D1N	1600	60	100	1150	5	1.45	200	0.15	D1N	
MD60K18D1N	1800	60	100	1150	5	1.45	200	0.15	D1N	
MD100C08D1N	800	100	106	2800	6	1.35	300	0.13	D1N	
MD100C12D1N	1200	100	106	2800	6	1.35	300	0.13	D1N	
MD100C16D1N	1600	100	106	2800	6	1.35	300	0.13	D1N	
MD100C18D1N	1800	100	106	2800	6	1.35	300	0.13	D1N	
MD100A08D1N	800	100	106	2800	6	1.35	300	0.13	D1N	
MD100A12D1N	1200	100	106	2800	6	1.35	300	0.13	D1N	
MD100A16D1N	1600	100	106	2800	6	1.35	300	0.13	D1N	
MD100A18D1N	1800	100	106	2800	6	1.35	300	0.13	D1N	
MD100K08D1N	800	100	106	2800	6	1.35	300	0.13	D1N	
MD100K12D1N	1200	100	106	2800	6	1.35	300	0.13	D1N	
MD100K16D1N	1600	100	106	2800	6	1.35	300	0.13	D1N	
MD100K18D1N	1800	100	106	2800	6	1.35	300	0.13	D1N	
MD120C08D1N	800	120	106	2800	6	1.35	300	0.13	D1N	
MD120C12D1N	1200	120	106	2800	6	1.35	300	0.13	D1N	
MD120C16D1N	1600	120	106	2800	6	1.35	300	0.13	D1N	
MD120C18D1N	1800	120	106	2800	6	1.35	300	0.13	D1N	
MD120A08D1N	800	120	106	2800	6	1.35	300	0.13	D1N	
MD120A12D1N	1200	120	106	2800	6	1.35	300	0.13	D1N	
MD120A16D1N	1600	120	106	2800	6	1.35	300	0.13	D1N	
MD120A18D1N	1800	120	106	2800	6	1.35	300	0.13	D1N	
MD120K08D1N	800	120	106	2800	6	1.35	300	0.13	D1N	
MD120K12D1N	1200	120	106	2800	6	1.35	300	0.13	D1N	
MD120K16D1N	1600	120	106	2800	6	1.35	300	0.13	D1N	
MD120K18D1N	1800	120	106	2800	6	1.35	300	0.13	D1N	



DA



D1N

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 2500V(交流)  
Viso:2500V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复 峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD260C08D3	800	260	85	11000	15	1.25	750	0.04	D3	
MD260C12D3	1200	260	85	11000	15	1.25	750	0.04	D3	
MD260C16D3	1600	260	85	11000	15	1.25	750	0.04	D3	
MD260C18D3	1800	260	85	11000	15	1.25	750	0.04	D3	
MD260A08D3	800	260	85	11000	15	1.25	750	0.04	D3	
MD260A12D3	1200	260	85	11000	15	1.25	750	0.04	D3	
MD260A16D3	1600	260	85	11000	15	1.25	750	0.04	D3	
MD260A18D3	1800	260	85	11000	15	1.25	750	0.04	D3	
MD260K08D3	800	260	85	11000	15	1.25	750	0.04	D3	
MD260K12D3	1200	260	85	11000	15	1.25	750	0.04	D3	
MD260K16D3	1600	260	85	11000	15	1.25	750	0.04	D3	
MD260K18D3	1800	260	85	11000	15	1.25	750	0.04	D3	
MD300C08D3	800	300	85	11000	15	1.80	900	0.04	D3	
MD300C12D3	1200	300	85	11000	15	1.80	900	0.04	D3	
MD300C16D3	1600	300	85	11000	15	1.80	900	0.04	D3	
MD300C18D3	1800	300	85	11000	15	1.80	900	0.04	D3	
MD300A08D3	800	300	85	11000	15	1.80	900	0.04	D3	
MD300A12D3	1200	300	85	11000	15	1.80	900	0.04	D3	
MD300A16D3	1600	300	85	11000	15	1.80	900	0.04	D3	
MD300A18D3	1800	300	85	11000	15	1.80	900	0.04	D3	
MD300K08D3	800	300	85	11000	15	1.80	900	0.04	D3	
MD300K12D3	1200	300	85	11000	15	1.80	900	0.04	D3	
MD300K16D3	1600	300	85	11000	15	1.80	900	0.04	D3	
MD300K18D3	1800	300	85	11000	15	1.80	900	0.04	D3	
MD380C08D3	800	380	85	14000	20	1.4	1500	0.09	D3	
MD380C12D3	1200	380	85	14000	20	1.4	1500	0.09	D3	
MD380C16D3	1600	380	85	14000	20	1.4	1500	0.09	D3	
MD380C18D3	1800	380	85	14000	20	1.4	1500	0.09	D3	
MD380A08D3	800	380	85	14000	20	1.4	1500	0.09	D3	
MD380A12D3	1200	380	85	14000	20	1.4	1500	0.09	D3	
MD380A16D3	1600	380	85	14000	20	1.4	1500	0.09	D3	
MD380A18D3	1800	380	85	14000	20	1.4	1500	0.09	D3	
MD380K08D3	800	380	85	14000	20	1.4	1500	0.09	D3	
MD380K12D3	1200	380	85	14000	20	1.4	1500	0.09	D3	
MD380K16D3	1600	380	85	14000	20	1.4	1500	0.09	D3	
MD380K18D3	1800	380	85	14000	20	1.4	1500	0.09	D3	
MD350C08D4	800	350	85	13000	20	1.80	1200	0.025	D4	
MD350C12D4	1200	350	85	13000	20	1.80	1200	0.025	D4	
MD350C16D4	1600	350	85	13000	20	1.80	1200	0.025	D4	
MD350C18D4	1800	350	85	13000	20	1.80	1200	0.025	D4	



D3



D4

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 2500V(交流)  
Viso:2500V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复 峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD350A08D4	800	350	85	13000	20	1.80	1200	0.025	D4	
MD350A12D4	1200	350	85	13000	20	1.80	1200	0.025	D4	
MD350A16D4	1600	350	85	13000	20	1.80	1200	0.025	D4	
MD350A18D4	1800	350	85	13000	20	1.80	1200	0.025	D4	
MD350K08D4	800	350	85	13000	20	1.80	1200	0.025	D4	
MD350K12D4	1200	350	85	13000	20	1.80	1200	0.025	D4	
MD350K16D4	1600	350	85	13000	20	1.80	1200	0.025	D4	
MD350K18D4	1800	350	85	13000	20	1.80	1200	0.025	D4	
MD400C08D4	800	400	85	15000	20	1.80	1200	0.025	D4	
MD400C12D4	1200	400	85	15000	20	1.80	1200	0.025	D4	
MD400C16D4	1600	400	85	15000	20	1.80	1200	0.025	D4	
MD400C18D4	1800	400	85	15000	20	1.80	1200	0.025	D4	
MD400A08D4	800	400	85	15000	20	1.80	1200	0.025	D4	
MD400A12D4	1200	400	85	15000	20	1.80	1200	0.025	D4	
MD400A16D4	1600	400	85	15000	20	1.80	1200	0.025	D4	
MD400A18D4	1800	400	85	15000	20	1.80	1200	0.025	D4	
MD400K08D4	800	400	85	15000	20	1.80	1200	0.025	D4	
MD400K12D4	1200	400	85	15000	20	1.80	1200	0.025	D4	
MD400K16D4	1600	400	85	15000	20	1.80	1200	0.025	D4	
MD400K18D4	1800	400	85	15000	20	1.80	1200	0.025	D4	
MD500C08D5	800	500	85	20000	25	1.80	1500	0.02	D5	
MD500C12D5	1200	500	85	20000	25	1.80	1500	0.02	D5	
MD500C16D5	1600	500	85	20000	25	1.80	1500	0.02	D5	
MD500C18D5	1800	500	85	20000	25	1.80	1500	0.02	D5	
MD500A08D5	800	500	85	20000	25	1.80	1500	0.02	D5	
MD500A12D5	1200	500	85	20000	25	1.80	1500	0.02	D5	
MD500A16D5	1600	500	85	20000	25	1.80	1500	0.02	D5	
MD500A18D5	1800	500	85	20000	25	1.80	1500	0.02	D5	
MD500K08D5	800	500	85	20000	25	1.80	1500	0.02	D5	
MD500K12D5	1200	500	85	20000	25	1.80	1500	0.02	D5	
MD500K16D5	1600	500	85	20000	25	1.80	1500	0.02	D5	
MD500K18D5	1800	500	85	20000	25	1.80	1500	0.02	D5	
MD600C08D5	800	600	85	22000	25	1.80	1800	0.02	D5	
MD600C12D5	1200	600	85	22000	25	1.80	1800	0.02	D5	
MD600C16D5	1600	600	85	22000	25	1.80	1800	0.02	D5	
MD600C18D5	1800	600	85	22000	25	1.80	1800	0.02	D5	
MD600A08D5	800	600	85	22000	25	1.80	1800	0.02	D5	
MD600A12D5	1200	600	85	22000	25	1.80	1800	0.02	D5	
MD600A16D5	1600	600	85	22000	25	1.80	1800	0.02	D5	
MD600A18D5	1800	600	85	22000	25	1.80	1800	0.02	D5	



D4



D5

整流二极管模块

RECTIFIER DIODE MODULES

绝缘耐压: 2500V(交流)  
Viso:2500V(AC)

型号 Part Number	反向重复峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复峰值电流 IRRM 150°C (mA)	最大正向压降 VFM@IF		结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD600K08D5	800	600	85	22000	25	1.80	1800	0.02	D5	
MD600K12D5	1200	600	85	22000	25	1.80	1800	0.02	D5	
MD600K16D5	1600	600	85	22000	25	1.80	1800	0.02	D5	
MD600K18D5	1800	600	85	22000	25	1.80	1800	0.02	D5	
MD800C08D6	800	800	85	30000	35	1.80	2400	0.015	D6	
MD800C12D6	1200	800	85	30000	35	1.80	2400	0.015	D6	
MD800C16D6	1600	800	85	30000	35	1.80	2400	0.015	D6	
MD800C18D6	1800	800	85	30000	35	1.80	2400	0.015	D6	
MD800A08D6	800	800	85	30000	35	1.80	2400	0.015	D6	
MD800A12D6	1200	800	85	30000	35	1.80	2400	0.015	D6	
MD800A16D6	1600	800	85	30000	35	1.80	2400	0.015	D6	
MD800A18D6	1800	800	85	30000	35	1.80	2400	0.015	D6	
MD800K08D6	800	800	85	30000	35	1.80	2400	0.015	D6	
MD800K12D6	1200	800	85	30000	35	1.80	2400	0.015	D6	
MD800K16D6	1600	800	85	30000	35	1.80	2400	0.015	D6	
MD800K18D6	1800	800	85	30000	35	1.80	2400	0.015	D6	
MD300U08I3	800	300	100	12500	20	1.35	900	0.13	I3	
MD300U12I3	1200	300	100	12500	20	1.35	900	0.13	I3	
MD300U16I3	1600	300	100	12500	20	1.35	900	0.13	I3	
MD300U18I3	1800	300	100	12500	20	1.35	900	0.13	I3	
MD400U08I4	800	400	100	17000	20	1.40	1200	0.1	I4	
MD400U12I4	1200	400	100	17000	20	1.40	1200	0.1	I4	
MD400U16I4	1600	400	100	17000	20	1.40	1200	0.1	I4	
MD400U18I4	1800	400	100	17000	20	1.40	1200	0.1	I4	
MD600U06I5	600	600	100	25000	20	1.2	1800	0.13	I5	
MD600U12I5	1200	600	100	25000	20	1.2	1800	0.13	I5	
MD600U18I5	1800	600	100	25000	20	1.2	1800	0.13	I5	
MD600U20I5	2000	600	100	25000	20	1.2	1800	0.13	I5	



