



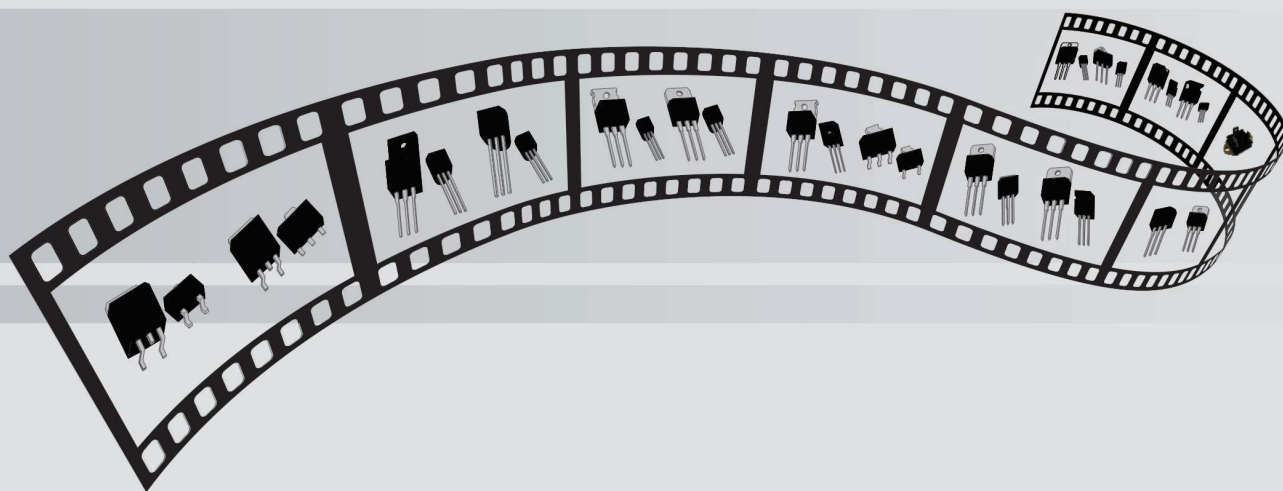
Since 1995

专业半导体器件制造商
Professional manufacturer of semiconductor devices

选型手册

Product Guide 2021V1.0

股票代码: 300623
Stock Code



可控硅/电力电子可控硅模块
Thyristor/STD Module

Introduction 简介

江苏捷捷微电子股份有限公司（股票代码：300623）创建于1995年，是一家从事功率半导体器件研发、制造和销售的江苏省高新技术企业、江苏省创新型企业。同时也是生产“方片式”单、双向可控硅较早及品种较多的厂家之一。

公司建有“江苏省企业技术中心”、“江苏省工程技术研究中心”，具有自主研发能力和自主知识产权，具有自己的产品结构特点和独特的工艺技术。同时“捷捷”牌产品被评为江苏省著名商标、江苏省名牌产品。“捷捷”牌产品在家用电器、漏电断路器等民用领域；无功补偿装置、电力模块等工业领域；通讯网络、IT产品、汽车电子的防雷击和防静电保护等领域得到广泛的应用。

公司先后通过ISO9001质量管理体系、ISO14001环境管理体系、OHSAS18001职业健康安全体系、QC080000有害物质过程管理体系认证、ISO/TS16949管理体系认证。产品符合UL电气绝缘性要求、RoHS和Reach要求，可响应客户的无卤等其他环保要求。

公司拥有两条功率半导体器件芯片生产线、三条功率半导体器件封装生产线、两条产品检测线和产品可靠性实验室：

1、可控硅器件芯片、三极管芯片生产线，主导产品：（0.5~110）A/600~1600V双向可控硅（TRIACs）、（0.5~250）A/600~2000V单向可控硅（SCRs）等，功率型开关晶体管、达林顿晶体管等；

2、防护器件芯片、二极管芯片生产线，主导产品：半导体放电管（TSS）、高压触发二极管（SIDAC）、瞬态电压抑制二极管（TVS）、防静电二极管（ESD）等各类防护器件，快恢复二极管、高压整流二极管等；

3、三极体器件封装生产和检测线，器件封装形式：TO-92、SOT-23-3L、SOT-89、SOT-223、iPAK、DPAK、i2PAK、D2PAK、TO-220A insulated、TO-220B、TO-220C、TO-220F、TO-247 Super、TO-P3 insulated、ITO-247 insulated、TO-247J等；

4、二极体器件封装生产和检测线，器件封装形式：SMA、SMB、SMC、AKS、TPS、DO-218AB、R6、SOD123、SOD323、SOD523、TO-247-2L等；

5、模组生产线，封装外形：TG-C、M0、T1、T2、DBC组件、CELL组件、模块组件等；

6、可靠性实验室：引出端强度（TS）、可焊性（SD）、耐焊接热（RSH）、预处理（PC）、温度循环（TC）、高温反偏（HTRB）、高温高湿反偏（H3TRB）、高加速耐湿及偏压（HAST）、高压蒸煮（PC）、高温贮存（HTS）、破坏性物理分析（DPA）、静电放电（ESD）等试验。同时具备群脉冲测试、10ms/20ms正弦波浪涌测试、10/1000us浪涌测试、10/700us浪涌测试、8/20us浪涌测试、1.2/50us浪涌测试、汽车抛负载测试（P5a&P5b）、dv/dt测试、di/dt测试、LCR测试、超声扫描、X-RAY等。

企业价值观：诚信、务实、创新、共赢。

Founded in 1995, **Jiangsu JieJie Microelectronics Co., Ltd** (Stock Code: 300623) is a high-tech and innovative enterprise mainly specialized in designing, manufacturing and marketing semiconductor discrete components and power electronic devices. We're the first company to produce "square" type SCR & TRICA products and have most extensive production lines in China.

Since the company established, we have "Jiangsu Enterprise Technology Center", "Jiangsu Engineering Technology Research Center", together with independent R&D ability as well as intellectual property right, "JieJie" brand has been remarked as Jiangsu well-known trademark and famous-brand products. Moreover, "JieJie" products have its own structural features and unique artistic technology, which have been widely and extensively applied in Civic fields(Home Appliance, Leakage Circuit Breaker etc); Industrial fields(Reactive Power Compensation Devices, Power Modules etc); Lightning protection & electrostatic protection fields(Telecom, IT, Automotive etc).

We are certificated with ISO 9001, ISO 14001, HSAS18001, QCO80000 as well as TSO\TS16949.

Furthermore, our products comply with the standards of UL, RoHS , REACH and also can meet the customer's special halogen-free and other environmental protection requirements.

We currently have two wafer fabrication lines, three semiconductor assemble lines, two testing lines and Reliability Laboratory:

1. Thyristor and Triode wafer fabrication lines, main products: (0.5~110)A\600-1600V TRICAs, (0.5-250)A\600-2000V SCRs etc.

2. Protection devices and Diode wafer fabrication lines, main products: Various types of protective devices, fast recovery diodes, high voltage rectifier diodes. TSS, SIDAC, TVS, ESD etc.

3. Triode devices assemble & testing lines, package types:

TO-92, SOT-23-3L, SOT-89, SOT-223, iPAK, DPAK, i2PAK, D2PAK, TO-220A insulated, TO-220B, TO-220C, TO-220F, TO-247 Super, TO-P3 insulated, ITO-247 insulated, TO-247J etc.

4. Diode devices assemble & testing lines, package types:

SMA, SMB, SMC, AKS, TPS, DO-218AB, R6, SOD123, SOD323, SOD523 , TO-247-2L etc.

5. Module production lines, packages types:

TG-C, M0, T1, T2, DBC, CELL, MODULE etc.

6. Reliability Laboratory : TS, SD, RSH, PC, TC, HTRB,

H³TRB, HAST, PC, HTS, DPA, ESD and other test abilities. It also provides: Group Pulse test, 10ms/20ms Sine Surge test, 10/1000us test, 10/700us Surge test, 8/20us Surge test, 1.2/50us Surge test, vehicle load test(P5a&P5b), dv/dt test, di/dt test, LCR test, Ultrasonic scanning, X-Ray and so on.

Enterprise Values: Integrity, Pragmatism, Innovation, Win-win.

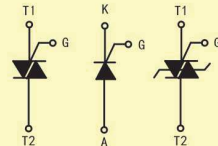
——地理位置 Geographical position



Certification 认证证书



Product application 产品应用



多士炉
咖啡机
即热式电热水器
洗衣机
电风扇
吸尘器
豆浆机
摩托车点火器
煤气点火器
负离子发生器
点钞机
灯光控制
漏电断路器
节能灯保护
电力模块
无功补偿
固态继电器

Toasters
Coffee maker
Instant water heater
Washing machine
Fan
Vacuum cleaner
Soymilk maker
Motorcycle igniter
Gas igniter
Negative ion generator
Cash register
Light control
RCCB/MCCB
CFL electronic ballast
Power Module
Reactive Power Compensation
Solid state relay

程控交换机 SPC exchange

通讯设备 Communication equipment
安防设备 Security system
电话机 Telephone
传真机 Fax
LED LED



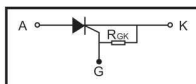
可控硅 Thyristor

05	门极带阻灵敏型单向可控硅 Embedded Resistor Sensitive Gate SCRs
06	门极灵敏型单向可控硅 Sensitive Gate SCRs
07/09	标准型单向可控硅 Standard SCRs
10/16	三象限双向可控硅 3-Quadrant TRIACs
17/23	四象限双向可控硅 4-Quadrant TRIACs
24/27	高结温双向可控硅 High Temperature Junction TRIACs
28/31	瞬态抑制型双向可控硅 AC Switches
32	洗衣机专用双向可控硅 Specially TRIACs for Washing Machine
33	电力电子可控硅模块组件 SCR Module

◆ 门极带阻灵敏型单向可控硅

Embedded Resistor Sensitive Gate SCRs

V

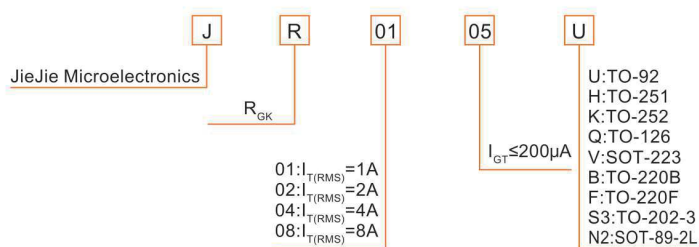


特点

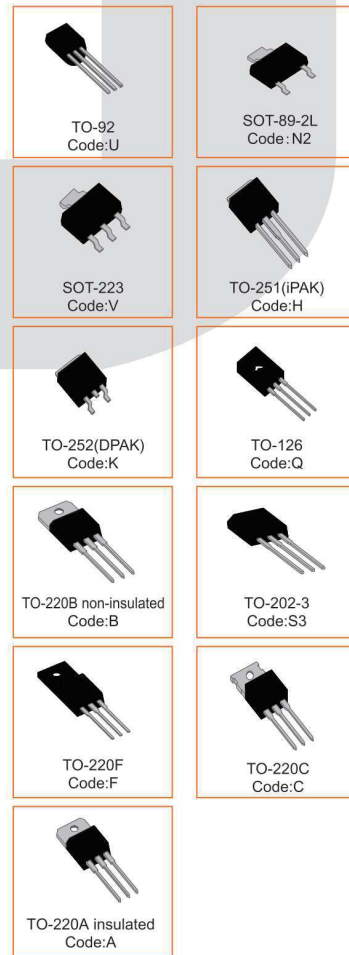
- 1、专利产品(技术): 门极与阴极之间拥有并联电阻;
- 2、结温T_j: -40 ~ 125℃;
- 3、开通时间快、I_{GT}等参数随温度变化率小等性能;
- 4、较好的用于直发器、点火器、负离子发生器等领域。

Features:

1. Patented technology product: With the parallel resistor between Gate and Cathode.
2. Junction temperature (T_j): -40 ~ 125℃
3. Short Ton time, parameters like I_{GT} with performance of low change rate etc. under the temperature variation condition.
- 4 Especially recommended for use on hair straightener, igniter, anion generator, etc.



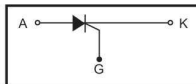
捷捷型号 JJ Part	方均根电流 I _{T(RMS)} (A)	浪涌电流 I _{TSM} (A)	断态重复峰值电压 V _{DRM} /V _{RRM} (V)	触发电流 I _{GT} (mA)	封装外形 Package
JR0105U	1	10	600	0.2	TO-92
JR0105V	1	10	600	0.2	SOT-223
JR0105N2	1	10	600	0.2	SOT-89-2L
JR0205N2	2	20	600	0.2	SOT-89-2L
JR0205V	2	20	600	0.2	SOT-223
JR0205U	2	20	600	0.2	TO-92
JR0205H	2	20	600	0.2	TO-251
JR0205K	2	20	600	0.2	TO-252
JR0205Q	2	20	600	0.2	TO-126
JR0405V	2	25	600	0.2	SOT-223
JR0405H	4	30	600	0.2	TO-251
JR0405K	4	30	600	0.2	TO-252
JR0405B	4	30	600	0.2	TO-220B
JR0405C	4	30	600	0.2	TO-220C
JR0405Q	4	30	600	0.2	TO-126
JR0405S3	4	30	600	0.2	TO-202-3
JR0805H	8	80	600	0.2	TO-251
JR0805K	8	80	600	0.2	TO-252
JR0805A	8	80	600	0.2	TO-220A
JR0805B	8	80	600	0.2	TO-220B
JR0805F	8	80	600	0.2	TO-220F



◆ 门极灵敏型单向可控硅

Sensitive Gate SCRs

V

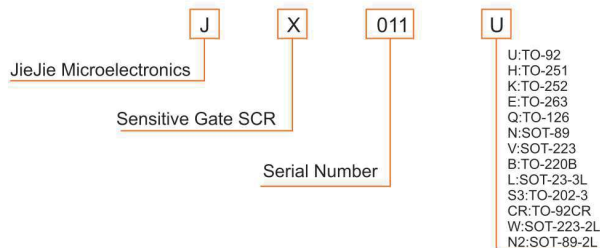


特点

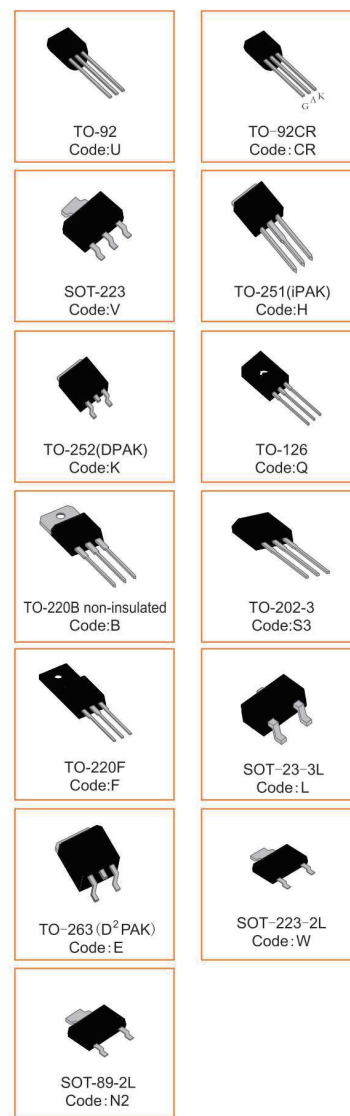
- 1、结温 T_j : $-40 \sim 125^{\circ}\text{C}$;
- 2、拥有较高的 dv/dt 能力, 抗电磁干扰能力强;
- 3、较好的用于漏电断路器、直发器、点火器领域

Features:

1. Junction temperature (T_j): $-40 \sim 125^{\circ}\text{C}$.
- 2 High dv/dt rate with strong resistance to electromagnetic interference.
- 3 Especially recommended for use on residual current circuit breaker, hair straightener, igniter etc.