D5



D6



I3



I4



I5

三相整流桥模块

THREE PHASE RECTIFIER MODULES

型号 Part Number	反向重复峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复峰值电流 IRRM 150°C (mA)	正向峰值电压 VFM@IF		结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD50S08M1	800	50	96	460	3	1.50	150	0.25	M1	
MD50S12M1	1200	50	96	460	3	1.50	150	0.25	M1	
MD50S16M1	1600	50	96	460	3	1.50	150	0.25	M1	
MD50S18M1	1800	50	96	460	3	1.50	150	0.25	M1	
MD60S08M2	800	60	110	460	5	1.80	150	0.242	M2	
MD60S12M2	1200	60	110	460	5	1.80	150	0.242	M2	
MD60S16M2	1600	60	110	460	5	1.80	150	0.242	M2	
MD60S18M2	1800	60	110	460	5	1.80	150	0.242	M2	
MD75S08M2	800	75	110	750	5	1.60	150	0.183	M2	
MD75S12M2	1200	75	110	750	5	1.60	150	0.183	M2	
MD75S16M2	1600	75	110	750	5	1.60	150	0.183	M2	
MD75S18M2	1800	75	110	750	5	1.60	150	0.183	M2	
MD100S08M2	800	100	100	750	5	1.90	150	0.167	M2	
MD100S12M2	1200	100	100	750	5	1.90	150	0.167	M2	
MD100S16M2	1600	100	100	750	5	1.90	150	0.167	M2	
MD100S18M2	1800	100	100	750	5	1.90	150	0.167	M2	
MD60H08M2	800	60	100	750	5	1.90	150	0.25	M2	
MD60H12M2	1200	60	100	750	5	1.90	150	0.25	M2	
MD60H16M2	1600	60	100	750	5	1.90	150	0.25	M2	
MD60H18M2	1800	60	100	750	5	1.90	150	0.25	M2	
MD100S08M3	800	100	100	920	5	1.90	300	0.150	M3	
MD100S12M3	1200	100	100	920	5	1.90	300	0.150	M3	
MD100S16M3	1600	100	100	920	5	1.90	300	0.150	M3	
MD100S18M3	1800	100	100	920	5	1.90	300	0.150	M3	
MD130S08M3	800	130	100	1200	5	1.80	300	0.150	M3	
MD130S12M3	1200	130	100	1200	5	1.80	300	0.150	M3	
MD130S16M3	1600	130	100	1200	5	1.80	300	0.150	M3	
MD130S18M3	1800	130	100	1200	5	1.80	300	0.150	M3	
MD160S08M3	800	160	100	1800	6	1.75	300	0.108	M3	
MD160S12M3	1200	160	100	1800	6	1.75	300	0.108	M3	
MD160S16M3	1600	160	100	1800	6	1.75	300	0.108	M3	
MD160S18M3	1800	160	100	1800	6	1.75	300	0.108	M3	
MD200S08M3	800	200	100	2240	6	1.70	300	0.075	M3	
MD200S12M3	1200	200	100	2240	6	1.70	300	0.075	M3	
MD200S16M3	1600	200	100	2240	6	1.70	300	0.075	M3	
MD200S18M3	1800	200	100	2240	6	1.70	300	0.075	M3	



M1



M2



M3

三相整流桥模块

THREE PHASE RECTIFIER MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV)@Tc		浪涌电流 IFSM 10ms (A)	反向重复 峰值电流 IRRM 150°C (mA)	正向峰值电压 VFM@IF		结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	(°C)			(V)	(A)			
MD250S08M3	800	250	100	2500	6	1.60	300	0.06	M3	
MD250S12M3	1200	250	100	2500	6	1.60	300	0.06	M3	
MD250S16M3	1600	250	100	2500	6	1.60	300	0.06	M3	
MD250S18M3	1800	250	100	2500	6	1.60	300	0.06	M3	
MD50S08M4	800	50	110	460	5	1.7	150	0.242	M4	
MD50S12M4	1200	50	110	460	5	1.7	150	0.242	M4	
MD50S16M4	1600	50	110	460	5	1.7	150	0.242	M4	
MD50S18M4	1800	50	110	460	5	1.7	150	0.242	M4	
MD75S08M4	800	75	110	750	5	1.5	150	0.183	M4	
MD75S12M4	1200	75	110	750	5	1.5	150	0.183	M4	
MD75S16M4	1600	75	110	750	5	1.5	150	0.183	M4	
MD75S18M4	1800	75	110	750	5	1.5	150	0.183	M4	
MD100S08M4	800	100	100	920	5	1.90	300	0.167	M4	
MD100S12M4	1200	100	100	920	5	1.90	300	0.167	M4	
MD100S16M4	1600	100	100	920	5	1.90	300	0.167	M4	
MD100S18M4	1800	100	100	920	5	1.90	300	0.167	M4	
MD100S08M5	800	100	100	920	5	1.90	300	0.15	M5	
MD100S12M5	1200	100	100	920	5	1.90	300	0.15	M5	
MD100S16M5	1600	100	100	920	5	1.90	300	0.15	M5	
MD100S18M5	1800	100	100	920	5	1.90	300	0.15	M5	
MD130S08M5	800	130	100	1200	5	1.80	300	0.15	M5	
MD130S12M5	1200	130	100	1200	5	1.80	300	0.15	M5	
MD130S16M5	1600	130	100	1200	5	1.80	300	0.15	M5	
MD130S18M5	1800	130	100	1200	5	1.80	300	0.15	M5	
MD160S08M5	800	160	100	1800	6	1.75	300	0.108	M5	
MD160S12M5	1200	160	100	1800	6	1.75	300	0.108	M5	
MD160S16M5	1600	160	100	1800	6	1.75	300	0.108	M5	
MD160S18M5	1800	160	100	1800	6	1.75	300	0.108	M5	
MD200S08M5	800	200	100	2240	6	1.70	300	0.075	M5	
MD200S12M5	1200	200	100	2240	6	1.70	300	0.075	M5	
MD200S16M5	1600	200	100	2240	6	1.70	300	0.075	M5	
MD200S18M5	1800	200	100	2240	6	1.70	300	0.075	M5	
MD250S08M5	800	250	100	2500	6	1.60	300	0.06	M5	
MD250S12M5	1200	250	100	2500	6	1.60	300	0.06	M5	
MD250S16M5	1600	250	100	2500	6	1.60	300	0.06	M5	
MD250S18M5	1800	250	100	2500	6	1.60	300	0.06	M5	



M3



M4



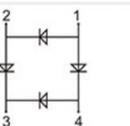
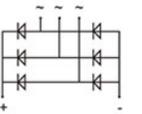
M5

三相整流桥模块

THREE PHASE RECTIFIER MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

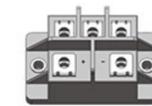
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		(A)	(°C)			(V)	(A)			
MD60S08NM2	800	60	110	460	5	1.80	150	0.242	NM2	
MD60S12NM2	1200	60	110	460	5	1.80	150	0.242	NM2	
MD60S16NM2	1600	60	110	460	5	1.80	150	0.242	NM2	
MD60S18NM2	1800	60	110	460	5	1.80	150	0.242	NM2	
MD75S08NM2	800	75	110	750	5	1.60	150	0.183	NM2	
MD75S12NM2	1200	75	110	750	5	1.60	150	0.183	NM2	
MD75S16NM2	1600	75	110	750	5	1.60	150	0.183	NM2	
MD75S18NM2	1800	75	110	750	5	1.60	150	0.183	NM2	
MD100S08NM2	800	100	100	750	5	1.90	150	0.167	NM2	
MD100S12NM2	1200	100	100	750	5	1.90	150	0.167	NM2	
MD100S16NM2	1600	100	100	750	5	1.90	150	0.167	NM2	
MD100S18NM2	1800	100	100	750	5	1.90	150	0.167	NM2	
MD100S08NM3	800	100	100	920	5	1.90	300	0.15	NM3	
MD100S12NM3	1200	100	100	920	5	1.90	300	0.15	NM3	
MD100S16NM3	1600	100	100	920	5	1.90	300	0.15	NM3	
MD100S18NM3	1800	100	100	920	5	1.90	300	0.15	NM3	
MD160S08NM3	800	160	100	1800	6	1.75	300	0.108	NM3	
MD160S12NM3	1200	160	100	1800	6	1.75	300	0.108	NM3	
MD160S16NM3	1600	160	100	1800	6	1.75	300	0.108	NM3	
MD160S18NM3	1800	160	100	1800	6	1.75	300	0.108	NM3	
MD250S08NM3	800	250	100	2500	6	1.60	300	0.06	NM3	
MD250S12NM3	1200	250	100	2500	6	1.60	300	0.06	NM3	
MD250S16NM3	1600	250	100	2500	6	1.60	300	0.06	NM3	
MD250S18NM3	1800	250	100	2500	6	1.60	300	0.06	NM3	
MD60S08M7	800	60	110	750	5	1.60	150	0.183	M7	
MD60S12M7	1200	60	110	750	5	1.60	150	0.183	M7	
MD60S16M7	1600	60	110	750	5	1.60	150	0.183	M7	
MD60S18M7	1800	60	110	750	5	1.60	150	0.183	M7	
MD50H08FJ	800	50	104	650	1	1.40	100	0.15	FJ	
MD50H12FJ	1200	50	104	650	1	1.40	100	0.15	FJ	
MD50H16FJ	1600	50	104	650	1	1.40	100	0.15	FJ	
MD50H18FJ	1800	50	104	650	1	1.40	100	0.15	FJ	



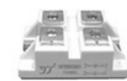
NM2



NM3



M7



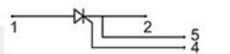
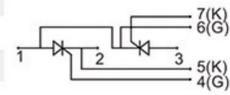
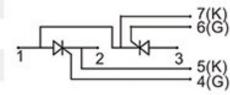
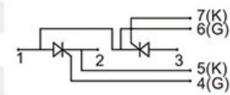
FJ

晶闸管模块

THYRISTOR MODULES

绝缘耐压: 3000V(交流) 电压临界上升率: 大于1000V/us  
Viso:3000V(AC) dv/dt:1000V/us

型号 Part Number	正向重复峰值电压/ 反向重复峰值电压 V <sub>DRM</sub> /V <sub>RRM</sub> (V)	通态平均电流 I <sub>TAV</sub> @T <sub>C</sub> =85°C (A)	通态浪涌电流 I <sub>TSM</sub> 10ms (A)	正向重复峰值电流/ 反向重复峰值电流 I <sub>DRM</sub> / I <sub>RRM</sub> 125°C (mA)	通态压降@ 通态电流 V <sub>TM</sub> @ I <sub>T</sub>		触发电流 I <sub>GT</sub> (mA)	触发电压 V <sub>GT</sub> (V)	结-壳热阻 R <sub>thj-c</sub> (°C/W)	封装 Package	电路结构 Circuit structure
					(V)	(A)					
MT25C08T1	800	25	550	10	1.80	75	150	2.5	0.45	T1	
MT25C12T1	1200	25	550	10	1.80	75	150	2.5	0.45	T1	
MT25C16T1	1600	25	550	10	1.80	75	150	2.5	0.45	T1	
MT25C18T1	1800	25	550	10	1.80	75	150	2.5	0.45	T1	
MT40C08T1	800	40	1000	15	1.95	200	150	2.5	0.33	T1	
MT40C12T1	1200	40	1000	15	1.95	200	150	2.5	0.33	T1	
MT40C16T1	1600	40	1000	15	1.95	200	150	2.5	0.33	T1	
MT40C18T1	1800	40	1000	15	1.95	200	150	2.5	0.33	T1	
MT60C08T1	800	60	1500	15	1.65	200	150	3.0	0.29	T1	
MT60C12T1	1200	60	1500	15	1.65	200	150	3.0	0.29	T1	
MT60C16T1	1600	60	1500	15	1.65	200	150	3.0	0.29	T1	
MT60C18T1	1800	60	1500	15	1.65	200	150	3.0	0.29	T1	
MT90C08T1	800	90	2000	20	1.65	300	150	3.0	0.14	T1	
MT90C12T1	1200	90	2000	20	1.65	300	150	3.0	0.14	T1	
MT90C16T1	1600	90	2000	20	1.65	300	150	3.0	0.14	T1	
MT90C18T1	1800	90	2000	20	1.65	300	150	3.0	0.14	T1	
MT110C08T1	800	110	2250	20	1.65	300	150	3.0	0.14	T1	
MT110C12T1	1200	110	2250	20	1.65	300	150	3.0	0.14	T1	
MT110C16T1	1600	110	2250	20	1.65	300	150	3.0	0.14	T1	
MT110C18T1	1800	110	2250	20	1.65	300	150	3.0	0.14	T1	
MT90C22T1	2200	90	2000	20	1.65	300	150	3.0	0.14	T1	
MT90C08T1D	800	90	2000	20	1.65	300	150	3.0	0.14	T1D	
MT90C12T1D	1200	90	2000	20	1.65	300	150	3.0	0.14	T1D	
MT90C16T1D	1600	90	2000	20	1.65	300	150	3.0	0.14	T1D	
MT90C18T1D	1800	90	2000	20	1.65	300	150	3.0	0.14	T1D	
MT130C08T2	800	130	4700	40	1.80	500	150	3.0	0.09	T2	
MT130C12T2	1200	130	4700	40	1.80	500	150	3.0	0.09	T2	
MT130C16T2	1600	130	4700	40	1.80	500	150	3.0	0.09	T2	
MT130C18T2	1800	130	4700	40	1.80	500	150	3.0	0.09	T2	
MT160C08T2	800	160	5400	40	1.75	500	150	3.0	0.085	T2	
MT160C12T2	1200	160	5400	40	1.75	500	150	3.0	0.085	T2	
MT160C16T2	1600	160	5400	40	1.75	500	150	3.0	0.085	T2	
MT160C18T2	1800	160	5400	40	1.75	500	150	3.0	0.085	T2	
MT200C08T2	800	200	5500	50	1.68	500	200	3.0	0.08	T2	
MT200C12T2	1200	200	5500	50	1.68	500	200	3.0	0.08	T2	
MT200C16T2	1600	200	5500	50	1.68	500	200	3.0	0.08	T2	
MT200C18T2	1800	200	5500	50	1.68	500	200	3.0	0.08	T2	
MT200U08T2	800	200	5500	50	1.68	500	200	3.0	0.16	T2	
MT200U12T2	1200	200	5500	50	1.68	500	200	3.0	0.16	T2	
MT200U16T2	1600	200	5500	50	1.68	500	200	3.0	0.16	T2	
MT200U18T2	1800	200	5500	50	1.68	500	200	3.0	0.16	T2	



T1



T1D



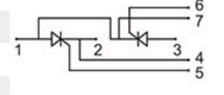
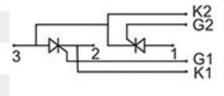
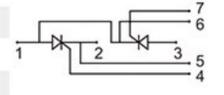
T2

晶闸管模块

THYRISTOR MODULES

绝缘耐压: 3000V(交流) 电压临界上升率: 大于1000V/us  
Viso:3000V(AC) dv/dt:1000V/us

型号 Part Number	正向重复峰值电压/ 反向重复峰值电压 V <sub>DRM</sub> /V <sub>RRM</sub> (V)	通态平均电流 I <sub>TAV</sub> @T <sub>C</sub> =85°C (A)	通态浪涌电流 I <sub>TSM</sub> 10ms (A)	正向重复峰值电流/ 反向重复峰值电流 I <sub>DRM</sub> / I <sub>RRM</sub> 125°C (mA)	通态压降@ 通态电流 V <sub>TM</sub> @ I <sub>T</sub>		触发电流 I <sub>GT</sub> (mA)	触发电压 V <sub>GT</sub> (V)	结-壳热阻 R <sub>thj-c</sub> (°C/W)	封装 Package	电路结构 Circuit structure
					(V)	(A)					
MT275C08T3	800	275	8400	30	1.60	750	150	2.0	0.13	T3	
MT275C12T3	1200	275	8400	30	1.60	750	150	2.0	0.13	T3	
MT275C16T3	1600	275	8400	30	1.60	750	150	2.0	0.13	T3	
MT275C18T3	1800	275	8400	30	1.60	750	150	2.0	0.13	T3	
MT330C08T4	800	330	9000	30	1.60	900	150	2.0	0.12	T4	
MT330C12T4	1200	330	9000	30	1.60	900	150	2.0	0.12	T4	
MT330C16T4	1600	330	9000	30	1.60	900	150	2.0	0.12	T4	
MT330C18T4	1800	330	9000	30	1.60	900	150	2.0	0.12	T4	
MT570C08T6	800	570	18000	30	1.50	1800	150	2.0	0.035	T6	
MT570C12T6	1200	570	18000	30	1.50	1800	150	2.0	0.035	T6	
MT570C16T6	1600	570	18000	30	1.50	1800	150	2.0	0.035	T6	
MT570C18T6	1800	570	18000	30	1.50	1800	150	2.0	0.035	T6	



T3



T4



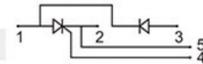
T6

晶闸管/整流二极管模块

THYRISTOR / RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流) 电压临界上升率: 大于1000V/us  
Viso:3000V(AC) dv/dt:1000V/us

型号 Part Number	正向重复峰值电压/ 反向重复峰值电压 VDRM/VRRM (V)	通态平均电流 I <sub>TAV</sub> @ T <sub>c</sub> =85°C (A)	通态浪涌电流 I <sub>TSM</sub> 10ms (A)	通态压降@ V <sub>TM</sub> @ I <sub>T</sub>		二极管 Diode		晶闸管 Thyristor				封装 Package	电路结构 Circuit structure
				(V)	(A)	反向重复峰值电流 I <sub>RRM</sub> 150°C (mA)	结-壳热阻 R <sub>thj-c</sub> (°C/W)	触发电流 I <sub>GT</sub> (mA)	触发电压 V <sub>GT</sub> (V)	正向重复峰值电流/ 反向重复峰值电流 I <sub>DRM</sub> / I <sub>RRM</sub> 125°C (mA)	结-壳热阻 R <sub>thj-c</sub> (°C/W)		
MT25CB08T1	800	25	550	1.80	75	6	0.45	150	2.5	10	0.90	T1	
MT25CB12T1	1200	25	550	1.80	75	6	0.45	150	2.5	10	0.90	T1	
MT25CB16T1	1600	25	550	1.80	75	6	0.45	150	2.5	10	0.90	T1	
MT25CB18T1	1800	25	550	1.80	75	6	0.45	150	2.5	10	0.90	T1	
MT40CB08T1	800	40	1000	1.95	200	6	0.33	150	2.5	15	0.65	T1	
MT40CB12T1	1200	40	1000	1.95	200	6	0.33	150	2.5	15	0.65	T1	
MT40CB16T1	1600	40	1000	1.95	200	6	0.33	150	2.5	15	0.65	T1	
MT40CB18T1	1800	40	1000	1.95	200	6	0.33	150	2.5	15	0.65	T1	
MT60CB08T1	800	60	1500	1.65	200	6	0.29	150	3.0	15	0.57	T1	
MT60CB12T1	1200	60	1500	1.65	200	6	0.29	150	3.0	15	0.57	T1	
MT60CB16T1	1600	60	1500	1.65	200	6	0.29	150	3.0	15	0.57	T1	
MT60CB18T1	1800	60	1500	1.65	200	6	0.29	150	3.0	15	0.57	T1	
MT90CB08T1	800	90	2000	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT90CB12T1	1200	90	2000	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT90CB16T1	1600	90	2000	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT90CB18T1	1800	90	2000	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT110CB08T1	800	110	2250	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT110CB12T1	1200	110	2250	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT110CB16T1	1600	110	2250	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT110CB18T1	1800	110	2250	1.65	300	6	0.14	150	3.0	20	0.28	T1	
MT130CB08T2	800	130	4700	1.80	500	9	0.09	150	3.0	40	0.18	T2	
MT130CB12T2	1200	130	4700	1.80	500	9	0.09	150	3.0	40	0.18	T2	
MT130CB16T2	1600	130	4700	1.80	500	9	0.09	150	3.0	40	0.18	T2	
MT130CB18T2	1800	130	4700	1.80	500	9	0.09	150	3.0	40	0.18	T2	
MT160CB08T2	800	160	5400	1.70	500	9	0.085	150	3.0	40	0.17	T2	
MT160CB12T2	1200	160	5400	1.70	500	9	0.085	150	3.0	40	0.17	T2	
MT160CB16T2	1600	160	5400	1.70	500	9	0.085	150	3.0	40	0.17	T2	
MT160CB18T2	1800	160	5400	1.70	500	9	0.085	150	3.0	40	0.17	T2	
MT200CB08T2	800	200	6800	1.70	620	9	0.08	200	3.0	40	0.16	T2	
MT200CB12T2	1200	200	6800	1.70	620	9	0.08	200	3.0	40	0.16	T2	
MT200CB16T2	1600	200	6800	1.70	620	9	0.08	200	3.0	40	0.16	T2	
MT200CB18T2	1800	200	6800	1.70	620	9	0.08	200	3.0	40	0.16	T2	



T1



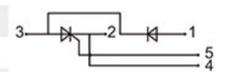
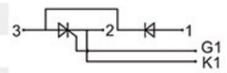
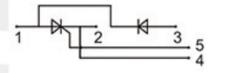
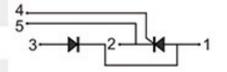
T2

晶闸管/整流二极管模块

THYRISTOR / RECTIFIER DIODE MODULES

绝缘耐压: 3000V(交流) 电压临界上升率: 大于1000V/us  
Viso:3000V(AC) dv/dt:1000V/us

型号 Part Number	正向重复峰值电压/ 反向重复峰值电压 VDRM/VRRM (V)	通态平均电流 I <sub>TAV</sub> @ T <sub>c</sub> =85°C (A)	通态浪涌电流 I <sub>TSM</sub> 10ms (A)	通态压降@ V <sub>TM</sub> @ I <sub>T</sub>		二极管 Diode		晶闸管 Thyristor				封装 Package	电路结构 Circuit structure
				(V)	(A)	反向重复峰值电流 I <sub>RRM</sub> 150°C (mA)	结-壳热阻 R <sub>thj-c</sub> (°C/W)	触发电流 I <sub>GT</sub> (mA)	触发电压 V <sub>GT</sub> (V)	正向重复峰值电流/ 反向重复峰值电流 I <sub>DRM</sub> / I <sub>RRM</sub> 125°C (mA)	结-壳热阻 R <sub>thj-c</sub> (°C/W)		
MT200CB08T3	800	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB12T3	1200	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB16T3	1600	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB18T3	1800	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB08T3	800	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB12T3	1200	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB16T3	1600	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT200CB18T3	1800	200	7200	1.5	600	30	0.14	180	2.5	30	0.28	T3	
MT275CB08T3	800	275	8000	1.6	750	30	0.13	150	2	30	0.26	T3	
MT275CB12T3	1200	275	8000	1.6	750	30	0.13	150	2	30	0.26	T3	
MT275CB16T3	1600	275	8000	1.6	750	30	0.13	150	2	30	0.26	T3	
MT275CB18T3	1800	275	8000	1.6	750	30	0.13	150	2	30	0.26	T3	
MT330CB08T4	800	330	9000	1.6	900	30	0.12	150	2	30	0.24	T4	
MT330CB12T4	1200	330	9000	1.6	900	30	0.12	150	2	30	0.24	T4	
MT330CB16T4	1600	330	9000	1.6	900	30	0.12	150	2	30	0.24	T4	
MT330CB18T4	1800	330	9000	1.6	900	30	0.12	150	2	30	0.24	T4	
MT570CB08T6	800	570	18000	1.55	1800	40	0.065	200	3	40	0.13	T6	
MT570CB12T6	1200	570	18000	1.55	1800	40	0.065	200	3	40	0.13	T6	
MT570CB16T6	1600	570	18000	1.55	1800	40	0.065	200	3	40	0.13	T6	
MT570CB18T6	1800	570	18000	1.55	1800	40	0.065	200	3	40	0.13	T6	



T3



T4

晶闸管/三相整流桥模块

THYRISTOR /THREE PHASE RECTIFIER MODULES

绝缘耐压: 3000V(交流) 电压临界上升率: 大于1000V/us  
Viso:3000V(AC) dv/dt:1000V/us

型号 Part Number	正向重复峰值电压/ 反向重复峰值电压 VDRM/VRRM (V)		通态平均电流 ITAV@Tc=85°C (A)		通态浪涌电流 ITSM 10ms (A)		二极管 Diode			晶闸管 Thyristor				封装 Package	电路结构 Circuit structure	
	最大正向压降 VFM @IF (V)	反向重复峰值电流 IRRM 150°C (mA)	结-壳热阻 Rthj-c (°C/W)	触发电流 IGT (mA)	触发电压 VGT (V)	通态压降@ 通态电流 VTM@IT (V)		正向重复峰值电流/ 反向重复峰值电流 IDRM /IRRM 125°C (mA)		结-壳热阻 Rthj-c (°C/W)						
						(V)	(A)	(V)	(A)							
MT75DT08L1	800	75	99	920	1.4	100	6	0.20	150	3.0	1.30	100	20	0.3	L1	
MT75DT12L1	1200	75	99	920	1.4	100	6	0.20	150	3.0	1.30	100	20	0.3	L1	
MT75DT16L1	1600	75	99	920	1.4	100	6	0.20	150	3.0	1.30	100	20	0.3	L1	
MT75DT18L1	1800	75	99	920	1.4	100	6	0.20	150	3.0	1.30	100	20	0.3	L1	
MT100DT08L1	800	100	92	1200	1.35	100	6	0.18	150	3.0	1.25	100	20	0.26	L1	
MT100DT12L1	1200	100	92	1200	1.35	100	6	0.18	150	3.0	1.25	100	20	0.26	L1	
MT100DT16L1	1600	100	92	1200	1.35	100	6	0.18	150	3.0	1.25	100	20	0.26	L1	
MT100DT18L1	1800	100	92	1200	1.35	100	6	0.18	150	3.0	1.25	100	20	0.26	L1	
MT150DT08L2	800	150	93	1500	1.35	150	10	0.14	150	3.0	1.35	150	40	0.16	L2	
MT150DT12L2	1200	150	93	1500	1.35	150	10	0.14	150	3.0	1.35	150	40	0.16	L2	
MT150DT16L2	1600	150	93	1500	1.35	150	10	0.14	150	3.0	1.35	150	40	0.16	L2	
MT150DT18L2	1800	150	93	1500	1.35	150	10	0.14	150	3.0	1.35	150	40	0.16	L2	
MT200DT08L2	800	200	93	1900	1.35	200	10	0.12	200	3.0	1.40	200	100	0.14	L2	
MT200DT12L2	1200	200	93	1900	1.35	200	10	0.12	200	3.0	1.40	200	100	0.14	L2	
MT200DT16L2	1600	200	93	1900	1.35	200	10	0.12	200	3.0	1.40	200	100	0.14	L2	
MT200DT18L2	1800	200	93	1900	1.35	200	10	0.12	200	3.0	1.40	200	100	0.14	L2	



L1



L2

IGBT模块

IGBT MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	集电极-发射极电压 Vces min. (V)	集电极电流 Ic @ Tc=80°C (A)	饱和压降 VCE(sat) typ. (V)	最大耗散功率 Po max. (W)	关断能量损耗 典型值 Eoff typ. Tj=125°C (mJ)	最大结-壳热阻 Rthj-c max. (°C/W)	封装 Package	电路结构 Circuit structure
MG50HF12C1	1200	50	1.8	500	5.7	0.15	C1	
MG75HF12C1	1200	75	1.8	625	7.8	0.1	C1	
MG75HF17C1	1700	75	2.3	440	17.2	0.125	C1	
MG100HF12C1	1200	100	1.9	415	7.9	0.13	C1	
MG100HF06C1	600	105	1.9	625	3.5	0.1	C1	
MG150HF12C1	1200	150	1.7	625	14.5	0.1	C1	
MG100HF12C2	1200	100	3.3	415	5.8	0.1	C2	
MG300HF12C2	1200	300	1.9	1600	34.7	0.045	C2	
MG100U12GJ	1200	100	1.9	690	10.8	0.15	GJ	