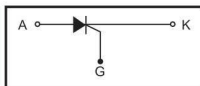
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	浪涌电流 I_{TSM} (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JX006U			0.5	6	600	0.2	TO-92
JX007U	P0102DA P0102MA P0109DA P0111DA	BT149G BT169G	0.8	8	600	0.2	TO-92
JX007L	P0102AL P0102BL P0109AL		0.8	8	600	0.2	SOT-23-3L
JX007V	P0102DN P0102MN P0111MN X00619MN	EC103D1W	0.8	8	600	0.2	SOT-223
JX008U	P0102DA P0109DA P0111MA P0118MA X00602MA XL0840	BT149G BT169G BT168G	0.8	8	600	0.2	TO-92
JX008L	P0102BL		0.8	8	600	0.2	SOT-23-3L
JX008N2			0.8	8	600	0.2	SOT-89-2L
JX008V	P0102DN P0102MN P0111MN		0.8	8	600	0.2	SOT-223
JX011U	X0202NA X0205NA		1	12	800	0.2	TO-92
JX011N2			1	12	800	0.2	SOT-89-2L
JX011W			1	12	800	0.2	SOT-223-2L
JX011V	X0202NN X0205NN	BT168GW BT148W-600R	1	12	800	0.2	SOT-223
JX012N2			1	15	1000	0.2	SOT-89-2L
JX012V			1	15	1000	0.2	SOT-223
JX017N2			1	12	1800	0.2	SOT-89-2L
JX017W			1	12	1800	0.2	SOT-223-2L
JX014CR	TS110-8A1 TS110-7A1		1.25	20	1000	0.2	TO-92CR
JX014V			1.25	20	1000	0.2	SOT-223
JX014W			1.25	20	1000	0.2	SOT-223-2L
JX020U	X0202MA		2	20	600	0.2	TO-92
JX020Q			2	20	600	0.2	TO-126
JX020H			2	20	600	0.2	TO-251
JX020K			2	20	600	0.2	TO-252
JX020N2			2	20	600	0.2	SOT-89-2L
JX020V	X0202MN		2	20	600	0.2	SOT-223
JX040V			2	25	600	0.2	SOT-223
JX040H	TS420-600H		4	40	600	0.2	TO-251
JX040K	TS420-600B	BT150S-600R	4	40	600	0.2	TO-252
JX040Q		BT148-400R BT148-500R BT148-600R	4	40	600	0.2	TO-126
JX040B	TS420-600T		4	40	600	0.2	TO-220B
JX040S3	X0402MF X0405MF		4	40	600	0.2	TO-202-3
JX016K			6	55	1600	0.2	TO-252
JX075F		BT258X-800R	12	110	1000	0.2	TO-220F
JX075B	TS1220-600T		12	110	1000	0.2	TO-220B
JX075E			12	110	1000	0.2	TO-263
JX075K	TS1220-600B		12	110	1000	0.2	TO-252
JX075H	TS1220-601B		12	110	1000	0.2	TO-251



◆ 标准型单向可控硅

Standard SCRs

V

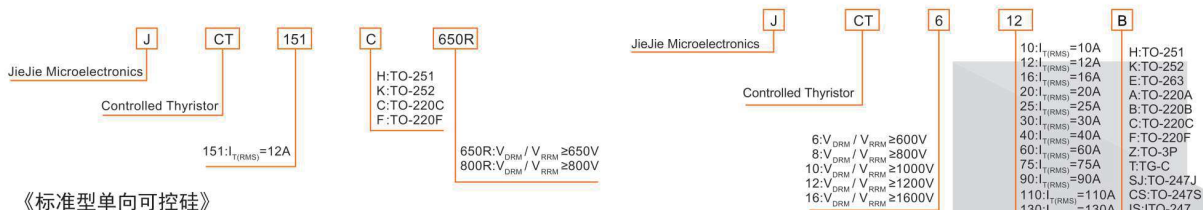


特点

- 1、结温 T_J : $-40 \sim 125/150^\circ\text{C}$;
- 2、拥有较高的dv/dt能力, 抗电磁干扰能力强;
- 3、耐电流冲击能力强;
- 4、用途: 摩托车、固态继电器、充电器、电动工具。

Features:

- 1 Junction temperature (T_J): $-40 \sim 125/150^\circ\text{C}$.
- 2 High dv/dt rate with preferable ability for EMC.
- 3 High current shock resistance ability.
- 4 Especially recommended for use on motorcycle, solid state relay, power charger, E-tools etc.



表一 《标准型单向可控硅》

Table 1 Standard SCRs

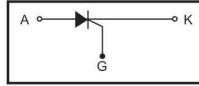
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	浪涌电流 I_{TSM} (A)	断态重复峰值电压 V_{DRM} / V_{RRM} (V)	触发电流 I_{GT} (mA)	结温 T_J ($^\circ\text{C}$)	封装外形 Package
JCT1008K-I			8	85	1000	15	125	TO-252
JCT151F-650R		BT151X-500R BT151X-650R	12	120	650	15	125	TO-220F
JCT151H-650R		BT151U-500C BT151U-650C	12	120	650	15	125	TO-251
JCT151K-650R		BT151S-500R BT151S-650R	12	120	650	15	125	TO-252
JCT151B-650R			12	120	650	15	125	TO-220B
JCT151C-650R		BT151-500R BT151-650R BT151-650C	12	120	650	15	125	TO-220C
JCT151E-650R			12	120	650	15	125	TO-263
JCT151A-650R			12	120	650	15	125	TO-220A
JCT151H-800R		BT151U-800C	12	120	800	15	125	TO-251
JCT151K-800R	TN1215-800B	BT151S-800R	12	120	800	15	125	TO-252
JCT151B-800R			12	120	800	15	125	TO-220B
JCT151C-800R		BT151-800R BT151-800C	12	120	800	15	125	TO-220C
JCT151F-800R		BT151X-800R BT151X-800C	12	120	800	15	125	TO-220F
JCT151E-800R			12	120	800	15	125	TO-263
JCT151A-800R			12	120	800	15	125	TO-220A
JCT610H			10	120	600	10	125	TO-251
JCT610K			10	120	600	10	125	TO-252
JCT610A			10	120	600	10	125	TO-220A
JCT610B	TYN610RG		10	120	600	10	125	TO-220B
JCT610F			10	120	600	10	125	TO-220F
JCT810H			10	120	800	10	125	TO-251
JCT810K			10	120	800	10	125	TO-252
JCT810A			10	120	800	10	125	TO-220A
JCT810B	TYN810RG		10	120	800	10	125	TO-220B
JCT810F			10	120	800	10	125	TO-220F
JCT612TA			12	140	600	5	125	TO-220A
JCT612TB	TYN612TRG TYN612MRG		12	140	600	5	125	TO-220B
JCT612TF	TYN612MFP		12	140	600	5	125	TO-220F
JCT812TA			12	140	800	5	125	TO-220A
JCT812TB	TYN812TRG		12	140	800	5	125	TO-220B
JCT812TF			12	140	800	5	125	TO-220F
JCT612H	TN1215-600H		12	140	600	15	125	TO-251
JCT612K	TN1215-600B		12	140	600	15	125	TO-252
JCT612A			12	140	600	15	125	TO-220A
JCT612B	TYN612RG		12	140	600	15	125	TO-220B
JCT612F			12	140	600	15	125	TO-220F
JCT612E	TN1215-600G		12	140	600	15	125	TO-263
JCT812H	TN1215-800H		12	140	800	15	125	TO-251
JCT812K	TN1215-800B-TR		12	140	800	15	125	TO-252
JCT812A			12	140	800	15	125	TO-220A
JCT812B	TYN812RG		12	140	800	15	125	TO-220B
JCT812F		BT151X-800R BT151X-800C	12	140	800	15	125	TO-220F



◆ 标准型单向可控硅

Standard SCRs

V



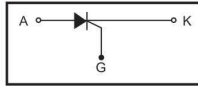
表二 《标准型单向可控硅》
Table 2 Standard SCRs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	浪涌电流 I_{TSM} (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	结温 T_J (°C)	封装外形 Package
JCT812E	TN1215-800G-TR		12	140	800	15	125	TO-263
JCT616H			16	180	600	15	125	TO-251
JCT616K			16	180	600	15	125	TO-252
JCT616A			16	180	600	15	125	TO-220A
JCT616B			16	180	600	15	125	TO-220B
JCT616C			16	180	600	15	125	TO-220C
JCT616F		TYN16X-600CT TYN16X-600RT	16	180	600	15	150	TO-220F
JCT616E	TN1625-600G		16	180	600	15	125	TO-263
JCT816H			16	180	800	15	125	TO-251
JCT816K			16	180	800	15	125	TO-252
JCT816A			16	180	800	15	125	TO-220A
JCT816B	TYN816	TYN16-800RT	16	180	800	15	150	TO-220B
JCT816C			16	180	800	15	125	TO-220C
JCT816F		TYN16X-800RT	16	180	800	15	150	TO-220F
JCT816E			16	180	800	15	125	TO-263
JCT620A			20	250	600	25	125	TO-220A
JCT620B		BT152-600R BT152-500RT	20	250	600	25	150	TO-220B
JCT620F		BT152X-600R	20	250	600	25	125	TO-220F
JCT620E		BT152B-600R	20	250	600	25	125	TO-263
JCT820A			20	250	800	25	125	TO-220A
JCT820B		BT152-800R	20	250	800	25	125	TO-220B
JCT820F		BT152X-800R TYN20X-800T	20	250	800	25	150	TO-220F
JCT820E		BT152B-800R	20	250	800	25	125	TO-263
JCT625E	TN2540-600G		25	300	600	40	125	TO-263
JCT625A	TXN625RG		25	300	600	40	125	TO-220A
JCT625B	TYN625RG		25	300	600	40	125	TO-220B
JCT625C			25	300	600	40	125	TO-220C
JCT625F			25	300	600	40	125	TO-220F
JCT825E	TN2540-800G-TR		25	300	800	40	125	TO-263
JCT825A	TXN825RG		25	300	800	40	125	TO-220A
JCT825B	TYN825RG		25	300	800	40	125	TO-220B
JCT825C		BT145-800R	25	300	800	40	125	TO-220C
JCT825F		BT145X-800R	25	300	800	40	125	TO-220F
JCT1025E			25	300	1000	40	125	TO-263
JCT1025A			25	300	1000	40	125	TO-220A
JCT1025B			25	300	1000	40	125	TO-220B
JCT1025C			25	300	1000	40	125	TO-220C
JCT1025F			25	300	1000	40	125	TO-220F
JCT1225E	TN2540-12G		25	300	1200	40	125	TO-263
JCT1225A			25	300	1200	40	125	TO-220A
JCT1225B	TYN1225		25	300	1200	40	125	TO-220B
JCT1225C			25	300	1200	40	125	TO-220C
JCT1225F			25	300	1200	40	125	TO-220F
JCT1625A			25	250	1600	35	125	TO-220A
JCT1625B			25	250	1600	35	125	TO-220B
JCT1625F			25	250	1600	35	125	TO-220F
JCT631E			30	330	600	15	125	TO-263
JCT631A			30	330	600	15	125	TO-220A
JCT631B			30	330	600	15	125	TO-220B
JCT631F			30	330	600	15	125	TO-220F
JCT831E			30	330	800	15	125	TO-263
JCT831A			30	330	800	15	125	TO-220A
JCT831B			30	330	800	15	125	TO-220B
JCT831F			30	330	800	15	125	TO-220F
JCT1231A			30	330	1200	35	125	TO-220A
JCT1231B			30	330	1200	35	125	TO-220B
JCT1231Z			30	330	1200	35	125	TO-3P
JCT1631A			30	330	1600	35	125	TO-220A
JCT1631B			30	330	1600	35	125	TO-220B
JCT1631Z			30	330	1600	35	125	TO-3P
JCT640E			40	460	600	35	125	TO-263
JCT640A			40	460	600	35	125	TO-220A



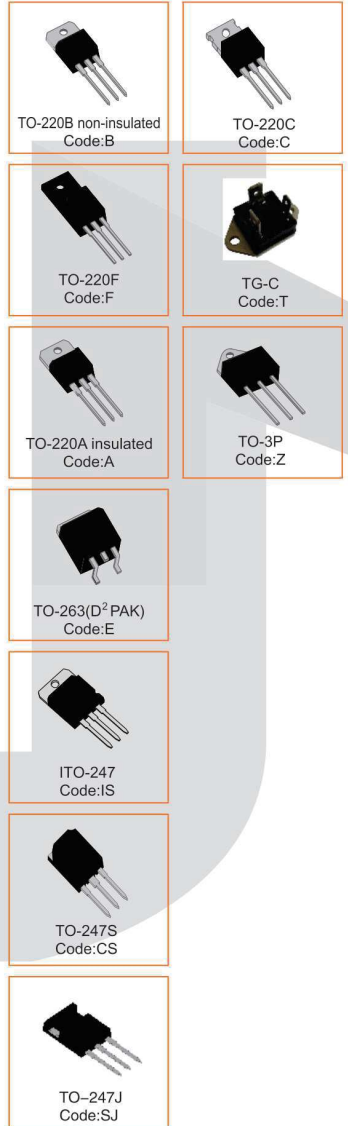
◆ 标准型单向可控硅
Standard SCRs

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表三 《标准型单向可控硅》
Table 3 Standard SCRs

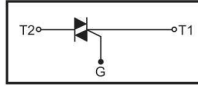
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	浪涌电流 I_{TSM} (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	结温 T_J (°C)	封装外形 Package
JCT640B	TYN640RG		40	460	600	35	125	TO-220B
JCT640C			40	460	600	35	125	TO-220C
JCT640F			40	460	600	35	125	TO-220F
JCT640Z			40	460	600	35	125	TO-3P
JCT840E			40	460	800	35	125	TO-263
JCT840A			40	460	800	35	125	TO-220A
JCT840B	TYN840RG		40	460	800	35	125	TO-220B
JCT840C			40	460	800	35	125	TO-220C
JCT840F			40	460	800	35	125	TO-220F
JCT840Z			40	460	800	35	125	TO-3P
JCT1240A			40	460	1200	35	125	TO-220A
JCT1240B			40	460	1200	35	125	TO-220B
JCT1240Z	TN4050-12PI		40	460	1200	35	125	TO-3P
JCT1240SJ	TN4050-12WL		40	460	1200	35	125	TO-247J
JCT1640A			40	460	1600	35	125	TO-220A
JCT1640Z			40	460	1600	35	125	TO-3P
JCT1640SJ			40	460	1600	35	125	TO-247J
JCT655T	BTW67-600		55	520	600	10 - 50	125	TG-C
JCT655Z	BTW69-600		55	520	600	10 - 50	125	TO-3P
JCT655SJ			55	520	600	10 - 50	125	TO-247J
JCT655CS			55	520	600	10 - 50	125	TO-247S
JCT855T	BTW67-800		55	520	800	10 - 50	125	TG-C
JCT855Z	BTW69-800		55	520	800	10 - 50	125	TO-3P
JCT855SJ			55	520	800	10 - 50	125	TO-247J
JCT855CS			55	520	800	10 - 50	125	TO-247S
JCT1055Z			55	520	1000	10 - 50	125	TO-3P
JCT1055SJ			55	520	1000	10 - 50	125	TO-247J
JCT1055CS			55	520	1000	10 - 50	125	TO-247S
JCT1055T			55	520	1000	10 - 50	125	TG-C
JCT1255Z	BTW69-1200		55	520	1200	10 - 50	125	TO-3P
JCT1255SJ			55	520	1200	10 - 50	125	TO-247J
JCT1255CS			55	520	1200	10 - 50	125	TO-247S
JCT1255T			55	520	1200	10 - 50	125	TG-C
JCT1655Z			55	550	1600	20 - 70	125	TO-3P
JCT1655SJ			55	550	1600	20 - 70	125	TO-247J
JCT1275Z	TN6050-12PI		75	800	1200	20 - 70	125	TO-3P
JCT1275SJ	TN6050-12WL		75	800	1200	20 - 70	125	TO-247J
JCT1275CS			75	800	1200	20 - 70	125	TO-247S
JCT1275IS			75	800	1200	20 - 70	125	ITO-247
JCT1675T			75	750	1600	20 - 70	125	TG-C
JCT1675CS			75	750	1600	10 - 80	125	TO-247S
JCT1675IS			75	750	1600	10 - 80	125	ITO-247
JCT1690CS			90	1250	1600	10 - 80	125	TO-247S
JCT1690IS			90	1250	1600	10 - 80	125	ITO-247
JCT12110IS			110	1300	1200	10 - 80	125	ITO-247
JCT16110IS			110	1300	1600	10 - 80	125	ITO-247
JCT16130IS			130	1800	1600	10 - 80	125	ITO-247



◆ 三象限双向可控硅

3-Quadrants TRIACs

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特点

- 1、结温 T_j : $-40 \sim 125^{\circ}\text{C}$;
- 2、拥有较高的 dv/dt 能力, 抗电磁干扰能力强
- 3、可以承受较大电流的冲击;
- 4、3 Quadrants 产品较好的用于电感型负载。

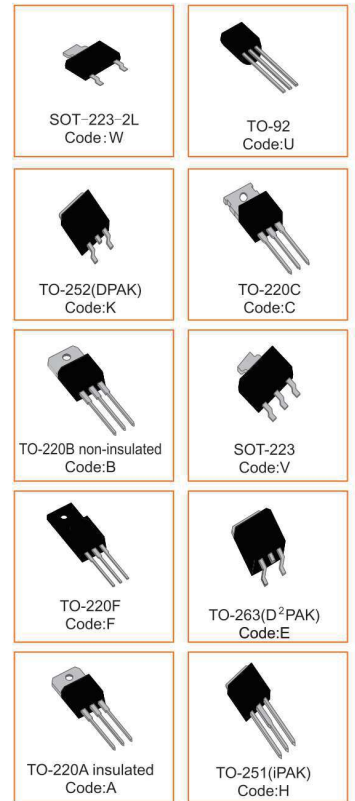
Features:

- 1 Junction temperature (T_j): $-40 \sim 125^{\circ}\text{C}$.
- 2 High dv/dt rate with strong resistance to electromagnetic interference.
- 3 With high ability to withstand the shock of large current.
- 4 With high commutation performances, 3 Quadrants products especially recommended for use on inductive load.

表一 《三象限双向可控硅》
Table 1 3-Quadrants TRIACs

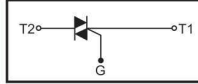
J	ST	08	A	600	CW
JieJie Microelectronics					
Switch Thyristor					
04:1 _{pin}	4A				
06:1 _{pin}	6A				
12:1 _{pin}	12A				
16:1 _{pin}	16A				
20:1 _{pin}	20A				
23/24/25/26:1 _{pin}	25A				
40/41:1 _{pin}	40A				
55:1 _{pin}	55A				
60:1 _{pin}	60A				
80:1 _{pin}	80A				
100:1 _{pin}	100A				
H:TO-251					
K:TO-252					
A:TO-220A					
B:TO-220B					
C:TO-220C					
F:TO-220F					
E:TO-263					
800V _{DRM} / V _{RRM} ≥ 600V					
800V _{DRM} / V _{RRM} ≥ 800V					
Z:TO-3P					
T:TO-C					
1200V _{DRM} / V _{RRM} ≥ 1200V					
1600V _{DRM} / V _{RRM} ≥ 1600V					
S:TO-247J					
CS:TO-247S					
IS:TO-247					

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM} / V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST008W-600TW			0.8	600	5/5/5	SOT-223-2L
JST008U-600TW		BTA2008-600D	0.8	600	5/5/5	TO-92
JST008W-800TW		BTA2008W-800D	0.8	800	5/5/5	SOT-223
JST008U-800TW		BTA2008-800D	0.8	800	5/5/5	TO-92
JST04V-600TW		BTA204W-600D	1	600	5/5/5	SOT-223
JST04V-600SW		BTA204W-600E	1	600	10/10/10	SOT-223
JST04V-600CW		BTA204W-600C	1	600	35/35/35	SOT-223
JST04V-600BW		BTA204W-600B	1	600	50/50/50	SOT-223
JST04V-800TW		BTA204W-800D	1	800	5/5/5	SOT-223
JST04V-800SW		BTA204W-800E	1	800	10/10/10	SOT-223
JST04V-800CW		BTA204W-800C	1	800	35/35/35	SOT-223
JST04V-800BW		BTA204W-800B	1	800	50/50/50	SOT-223
JST04W-600TW			1	600	5/5/5	SOT-223-2L
JST04W-600SW			1	600	10/10/10	SOT-223-2L
JST04W-600CW			1	600	35/35/35	SOT-223-2L
JST04W-600BW			1	600	50/50/50	SOT-223-2L
JST04W-800TW			1	800	5/5/5	SOT-223-2L
JST04W-800SW			1	800	10/10/10	SOT-223-2L
JST04W-800CW			1	800	35/35/35	SOT-223-2L
JST04W-800BW			1	800	50/50/50	SOT-223-2L
JST04H-600TW	T405-600H		4	600	5/5/5	TO-251
JST04K-600TW	T405-600B	BTA204S-600D	4	600	5/5/5	TO-252
JST04A-600TW			4	600	5/5/5	TO-220A
JST04B-600TW	T405-600T	BTA204-600D	4	600	5/5/5	TO-220B
JST04F-600TW	T405T-6FP	BTA204X-600D	4	600	5/5/5	TO-220F
JST04H-600SW	T410-600H		4	600	10/10/10	TO-251
JST04K-600SW	T410-600B	BTA204S-600E	4	600	10/10/10	TO-252
JST04A-600SW			4	600	10/10/10	TO-220A
JST04B-600SW	T410-600T	BTA204-600E	4	600	10/10/10	TO-220B
JST04F-600SW		BTA204X-600E	4	600	10/10/10	TO-220F
JST04H-600CW	T435-600H		4	600	35/35/35	TO-251
JST04K-600CW	T435-600B	BTA204S-600C	4	600	35/35/35	TO-252
JST04A-600CW			4	600	35/35/35	TO-220A
JST04B-600CW	T435-600T	BTA204-600C	4	600	35/35/35	TO-220B
JST04F-600CW	T435T-600FP	BTA204X-600C	4	600	35/35/35	TO-220F
JST04H-600BW			4	600	50/50/50	TO-251
JST04K-600BW		BTA204S-600B	4	600	50/50/50	TO-252
JST04A-600BW			4	600	50/50/50	TO-220A
JST04B-600BW		BTA204-600B	4	600	50/50/50	TO-220B
JST04F-600BW		BTA204X-600B	4	600	50/50/50	TO-220F
JST04H-800TW	T405-800H		4	800	5/5/5	TO-251
JST04K-800TW	T405-800B		4	800	5/5/5	TO-252
JST04A-800TW			4	800	5/5/5	TO-220A
JST04B-800TW	T405-800T		4	800	5/5/5	TO-220B
JST04F-800TW	T405-800W		4	800	5/5/5	TO-220F
JST04H-800SW	T410-800H		4	800	10/10/10	TO-251
JST04K-800SW	T410-800B	BTA204S-800E	4	800	10/10/10	TO-252
JST04A-800SW			4	800	10/10/10	TO-220A
JST04B-800SW	T405-800T	BTA204-800E	4	800	10/10/10	TO-220B
JST04F-800SW		BTA204X-800E	4	800	10/10/10	TO-220F
JST04H-800CW	T435-800H		4	800	35/35/35	TO-251



◆ 三象限双向可控硅
3-Quadrants TRIACs

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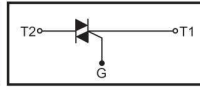
表二 《三象限双向可控硅》
Table 2 3-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST04K-800CW	T435-800B	BTA204S-800C	4	800	35/35/35	TO-252
JST04A-800CW			4	800	35/35/35	TO-220A
JST04B-800CW	T435-800T	BTA204-800C	4	800	35/35/35	TO-220B
JST04F-800CW		BTA204X-800C	4	800	35/35/35	TO-220F
JST04H-800BW			4	800	50/50/50	TO-251
JST04K-800BW		BTA204S-800B	4	800	50/50/50	TO-252
JST04A-800BW			4	800	50/50/50	TO-220A
JST04B-800BW		BTA204-800B	4	800	50/50/50	TO-220B
JST04F-800BW			4	800	50/50/50	TO-220F
JST06H-600TW			6	600	5/5/5	TO-251
JST06K-600TW			6	600	5/5/5	TO-252
JST06A-600TW	BTA06-600TW		6	600	5/5/5	TO-220A
JST06B-600TW	BTB06-600TW		6	600	5/5/5	TO-220B
JST06F-600TW			6	600	5/5/5	TO-220F
JST06H-600SW			6	600	10/10/10	TO-251
JST06K-600SW			6	600	10/10/10	TO-252
JST06A-600SW	BTA06-600SW		6	600	10/10/10	TO-220A
JST06B-600SW	BTB06-600SW		6	600	10/10/10	TO-220B
JST06F-600SW			6	600	10/10/10	TO-220F
JST06H-600CW			6	600	35/35/35	TO-251
JST06K-600CW			6	600	35/35/35	TO-252
JST06A-600CW	BTA06-600CW BTA06T-600CW		6	600	35/35/35	TO-220A
JST06B-600CW	BTB06-600CW		6	600	35/35/35	TO-220B
JST06F-600CW			6	600	35/35/35	TO-220F
JST06H-600BW			6	600	50/50/50	TO-251
JST06K-600BW			6	600	50/50/50	TO-252
JST06A-600BW	BTA06-600BW		6	600	50/50/50	TO-220A
JST06B-600BW	BTB06-600BW		6	600	50/50/50	TO-220B
JST06F-600BW			6	600	50/50/50	TO-220F
JST06H-800TW			6	800	5/5/5	TO-251
JST06K-800TW			6	800	5/5/5	TO-252
JST06A-800TW	BTA06-800TW		6	800	5/5/5	TO-220A
JST06B-800TW	BTB06-800TW		6	800	5/5/5	TO-220B
JST06F-800TW			6	800	5/5/5	TO-220F
JST06H-800SW			6	800	10/10/10	TO-251
JST06K-800SW			6	800	10/10/10	TO-252
JST06A-800SW	BTA06-800SW		6	800	10/10/10	TO-220A
JST06B-800SW	BTB06-800SW		6	800	10/10/10	TO-220B
JST06F-800SW			6	800	10/10/10	TO-220F
JST06H-800CW			6	800	35/35/35	TO-251
JST06K-800CW			6	800	35/35/35	TO-252
JST06A-800CW	BTA06-800CW		6	800	35/35/35	TO-220A
JST06B-800CW	BTB06-800CW		6	800	35/35/35	TO-220B
JST06F-800CW			6	800	35/35/35	TO-220F
JST06H-800BW			6	800	50/50/50	TO-251
JST06K-800BW			6	800	50/50/50	TO-252
JST06A-800BW	BTA06-800BW		6	800	50/50/50	TO-220A
JST06B-800BW	BTB06-800BW		6	800	50/50/50	TO-220B
JST06F-800BW			6	800	50/50/50	TO-220F
JST08H-600TW			8	600	5/5/5	TO-251
JST08K-600TW		BTA208S-600D	8	600	5/5/5	TO-252
JST08A-600TW	BTA08-600TW		8	600	5/5/5	TO-220A
JST08B-600TW	BTB08-600TW	BTA208-600D	8	600	5/5/5	TO-220B
JST08F-600TW		BTA208X-600D	8	600	5/5/5	TO-220F
JST08E-600TW			8	600	5/5/5	TO-263
JST08H-600SW	T810-600H		8	600	10/10/10	TO-251
JST08K-600SW	T810-600B	BTA208S-600E	8	600	10/10/10	TO-252
JST08A-600SW	BTA08-600SW T810T-6I		8	600	10/10/10	TO-220A
JST08B-600SW	BTB08-600SW	BTA208-600E	8	600	10/10/10	TO-220B
JST08F-600SW		BTA208X-600E	8	600	10/10/10	TO-220F
JST08E-600SW	T810-600G		8	600	10/10/10	TO-263
JST08H-600CW	T835-600H		8	600	35/35/35	TO-251
JST08K-600CW	T835-600B	BTA208S-600F	8	600	35/35/35	TO-252
JST08A-600CW	BTA08-600CW T835T-6I		8	600	35/35/35	TO-220A
JST08B-600CW	BTB08-600CW	BTA208-600F	8	600	35/35/35	TO-220B



◆ 三象限双向可控硅
3-Quadrants TRIACs

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表三 《三象限双向可控硅》
Table 3 3-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_T(RMS)$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST08F-600CW			8	600	35/35/35	TO-220F
JST08E-600CW	T835-600G		8	600	35/35/35	TO-263
JST08H-600BW			8	600	50/50/50	TO-251
JST08K-600BW		BTA208S-600B	8	600	50/50/50	TO-252
JST08A-600BW			8	600	50/50/50	TO-220A
JST08B-600BW	BTB08-600BW	BTA208-600B	8	600	50/50/50	TO-220B
JST08F-600BW		BTA208X-600B	8	600	50/50/50	TO-220F
JST08E-600BW	T850-600G		8	600	50/50/50	TO-263
JST08H-800TW			8	800	5/5/5	TO-251
JST08K-800TW			8	800	5/5/5	TO-252
JST08A-800TW			8	800	5/5/5	TO-220A
JST08B-800TW	BTB08-800TW		8	800	5/5/5	TO-220B
JST08F-800TW			8	800	5/5/5	TO-220F
JST08E-800TW			8	800	5/5/5	TO-263
JST08H-800SW			8	800	10/10/10	TO-251
JST08K-800SW	T810-800B	BTA208S-800E	8	800	10/10/10	TO-252
JST08A-800SW	BTA08-800SW		8	800	10/10/10	TO-220A
JST08B-800SW	BTB08-800SW	BTA208-800E	8	800	10/10/10	TO-220B
JST08F-800SW		BTA208X-800E	8	800	10/10/10	TO-220F
JST08E-800SW	T810-800G		8	800	10/10/10	TO-263
JST08H-800CW	T835-800H		8	800	35/35/35	TO-251
JST08K-800CW	T835-800B		8	800	35/35/35	TO-252
JST08A-800CW	BTA08-800CW		8	800	35/35/35	TO-220A
JST08B-800CW	BTB08-800CW		8	800	35/35/35	TO-220B
JST08F-800CW	T830-800W T830-8FP	BTA308X-800C0	8	800	35/35/35	TO-220F
JST08E-800CW	T835-800G		8	800	35/35/35	TO-263
JST08H-800BW			8	800	50/50/50	TO-251
JST08K-800BW		BTA208S-800B	8	800	50/50/50	TO-252
JST08A-800BW	BTA08-800BW		8	800	50/50/50	TO-220A
JST08B-800BW	BTB08-800BW	BTA208-800B	8	800	50/50/50	TO-220B
JST08F-800BW		BTA208X-800B BTA308X-800B0	8	800	50/50/50	TO-220F
JST08E-800BW			8	800	50/50/50	TO-263
JST08H-1200TW			8	1200	5/5/5	TO-251
JST08K-1200TW			8	1200	5/5/5	TO-252
JST08A-1200TW			8	1200	5/5/5	TO-220A
JST08B-1200TW			8	1200	5/5/5	TO-220B
JST08F-1200TW			8	1200	5/5/5	TO-220F
JST08E-1200TW			8	1200	5/5/5	TO-263
JST08H-1200SW			8	1200	10/10/10	TO-251
JST08K-1200SW			8	1200	10/10/10	TO-252
JST08A-1200SW			8	1200	10/10/10	TO-220A
JST08B-1200SW			8	1200	10/10/10	TO-220B
JST08F-1200SW			8	1200	10/10/10	TO-220F
JST08E-1200SW			8	1200	10/10/10	TO-263
JST08H-1200CW			8	1200	35/35/35	TO-251
JST08K-1200CW			8	1200	35/35/35	TO-252
JST08A-1200CW			8	1200	35/35/35	TO-220A
JST08B-1200CW			8	1200	35/35/35	TO-220B
JST08F-1200CW		BTA208X-1000C BTA208X-1000C0	8	1200	35/35/35	TO-220F
JST08E-1200CW			8	1200	35/35/35	TO-263
JST08H-1200BW			8	1200	50/50/50	TO-251
JST08K-1200BW			8	1200	50/50/50	TO-252
JST08A-1200BW			8	1200	50/50/50	TO-220A
JST08B-1200BW			8	1200	50/50/50	TO-220B
JST08F-1200BW		BTA208X-1000B	8	1200	50/50/50	TO-220F
JST08E-1200BW			8	1200	50/50/50	TO-263
JST10A-600CW	BTA10-600CW		10	600	35/35/35	TO-220A
JST10B-600CW			10	600	35/35/35	TO-220B
JST10F-600CW		BTA310X-600C	10	600	35/35/35	TO-220F
JST10A-600BW	BTA10-600BW		10	600	50/50/50	TO-220A
JST10B-600BW	BTB10-600BW		10	600	50/50/50	TO-220B
JST10F-600BW			10	600	50/50/50	TO-220F
JST10A-800CW	BTA10-800CW		10	800	35/35/35	TO-220A
JST10B-800CW			10	800	35/35/35	TO-220B
JST10F-800CW		BTA310X-800C	10	800	35/35/35	TO-220F

TO-252(DPAK)
Code:K

TO-251(IPAK)
Code:H

TO-220B non-insulated
Code:B

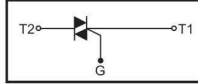
TO-220F
Code:F

TO-220A insulated
Code:A

TO-263(D²PAK)
Code:E

◆ 三象限双向可控硅
3-Quadrants TRIACs

V



表四 《三象限双向可控硅》
Table 4 3-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST10A-800BW	BTA10-800BW		10	800	50/50/50	TO-220A
JST10B-800BW	BTB10-800BW		10	800	50/50/50	TO-220B
JST10F-800BW			10	800	50/50/50	TO-220F
JST12A-600TW	BTA12-600TW		12	600	5/5/5	TO-220A
JST12B-600TW	BTB12-600TW		12	600	5/5/5	TO-220B
JST12C-600TW		BTA212-600D BTA312-600D	12	600	5/5/5	TO-220C
JST12F-600TW		BTA212X-600D BTA312X-600D	12	600	5/5/5	TO-220F
JST12E-600TW	T1205-600G	BTA212B-600D BTA312B-600D	12	600	5/5/5	TO-263
JST12A-600SW	BTA12-600SW T1210T-6I		12	600	10/10/10	TO-220A
JST12B-600SW	BTB12-600SW		12	600	10/10/10	TO-220B
JST12C-600SW		BTA212-600E BTA312-600E	12	600	10/10/10	TO-220C
JST12F-600SW		BTA212X-600E BTA312X-600E	12	600	10/10/10	TO-220F
JST12E-600SW	T1210-6G	BTA212B-600E BTA312B-600E	12	600	10/10/10	TO-263
JST12A-600CW	BTA12-600CW T1235T-6I	BTA312Y-600C	12	600	35/35/35	TO-220A
JST12B-600CW	BTB12-600CW		12	600	35/35/35	TO-220B
JST12C-600CW		BTA312-600C	12	600	35/35/35	TO-220C
JST12F-600CW		BTA312X-600C	12	600	35/35/35	TO-220F
JST12E-600CW	T1235-600G		12	600	35/35/35	TO-263
JST12A-600BW	BTA12-600BW		12	600	50/50/50	TO-220A
JST12B-600BW	BTB12-600BW	BTA312-600B	12	600	50/50/50	TO-220B
JST12C-600BW		BTA212-600B BTA312-600B	12	600	50/50/50	TO-220C
JST12F-600BW		BTA212X-600B BTA312X-600B	12	600	50/50/50	TO-220F
JST12E-600BW	T1250-600G	BTA212B-600B BTA312B-600B	12	600	50/50/50	TO-263
JST12A-800TW			12	800	5/5/5	TO-220A
JST12B-800TW			12	800	5/5/5	TO-220B
JST12C-800TW			12	800	5/5/5	TO-220C
JST12F-800TW			12	800	5/5/5	TO-220F
JST12E-800TW			12	800	5/5/5	TO-263
JST12A-800SW	BTA12-800SW		12	800	10/10/10	TO-220A
JST12B-800SW			12	800	10/10/10	TO-220B
JST12C-800SW		BTA312-800E	12	800	10/10/10	TO-220C
JST12F-800SW		BTA212X-800E BTA312X-800E	12	800	10/10/10	TO-220F
JST12E-800SW	T1210-800G	BTA212B-800E BTA312B-800E	12	800	10/10/10	TO-263
JST12A-800CW	BTA12-800CW	BTA312Y-800C	12	800	35/35/35	TO-220A
JST12B-800CW	BTB12-800CW		12	800	35/35/35	TO-220B
JST12C-800CW		BTA312-800C	12	800	35/35/35	TO-220C
JST12F-800CW		BTA312X-800C	12	800	35/35/35	TO-220F
JST12E-800CW	T1235-800G	BTA312B-800C	12	800	35/35/35	TO-263
JST12A-800BW	BTA12-800BW		12	800	50/50/50	TO-220A
JST12B-800BW			12	800	50/50/50	TO-220B
JST12C-800BW		BTA212-800B BTA312-800B	12	800	50/50/50	TO-220C
JST12F-800BW		BTA212X-800B BTA312X-800B	12	800	50/50/50	TO-220F
JST12E-800BW		BTA212B-800B BTA312B-800B	12	800	50/50/50	TO-263
JST12A-1000TW			12	1000	5/5/5	TO-220A
JST12B-1000TW			12	1000	5/5/5	TO-220B
JST12C-1000TW			12	1000	5/5/5	TO-220C
JST12F-1000TW			12	1000	5/5/5	TO-220F
JST12E-1000TW			12	1000	5/5/5	TO-263
JST12A-1000SW			12	1000	10/10/10	TO-220A
JST12B-1000SW			12	1000	10/10/10	TO-220B
JST12C-1000SW			12	1000	10/10/10	TO-220C