C1



C2



GJ

肖特基模块  
SCHOTTKY MODULES

型号 Part Number	反向重复峰值电压 V <sub>RRM</sub> (V)	正向平均电流 I <sub>F(AV)</sub> d=0.5 T <sub>c</sub> =125°C (A)	浪涌电流 I <sub>FSM</sub> t=8.3ms T <sub>j</sub> =45°C (A)	正向压降 V <sub>F</sub> @ I <sub>F</sub> T <sub>j</sub> =125°C		结-壳热阻 R <sub>th-jc</sub> per chip (°C/W)	封装 Package	电路结构 Circuit structure
				(V)	(A)			
MB200K01F3	100	2X100	1500	0.68	100	0.15	F3	
MB400K01F3	100	2X200	3000	0.68	200	0.15	F3	
MB400K02F3	200	2x200	3000	0.78	200	0.15	F3	
MB600K01F3	100	2X300	4000	0.78	300	0.14	F3	
MB800K01F3	100	2X400	5800	0.82	400	0.15	F3	
MB400K01F4N	100	2X200	3000	0.68	200	0.15	F4N	
MB400K02F4N	200	2X200	3000	0.78	200	0.15	F4N	



F3

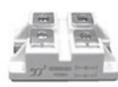


F4N

碳化硅肖特基模块  
SIC SCHOTTKY MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复峰值电压 V <sub>RRM</sub> (V)	正向平均电流 I <sub>F(AV)</sub> @ T <sub>c</sub>		浪涌电流 I <sub>FSM</sub> 10ms (A)	最大正向压降 V <sub>FM</sub> @ I <sub>F</sub>		结-壳热阻 R <sub>th-jc</sub> (°C/W)	封装 Package	电路结构 Circuit structure
		(A)	°C		(V)	(A)			
MB200DU01FJ	100	200	125	1500	0.68	100	0.15	FJ	
MB200DU02FJ	200	200	125	1500	0.79	100	0.16	FJ	
MB300U02FJ	200	300	125	4750	0.90	300	0.13	FJ	
MB40DU12FJ	1200	40	135	250	2.8	20	0.15	FJ	



FJ

快恢复二极管模块  
FRD DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复峰值电压 V <sub>RRM</sub> (V)	正向平均电流 I <sub>F(AV)</sub> d=0.5 T <sub>c</sub> =110°C (A)	浪涌电流 I <sub>FSM</sub> t=10ms T <sub>j</sub> =45°C (A)	最大正向压降 V <sub>F</sub> @ I <sub>F</sub> T <sub>j</sub> =125°C		反向恢复时间 trr I <sub>F</sub> =1A, V <sub>R</sub> =30V, diF/dt=-200A/μs (ns)	结-壳热阻 R <sub>th-jc</sub> (°C/W)	封装 Package	电路结构 Circuit structure
				(V)	(A)				
MF100C06F1	600	100	1300	1.3	100	50	0.2	F1	
MF100C12F1	1200	100	1100	1.35	100	55	0.2	F1	
MF100A06F1	600	100	1300	1.3	100	50	0.2	F1	
MF100A12F1	1200	100	1100	1.35	100	55	0.2	F1	
MF100K06F1	600	100	1300	1.3	100	50	0.2	F1	
MF100K12F1	1200	100	1100	1.35	100	55	0.2	F1	
MF150C06F2	600	150	1400	1.45	150	50	0.17	F2	
MF200C06F2	600	200	2000	1.25	200	50	0.18	F2	
MF300C06F2	600	300	3000	1.45	300	55	1.14	F2	
MF200C12F2	1200	200	1800	1.9	200	57	0.11	F2	
MF300C12F2	1200	300	2700	2.4	300	65	0.07	F2	
MF100C12F2	1200	100	1100	1.35	100	55	0.11	F2	
MF150A06F2	600	150	1400	1.45	150	50	0.34	F2	
MF200A06F2	600	200	2000	1.25	200	50	0.18	F2	
MF200A12F2	1200	200	1800	1.9	200	57	0.11	F2	
MF300A06F2	600	300	3000	1.45	300	55	0.07	F2	
MF150K06F2	600	150	1400	1.45	150	50	0.34	F2	
MF200K06F2	600	200	2000	1.25	200	50	0.18	F2	
MF200K12F2	1200	200	1800	1.9	200	57	0.11	F2	
MF300K06F2	600	300	3000	1.45	300	55	1.14	F2	
MF300U06F2	600	300	3000	1.45	300	55	0.10	F2	
MF300U12F2	1200	300	2500	1.8	300	57	0.14	F2	
MF100U12F2	1200	100	1100	1.35	100	55	0.22	F2	
MF200U12F2	1200	200	1800	1.9	200	57	0.22	F2	
MF400U12F2	1200	400	3200	1.7	400	76	0.22	F2	
MF500U12F2	1200	500	5000	1.8	500	80	0.10	F2	
MF100A06F2N	600	100	1300	1.3	100	50	0.11	F2N	
MF150A06F2N	600	150	1400	1.45	150	50	0.11	F2N	
MF200A06F2N	600	200	2000	1.25	200	50	0.11	F2N	
MF200A12F2N	1200	200	1800	1.9	200	57	0.11	F2N	
MF300A06F2N	600	300	3000	1.45	300	55	0.14	F2N	
MF100K06F2N	600	100	1300	1.3	100	50	0.11	F2N	
MF150K06F2N	600	150	1400	1.45	150	50	0.11	F2N	
MF200K06F2N	600	200	2000	1.25	200	50	0.11	F2N	
MF200K12F2N	1200	200	1800	1.9	200	57	0.11	F2N	
MF300K06F2N	600	300	3000	1.45	300	55	0.14	F2N	
MF100C12F2N	1200	100	1100	1.35	100	55	0.11	F2N	
MF200C12F2N	1200	200	1800	1.9	200	57	0.11	F2N	



F1



F2



F2N

快恢复二极管模块  
FRD DIODE MODULES

绝缘耐压: 3000V(交流)  
Viso:3000V(AC)

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV) d=0.5 Tc=110°C (A)	浪涌电流 IFSM t=10ms Tj=45°C (A)	最大正向压降 VF@IF Tj=125°C		反向恢复时间 trr If=1A, VR=30V, diF/dt= -200A/μs (ns)	结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
				(V)	(A)				
MF100K06F5	600	100	1300	1.3	100	50	0.16	F5	
MF100K12F5	1200	100	1100	1.6	100	35	0.2	F5	
MF200K12F5	1200	200	1800	1.9	200	57	0.1	F5	
MF100A12F5	1200	100	1100	1.6	100	35	0.2	F5	
MF200A12F5	1200	200	1800	1.9	200	57	0.1	F5	
MF150C06F5	600	150	1400	1.4	150	50	0.16	F5	
MF200C12F5	1200	200	1800	1.9	200	57	0.1	F5	
MF300U05F6	500	300	5000	1.25	300	65	0.11	F6	
MF300U07F6	700	300	5000	1.45	300	72	0.12	F6	
MF400U12FD	1200	400	3200	1.7	400	76	0.11	FD	
MF120DU06FJ	600	2x60	550	1.7	60	50	0.3	FJ	
MF120DU12FJ	1200	2x60	500	1.75	60	50	0.3	FJ	
MF200DU04FJ	400	2x100	1500	1.2	100	38	0.16	FJ	
MF200DU06FJ	600	2x100	1300	1.2	100	50	0.15	FJ	
MF200DU12FJ	1200	2x100	1450	1.38	100	45	0.16	FJ	



F5



F6



FD

快恢复二极管模块  
FRD DIODE MODULES

型号 Part Number	反向重复 峰值电压 VRRM (V)	正向平均电流 IF(AV) d=0.5 Tc=110°C (A)	浪涌电流 IFSM t=10ms Tj=45°C (A)	最大正向压降 VF@IF Tj=125°C		反向恢复时间 trr If=1A, VR=30V, diF/dt= -200A/μs (ns)	结-壳热阻 Rthj-c (°C/W)	封装 Package	电路结构 Circuit structure
				(V)	(A)				
MF200K04F3	400	2x100	1500	1.25	100	38	0.075	F3	
MF200K04F3LG	400	2x100	3000	1.15	100	50	0.07	F3	
MF200K06F3	600	2x100	2100	1.0	100	48	0.045	F3	
MF300K04F3	400	2x150	2700	0.90	150	44	0.05	F3	
MF300K04F3LG	400	2x150	4000	0.95	150	70	0.065	F3	
MF300K06F3	600	2x150	3500	1.25	150	50	0.03	F3	
MF400K04F3	400	2x200	4000	1.25	200	45	0.03	F3	
MF400K04F3LG	400	2x200	6000	0.95	200	80	0.06	F3	
MF400K06F3	600	2x200	3500	1.3	200	50	0.03	F3	
MF200K04F4N	400	2x100	1500	1.25	100	38	0.11	F4N	
MF200K06F4N	600	2x100	2100	1.0	100	48	0.1	F4N	



F3



F4N



FJ

MOSFET

型号 Part Number	组态 Configuration	极性 N/P	最大漏源电压 VDSS (V)	最大漏源电流 ID (A)	最大的耗散功率 Pd	栅-源电压 VGS (V)	阈值电压 VTH(V)		导通电阻 Rdson(mΩ) @VGS10V		导通电阻 Rdson(mΩ) @VGS4.5V		导通电阻 Rdson(mΩ) @VGS2.5V		印字代码 Marking Code	封装 Package	电路结构 Circuit structure
							Typ	Max	Typ	Max	Typ	Max	Typ	Max			
YJL2302A	Single	N	20	4.3	1	±10	0.85		21	27	29	44	2302	SOT-23			
YJL2300A	Single	N	20	4.5	1	±10	0.65		19.5	25	25	38	2300	SOT-23			
YJL2312A	Single	N	20	6.8	1.2	±10	0.7		16	21	20	30	c	SOT-23			
YJL3400A	Single	N	30	5.6	1.2	±12	1.1	21	27	25	33	39	59	3400		SOT-23	
YJL2304A	Single	N	30	3.6	1	±16	1.5	30	39	40	52			S4		SOT-23	
YJL05N04A	Single	N	40	5	1.2	±20	1.5	30	45	40	60			4005		SOT-23	
2N7002	Single	N	60	0.34	0.35	±20	1.5	1000	5000	1100	5300			7002		SOT-23	
YJB150N06BQ	Single	N	60	150	187	±20	3	4.6	5.5	7.7	9.2			YJB150N06BQ		SOT-23	
YJL03N06A	Single	N	60	3	1.2	±20	1.3	78	100	84	120			S10		SOT-23	
YJL02N10A	Single	N	100	2	1.2	±20	1.5	250	280	260	300			S24		SOT-23	
2N7002K	Single-ESD	N	60	0.34	0.35	±20	1.4	1300	5000	1400	5300			72K	TO-263		
YJL2301D	Single	P	-15	-3.8	1	±10	-0.7		40	52	52	78	2301D	SOT-23			
YJL2305A	Single	P	-15	-5.6	1.2	±10	-0.7		28	36	35	53	2305	SOT-23			
YJL2305B	Single	P	-20	-5.4	1.2	±10	-0.7		35	46	46	69	S5B	SOT-23			
YJL2301C	Single	P	-20	-3.4	1	±10	-0.7		49	64	59	89	S1	SOT-23			
YJL2301F	Single	P	-20	-2	1	±10	-0.7		85	100	120	180	2301F	SOT-23			
YJL3401A	Single	P	-30	-4.4	1.2	±12	-0.9	45.5	59	52	68	64	96	R1A	SOT-23		
YJL3407A	Single	P	-30	-4.1	1.2	±20	-1.5	46	60	58	75			3035	SOT-23		
YJG80G06A	Dual	N	60	80	95	±20	1.7	3.5	4.2	4.8	6.5			YJG80G06A	DFN5X6		
YJB120G06A	Dual	N	60	120	150	±20	1.7	3.3	4.0	4.5	6.0			YJB120G06A	TO-263		
YJS12G06A	Single	N	60	12	3.1	±20	1.7	8.2	9.0	10.5	13.0			YJS12G06A	SOP-8		
YJG53G06A	Single	N	60	53	70	±20	1.7	6.8	8.2	9.5	12.0			YJG53G06A	DFN5X6		
YJQ53G06A	Single	N	60	53	70	±20	1.7	6.8	8.2	9.5	12.0			YJQ53G06A	DFN3.3X3.3		



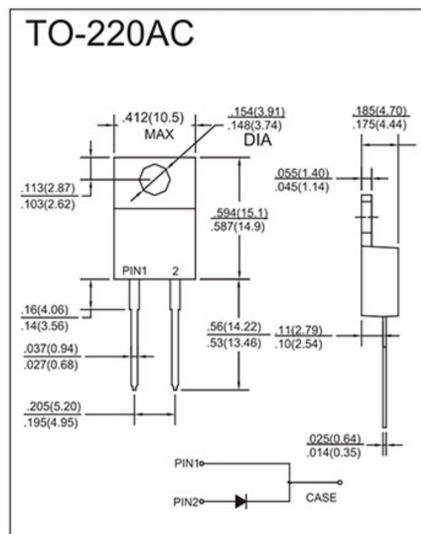
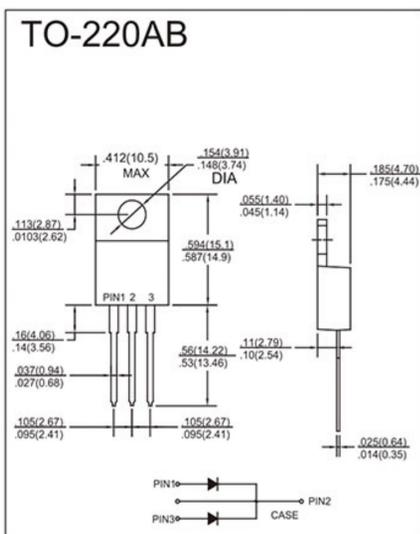
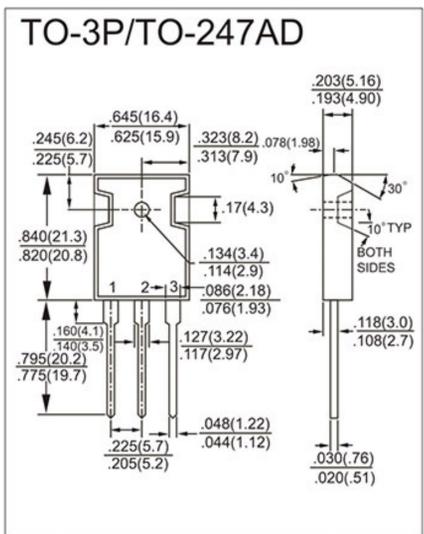
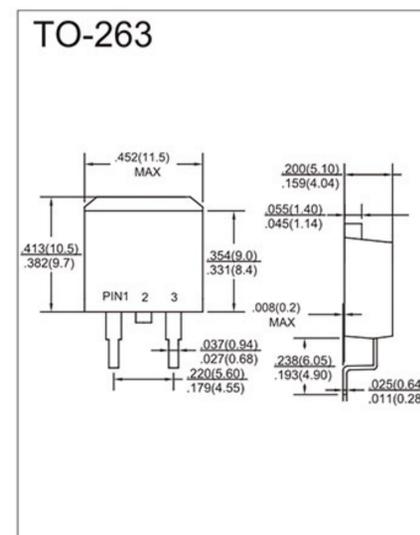
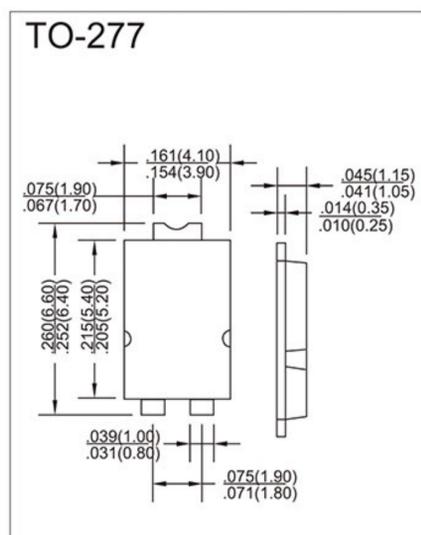
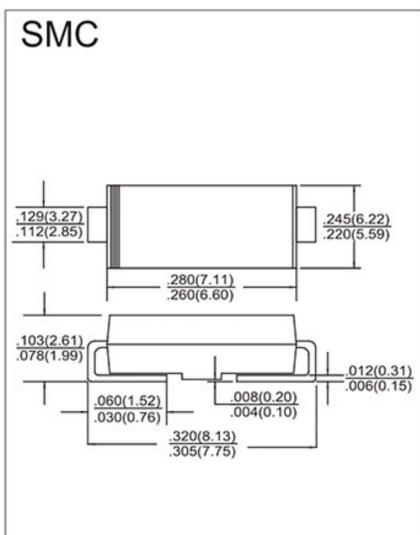
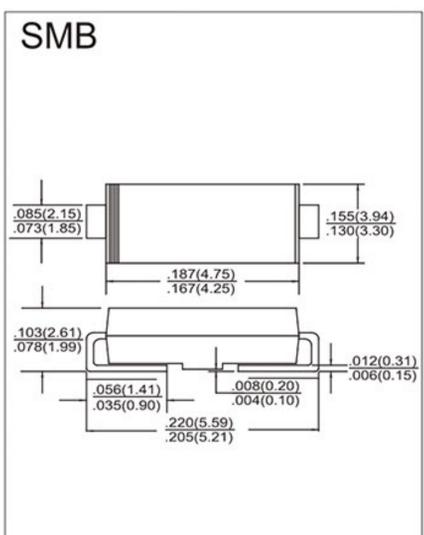
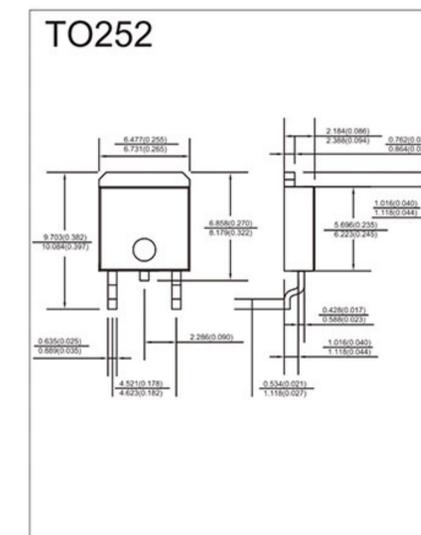
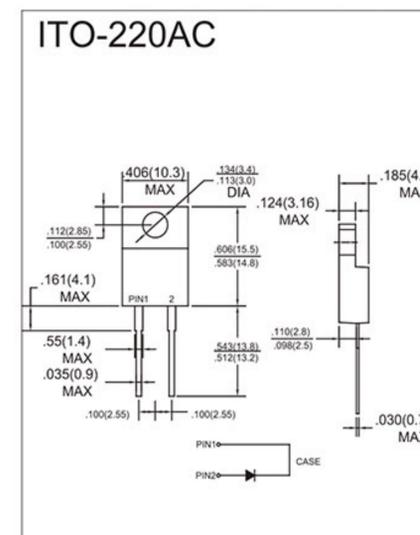
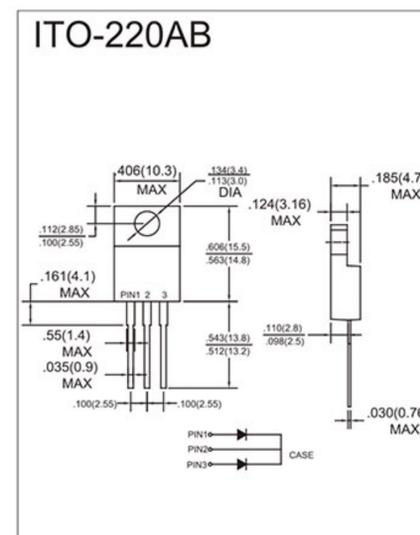
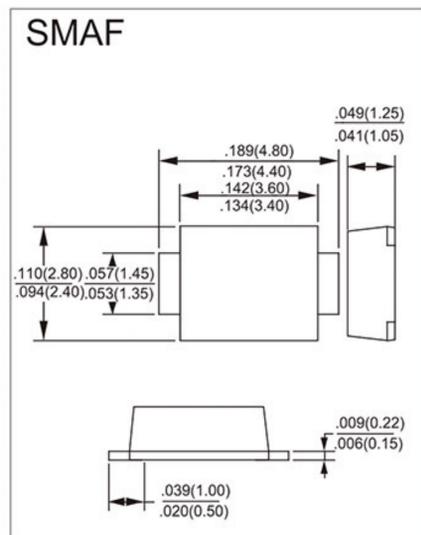
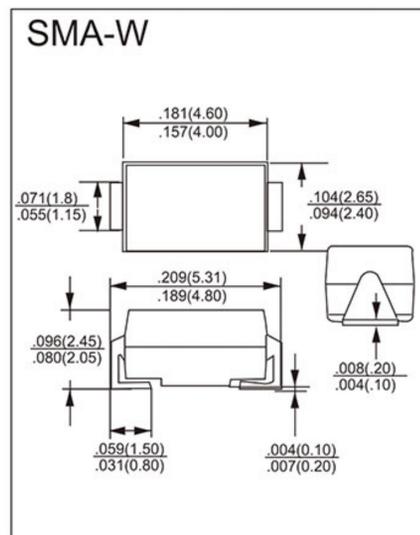
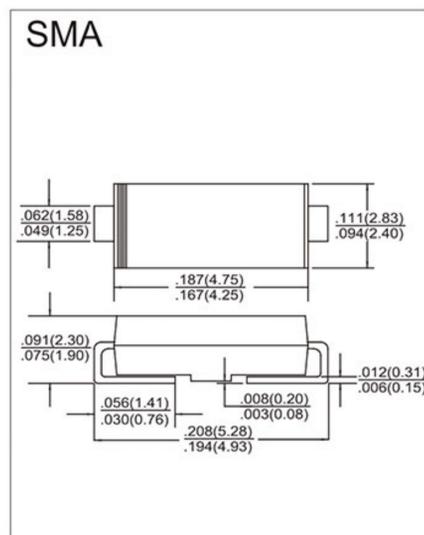
封装尺寸图  
OUTLINE DRAWING