TO-220C
Code:C



TO-220B non-insulated
Code:B



TO-220F
Code:F



TO-220A insulated
Code:A

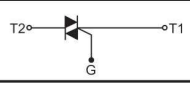


TO-263(D²PAK)
Code:E

◆ 三象限双向可控硅

3-Quadrants TRIACs

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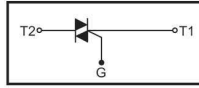
表五 《三象限双向可控硅》
Table 5 3-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST12F-1000SW			12	1000	10/10/10	TO-220F
JST12E-1000SW			12	1000	10/10/10	TO-263
JST12A-1000CW			12	1000	35/35/35	TO-220A
JST12B-1000CW			12	1000	35/35/35	TO-220B
JST12C-1000CW			12	1000	35/35/35	TO-220C
JST12F-1000CW			12	1000	35/35/35	TO-220F
JST12E-1000CW			12	1000	35/35/35	TO-263
JST12A-1000BW			12	1000	50/50/50	TO-220A
JST12B-1000BW			12	1000	50/50/50	TO-220B
JST12C-1000BW			12	1000	50/50/50	TO-220C
JST12F-1000BW			12	1000	50/50/50	TO-220F
JST12E-1000BW			12	1000	50/50/50	TO-263
JST12A-1200TW			12	1200	5/5/5	TO-220A
JST12B-1200TW			12	1200	5/5/5	TO-220B
JST12C-1200TW			12	1200	5/5/5	TO-220C
JST12F-1200TW			12	1200	5/5/5	TO-220F
JST12E-1200TW			12	1200	5/5/5	TO-263
JST12A-1200SW			12	1200	10/10/10	TO-220A
JST12B-1200SW			12	1200	10/10/10	TO-220B
JST12C-1200SW			12	1200	10/10/10	TO-220C
JST12F-1200SW			12	1200	10/10/10	TO-220F
JST12E-1200SW			12	1200	10/10/10	TO-263
JST12A-1200CW			12	1200	35/35/35	TO-220A
JST12B-1200CW			12	1200	35/35/35	TO-220B
JST12C-1200CW			12	1200	35/35/35	TO-220C
JST12F-1200CW			12	1200	35/35/35	TO-220F
JST12E-1200CW			12	1200	35/35/35	TO-263
JST12A-1200BW			12	1200	50/50/50	TO-220A
JST12B-1200BW			12	1200	50/50/50	TO-220B
JST12C-1200BW			12	1200	50/50/50	TO-220C
JST12F-1200BW			12	1200	50/50/50	TO-220F
JST12E-1200BW			12	1200	50/50/50	TO-263
JST16A-600TW	T1605G-6I		16	600	5/5/5	TO-220A
JST16B-600TW		BTA216-600D BTA316-600D	16	600	5/5/5	TO-220B
JST16F-600TW		BTA216X-600D	16	600	5/5/5	TO-220F
JST16E-600TW		BTA216B-600D	16	600	5/5/5	TO-263
JST16A-600SW	BTA16-600SW		16	600	10/10/10	TO-220A
JST16B-600SW	BTB16-600SW	BTA316-600E BTA216-600E	16	600	10/10/10	TO-220B
JST16F-600SW		BTA216X-600E BTA316X-600E	16	600	10/10/10	TO-220F
JST16E-600SW	T1610-600G	BTA216B-600E	16	600	10/10/10	TO-263
JST16A-600CW	BTA16-600CW		16	600	35/35/35	TO-220A
JST16B-600CW	BTB16-600CW	BTA316-600C	16	600	35/35/35	TO-220B
JST16F-600CW		BTA316X-600C	16	600	35/35/35	TO-220F
JST16E-600CW	T1635-600G	BTA316B-600C	16	600	35/35/35	TO-263
JST16A-600BW	BTA16-600BW		16	600	50/50/50	TO-220A
JST16B-600BW	BTB16-600BW	BTA316-600B BTA316-600B0	16	600	50/50/50	TO-220B
JST16F-600BW		BTA216X-600B BTA316X-600B	16	600	50/50/50	TO-220F
JST16E-600BW	T1650-600G	BTA216B-600B BTA316B-600B BTA316B-600B0	16	600	50/50/50	TO-263
JST16A-800TW			16	800	5/5/5	TO-220A
JST16B-800TW			16	800	5/5/5	TO-220B
JST16F-800TW			16	800	5/5/5	TO-220F
JST16E-800TW			16	800	5/5/5	TO-263
JST16A-800SW	BTA16-800SW		16	800	10/10/10	TO-220A
JST16B-800SW	BTB16-800SW	BTA316-800E	16	800	10/10/10	TO-220B
JST16F-800SW		BTA316X-800E	16	800	10/10/10	TO-220F
JST16E-800SW	T1610-800G	BTA316B-800E	16	800	10/10/10	TO-263
JST16A-800CW	BTA16-800CW		16	800	35/35/35	TO-220A
JST16B-800CW	BTB16-800CW	BTA316-800C	16	800	35/35/35	TO-220B
JST16F-800CW		BTA316X-800C	16	800	35/35/35	TO-220F
JST16E-800CW	T1635-800G	BTA316B-800C	16	800	35/35/35	TO-263
JST16A-800BW	BTA16-800BW		16	800	50/50/50	TO-220A



◆ 三象限双向可控硅
3-Quadrants TRIACs

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表六 《三象限双向可控硅》
Table 6 3-Quadrants TRIACs

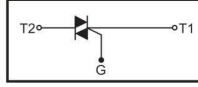
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST16B-800BW	BTB16-800BW	BTA316-800B BTA216-800B BTA316-800B0	16	800	50/50/50	TO-220B
JST16F-800BW		BTA216X-800B BTA316X-800B BTA316X-800B0	16	800	50/50/50	TO-220F
JST16E-800BW		BTA216B-800B BTA316B-800B	16	800	50/50/50	TO-263
JST16A-1200TW			16	1200	5/5/5	TO-220A
JST16B-1200TW			16	1200	5/5/5	TO-220B
JST16F-1200TW			16	1200	5/5/5	TO-220F
JST16E-1200TW			16	1200	5/5/5	TO-263
JST16A-1200SW			16	1200	10/10/10	TO-220A
JST16B-1200SW			16	1200	10/10/10	TO-220B
JST16F-1200SW			16	1200	10/10/10	TO-220F
JST16E-1200SW			16	1200	10/10/10	TO-263
JST16A-1200CW			16	1200	35/35/35	TO-220A
JST16B-1200CW			16	1200	35/35/35	TO-220B
JST16F-1200CW			16	1200	35/35/35	TO-220F
JST16E-1200CW			16	1200	35/35/35	TO-263
JST16A-1200BW			16	1200	50/50/50	TO-220A
JST16B-1200BW			16	1200	50/50/50	TO-220B
JST16F-1200BW			16	1200	50/50/50	TO-220F
JST16E-1200BW			16	1200	50/50/50	TO-263
JST20A-600CW	BTA20-600CW		20	600	35/35/35	TO-220A
JST20B-600CW			20	600	35/35/35	TO-220B
JST20F-600CW			20	600	35/35/35	TO-220F
JST20E-600CW			20	600	35/35/35	TO-263
JST20A-600BW	BTA20-600BW		20	600	50/50/50	TO-220A
JST20B-600BW			20	600	50/50/50	TO-220B
JST20F-600BW			20	600	50/50/50	TO-220F
JST20E-600BW			20	600	50/50/50	TO-263
JST20A-800CW	BTA20-700CW	BTA420Y-800CT	20	800	35/35/35	TO-220A
JST20B-800CW		BTA420-800CT	20	800	35/35/35	TO-220B
JST20F-800CW		BTA420X-800CT	20	800	35/35/35	TO-220F
JST20E-800CW			20	800	35/35/35	TO-263
JST20A-800BW	BTA20-700BW	BTA420Y-800BT	20	800	50/50/50	TO-220A
JST20B-800BW			20	800	50/50/50	TO-220B
JST20F-800BW		BTA420X-800BT	20	800	50/50/50	TO-220F
JST20E-800BW			20	800	50/50/50	TO-263
JST20A-1200CW			20	1200	35/35/35	TO-220A
JST20B-1200CW			20	1200	35/35/35	TO-220B
JST20F-1200CW			20	1200	35/35/35	TO-220F
JST20E-1200CW			20	1200	35/35/35	TO-263
JST20A-1200BW			20	1200	50/50/50	TO-220A
JST20B-1200BW			20	1200	50/50/50	TO-220B
JST20F-1200BW			20	1200	50/50/50	TO-220F
JST20E-1200BW			20	1200	50/50/50	TO-263
JST24A-600CW	BTA24-600CW		25	600	35/35/35	TO-220A
JST24B-600CW	BTB24-600CW		25	600	35/35/35	TO-220B
JST24F-600CW			25	600	35/35/35	TO-220F
JST24E-600CW	T2535-600G		25	600	35/35/35	TO-263
JST24A-600BW			25	600	50/50/50	TO-220A
JST24B-600BW	BTB24-600BW	BTA225-600BT	25	600	50/50/50	TO-220B
JST24F-600BW			25	600	50/50/50	TO-220F
JST24E-600BW		BTA225B-600B	25	600	50/50/50	TO-263
JST24A-800CW	BTA24-800CW	BTA425Y-800CT	25	800	35/35/35	TO-220A
JST24B-800CW	BTB24-800CW		25	800	35/35/35	TO-220B
JST24F-800CW			25	800	35/35/35	TO-220F
JST24E-800CW	T2535-800G		25	800	35/35/35	TO-263
JST24A-800BW	BTA24-800BW	BTA425Y-800BT	25	800	50/50/50	TO-220A
JST24B-800BW	BTB24-800BW		25	800	50/50/50	TO-220B
JST24F-800BW			25	800	50/50/50	TO-220F
JST24E-800BW		BTA225B-800B	25	800	50/50/50	TO-263
JST24A-1200CW			25	1200	35/35/35	TO-220A
JST24B-1200CW			25	1200	35/35/35	TO-220B
JST24F-1200CW			25	1200	35/35/35	TO-220F
JST24E-1200CW			25	1200	35/35/35	TO-263



◆三象限双向可控硅

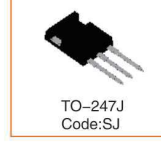
3-Quadrants TRIACs

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表七 《三象限双向可控硅》
Table 7 3-Quadrants TRIACs

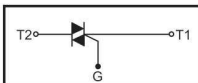
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST24A-1200BW	T2550-12I		25	1200	50/50/50	TO-220A
JST24B-1200BW	T2550-12T		25	1200	50/50/50	TO-220B
JST24F-1200BW			25	1200	50/50/50	TO-220F
JST24E-1200BW	T2550-12G		25	1200	50/50/50	TO-263
JST24A-1600CW			25	1600	35/35/35	TO-220A
JST24B-1600CW			25	1600	35/35/35	TO-220B
JST24F-1600CW			25	1600	35/35/35	TO-220F
JST24E-1600CW			25	1600	35/35/35	TO-263
JST24A-1600BW			25	1600	50/50/50	TO-220A
JST24B-1600BW			25	1600	50/50/50	TO-220B
JST24F-1600BW			25	1600	50/50/50	TO-220F
JST24E-1600BW			25	1600	50/50/50	TO-263
JST25T-600CW	BTA25-600CW		25	600	35/35/35	TG-C
JST25T-600BW	BTA25-600BW		25	600	50/50/50	TG-C
JST25T-800CW	BTA25-800CW		25	800	35/35/35	TG-C
JST25T-800BW	BTA25-800BW		25	800	50/50/50	TG-C
JST25T-1200CW			25	1200	35/35/35	TG-C
JST25T-1200BW			25	1200	50/50/50	TG-C
JST26Z-600CW	BTA26-600CW		25	600	35/35/35	TO-3P
JST26Z-600BW	BTA26-600BW		25	600	50/50/50	TO-3P
JST26Z-800CW	BTA26-800CW		25	800	35/35/35	TO-3P
JST26Z-800BW	BTA26-800BW		25	800	50/50/50	TO-3P
JST26Z-1200CW			25	1200	35/35/35	TO-3P
JST26Z-1200BW			25	1200	50/50/50	TO-3P
JST26Z-1600CW			25	1600	35/35/35	TO-3P
JST26Z-1600BW			25	1600	50/50/50	TO-3P
JST30A-600CW			30	600	35/35/35	TO-220A
JST30A-600BW			30	600	50/50/50	TO-220A
JST30B-600CW			30	600	35/35/35	TO-220B
JST30B-600BW			30	600	50/50/50	TO-220B
JST30F-600CW			30	600	35/35/35	TO-220F
JST30F-600BW			30	600	50/50/50	TO-220F
JST30E-600CW			30	600	35/35/35	TO-263
JST30E-600BW			30	600	50/50/50	TO-263
JST30A-800CW			30	800	35/35/35	TO-220A
JST30A-800BW			30	800	50/50/50	TO-220A
JST30B-800CW			30	800	35/35/35	TO-220B
JST30B-800BW			30	800	50/50/50	TO-220B
JST30F-800CW			30	800	35/35/35	TO-220F
JST30F-800BW			30	800	50/50/50	TO-220F
JST30E-800CW			30	800	35/35/35	TO-263
JST30E-800BW			30	800	50/50/50	TO-263
JST30A-1200CW			30	1200	35/35/35	TO-220A
JST30A-1200BW			30	1200	50/50/50	TO-220A
JST30B-1200CW			30	1200	35/35/35	TO-220B
JST30B-1200BW			30	1200	50/50/50	TO-220B
JST30F-1200CW			30	1200	35/35/35	TO-220F
JST30F-1200BW			30	1200	50/50/50	TO-220F
JST30E-1200CW			30	1200	35/35/35	TO-263
JST30E-1200BW			30	1200	50/50/50	TO-263
JST41Z-600TW			40	600	5/5/5	TO-3P
JST41Z-600CW			40	600	35/35/35	TO-3P
JST41Z-600BW			40	600	50/50/50	TO-3P
JST41SJ-600BW			40	600	50/50/50	TO-247J
JST41T-600BW			40	600	50/50/50	TG-C
JST41Z-600GW			40	600	70/70/70	TO-3P
JST41Z-800TW			40	800	5/5/5	TO-3P
JST41Z-800CW			40	800	35/35/35	TO-3P
JST41Z-800BW			40	800	50/50/50	TO-3P
JST41SJ-800BW			40	800	50/50/50	TO-247J
JST41T-800BW			40	800	50/50/50	TG-C
JST41Z-800GW			40	800	70/70/70	TO-3P
JST41Z-1200BW			40	1200	50/50/50	TO-3P
JST41T-1200BW			40	1200	50/50/50	TG-C
JST41SJ-1200BW			40	1200	50/50/50	TO-247J
JST41Z-1600BW			40	1600	50/50/50	TO-3P
JST41T-1600BW			40	1600	50/50/50	TG-C
JST41SJ-1600BW			40	1600	50/50/50	TO-247J



◆ 四象限双向可控硅

4-Quadrant TRIACs

V

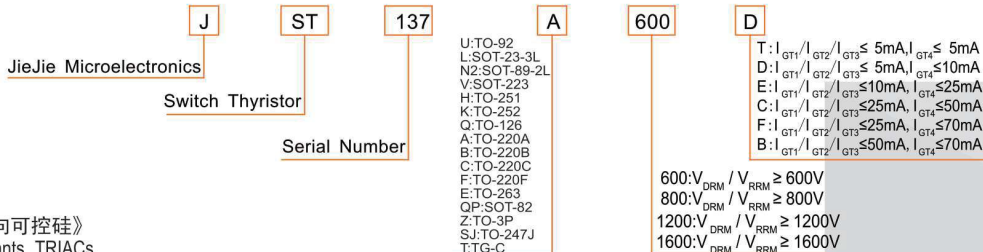


特点

- 1、结温 T_j : $-40\sim 125^{\circ}\text{C}$;
- 2、拥有较低的擎住电流和维持电流;
- 3、较好的用于电阻型中功率、小功率负载。

Features:

- 1 Junction temperature (T_j): $-40\sim 125^{\circ}\text{C}$.
- 2 With low holding and latching current.
- 3 Especially recommended for use on small and medium resistance type power load.