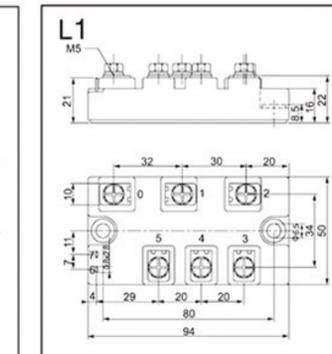
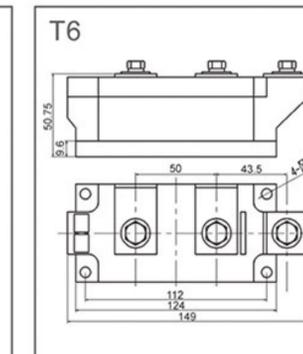
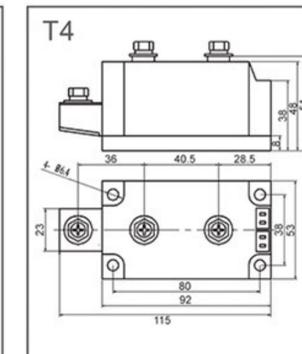
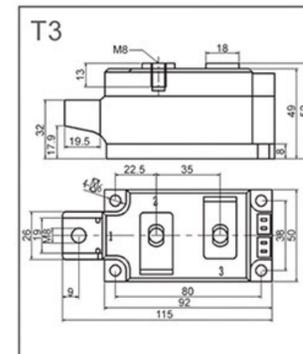
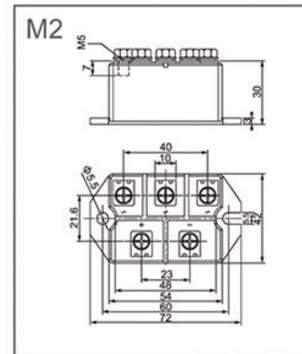
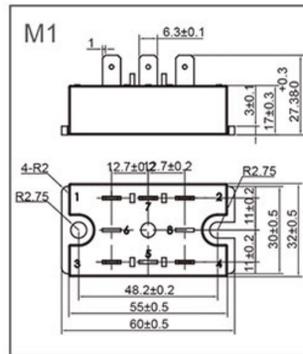
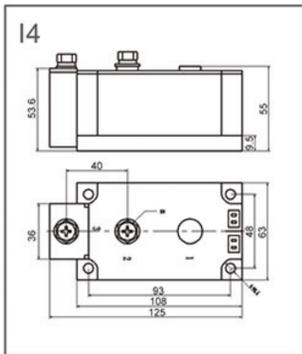
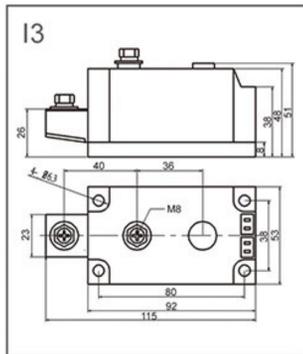
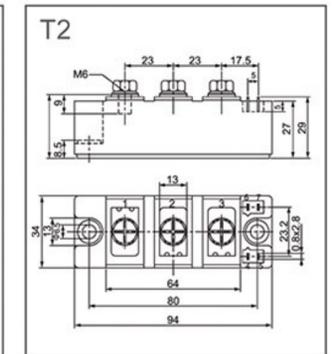
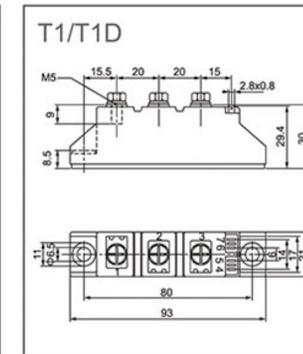
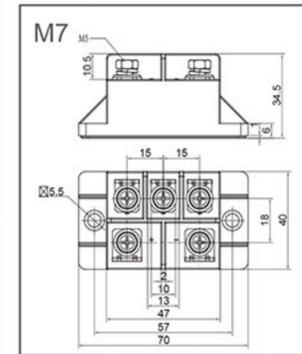
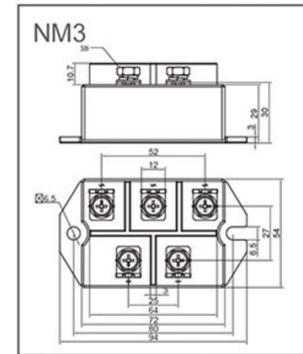
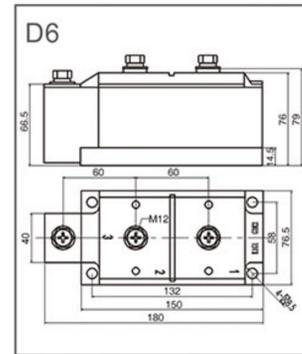
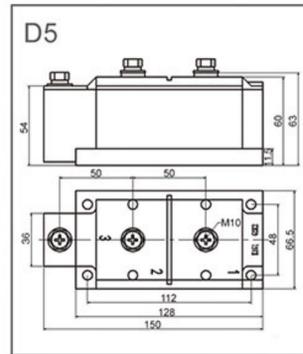
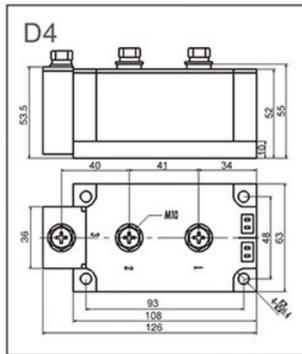
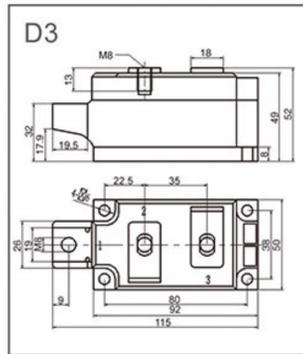
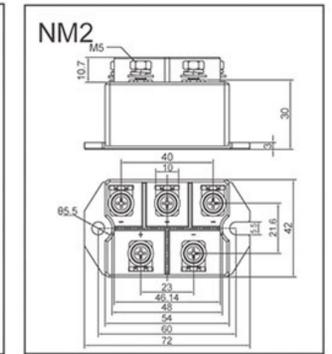
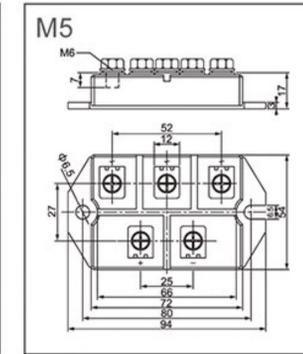
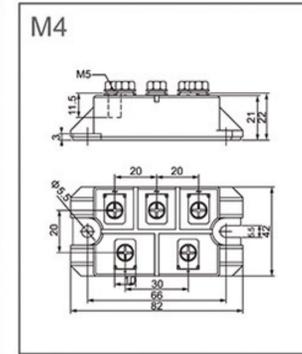
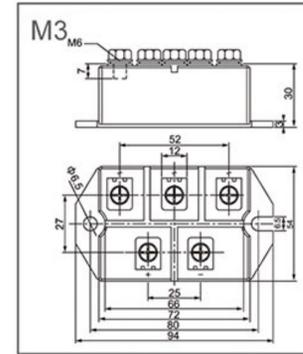
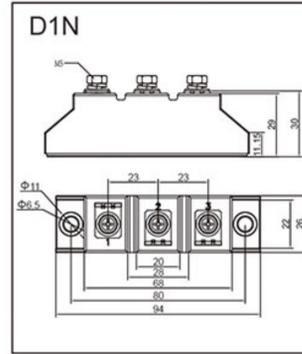
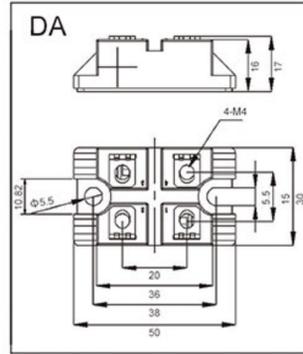
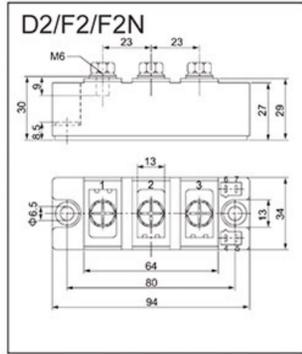
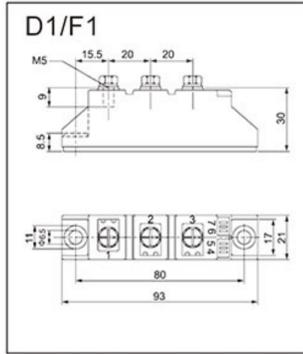
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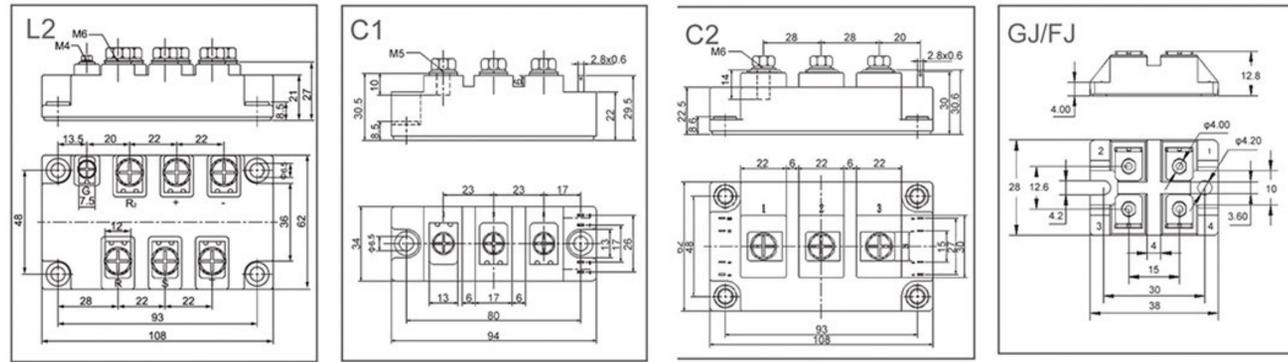
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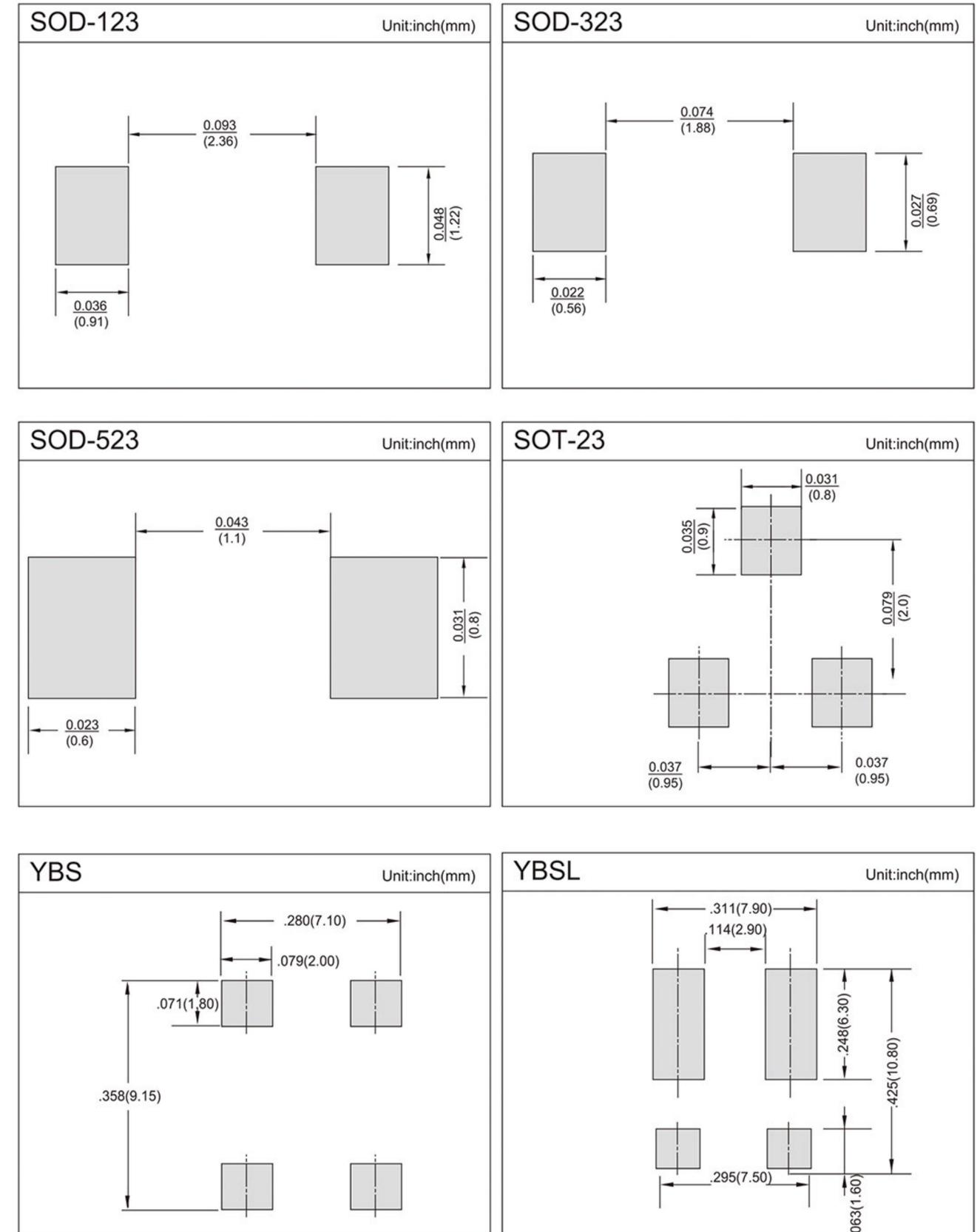


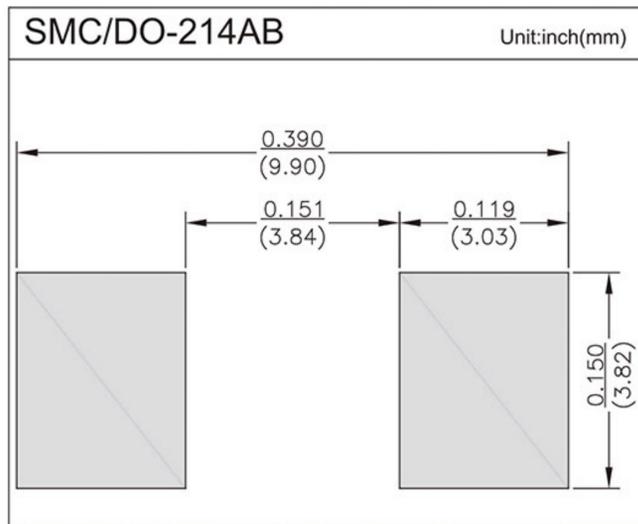
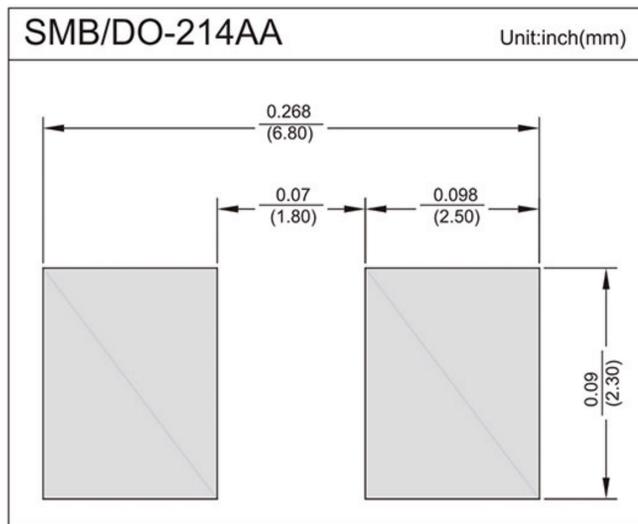
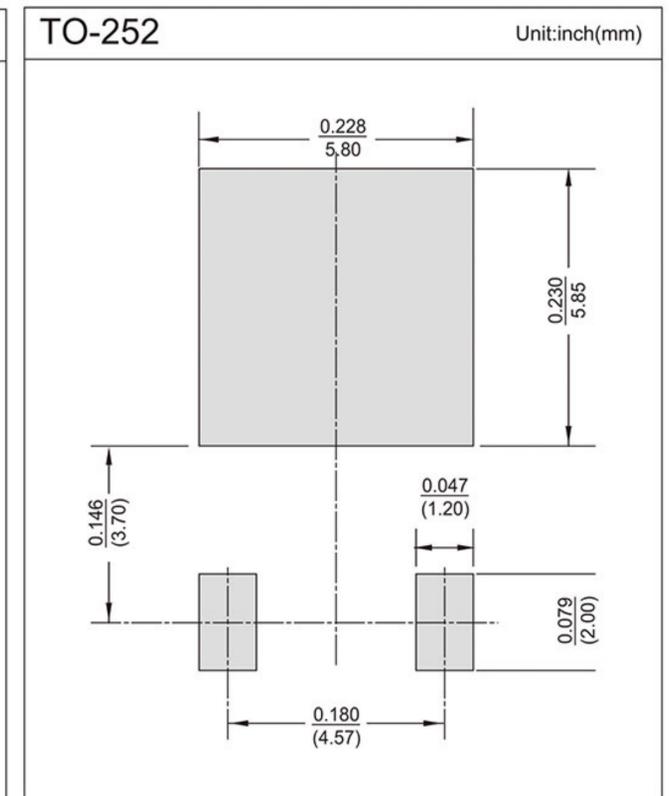
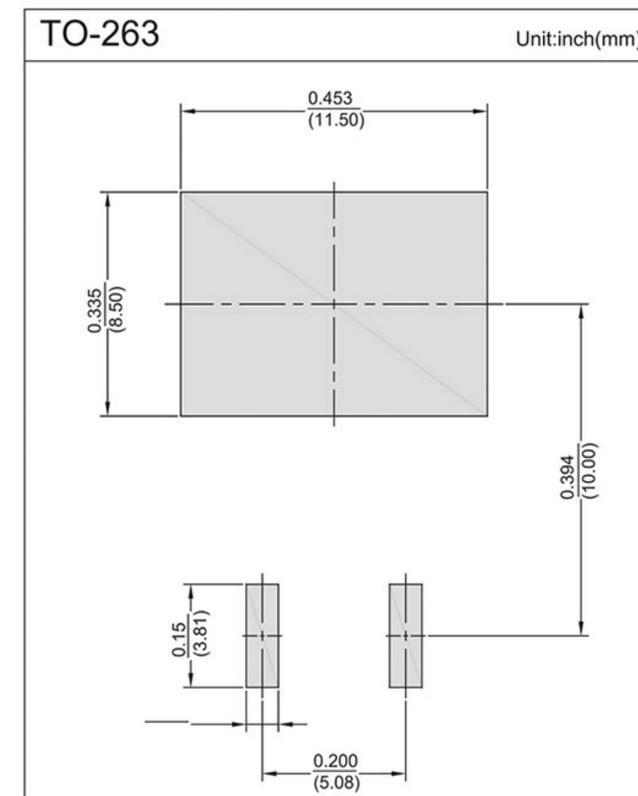
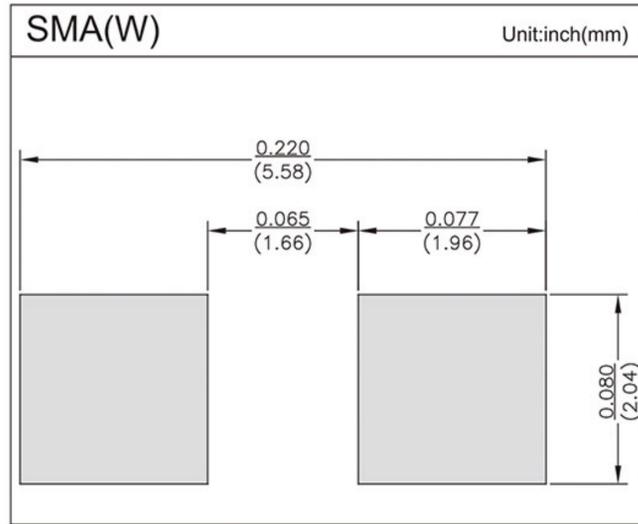
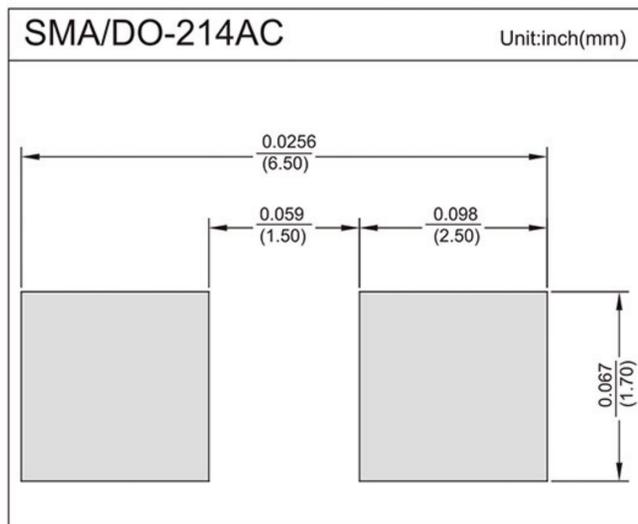
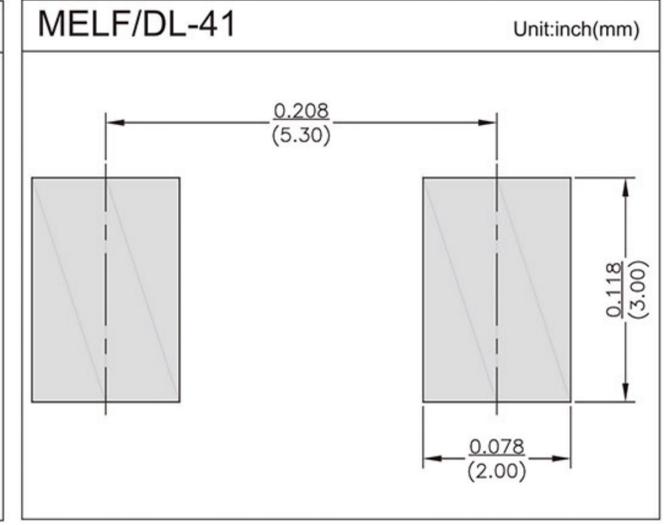
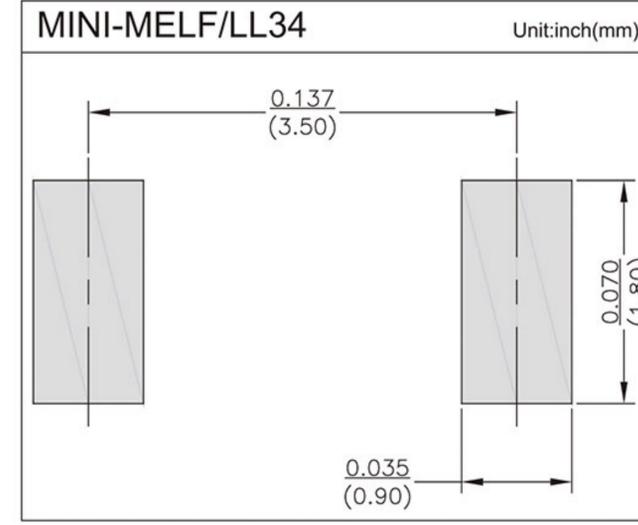
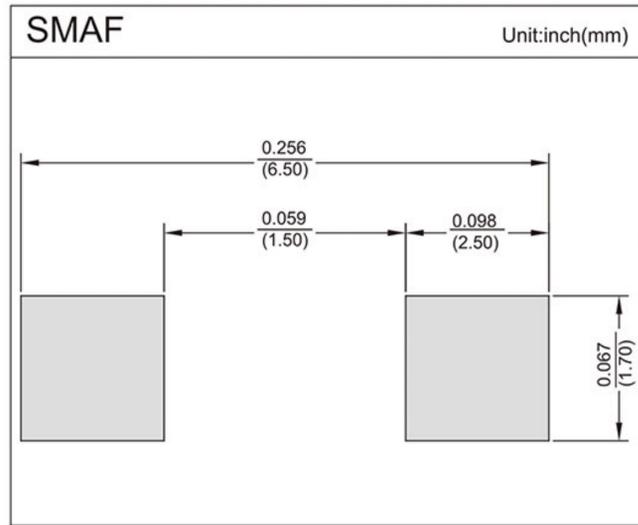
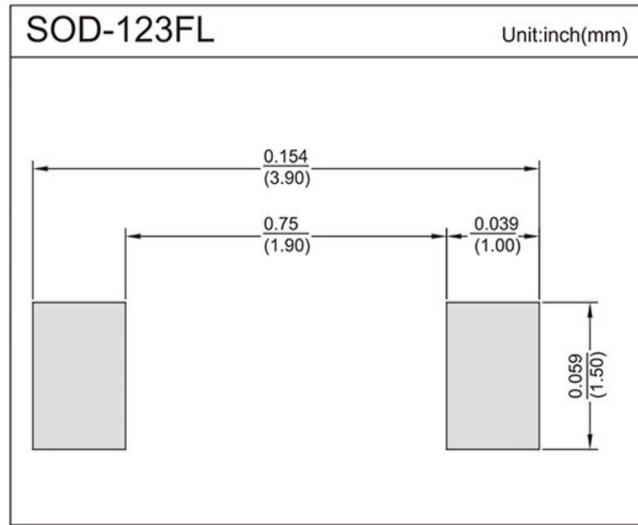


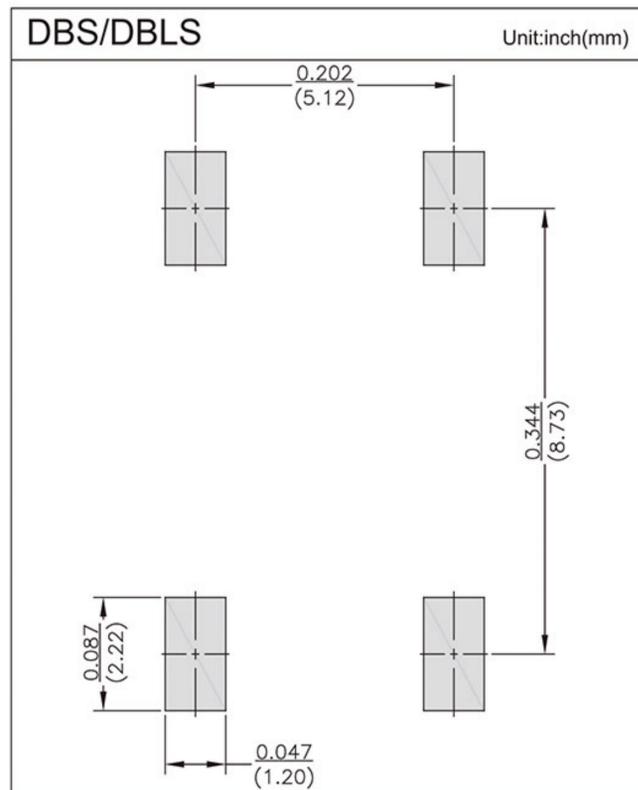
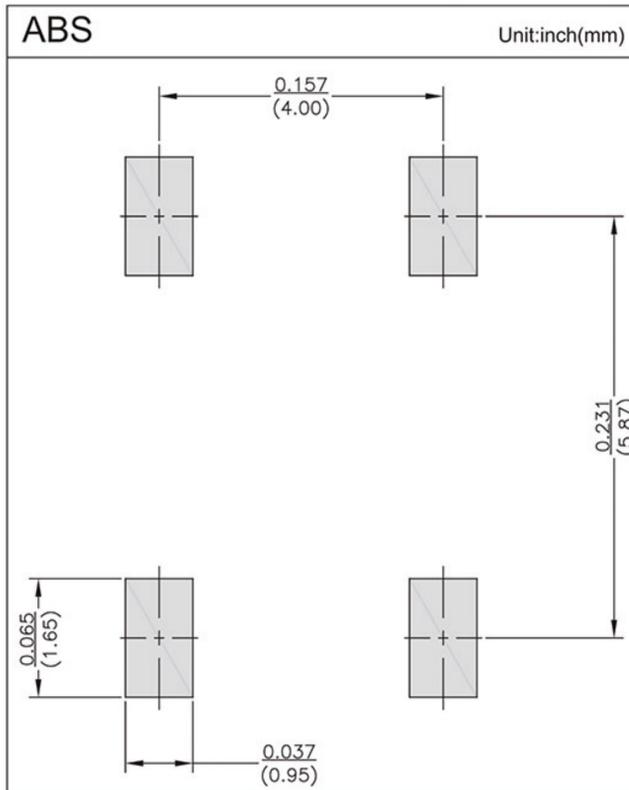
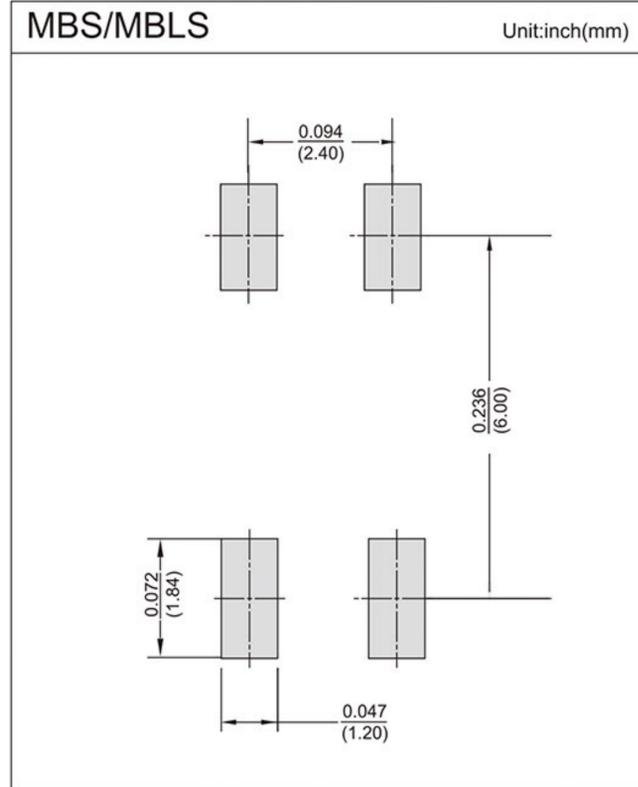
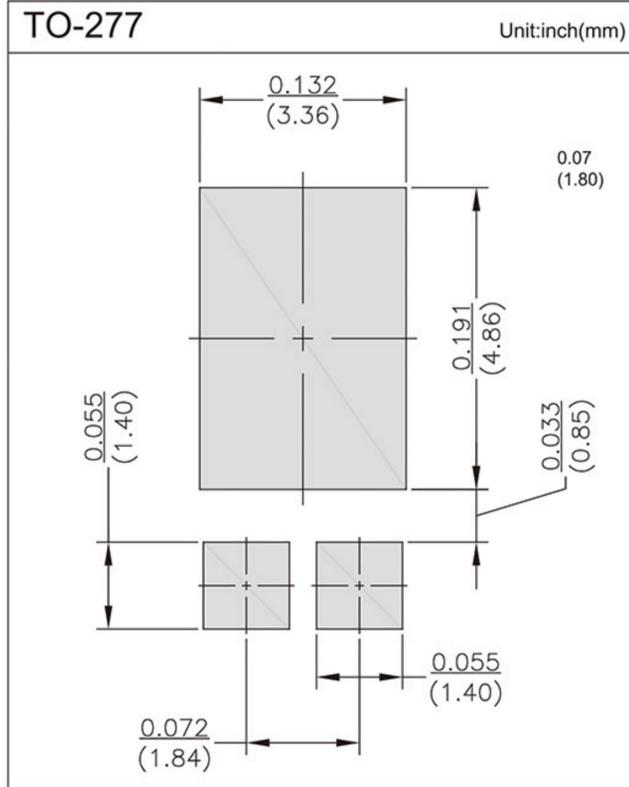