表一 《四象限双向可控硅》
Table 1 4-Quadrants TRIACs

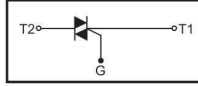
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST132U-600D		MAC97A6 MAC97A8	0.5	600	5/5/5/10	TO-92
JST132L-600D			0.5	600	5/5/5/10	SOT-23-3L
JST132N2-600D			0.5	600	5/5/5/10	SOT-23-3L
JST130U-600T	Z00607MA		0.8	600	5/5/5/5	TO-92
JST130V-600T	Z00607MN	BT1308W-600D	0.8	600	5/5/5/5	SOT-223
JST130W-600T			0.8	600	5/5/5/5	SOT-223-2L
JST130N2-600T			0.8	600	5/5/5/5	SOT-89-2L
JST130U-600D	Z00607MA		0.8	600	5/5/5/10	TO-92
JST130V-600D	Z00607MN	BT1308W-600D	0.8	600	5/5/5/10	SOT-223
JST130W-600D			0.8	600	5/5/5/10	SOT-223-2L
JST130N2-600D			0.8	600	5/5/5/10	SOT-89-2L
JST130U-700T			0.8	700	5/5/5/5	TO-92
JST130V-700T			0.8	700	5/5/5/5	SOT-223
JST130W-700T			0.8	700	5/5/5/5	SOT-223-2L
JST130N2-700T			0.8	700	5/5/5/5	SOT-89-2L
JST130U-700D			0.8	700	5/5/5/10	TO-92
JST130V-700D			0.8	700	5/5/5/10	SOT-223
JST130W-700D			0.8	700	5/5/5/10	SOT-223-2L
JST130N2-700D			0.8	700	5/5/5/10	SOT-89-2L
JST131U-600D	Z0107MA Z0109MA	BT131-600D	1	600	5/5/5/10	TO-92
JST131V-600D	Z0107MN Z0109MN		1	600	5/5/5/10	SOT-223
JST131W-600D			1	600	5/5/5/10	SOT-223-2L
JST131N2-600D			1	600	5/5/5/10	SOT-89-2L
JST131U-600T	Z0103MA		1	600	5/5/5/5	TO-92
JST131V-600T	Z0103MN		1	600	5/5/5/5	SOT-223
JST131W-600T			1	600	5/5/5/5	SOT-223-2L
JST131N2-600T			1	600	5/5/5/5	SOT-89-2L
JST131U-800D	Z0107NA Z0109NA	BT131-800D	1	800	5/5/5/10	TO-92
JST131V-800D	Z0107NN Z0109NN		1	800	5/5/5/10	SOT-223
JST131W-800D			1	800	5/5/5/10	SOT-223-2L
JST131N2-800D			1	800	5/5/5/10	SOT-89-2L
JST131U-800T	Z0103NA		1	800	5/5/5/5	TO-92
JST131V-800T	Z0103NN		1	800	5/5/5/5	SOT-223
JST131W-800T			1	800	5/5/5/5	SOT-223-2L
JST131N2-800T			1	800	5/5/5/5	SOT-89-2L
JST134V-600T			1	600	5/5/5/5	SOT-223
JST134W-600T			1	600	5/5/5/5	SOT-223-2L
JST134V-600D		BT134W-600D	1	600	5/5/5/10	SOT-223
JST134W-600D			1	600	5/5/5/10	SOT-223-2L
JST134V-600E		BT134W-600E	1	600	10/10/10/25	SOT-223
JST134W-600E			1	600	10/10/10/25	SOT-223-2L
JST134V-800T			1	800	5/5/5/5	SOT-223
JST134W-800T			1	800	5/5/5/5	SOT-223-2L
JST134V-800D	Z0107NN		1	800	5/5/5/10	SOT-223
JST134W-800D			1	800	5/5/5/10	SOT-223-2L
JST134V-800E			1	800	10/10/10/25	SOT-223
JST134W-800E			1	800	10/10/10/25	SOT-223-2L
JST134U-600T			4	600	5/5/5/5	TO-92



◆ 四象限双向可控硅

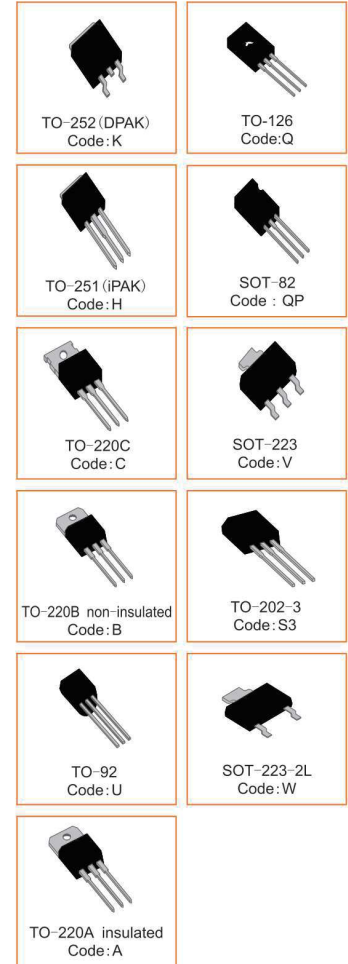
4-Quadrant TRIACs

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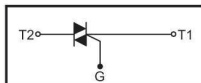
表二 《四象限双向可控硅》
Table 2 4-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST134H-600T			4	600	5/5/5/5	TO-251
JST134K-600T			4	600	5/5/5/5	TO-252
JST134B-600T			4	600	5/5/5/5	TO-220B
JST134C-600T			4	600	5/5/5/5	TO-220C
JST134Q-600T			4	600	5/5/5/5	TO-126
JST134QP-600T			4	600	5/5/5/5	SOT-82
JST134S3-600T	Z0405MF		4	600	5/5/5/5	TO-202-3
JST134U-600D			4	600	5/5/5/10	TO-92
JST134H-600D			4	600	5/5/5/10	TO-251
JST134K-600D		BT136S-600D	4	600	5/5/5/10	TO-252
JST134B-600D			4	600	5/5/5/10	TO-220B
JST134C-600D		BT136-600D	4	600	5/5/5/10	TO-220C
JST134Q-600D			4	600	5/5/5/10	TO-126
JST134QP-600D		BT134-600D	4	600	5/5/5/10	SOT-82
JST134S3-600D	Z0409MF		4	600	5/5/5/10	TO-202-3
JST134U-600E			4	600	10/10/10/25	TO-92
JST134H-600E			4	600	10/10/10/25	TO-251
JST134K-600E		BT136S-600E	4	600	10/10/10/25	TO-252
JST134B-600E			4	600	10/10/10/25	TO-220B
JST134C-600E		BT136-600E	4	600	10/10/10/25	TO-220C
JST134Q-600E			4	600	10/10/10/25	TO-126
JST134QP-600E		BT134-600E	4	600	10/10/10/25	SOT-82
JST134S3-600E	Z0410MF		4	600	10/10/10/25	TO-202-3
JST134U-800T			4	800	5/5/5/5	TO-92
JST134H-800T			4	800	5/5/5/5	TO-251
JST134K-800T			4	800	5/5/5/5	TO-252
JST134B-800T			4	800	5/5/5/5	TO-220B
JST134C-800T			4	800	5/5/5/5	TO-220C
JST134Q-800T			4	800	5/5/5/5	TO-126
JST134QP-800T			4	800	5/5/5/5	SOT-82
JST134S3-800T	Z0405NF		4	800	5/5/5/5	TO-202-3
JST134U-800D			4	800	5/5/5/10	TO-92
JST134H-800D			4	800	5/5/5/10	TO-251
JST134K-800D			4	800	5/5/5/10	TO-252
JST134B-800D			4	800	5/5/5/10	TO-220B
JST134C-800D			4	800	5/5/5/10	TO-220C
JST134Q-800D			4	800	5/5/5/10	TO-126
JST134QP-800D			4	800	5/5/5/10	SOT-82
JST134S3-800D	Z0409NF		4	800	5/5/5/10	TO-202-3
JST134U-800E			4	800	10/10/10/25	TO-92
JST134H-800E			4	800	10/10/10/25	TO-251
JST134K-800E		BT136S-800E	4	800	10/10/10/25	TO-252
JST134B-800E			4	800	10/10/10/25	TO-220B
JST134C-800E		BT136-800E	4	800	10/10/10/25	TO-220C
JST134Q-800E		BT134-800E	4	800	10/10/10/25	TO-126
JST134QP-800E			4	800	10/10/10/25	SOT-82
JST134S3-800E	Z0410NF		4	800	10/10/10/25	TO-202-3
JST136V-600T			1	600	5/5/5/5	SOT-223
JST136W-600T			1	600	5/5/5/5	SOT-223-2L
JST136V-600D			1	600	5/5/5/10	SOT-223
JST136W-600D			1	600	5/5/5/10	SOT-223-2L
JST136V-600E			1	600	10/10/10/25	SOT-223
JST136W-600E			1	600	10/10/10/25	SOT-223-2L
JST136V-600F			1	600	25/25/25/70	SOT-223
JST136W-600F			1	600	25/25/25/70	SOT-223-2L
JST136V-800T			1	800	5/5/5/5	SOT-223
JST136W-800T			1	800	5/5/5/5	SOT-223-2L
JST136V-800D			1	800	5/5/5/10	SOT-223
JST136W-800D			1	800	5/5/5/10	SOT-223-2L
JST136V-800E			1	800	10/10/10/25	SOT-223
JST136W-800E			1	800	10/10/10/25	SOT-223-2L
JST136V-800F			1	800	25/25/25/70	SOT-223
JST136W-800F			1	800	25/25/25/70	SOT-223-2L
JST136H-600T			4	600	5/5/5/5	TO-251
JST136K-600T			4	600	5/5/5/5	TO-252
JST136A-600T			4	600	5/5/5/5	TO-220A
JST136B-600T			4	600	5/5/5/5	TO-220B



◆ 四象限双向可控硅
4-Quadrant TRIACs

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表三 《四象限双向可控硅》
Table 3 4-Quadrants TRIACs

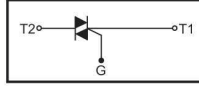
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST136C-600T			4	600	5/5/5/5	TO-220C
JST136F-600T			4	600	5/5/5/5	TO-220F
JST136Q-600T			4	600	5/5/5/5	TO-126
JST136QP-600T			4	600	5/5/5/5	SOT-82
JST136S3-600T			4	600	5/5/5/5	TO-202-3
JST136H-600D	T405Q-600H		4	600	5/5/5/10	TO-251
JST136K-600D	T405Q-600B		4	600	5/5/5/10	TO-252
JST136A-600D			4	600	5/5/5/10	TO-220A
JST136B-600D			4	600	5/5/5/10	TO-220B
JST136C-600D		BT234-600D	4	600	5/5/5/10	TO-220C
JST136F-600D		BT234X-600D	4	600	5/5/5/10	TO-220F
JST136Q-600D			4	600	5/5/5/10	TO-126
JST136QP-600D			4	600	5/5/5/10	SOT-82
JST136S3-600D			4	600	5/5/5/10	TO-202-3
JST136H-600E			4	600	10/10/10/25	TO-251
JST136K-600E			4	600	10/10/10/25	TO-252
JST136A-600E			4	600	10/10/10/25	TO-220A
JST136B-600E	BTB04-600SL		4	600	10/10/10/25	TO-220B
JST136C-600E		BT234-600E	4	600	10/10/10/25	TO-220C
JST136F-600E		BT234X-600E	4	600	10/10/10/25	TO-220F
JST136Q-600E			4	600	10/10/10/25	TO-126
JST136QP-600E			4	600	10/10/10/25	SOT-82
JST136S3-600E			4	600	10/10/10/25	TO-202-3
JST136H-600F			4	600	25/25/25/70	TO-251
JST136K-600F			4	600	25/25/25/70	TO-252
JST136A-600F			4	600	25/25/25/70	TO-220A
JST136B-600F			4	600	25/25/25/70	TO-220B
JST136C-600F			4	600	25/25/25/70	TO-220C
JST136F-600F			4	600	25/25/25/70	TO-220F
JST136Q-600F			4	600	25/25/25/70	TO-126
JST136QP-600F			4	600	25/25/25/70	SOT-82
JST136S3-600F			4	600	25/25/25/70	TO-202-3
JST136H-800T			4	800	5/5/5/5	TO-251
JST136K-800T			4	800	5/5/5/5	TO-252
JST136A-800T			4	800	5/5/5/5	TO-220A
JST136B-800T			4	800	5/5/5/5	TO-220B
JST136C-800T			4	800	5/5/5/5	TO-220C
JST136F-800T			4	800	5/5/5/5	TO-220F
JST136Q-800T			4	800	5/5/5/5	TO-126
JST136QP-800T			4	800	5/5/5/5	SOT-82
JST136S3-800T			4	800	5/5/5/5	TO-202-3
JST136H-800D			4	800	5/5/5/10	TO-251
JST136K-800D			4	800	5/5/5/10	TO-252
JST136A-800D			4	800	5/5/5/10	TO-220A
JST136B-800D			4	800	5/5/5/10	TO-220B
JST136C-800D		BT234-800D	4	800	5/5/5/10	TO-220C
JST136F-800D		BT234X-800D	4	800	5/5/5/10	TO-220F
JST136Q-800D			4	800	5/5/5/10	TO-126
JST136QP-800D			4	800	5/5/5/10	SOT-82
JST136S3-800D			4	800	5/5/5/10	TO-202-3
JST136H-800E			4	800	10/10/10/25	TO-251
JST136K-800E			4	800	10/10/10/25	TO-252
JST136A-800E			4	800	10/10/10/25	TO-220A
JST136B-800E			4	800	10/10/10/25	TO-220B
JST136C-800E		BT234-800E	4	800	10/10/10/25	TO-220C
JST136F-800E		BT234X-800E	4	800	10/10/10/25	TO-220F
JST136Q-800E			4	800	10/10/10/25	TO-126
JST136QP-800E			4	800	10/10/10/25	SOT-82
JST136S3-800E			4	800	10/10/10/25	TO-202-3
JST136H-800F			4	800	25/25/25/70	TO-251
JST136K-800F			4	800	25/25/25/70	TO-252
JST136A-800F			4	800	25/25/25/70	TO-220A
JST136B-800F			4	800	25/25/25/70	TO-220B
JST136C-800F			4	800	25/25/25/70	TO-220C
JST136F-800F			4	800	25/25/25/70	TO-220F
JST06A-600C	BTA06-600C		6	600	25/25/25/50	TO-220A
JST06A-600B	BTA06-600B		6	600	50/50/50/70	TO-220A
JST06B-600C	BTB06-600C		6	600	25/25/25/50	TO-220B



◆ 四象限双向可控硅

4-Quadrant TRIACs

V



表四 《四象限双向可控硅》
Table 4 4-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST06B-600B	BTB06-600B		6	600	50/50/50/70	TO-220B
JST06F-600C	BT236X-600F		6	600	25/25/25/50	TO-220F
JST06F-600B	BT236X-600G		6	600	50/50/50/70	TO-220F
JST06A-800C	BTA06-800C		6	800	25/25/25/50	TO-220A
JST06A-800B	BTA06-800B		6	800	50/50/50/70	TO-220A
JST06B-800C	BTB06-800C		6	800	25/25/25/50	TO-220B
JST06B-800B	BTB06-800B		6	800	50/50/50/70	TO-220B
JST06F-800C			6	800	25/25/25/50	TO-220F
JST06F-800B		BT236X-800G	6	800	50/50/50/70	TO-220F
JST137H-600D			8	600	5/5/5/10	TO-251
JST137K-600D		BT137S-600D	8	600	5/5/5/10	TO-252
JST137B-600D			8	600	5/5/5/10	TO-220B
JST137C-600D		BT137-600D	8	600	5/5/5/10	TO-220C
JST137F-600D		BT137X-600D	8	600	5/5/5/10	TO-220F
JST137D-600D			8	600	5/5/5/10	TO-262
JST137E-600D			8	600	5/5/5/10	TO-263
JST137H-600E			8	600	10/10/10/25	TO-251
JST137K-600E		BT137S-600E	8	600	10/10/10/25	TO-252
JST137B-600E			8	600	10/10/10/25	TO-220B
JST137C-600E		BT137-600E	8	600	10/10/10/25	TO-220C
JST137F-600E		BT137X-600E	8	600	10/10/10/25	TO-220F
JST137D-600E			8	600	10/10/10/25	TO-262
JST137E-600E		BT137B-600E	8	600	10/10/10/25	TO-263
JST137H-600F			8	600	25/25/25/70	TO-251
JST137K-600F		BT137S-600F	8	600	25/25/25/70	TO-252
JST137B-600F			8	600	25/25/25/70	TO-220B
JST137C-600F			8	600	25/25/25/70	TO-220C
JST137F-600F		BT137X-600F	8	600	25/25/25/70	TO-220F
JST137D-600F			8	600	25/25/25/70	TO-262
JST137E-600F		BT137B-600F	8	600	25/25/25/70	TO-263
JST137H-600G			8	600	50/50/50/100	TO-251
JST137K-600G		BT137S-600G	8	600	50/50/50/100	TO-252
JST137B-600G			8	600	50/50/50/100	TO-220B
JST137C-600G		BT137-600G	8	600	50/50/50/100	TO-220C
JST137F-600G		BT137X-600G	8	600	50/50/50/100	TO-220F
JST137D-600G			8	600	50/50/50/100	TO-262
JST137E-600G			8	600	50/50/50/100	TO-263
JST137H-800D			8	800	5/5/5/10	TO-251
JST137K-800D			8	800	5/5/5/10	TO-252
JST137B-800D			8	800	5/5/5/10	TO-220B
JST137C-800D			8	800	5/5/5/10	TO-220C
JST137F-800D			8	800	5/5/5/10	TO-220F
JST137D-800D			8	800	5/5/5/10	TO-262
JST137E-800D			8	800	5/5/5/10	TO-263
JST137H-800E			8	800	10/10/10/25	TO-251
JST137K-800E		BT137S-800E	8	800	10/10/10/25	TO-252
JST137B-800E			8	800	10/10/10/25	TO-220B
JST137C-800E		BT137-800E	8	800	10/10/10/25	TO-220C
JST137F-800E		BT137X-800E	8	800	10/10/10/25	TO-220F
JST137D-800E			8	800	10/10/10/25	TO-262
JST137E-800E			8	800	10/10/10/25	TO-263
JST137H-800F			8	800	25/25/25/70	TO-251
JST137K-800F		BT137S-800F	8	800	25/25/25/70	TO-252
JST137B-800F			8	800	25/25/25/70	TO-220B
JST137C-800F		BT137-800	8	800	25/25/25/70	TO-220C
JST137F-800F		BT137X-800	8	800	25/25/25/70	TO-220F
JST137D-800F			8	800	25/25/25/70	TO-262
JST137E-800F		BT137B-800F BT137B-800	8	800	25/25/25/70	TO-263
JST137H-800G			8	800	50/50/50/100	TO-251
JST137K-800G		BT137S-800G	8	800	50/50/50/100	TO-252
JST137B-800G			8	800	50/50/50/100	TO-220B
JST137C-800G		BT137-800G0	8	800	50/50/50/100	TO-220C
JST137F-800G			8	800	50/50/50/100	TO-220F
JST137D-800G			8	800	50/50/50/100	TO-262
JST137E-800G			8	800	50/50/50/100	TO-263