焊盘尺寸图  
SUGGESTED PAD LAYOUT







包装形态PACKING

Package No	Packing Method	PCS/ (管or卷) Tube/Reel	PCS/Box	PCS/Carton	料管尺寸(mm) Tube Size	内盒尺寸 (mm) Inner Box Size	外箱尺寸 (mm) Carton Size	单盒重量 (±0.3Kg)	Approx Gross Weight 毛重 Gross Weight
MBS	Reel Packing	2500	5000	40000	/	340*340*40	360*360*360	1.35	11.7
	Reel Packing	3000	6000	48000	/	340*340*40	360*360*360	1.46	12.7
MBLS	Reel Packing	4000	8000	64000	/	340*340*40	360*360*360	1.50	13.1
	Reel Packing	4000	8000	64000	/	340*340*40	360*360*360	1.66	14.2
ABS	Reel Packing	3000	6000	48000	/	340*340*40	360*360*360	1.47	12.7
	Tube Packing	50	2500	10000	445*12.3*10	462*130*62	475*280*155	1.80	7.8
DB	Tube Packing	50	2500	20000	445*12.3*10	450*130*65	500*280*305	1.80	15.2
	Tube Packing	50	5000	20000	445*12.4*5.45	462*130*62	475*280*155	2.96	12.8
DBS	Tube Packing	50	10000	40000	445*12.4*5.45	467*134*129	472*277*291	5.92	25.1
	Reel Packing	1500	3000	21000	/	340*340*50	360*360*360	1.96	14.7
DBS	Reel Packing	1000	2000	14000	/	340*340*50	360*360*360	1.56	11.8
	Tube Packing	50	2500	10000	445*12.3*10	462*130*62	475*280*155	1.65	7.3
DBLS	Tube Packing	50	5000	20000	445*12.4*5.45	462*130*62	475*280*155	2.62	11.2
YBS/YBS4	Reel Packing	3000	6000	42000	/	340*340*50	360*360*360	2.26	16.8
YBSL/YBSL4	Reel Packing	2500	5000	35000	/	340*340*50	360*360*360	2.95	21.7
D3K	Tube Packing	25	1500	6000	365*28.5*6.1	382*152*94	400*310*200	3.17	13.4
	Tube Packing	37	3700	7400	531*28.5*6.2	547*270*92	565*290*205	7.81	16.5
GBP	Tube Packing	35	2100	4200	531*28.5*6.2	551*147*93	570*300*110	4.65	9.9
2KBJ	Tube Packing	22	1320	5280	462*28.5*6.1	480*152*94	490*320*203	4.29	18.1
4KBJ	Tube Packing	20	1000	2000	530*41.2*7.5	540*150*135	555*310*150	6.4	13.6
6KBJ	Tube Packing	15	750	1500	475*41.2*7.5	490*145*132	505*310*150	7.23	15.4
GBU	Tube Packing	20	1000	2000	465*41*6.1	490*145*132	505*310*150	6.00	12.8
JA	Tube Packing	15	750	1500	454*35*7.2	479*123*113	500*265*137	5.25	11.0
JB	Tube Packing	20	900	1800	514*30*6.8	539*117*98	560*253*122	3.69	8.1
	Box Packing	/	500	5000	/	203*203*35	435*215*210	0.992	10.7
KBP	Tube Packing	30	1500	3000	470*37.5*6.8	490*121*116	505*315*150	4.86	10.3
	Box Packing	/	400	2400	/	237*270*53	495*280*175	3.05	18.6
KBU	Box Packing	/	500	4000	/	245*255*43	510*270*200	2.45	20.2
KBL	Box Packing	/	200	2000	/	203*203*35	445*215*260	0.585	6.4
KBPC1	Box Packing	/	200	2000	/	203*203*35	445*215*260	0.699	7.5
KBPC6	Box Packing	/	200	2000	/	2303*203*35	490*240*205	1.055	11.1
KBPC8	Box Packing	/	50	500	/	203*203*46	445*215*260	1.32	13.7
KBPC-W	Box Packing	/	50	500	/	203*203*46	445*215*260	0.87	8.7
GBPC	Box Packing	/	50	500	/	203*203*46	445*215*260	0.71	7.7
GBPC-W	Box Packing	/	50	500	/	203*203*46	445*215*260	1.13	11.8
S25VB	Box Packing	/	50	500	/	203*203*46	445*215*260	1.05	11.0
SKBPC	Box Packing	/	120	1200	/	203*203*46	445*215*260	2.13	21.8
BR-L	Box Packing	/	50	500	/	203*203*46	445*215*260	1.01	10.6
MT	Bulk Packing	/	1000	50000	/	200*85*20	460*220*265	0.32	16.1
DO-41	Ammo Packing(52mm)	/	5000	50000	/	258*71*142	395*285*320	1.58	17.0
	Ammo Packing(26mm)	/	3000	72000	/	250*45*92	425*275*325	0.8	19.7
DO-15	Bulk Packing	/	500	25000	/	200*85*20	445*215*265	0.22	11.6
	Ammo Packing(52mm)	/	3000	30000	/	258*71*142	395*285*320	1.28	14.7

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可靠性试验项目列表  
 High Reliability Test Items

**包装形态Packing**

Package No	Packing Method	PCS/ (管or卷) Tube/Reel	PCS/Box	PCS/Carton	料管尺寸(mm) Tube Size	内盒尺寸 (mm) Inner Box Size	外箱尺寸 (mm) Carton Size	单盒重量 (±0.3Kg)	Approx Gross Weight 毛重 Gross Weight
DO-201AD	Bulk Packing	/	250	12500	/	200*85*20	445*215*265	0.31	15.6
	Ammo Packing(52mm)	/	1250	12500	/	258*71*134	410*290*305	1.54	16.5
DO-201AE	Bulk Packing	/	500	25000	/	200*85*20	445*215*265	0.28	14.2
	Ammo Packing(52mm)	/	3000	30000	/	258*71*134	410*290*305	1.4	15.2
R-6	Bulk Packing	/	100	5000	/	200*85*20	445*215*265	0.22	13.1
	Ammo Packing(52mm)	/	500	5000	/	258*71*150	380*270*335	1.08	12.8
R-6	Bulk Packing	/	100	5000	/	193*83*20	445*215*250	0.24	25.5
	Ammo (Box) Packing	/	500	5000	/	258*79*147	420*275*315	1.12	12.0
	Ammo (Reel) Packing	/	750	3000	/	/	360*360*345	2.1	10.1
DO-35	Box Packing	/	10000	100000	/	240*100*100	410*350*275	1.5	16
	Ammo Packing	/	5000	100000	/	255*80*80	410*275*340	0.8	17
MINIMELF	Reel Packing	2500	25000	200000	/	125*180*185	270*390*400	1.4	12.7
MELF	Reel Packing	5000	10000	80000	/	336*336*46	360*360*360	2.1	17.5
SOD-123	Reel Packing	3000	30000	120000	/	210*210*215	440*440*230	1.48	7.0
SOD-323	Reel Packing	3000	30000	120000	/	210*210*215	440*440*230	1.28	6.2
SOD-523	Reel Packing	8000	80000	320000	/	210*210*215	440*440*230	-	-
SOT-23	Reel Packing	3000	30000	120000	/	210*210*215	440*440*230	1.48	7.0
SOD-123FL	Reel Packing(7")	3000	15000	120000	/	190*190*69	400*220*300	0.671	5.9
	Reel Packing(13")	10000	30000	210000	/	338*338*38	360*360*360	1.322	9.7
SMA	Reel Packing(7")	2000	8000	64000	/	190*190*69	400*220*300	0.89	7.6
	Reel Packing(13")	5000	10000	80000	/	338*338*38	360*360*360	1.37	11.7
SMA-W	Reel Packing	5000	10000	80000	/	340*340*40	360*360*360	1.43	12.8
SMAF	Reel Packing(7")	3000	12000	96000	/	190*190*69	400*220*300	0.885	7.9
	Reel Packing(13")	7500	15000	120000	/	338*338*38	360*360*360	1.606	14.3
SMB	Reel Packing(7")	750	3000	24000	/	190*190*69	400*220*300	0.692	6.1
	Reel Packing(13")	3000	6000	48000	/	338*338*38	360*360*360	1.347	12.0
SMC	Reel Packing	3000	6000	42000	/	337*337*48	360*360*360	1.53	12.4
TO-277	Reel Packing	5000	10000	80000	/	340*340*40	360*360*360	1.4	12.0
TO-220AB	Tube Packing	50	1000	5000	535*31.9*6.4	550*155*38	570*210*175	2.75	14.3
TO-220AC	Tube Packing	50	1000	5000	535*31.9*6.4	550*155*38	570*210*175	2.69	14.0
ITO-220AB	Tube Packing	50	1000	5000	535*31.9*6.4	550*155*38	570*210*175	2.33	12.2
ITO-220AC	Tube Packing	50	1000	5000	535*31.9*6.4	550*155*38	570*210*175	2.27	11.9
TO-263	Reel Packing	1000	2000	10000	530*31.9*6.5	400*390*70	430*410*375	3.23	21.4
	Tube Packing	50	2000	8000	530*31.9*6.5	545*145*87	575*330*210	4.39	18.8

序号	Test Item 试验项目	Condition 试验条件	Reference 参考标准
1	高温反偏 (High Temperature Reverse Bias)	开关管: 150±5°C, 80%VR; 1000H GPP/TVS: 150±5°C, 80%VR; 1000H 白胶管: 100°C±5°C, 80%VR; 500H SKY: 条件见附录8.3, 500H	JESD22-A108
2	温度循环试验 (Temperature Cycling)	150°C (+15, -0) /25min, -55°C (+0, -10) /25min, 1000Cycles	JESD22-A104
3	正向浪涌试验 (Forward Surge Test)	8.3ms, 单项, 半波	MIL-STD-750 Method 4066
4	电耐久性 (Operating Lift Test)	25°C±5°C, 100% IO, 500/1000H	MIL-STD-750 Method 1037
5	间歇老化 (Intermittent Operational Life)	ΔTj ≥ 100°C, 7500/15000Cycles	MIL-STD-750 Method 1037
6	高温储存 (High Temperature Storage)	150°C (+10, -0), 1000H	JESD22-A103
7	低温储存 (Low Temperature storage)	-55°C, 1000H	客户标准
8	温升	TA = 75°C	IEC61215: 2005
9	高压蒸煮 (Auto-clave)	121°C±5°C, 15 psig, 48/96H	JESD22-A102
10	高温高湿 (High-temperature High-humidity storage test)	85±2°C, 85±5%; 1000H	MIL-STD-202F METHOD-103B
11	易焊性试验 (Solderability)	235°C±5°C, 3S	J-STD-002
12	VC能力	按内控标准VC测试条件	产品规格书
13	耐焊接热 (Resistance to solder heat)	轴向: 270±5°C, 7S(+2, -0) SMD: 260°C(+5, -0), 10S	JESD22-B106
14	弯曲牢度 (Bending Strength)	φ 0.6mm/0.78mm W=0.5Kg φ 1.27mm W=2Kg	90±5度, 3次 MIL-STD-750 Method 2036
15	终端牢度 (Terminal Strength)	φ 0.6mm/φ 0.78mm W=1Kg, 15S φ 1.27mm W=3Kg, 15S	MIL-STD-750 Method 2036
16	静电测试 (ESD)	HBM: 100pF, 1500Ω, 2KV MM: 200pF, 0Ω, 200V	1Cycles AEC-Q101-001/002
17	高温高湿反偏 (High-temperature High-humidity Reverse Bias)	85±2°C, 85%±2%RH, 80%VR GPP/开关管/TVS管: 1000H SKY: 500H 白胶管: 4H	JESD22-A101