TO-220C
Code: C



TO-220B non-insulated
Code: B



TO-220F
Code: F



TO-220A insulated
Code: A



TO-263 (D²PAK)
Code: E



TO-251 (I²PAK)
Code: H



TO-252 (DPAK)
Code: K

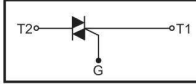


TO-262 (I²PAK)
Code: D

◆ 四象限双向可控硅

4-Quadrant TRIACs

V

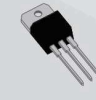


表五 《四象限双向可控硅》
Table 5 4-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST08H-600C			8	600	25/25/25/50	TO-251
JST08K-600C			8	600	25/25/25/50	TO-252
JST08A-600C	BTA08-600C		8	600	25/25/25/50	TO-220A
JST08B-600C			8	600	25/25/25/50	TO-220B
JST08F-600C			8	600	25/25/25/50	TO-220F
JST08E-600C			8	600	25/25/25/50	TO-263
JST08H-600B			8	600	50/50/50/70	TO-251
JST08K-600B			8	600	50/50/50/70	TO-252
JST08A-600B	BTA08-600B		8	600	50/50/50/70	TO-220A
JST08B-600B	BTB08-600B		8	600	50/50/50/70	TO-220B
JST08F-600B			8	600	50/50/50/70	TO-220F
JST08E-600B			8	600	50/50/50/70	TO-263
JST08H-800C			8	800	25/25/25/50	TO-251
JST08K-800C	BTA08-800C		8	800	25/25/25/50	TO-252
JST08A-800C	BTB08-600C		8	800	25/25/25/50	TO-220A
JST08B-800C			8	800	25/25/25/50	TO-220B
JST08F-800C			8	800	25/25/25/50	TO-220F
JST08E-800C			8	800	25/25/25/50	TO-263
JST08H-800B			8	800	50/50/50/70	TO-251
JST08K-800B			8	800	50/50/50/70	TO-252
JST08A-800B	BTA08-800B		8	800	50/50/50/70	TO-220A
JST08B-800B	BTB08-800B		8	800	50/50/50/70	TO-220B
JST08F-800B			8	800	50/50/50/70	TO-220F
JST08E-800B			8	800	50/50/50/70	TO-263
JST08H-1200C			8	1200	25/25/25/50	TO-251
JST08K-1200C			8	1200	25/25/25/50	TO-252
JST08A-1200C			8	1200	25/25/25/50	TO-220A
JST08B-1200C			8	1200	25/25/25/50	TO-220B
JST08F-1200C			8	1200	25/25/25/50	TO-220F
JST08E-1200C			8	1200	25/25/25/50	TO-263
JST08H-1200B			8	1200	50/50/50/70	TO-251
JST08K-1200B			8	1200	50/50/50/70	TO-252
JST08A-1200B			8	1200	50/50/50/70	TO-220A
JST08B-1200B			8	1200	50/50/50/70	TO-220B
JST08F-1200B			8	1200	50/50/50/70	TO-220F
JST08E-1200B			8	1200	50/50/50/70	TO-263
JST138H-600D			12	600	5/5/5/10	TO-251
JST138K-600D			12	600	5/5/5/10	TO-252
JST138C-600D		BT138-600D	12	600	5/5/5/10	TO-220C
JST138F-600D		BT138X-600D	12	600	5/5/5/10	TO-220F
JST138E-600D			12	600	5/5/5/10	TO-263
JST138H-600E			12	600	10/10/10/25	TO-251
JST138K-600E			12	600	10/10/10/25	TO-252
JST138C-600E		BT138-600E	12	600	10/10/10/25	TO-220C
JST138F-600E		BT138X-600E	12	600	10/10/10/25	TO-220F
JST138E-600E		BT138B-600E	12	600	10/10/10/25	TO-263
JST138H-600F			12	600	25/25/25/70	TO-251
JST138K-600F			12	600	25/25/25/70	TO-252
JST138C-600F			12	600	25/25/25/70	TO-220C
JST138F-600F		BT138X-600F	12	600	25/25/25/70	TO-220F
JST138E-600F		BT138B-600F	12	600	25/25/25/70	TO-263
JST138H-800D			12	800	5/5/5/10	TO-251
JST138K-800D			12	800	5/5/5/10	TO-252
JST138E-800D			12	800	5/5/5/10	TO-263
JST138C-800D			12	800	5/5/5/10	TO-220C
JST138F-800D			12	800	5/5/5/10	TO-220F
JST138H-800E			12	800	10/10/10/25	TO-251
JST138K-800E			12	800	10/10/10/25	TO-252
JST138E-800E		BT138B-800E	12	800	10/10/10/25	TO-263
JST138C-800E		BT138-800E	12	800	10/10/10/25	TO-220C
JST138F-800E		BT138X-800E	12	800	10/10/10/25	TO-220F
JST138H-800F			12	800	25/25/25/70	TO-251
JST138K-800F			12	800	25/25/25/70	TO-252
JST138E-800F			12	800	25/25/25/70	TO-263
JST138C-800F		BT138-800	12	800	25/25/25/70	TO-220C
JST138F-800F		BT138X-800 BT138X-800F	12	800	25/25/25/70	TO-220F



TO-220C
Code: C



TO-220B non-insulated
Code: B



TO-220F
Code: F



TO-220A insulated
Code: A



TO-263 (D²PAK)
Code: E



TO-251 (IPAK)
Code: H

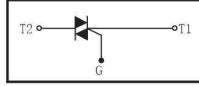


TO-252 (DPAK)
Code: K

◆ 四象限双向可控硅

4-Quadrant TRIACs

V



表六 《四象限双向可控硅》
Table 6 4-Quadrants TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST12A-600C	BTA12-600C		12	600	25/25/25/50	TO-220A
JST12B-600C	BTB12-600C		12	600	25/25/25/50	TO-220B
JST12C-600C			12	600	25/25/25/50	TO-220C
JST12F-600C			12	600	25/25/25/50	TO-220F
JST12E-600C			12	600	25/25/25/50	TO-263
JST12A-600B	BTA12-600B		12	600	50/50/50/70	TO-220A
JST12B-600B	BTB12-600B		12	600	50/50/50/70	TO-220B
JST12C-600B			12	600	50/50/50/70	TO-220C
JST12F-600B			12	600	50/50/50/70	TO-220F
JST12E-600B			12	600	50/50/50/70	TO-263
JST12A-800C	BTA12-800C		12	800	25/25/25/50	TO-220A
JST12B-800C	BTB12-800C		12	800	25/25/25/50	TO-220B
JST12C-800C			12	800	25/25/25/50	TO-220C
JST12F-800C			12	800	25/25/25/50	TO-220F
JST12E-800C			12	800	25/25/25/50	TO-263
JST12A-800B	BTA12-800B		12	800	50/50/50/70	TO-220A
JST12B-800B	BTB12-800B		12	800	50/50/50/70	TO-220B
JST12C-800B			12	800	50/50/50/70	TO-220C
JST12F-800B			12	800	50/50/50/70	TO-220F
JST12E-800B			12	800	50/50/50/70	TO-263
JST12A-1200C			12	1200	25/25/25/50	TO-220A
JST12B-1200C			12	1200	25/25/25/50	TO-220B
JST12C-1200C			12	1200	25/25/25/50	TO-220C
JST12F-1200C			12	1200	25/25/25/50	TO-220F
JST12E-1200C			12	1200	25/25/25/50	TO-263
JST12A-1200B			12	1200	50/50/50/70	TO-220A
JST12B-1200B			12	1200	50/50/50/70	TO-220B
JST12C-1200B			12	1200	50/50/50/70	TO-220C
JST12F-1200B			12	1200	50/50/50/70	TO-220F
JST12E-1200B			12	1200	50/50/50/70	TO-263
JST139E-600D			16	600	5/5/5/10	TO-263
JST139A-600D			16	600	5/5/5/10	TO-220A
JST139C-600D			16	600	5/5/5/10	TO-220C
JST139F-600D			16	600	5/5/5/10	TO-220F
JST139E-600E		BT139B-600E	16	600	10/10/10/25	TO-263
JST139A-600E			16	600	10/10/10/25	TO-220A
JST139C-600E		BT139-600E	16	600	10/10/10/25	TO-220C
JST139F-600E		BT139X-600E	16	600	10/10/10/25	TO-220F
JST139E-600F		BT139B-600F	16	600	25/25/25/70	TO-263
JST139A-600F			16	600	25/25/25/70	TO-220A
JST139C-600F		BT139-600F	16	600	25/25/25/70	TO-220C
JST139F-600F		BT139X-600F	16	600	25/25/25/70	TO-220F
JST139E-800D			16	800	5/5/5/10	TO-263
JST139A-800D			16	800	5/5/5/10	TO-220A
JST139C-800D			16	800	5/5/5/10	TO-220C
JST139F-800D			16	800	5/5/5/10	TO-220F
JST139E-800E		BT139B-800E	16	800	10/10/10/25	TO-263
JST139A-800E			16	800	10/10/10/25	TO-220A
JST139C-800E		BT139-800E	16	800	10/10/10/25	TO-220C
JST139F-800E			16	800	10/10/10/25	TO-220F
JST139E-800F		BT139B-800F BT139B-800	16	800	25/25/25/70	TO-263
JST139A-800F			16	800	25/25/25/70	TO-220A
JST139C-800F		BT139-800	16	800	25/25/25/70	TO-220C
JST139F-800F		BT139X-800	16	800	25/25/25/70	TO-220F
JST16A-600C	BTA16-600C		16	600	25/25/25/50	TO-220A
JST16B-600C	BTB16-600C		16	600	25/25/25/50	TO-220B
JST16F-600C			16	600	25/25/25/50	TO-220F
JST16E-600C			16	600	25/25/25/50	TO-263
JST16A-600B	BTA16-600B		16	600	50/50/50/70	TO-220A
JST16B-600B	BTB16-600B		16	600	50/50/50/70	TO-220B
JST16F-600B		BT139X-600G	16	600	50/50/50/70	TO-220F
JST16E-600B		BT139B-600G	16	600	50/50/50/70	TO-263
JST16A-800C			16	800	25/25/25/50	TO-220A
JST16B-800C			16	800	25/25/25/50	TO-220B
JST16F-800C			16	800	25/25/25/50	TO-220F
JST16E-800C			16	800	25/25/25/50	TO-263



TO-220C
Code: C



TO-220B non-insulated
Code: B



TO-220F
Code: F



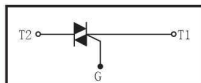
TO-220A insulated
Code: A



TO-263 (D²PAK)
Code: E

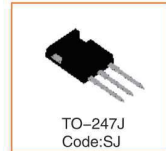
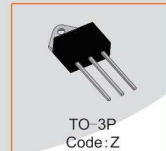
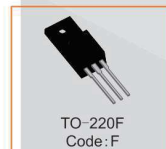
◆ 四象限双向可控硅
4-Quadrant TRIACs

V



表七 《四象限双向可控硅》
Table 7 4-Quadrants TRIACs

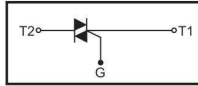
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_T(RMS)$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
JST16A-800B			16	800	50/50/50/70	TO-220A
JST16B-800B	BTB16-800B		16	800	50/50/50/70	TO-220B
JST16F-800B			16	800	50/50/50/70	TO-220F
JST16E-800B			16	800	50/50/50/70	TO-263
JST16A-1200C			16	1200	25/25/25/50	TO-220A
JST16B-1200C			16	1200	25/25/25/50	TO-220B
JST16F-1200C			16	1200	25/25/25/50	TO-220F
JST16E-1200C			16	1200	25/25/25/50	TO-263
JST16A-1200B			16	1200	50/50/50/70	TO-220A
JST16B-1200B			16	1200	50/50/50/70	TO-220B
JST16F-1200B			16	1200	50/50/50/70	TO-220F
JST16E-1200B			16	1200	50/50/50/70	TO-263
JST20A-600B			20	600	50/50/50/70	TO-220A
JST20B-600B			20	600	50/50/50/70	TO-220B
JST20A-800B			20	800	50/50/50/70	TO-220A
JST20B-800B			20	800	50/50/50/70	TO-220B
JST24A-600C			25	600	25/25/25/50	TO-220A
JST24B-600C		BTA140-600	25	600	25/25/25/50	TO-220B
JST24A-600B	BTA24-600B		25	600	50/50/50/70	TO-220A
JST24B-600B	BTB24-600B	BTA140-600G0 MAC223A6	25	600	50/50/50/70	TO-220B
JST24A-800C			25	800	25/25/25/50	TO-220A
JST24B-800C		BTA140-800	25	800	25/25/25/50	TO-220B
JST24A-800B	BTA24-800B		25	800	50/50/50/70	TO-220A
JST24B-800B	BTB24-800B		25	800	50/50/50/70	TO-220B
JST25T-600B	BTA25-600B		25	600	50/50/50/70	TG-C
JST25T-800B	BTA25-800B		25	800	50/50/50/70	TG-C
JST41Z-600B	BTA41-600B		40	600	50/50/50/70	TO-3P
JST41SJ-600B			40	600	50/50/50/70	TO-247J
JST41T-600B	BTA40-600B		40	600	50/50/50/70	TG-C
JST41Z-800B	BTA41-800B		40	800	50/50/50/70	TO-3P
JST41SJ-800V			40	800	50/50/50/70	TO-247J
JST41T-800B	BTA40-800B		40	800	50/50/50/70	TG-C
JST41Z-1200B			40	1200	50/50/50/70	TO-3P
JST41SJ-1200B			40	1200	50/50/50/70	TO-247J
JST41T-1200B			40	1200	50/50/50/70	TG-C
JST41Z-1600B			40	1600	50/50/50/70	TO-3P
JST41SJ-1600B			40	1600	50/50/50/70	TO-247J
JST41T-1600B			40	1600	50/50/50/70	TG-C



◆ 高结温双向可控硅

High Temperature Junction TRIACs

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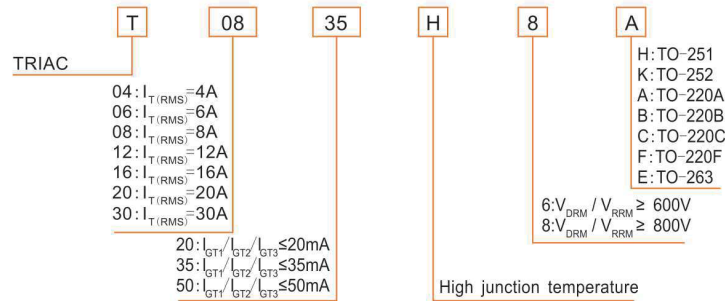


特点

- 1、结温 T_j : $-40\sim 150^{\circ}\text{C}$;
- 2、拥有较高的 dv/dt 能力, 抗电磁干扰能力强;
- 3、可以承受较大电流的冲击;
- 4、较好的用于电感型负载、环境温度高的场合。

Features:

- 1 Junction temperature (T_j): $-40\sim 150^{\circ}\text{C}$.
- 2 High dv/dt rate with strong resistance to electromagnetic interference.
- 3 With high ability to withstand the shock loading of large current.
- 4 Especially recommended for use on inductive load or high ambient temperature condition.



表一 《高结温双向可控硅》

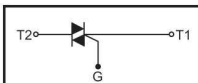
Table 1 High Temperature Junction TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
T0410H6H			4	600	10/10/10	TO-251
T0410H6K			4	600	10/10/10	TO-252
T0410H6A			4	600	10/10/10	TO-220A
T0410H6B	T410H-6T		4	600	10/10/10	TO-220B
T0410H6F			4	600	10/10/10	TO-220F
T0410H6E			4	600	10/10/10	TO-263
T0420H6H			4	600	20/20/20	TO-251
T0420H6K			4	600	20/20/20	TO-252
T0420H6A			4	600	20/20/20	TO-220A
T0420H6B			4	600	20/20/20	TO-220B
T0420H6F			4	600	20/20/20	TO-220F
T0420H6E			4	600	20/20/20	TO-263
T0435H6H			4	600	35/35/35	TO-251
T0435H6K			4	600	35/35/35	TO-252
T0435H6A			4	600	35/35/35	TO-220A
T0435H6B			4	600	35/35/35	TO-220B
T0435H6F	T435T-600FP		4	600	35/35/35	TO-220F
T0435H6E			4	600	35/35/35	TO-263
T0450H6H			4	600	50/50/50	TO-251
T0450H6K			4	600	50/50/50	TO-252
T0450H6A			4	600	50/50/50	TO-220A
T0450H6B			4	600	50/50/50	TO-220B
T0450H6F			4	600	50/50/50	TO-220F
T0450H6E			4	600	50/50/50	TO-263
T0410H8H			4	800	10/10/10	TO-251
T0410H8K			4	800	10/10/10	TO-252
T0410H8A			4	800	10/10/10	TO-220A
T0410H8B			4	800	10/10/10	TO-220B
T0410H8F			4	800	10/10/10	TO-220F
T0410H8E			4	800	10/10/10	TO-263
T0420H8H			4	800	20/20/20	TO-251
T0420H8K			4	800	20/20/20	TO-252
T0420H8A			4	800	20/20/20	TO-220A
T0420H8B			4	800	20/20/20	TO-220B
T0420H8F			4	800	20/20/20	TO-220F
T0420H8E			4	800	20/20/20	TO-263
T0435H8H			4	800	35/35/35	TO-251
T0435H8K			4	800	35/35/35	TO-252
T0435H8A			4	800	35/35/35	TO-220A
T0435H8B			4	800	35/35/35	TO-220B
T0435H8F			4	800	35/35/35	TO-220F
T0435H8E			4	800	35/35/35	TO-263
T0450H8H			4	800	50/50/50	TO-251
T0450H8K			4	800	50/50/50	TO-252
T0450H8A			4	800	50/50/50	TO-220A
T0450H8B			4	800	50/50/50	TO-220B
T0450H8F			4	800	50/50/50	TO-220F
T0450H8E			4	800	50/50/50	TO-263
T0610H6H			6	600	10/10/10	TO-251
T0610H6K			6	600	10/10/10	TO-252



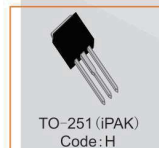
◆ 高结温双向可控硅
High Temperature Junction TRIACs

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表二 《高结温双向可控硅》
Table 2 High Temperature Junction TRIACs

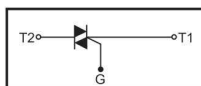
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
T0610H6A			6	600	10/10/10	TO-220A
T0610H6B	T610H-6T		6	600	10/10/10	TO-220B
T0610H6F			6	600	10/10/10	TO-220F
T0610H6E			6	600	10/10/10	TO-263
T0620H6H			6	600	20/20/20	TO-251
T0620H6K			6	600	20/20/20	TO-252
T0620H6A			6	600	20/20/20	TO-220A
T0620H6B			6	600	20/20/20	TO-220B
T0620H6F			6	600	20/20/20	TO-220F
T0620H6E			6	600	20/20/20	TO-263
T0635H6H			6	600	35/35/35	TO-251
T0635H6K			6	600	35/35/35	TO-252
T0635H6A	BTA06T-600CWRG		6	600	35/35/35	TO-220A
T0635H6B			6	600	35/35/35	TO-220B
T0635H6F			6	600	35/35/35	TO-220F
T0635H6E			6	600	35/35/35	TO-263
T0650H6H			6	600	50/50/50	TO-251
T0650H6K			6	600	50/50/50	TO-252
T0650H6A			6	600	50/50/50	TO-220A
T0650H6B			6	600	50/50/50	TO-220B
T0650H6F			6	600	50/50/50	TO-220F
T0650H6E			6	600	50/50/50	TO-263
T0610H8H			6	800	10/10/10	TO-251
T0610H8K			6	800	10/10/10	TO-252
T0610H8A			6	800	10/10/10	TO-220A
T0610H8B	T610T-8T	BTA206-800ET	6	800	10/10/10	TO-220B
T0610H8F	T610T-8FP	BTA206X-800ET	6	800	10/10/10	TO-220F
T0610H8E			6	800	10/10/10	TO-263
T0620H8H			6	800	20/20/20	TO-251
T0620H8K			6	800	20/20/20	TO-252
T0620H8A			6	800	20/20/20	TO-220A
T0620H8B			6	800	20/20/20	TO-220B
T0620H8F			6	800	20/20/20	TO-220F
T0620H8E			6	800	20/20/20	TO-263
T0635H8H			6	800	35/35/35	TO-251
T0635H8K			6	800	35/35/35	TO-252
T0635H8A			6	800	35/35/35	TO-220A
T0635H8B	T635T-8T	BTA206-800CT	6	800	35/35/35	TO-220B
T0635H8F	T635T-8FP	BTA206X-800CT	6	800	35/35/35	TO-220F
T0635H8E			6	800	35/35/35	TO-263
T0650H8H			6	800	50/50/50	TO-251
T0650H8K			6	800	50/50/50	TO-252
T0650H8A			6	800	50/50/50	TO-220A
T0650H8B			6	800	50/50/50	TO-220B
T0650H8F			6	800	50/50/50	TO-220F
T0650H8E			6	800	50/50/50	TO-263
T0810H6H			8	600	10/10/10	TO-251
T0810H6K			8	600	10/10/10	TO-252
T0810H6A	T810T-6I	BTA410Y-600ET	8	600	10/10/10	TO-220A
T0810H6B	T810H-6T		8	600	10/10/10	TO-220B
T0810H6F		BTA410X-600ET	8	600	10/10/10	TO-220F
T0810H6E	T810H-6G		8	600	10/10/10	TO-263
T0820H6H			8	600	20/20/20	TO-251
T0820H6K			8	600	20/20/20	TO-252
T0820H6A	T820T-6I		8	600	20/20/20	TO-220A
T0820H6B			8	600	20/20/20	TO-220B
T0820H6F			8	600	20/20/20	TO-220F
T0820H6E			8	600	20/20/20	TO-263
T0835H6H			8	600	35/35/35	TO-251
T0835H6K			8	600	35/35/35	TO-252
T0835H6A	T835H-6I	BTA410Y-600CT	8	600	35/35/35	TO-220A
T0835H6B	T835T-6I	BTA410-600CT	8	600	35/35/35	TO-220B
T0835H6F		BTA410X-600CT	8	600	35/35/35	TO-220F
T0835H6E	T835H-6G	BTA410Y-600CT	8	600	35/35/35	TO-263
T0850H6H			8	600	50/50/50	TO-251
T0850H6K			8	600	50/50/50	TO-252
T0850H6A	T850H-6I	BTA410Y-600BT	8	600	50/50/50	TO-220A
T0850H6B	T850H-6T	BTA410-600BT	8	600	50/50/50	TO-220B
T0850H6F		BTA410X-600BT	8	600	50/50/50	TO-220F
T0850H6E	T850H-6G	BTA410Y-600BT	8	600	50/50/50	TO-263
T0810H8H			8	800	10/10/10	TO-251
T0810H8K			8	800	10/10/10	TO-252
T0810H8A			8	800	10/10/10	TO-220A



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High Temperature Junction TRIACs

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表三 《高结温双向可控硅》

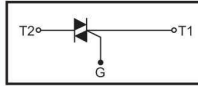
Table 3 High Temperature Junction TRIACs

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
T0810H8B	T810T-8T		8	800	10/10/10	TO-220B
T0810H8F	T810T-8FP	BTA308X-800ET BTA410X-800ET	8	800	10/10/10	TO-220F
T0810H8E	T810T-8GTR		8	800	10/10/10	TO-263
T0820H8H			8	800	20/20/20	TO-251
T0820H8K			8	800	20/20/20	TO-252
T0820H8A			8	800	20/20/20	TO-220A
T0820H8B			8	800	20/20/20	TO-220B
T0820H8F		BTA308X-800F0	8	800	20/20/20	TO-220F
T0820H8E			8	800	20/20/20	TO-263
T0835H8H			8	800	35/35/35	TO-251
T0835H8K			8	800	35/35/35	TO-252
T0835H8A	T835H-8I T835T-8I	BTA410Y-800CT	8	800	35/35/35	TO-220A
T0835H8B	T835H-8T T835T-8T	BTA410-800CT BTA308Y-800C0T	8	800	35/35/35	TO-220B
T0835H8F	T835T-8FP	BTA410X-800CT BTA208X-800CT	8	800	35/35/35	TO-220F
T0835H8E	T835T-8G T835H-8G-TR	BTA410Y-800CT	8	800	35/35/35	TO-263
T0850H8H			8	800	50/50/50	TO-251
T0850H8K			8	800	50/50/50	TO-252
T0850H8A			8	800	50/50/50	TO-220A
T0850H8B		BTA410-800BT	8	800	50/50/50	TO-220B
T0850H8F		BTA410X-800BT	8	800	50/50/50	TO-220F
T0850H8E			8	800	50/50/50	TO-263
T1210H6A	T1210T-6I		12	600	10/10/10	TO-220A
T1210H6B			12	600	10/10/10	TO-220B
T1210H6F			12	600	10/10/10	TO-220F
T1210H6E			12	600	10/10/10	TO-263
T1220H6A	T1220T-6I		12	600	20/20/20	TO-220A
T1220H6B			12	600	20/20/20	TO-220B
T1220H6F			12	600	20/20/20	TO-220F
T1220H6E			12	600	20/20/20	TO-263
T1235H6A	T1235H-6I		12	600	35/35/35	TO-220A
T1235H6B	T1235H-6T		12	600	35/35/35	TO-220B
T1235H6F			12	600	35/35/35	TO-220F
T1235H6E	T1235H-6G	BTA312B-600CT	12	600	35/35/35	TO-263
T1250H6A	T1250H-6I		12	600	50/50/50	TO-220A
T1250H6B	T1250H-6T	BTA412Y-600B	12	600	50/50/50	TO-220B
T1250H6F			12	600	50/50/50	TO-220F
T1250H6E	T1250H-6G		12	600	50/50/50	TO-263
T1210H8A			12	800	10/10/10	TO-220A
T1210H8B	T1210T-8T		12	800	10/10/10	TO-220B
T1210H8F	T1210T-8FP		12	800	10/10/10	TO-220F
T1210H8E	T1210T-8GTR	BTA312B-800ET	12	800	10/10/10	TO-263
T1220H8A			12	800	20/20/20	TO-220A
T1220H8B			12	800	20/20/20	TO-220B
T1220H8F			12	800	20/20/20	TO-220F
T1220H8E			12	800	20/20/20	TO-263
T1235H8A	T1235H-8I T1235T-8I		12	800	35/35/35	TO-220A
T1235H8B	T1235H-8T		12	800	35/35/35	TO-220B
T1235H8F	T1235T-8FP	BTA312X-800CT	12	800	35/35/35	TO-220F
T1235H8E	T1235T-8G-TR T1235H-8G-TR		12	800	35/35/35	TO-263
T1250H8A			12	800	50/50/50	TO-220A
T1250H8B	T1250H-8T	BTA412Y-800B	12	800	50/50/50	TO-220B
T1250H8F			12	800	50/50/50	TO-220F
T1250H8E			12	800	50/50/50	TO-263
T1610H6A			16	600	10/10/10	TO-220A
T1610H6B	T1610H-6T		16	600	10/10/10	TO-220B
T1610H6F			16	600	10/10/10	TO-220F
T1610H6E			16	600	10/10/10	TO-263
T1620H6A			16	600	20/20/20	TO-220A
T1620H6B			16	600	20/20/20	TO-220B
T1620H6F			16	600	20/20/20	TO-220F
T1620H6E			16	600	20/20/20	TO-263
T1635H6A	T1635H-6I		16	600	35/35/35	TO-220A
T1635H6B	T1635H-6T		16	600	35/35/35	TO-220B
T1635H6F			16	600	35/35/35	TO-220F
T1635H6E	T1635H-6G	BTA316B-600CT	16	600	35/35/35	TO-263
T1650H6A	T1650H-6I		16	600	50/50/50	TO-220A
T1650H6B	T1650H-6T	BTA316-600BT	16	600	50/50/50	TO-220B



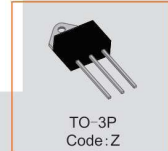
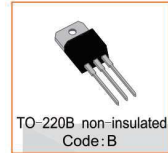
◆ 高结温双向可控硅
High Temperature Junction TRIACs

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表四 《高结温双向可控硅》
Table 4 High Temperature Junction TRIACs

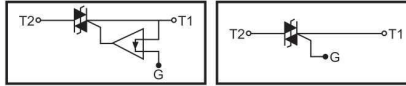
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM} V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
T1650H6F			16	600	50/50/50	TO-220F
T1650H6E	T1650H6G	BTA316B-600BT	16	600	50/50/50	TO-263
T1610H8A	T1610T-8I		16	800	10/10/10	TO-220A
T1610H8B	T1610T-8T		16	800	10/10/10	TO-220B
T1610H8F	T1610T-8FP		16	800	10/10/10	TO-220F
T1610H8E	T1610T-8GTR		16	800	10/10/10	TO-263
T1620H8A	T1620T-8I		16	800	20/20/20	TO-220A
T1620H8B			16	800	20/20/20	TO-220B
T1620H8F			16	800	20/20/20	TO-220F
T1620H8E	T1620T-8G-TR		16	800	20/20/20	TO-263
T1635H8A	T1635T-8I		16	800	35/35/35	TO-220A
T1635H8B	T1635T-8T		16	800	35/35/35	TO-220B
T1635H8F	T1635T-8FP	BTA416X-800CT BTA316X-800CT	16	800	35/35/35	TO-220F
T1635H8E	T1635H-8G-TR		16	800	35/35/35	TO-263
T1650H8A			16	800	50/50/50	TO-220A
T1650H8B		BTA316Y-800BT	16	800	50/50/50	TO-220B
T1650H8F			16	800	50/50/50	TO-220F
T1650H8E			16	800	50/50/50	TO-263
T2035H6A	T2035H-6I		20	600	35/35/35	TO-220A
T2035H6B	T2035H-6T		20	600	35/35/35	TO-220B
T2035H6F			20	600	35/35/35	TO-220F
T2035H6E	T2035H-6G		20	600	35/35/35	TO-263
T2035H8A	T2035H-8I		20	800	35/35/35	TO-220A
T2035H8B	T2035H-8T		20	800	35/35/35	TO-220B
T2035H8F		BTA420X-800CT	20	800	35/35/35	TO-220F
T2035H8E	T2035H-8G T2035T-8G		20	800	35/35/35	TO-263
T2050H6A			20	600	50/50/50	TO-220A
T2050H6B	T2050H-6T		20	600	50/50/50	TO-220B
T2050H6F			20	600	50/50/50	TO-220F
T2050H6E	T2050H-6G		20	600	50/50/50	TO-263
T2050H8A			20	800	50/50/50	TO-220A
T2050H8B			20	800	50/50/50	TO-220B
T2050H8F		BTA420X-800BT	20	800	50/50/50	TO-220F
T2050H8E			20	800	50/50/50	TO-263
T2535H6A			25	600	35/35/35	TO-220A
T2535H6B			25	600	35/35/35	TO-220B
T2535H6F			25	600	35/35/35	TO-220F
T2535H6E			25	600	35/35/35	TO-263
T2535H8A	T2535T-8I		25	800	35/35/35	TO-220A
T2535H8B	T2535T-8T		25	800	35/35/35	TO-220B
T2535H8F			25	800	35/35/35	TO-220F
T2535H8E	T2535T-8G		25	800	35/35/35	TO-263
JST23H6A			25	600	50/50/50	TO-220A
JST23H6B			25	600	50/50/50	TO-220B
JST23H6F			25	600	50/50/50	TO-220F
JST23H6E			25	600	50/50/50	TO-263
JST23H8A			25	800	50/50/50	TO-220A
JST23H8B			25	800	50/50/50	TO-220B
JST23H8F		BTA425X-800BT	25	800	50/50/50	TO-220F
JST23H8E		BTA225B-800BT	25	800	50/50/50	TO-263
T3035H6A	T3035H-6I		30	600	35/35/35	TO-220A
T3035H6B	T3035H-6T		30	600	35/35/35	TO-220B
T3035H6F			30	600	35/35/35	TO-220F
T3035H6E	T3035H-6G		30	600	35/35/35	TO-263
T3035H6Z			30	600	35/35/35	TO-3P
T3035H8A	T3035H-8I		30	800	35/35/35	TO-220A
T3035H8B	T3035H-8T	BTA330Y-800CT	30	800	35/35/35	TO-220B
T3035H8F			30	800	35/35/35	TO-220F
T3035H8E	T3035H-8G		30	800	35/35/35	TO-263
T3035H8Z			30	800	35/35/35	TO-3P
T3050H6A	T3050H-6I		30	600	50/50/50	TO-220A
T3050H6B	T3050H-6T		30	600	50/50/50	TO-220B
T3050H6F			30	600	50/50/50	TO-220F
T3050H6E	T3050H-6G		30	600	50/50/50	TO-263
T3050H6Z			30	600	50/50/50	TO-3P
T3050H8A			30	800	50/50/50	TO-220A
T3050H8B			30	800	50/50/50	TO-220B
T3050H8F		BTA330X-800BT	30	800	50/50/50	TO-220F
T3050H8E		BTA330B-800BT	30	800	50/50/50	TO-263
T3035H8Z			30	800	50/50/50	TO-3P
T4050H6Z			40	600	50/50/50	TO-3P
T4050H8Z		BTA440Z-800BT	40	800	50/50/50	TO-3P



◆瞬态抑制型双向可控硅

AC Switches

V



特点

- 1、结温Tj: -40~125°C;
- 2、拥有较高的dv/dt能力, 抗电磁干扰能力强;
- 3、可以承受较大电流的冲击;
- 4、较好的用于电感型负载, 电磁干扰较严重的场合。

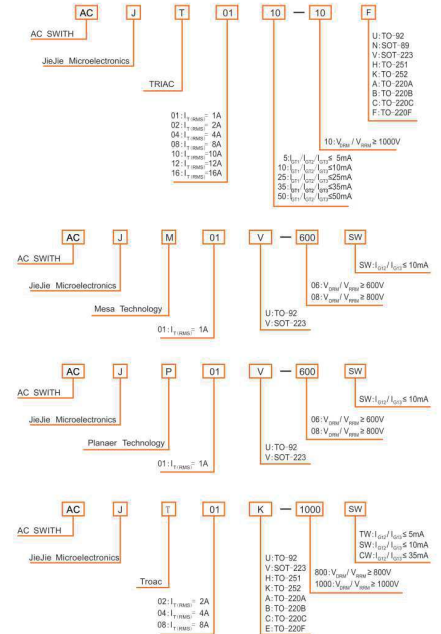
Features:

- 1 Junction temperature (Tj): -40 ~125°C.
- 2 High dv/dt rate with strong resistance to electromagnetic interference.
- 3 With high ability to withstand the shock of large current.
- 4 Especially recommended for use on inductive load or serious electromagnetic interference place.

表一 《瞬态抑制型双向可控硅》

Table 1 Ac Switches

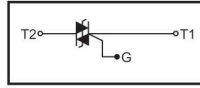
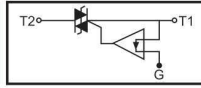
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
ACJ110-6U		ACT108-600E	1	600	10/10	TO-92
ACJ110-6V		ACT108W-600E	1	600	10/10	SOT-223
ACJ110-6W			1	600	10/10	SOT-223-2L
ACJ110-8U		ACT108-800E	1	800	10/10	TO-92
ACJ110-8V	ACS110-7SN	ACT108W-800E	1	800	10/10	SOT-223
ACJ110-8W			1	800	10/10	SOT-223-2L
ACJT105-6V			1	600	5/5/5	SOT-223
ACJT105-6U			1	600	5/5/5	TO-92
ACJT105-6N2			1	600	5/5/5	SOT-89-2L
ACJT110-6V			1	600	10/10/10	SOT-223
ACJT110-6U			1	600	10/10/10	TO-92
ACJT110-6N2			1	600	10/10/10	SOT-89-2L
ACJT105-8V			1	800	5/5/5	SOT-223
ACJT105-8U			1	800	5/5/5	TO-92
ACJT105-8N2			1	800	5/5/5	SOT-89-2L
ACJT110-8V			1	800	10/10/10	SOT-223
ACJT110-8U			1	800	10/10/10	TO-92
ACJT110-8N2			1	800	10/10/10	SOT-89-2L
ACJT105-10V			1	1000	5/5/5	SOT-223
ACJT105-10U			1	1000	5/5/5	TO-92
ACJT105-10N2			1	1000	5/5/5	SOT-89-2L
ACJT110-10V			1	1000	10/10/10	SOT-223
ACJT110-10U			1	1000	10/10/10	TO-92
ACJT110-10N2			1	1000	10/10/10	SOT-89-2L
ACJT01V-8TW			1	800	5/5/5	SOT-223
ACJT01V-8SW			1	800	10/10/10	SOT-223
ACJT01U-8TW			1	800	5/5/5	TO-92
ACJT01U-8SW			1	800	10/10/10	TO-92
ACJT01V-10TW			1	1000	5/5/5	SOT-223
ACJT01V-10SW			1	1000	10/10/10	SOT-223
ACJT01U-10TW			1	1000	5/5/5	TO-92
ACJT01U-10SW			1	1000	10/10/10	TO-92
ACJT210-6H			2	600	10/10/10	TO-251
ACJT210-6K			2	600	10/10/10	TO-252
ACJT210-6U			2	600	10/10/10	TO-92
ACJT210-6V			2	600	10/10/10	SOT-223
ACJT210-6W			2	600	10/10/10	SOT-223-2L
ACJT210-6F			2	600	10/10/10	TO-220F
ACJT225-6H			2	600	25/25/25	TO-251
ACJT225-6K			2	600	25/25/25	TO-252
ACJT225-6U			2	600	25/25/25	TO-92
ACJT225-6V			2	600	25/25/25	SOT-223
ACJT225-6W			2	600	25/25/25	SOT-223-2L
ACJT225-6F			2	600	25/25/25	TO-220F
ACJT210-8H			2	800	10/10/10	TO-251
ACJT210-8K	ACST210-8B	ACTT2S-800E	2	800	10/10/10	TO-252
ACJT210-8U			2	800	10/10/10	TO-92
ACJT210-8V			2	800	10/10/10	SOT-223
ACJT210-8W			2	800	10/10/10	SOT-223-2L
ACJT210-8F		ACTT2X-800E	2	800	10/10/10	TO-220F
ACJT225-8H			2	800	25/25/25	TO-251
ACJT225-8K			2	800	25/25/25	TO-252
ACJT225-8U			2	800	25/25/25	TO-92
ACJT225-8V			2	800	25/25/25	SOT-223
ACJT225-8W			2	800	25/25/25	SOT-223-2L
ACJT225-8F			2	800	25/25/25	TO-220F
ACJT210-10H			2	1000	10/10/10	TO-251
ACJT210-10K			2	1000	10/10/10	TO-252
ACJT210-10U			2	1000	10/10/10	TO-92
ACJT210-10V			2	1000	10/10/10	SOT-223
ACJT210-10W			2	1000	10/10/10	SOT-223-2L
ACJT210-10F			2	1000	10/10/10	TO-220F
ACJT225-10H			2	1000	25/25/25	TO-251
ACJT225-10K			2	1000	25/25/25	TO-252
ACJT225-10U			2	1000	25/25/25	TO-92
ACJT225-10V			2	1000	25/25/25	SOT-223



◆ 瞬态抑制型双向可控硅

AC Switches

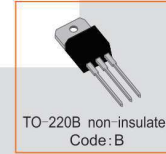
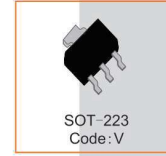
V



表二 《瞬态抑制型双向可控硅》

Table 2 Ac Switches

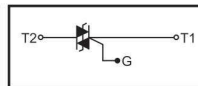
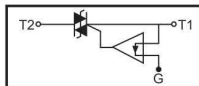
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
ACJT225-10W			2	1000	25/25/25	SOT-223-2L
ACJT225-10F			2	1000	25/25/25	TO-220F
ACJT02V-8TW			2	800	5/5/5	SOT-223
ACJT02H-8TW			2	800	5/5/5	TO-251
ACJT02K-8TW			2	800	5/5/5	TO-252
ACJT02U-8TW			2	800	5/5/5	TO-92
ACJT02F-8TW			2	800	5/5/5	TO-220F
ACJT02V-10TW			2	1000	5/5/5	SOT-223
ACJT02H-10TW			2	1000	5/5/5	TO-251
ACJT02K-10TW			2	1000	5/5/5	TO-252
ACJT02U-10TW			2	1000	5/5/5	TO-92
ACJT02F-10TW			2	1000	5/5/5	TO-220F
ACJT02V-8SW			2	800	10/10/10	SOT-223
ACJT02H-8SW			2	800	10/10/10	TO-251
ACJT02K-8SW	ACST210-8B	ACTT2S-800E	2	800	10/10/10	TO-252
ACJT02U-8SW			2	800	10/10/10	TO-92
ACJT02F-8SW	ACST210-8FP	ACTT2X-800E	2	800	10/10/10	TO-220F
ACJT02V-10SW			2	1000	10/10/10	SOT-223
ACJT02H-10SW			2	1000	10/10/10	TO-251
ACJT02K-10SW			2	1000	10/10/10	TO-252
ACJT02U-10SW			2	1000	10/10/10	TO-92
ACJT02F-10SW			2	1000	10/10/10	TO-220F
ACJT405-8H			4	800	5/5/5	TO-251
ACJT405-8K			4	800	5/5/5	TO-252
ACJT405-8A			4	800	5/5/5	TO-220A
ACJT405-8B			4	800	5/5/5	TO-220B
ACJT405-8F			4	800	5/5/5	TO-220F
ACJT410-8H			4	800	10/10/10	TO-251
ACJT410-8K	ACST410-8B	ACTT4S-800E	4	800	10/10/10	TO-252
ACJT410-8A			4	800	10/10/10	TO-220A
ACJT410-8B			4	800	10/10/10	TO-220B
ACJT410-8F	ACST410-8FP	ACTT4X-800E	4	800	10/10/10	TO-220F
ACJT425-8H			4	800	25/25/25	TO-251
ACJT425-8K			4	800	25/25/25	TO-252
ACJT425-8A			4	800	25/25/25	TO-220A
ACJT425-8B			4	800	25/25/25	TO-220B
ACJT425-8F			4	800	25/25/25	TO-220F
ACJT405-10H			4	1000	5/5/5	TO-251
ACJT405-10K			4	1000	5/5/5	TO-252
ACJT405-10A			4	1000	5/5/5	TO-220A
ACJT405-10B			4	1000	5/5/5	TO-220B
ACJT405-10F			4	1000	5/5/5	TO-220F
ACJT410-10H			4	1000	10/10/10	TO-251
ACJT410-10K			4	1000	10/10/10	TO-252
ACJT410-10A			4	1000	10/10/10	TO-220A
ACJT410-10B			4	1000	10/10/10	TO-220B
ACJT410-10F			4	1000	10/10/10	TO-220F
ACJT425-10H			4	1000	25/25/25	TO-251
ACJT425-10K			4	1000	25/25/25	TO-252
ACJT425-10A			4	1000	25/25/25	TO-220A
ACJT425-10B			4	1000	25/25/25	TO-220B
ACJT425-10F			4	1000	25/25/25	TO-220F
ACJT04H-8TW			4	800	5/5/5	TO-251
ACJT04K-8TW			4	800	5/5/5	TO-252
ACJT04A-8TW			4	800	5/5/5	TO-220A
ACJT04B-8TW			4	800	5/5/5	TO-220B
ACJT04F-8TW			4	800	5/5/5	TO-220F
ACJT04H-8SW			4	800	10/10/10	TO-251
ACJT04K-8SW	ACST410-8B	ACTT4S-800E	4	800	10/10/10	TO-252
ACJT04A-8SW			4	800	10/10/10	TO-220A
ACJT04B-8SW			4	800	10/10/10	TO-220B
ACJT04F-8SW	ACST410-8FP	ACTT4X-800E	4	800	10/10/10	TO-220F
ACJT04H-8CW			4	800	35/35/35	TO-251
ACJT04K-8CW	ACST435-8B	ACTT4S-800C	4	800	35/35/35	TO-252
ACJT04A-8CW			4	800	35/35/35	TO-220A
ACJT04B-8CW			4	800	35/35/35	TO-220B
ACJT04F-8CW	ACST435-8FP	ACTT4X-800C	4	800	35/35/35	TO-220F
ACJT04H-10TW			4	1000	5/5/5	TO-251
ACJT04K-10TW			4	1000	5/5/5	TO-252
ACJT04A-10TW			4	1000	5/5/5	TO-220A
ACJT04B-10TW			4	1000	5/5/5	TO-220B
ACJT04F-10TW			4	1000	5/5/5	TO-220F
ACJT04H-10SW			4	1000	10/10/10	TO-251
ACJT04K-10SW			4	1000	10/10/10	TO-252
ACJT04A-10SW			4	1000	10/10/10	TO-220A
ACJT04B-10SW			4	1000	10/10/10	TO-220B



◆瞬态抑制型双向可控硅

AC Switches

V



表三 《瞬态抑制型双向可控硅》

Table 3 Ac Switches

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
ACJT04F-10SW			4	1000	10/10/10	TO-220F
ACJT04H-10CW			4	1000	35/35/35	TO-251
ACJT04K-10CW			4	1000	35/35/35	TO-252
ACJT04A-10CW			4	1000	35/35/35	TO-220A
ACJT04B-10CW			4	1000	35/35/35	TO-220B
ACJT04F-10CW			4	1000	35/35/35	TO-220F
ACJT605-8H			6	800	5/5/5	TO-251
ACJT605-8K			6	800	5/5/5	TO-252
ACJT605-8A			6	800	5/5/5	TO-220A
ACJT605-8B			6	800	5/5/5	TO-220B
ACJT605-8F			6	800	5/5/5	TO-220F
ACJT605-8E			6	800	5/5/5	TO-263
ACJT610-8H		ACTT6G-800E	6	800	10/10/10	TO-251
ACJT610-8K			6	800	10/10/10	TO-252
ACJT610-8A			6	800	10/10/10	TO-220A
ACJT610-8B	ACST610-8T		6	800	10/10/10	TO-220B
ACJT610-8F	ACST610-8FP	ACTT6X-800E	6	800	10/10/10	TO-220F
ACJT610-8E	ACST610-8G	ACTT6B-800E	6	800	10/10/10	TO-263
ACJT625-8H			6	800	25/25/25	TO-251
ACJT625-8K			6	800	25/25/25	TO-252
ACJT625-8A			6	800	25/25/25	TO-220A
ACJT625-8B			6	800	25/25/25	TO-220B
ACJT625-8F			6	800	25/25/25	TO-220F
ACJT625-8E			6	800	25/25/25	TO-263
ACJT605-10H			6	1000	5/5/5	TO-251
ACJT605-10K			6	1000	5/5/5	TO-252
ACJT605-10A			6	1000	5/5/5	TO-220A
ACJT605-10B			6	1000	5/5/5	TO-220B
ACJT605-10F			6	1000	5/5/5	TO-220F
ACJT605-10E			6	1000	5/5/5	TO-263
ACJT610-10H			6	1000	10/10/10	TO-251
ACJT610-10K			6	1000	10/10/10	TO-252
ACJT610-10A			6	1000	10/10/10	TO-220A
ACJT610-10B			6	1000	10/10/10	TO-220B
ACJT610-10F			6	1000	10/10/10	TO-220F
ACJT610-10E			6	1000	10/10/10	TO-263
ACJT625-10H			6	1000	25/25/25	TO-251
ACJT625-10K			6	1000	25/25/25	TO-252
ACJT625-10A			6	1000	25/25/25	TO-220A
ACJT625-10B			6	1000	25/25/25	TO-220B
ACJT625-10F			6	1000	25/25/25	TO-220F
ACJT625-10E			6	1000	25/25/25	TO-263
ACJT805-8H			8	800	5/5/5	TO-251
ACJT805-8K			8	800	5/5/5	TO-252
ACJT805-8A			8	800	5/5/5	TO-220A
ACJT805-8B			8	800	5/5/5	TO-220B
ACJT805-8F			8	800	5/5/5	TO-220F
ACJT810-8H			8	800	10/10/10	TO-251
ACJT810-8K			8	800	10/10/10	TO-252
ACJT810-8A			8	800	10/10/10	TO-220A
ACJT810-8B			8	800	10/10/10	TO-220B
ACJT810-8F			8	800	10/10/10	TO-220F
ACJT825-8H			8	800	25/25/25	TO-251
ACJT825-8K	ACST830-8G		8	800	25/25/25	TO-252
ACJT825-8A			8	800	25/25/25	TO-220A
ACJT825-8B	ACST830-8T	ACTT8-800C0	8	800	25/25/25	TO-220B
ACJT825-8F	ACST830-8FP	ACTT8X-800C0	8	800	25/25/25	TO-220F
ACJT805-10H			8	1000	5/5/5	TO-251
ACJT805-10K			8	1000	5/5/5	TO-252
ACJT805-10A			8	1000	5/5/5	TO-220A
ACJT805-10B			8	1000	5/5/5	TO-220B
ACJT805-10F			8	1000	5/5/5	TO-220F
ACJT810-10H			8	1000	10/10/10	TO-251
ACJT810-10K			8	1000	10/10/10	TO-252
ACJT810-10A			8	1000	10/10/10	TO-220A
ACJT810-10B			8	1000	10/10/10	TO-220B
ACJT810-10F			8	1000	10/10/10	TO-220F
ACJT825-10H			8	1000	25/25/25	TO-251
ACJT825-10K			8	1000	25/25/25	TO-252
ACJT825-10A			8	1000	25/25/25	TO-220A
ACJT825-10B			8	1000	25/25/25	TO-220B
ACJT825-10F			8	1000	25/25/25	TO-220F
ACJT08H-8TW			8	800	5/5/5	TO-251
ACJT08K-8TW			8	800	5/5/5	TO-252
ACJT08A-8TW			8	800	5/5/5	TO-220A



TO-252 (DPAK)
Code: K



TO-251 (IPAK)
Code: H



TO-220B non-insulated
Code: B



TO-220F
Code: F



TO-220A insulated
Code: A

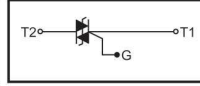
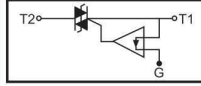


TO-263 (D²PAK)
Code: E

◆ 瞬态抑制型双向可控硅

AC Switches

V



表四 《瞬态抑制型双向可控硅》

Table 4 Ac Switches

捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_{T(RMS)}$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
ACJT08B-8TW			8	800	5/5/5	TO-220B
ACJT08F-8TW			8	800	5/5/5	TO-220F
ACJT08E-8TW			8	800	5/5/5	TO-263
ACJT08H-8SW			8	800	10/10/10	TO-251
ACJT08K-8SW			8	800	10/10/10	TO-252
ACJT08A-8SW			8	800	10/10/10	TO-220A
ACJT08B-8SW			8	800	10/10/10	TO-220B
ACJT08F-8SW			8	800	10/10/10	TO-220F
ACJT08E-8SW			8	800	10/10/10	TO-263
ACJT08H-8CW			8	800	35/35/35	TO-251
ACJT08K-8CW			8	800	35/35/35	TO-252
ACJT08A-8CW			8	800	35/35/35	TO-220A
ACJT08B-8CW			8	800	35/35/35	TO-220B
ACJT08F-8CW			8	800	35/35/35	TO-220F
ACJT08E-8CW			8	800	35/35/35	TO-263
ACJT08H-10TW			8	1000	5/5/5	TO-251
ACJT08K-10TW			8	1000	5/5/5	TO-252
ACJT08A-10TW			8	1000	5/5/5	TO-220A
ACJT08B-10TW			8	1000	5/5/5	TO-220B
ACJT08F-10TW			8	1000	5/5/5	TO-220F
ACJT08E-10TW			8	1000	5/5/5	TO-263
ACJT08H-10SW			8	1000	10/10/10	TO-251
ACJT08K-10SW			8	1000	10/10/10	TO-252
ACJT08A-10SW			8	1000	10/10/10	TO-220A
ACJT08B-10SW			8	1000	10/10/10	TO-220B
ACJT08F-10SW			8	1000	10/10/10	TO-220F
ACJT08E-10SW			8	1000	10/10/10	TO-263
ACJT08H-10CW			8	1000	35/35/35	TO-251
ACJT08K-10CW			8	1000	35/35/35	TO-252
ACJT08A-10CW			8	1000	35/35/35	TO-220A
ACJT08B-10CW			8	1000	35/35/35	TO-220B
ACJT08F-10CW			8	1000	35/35/35	TO-220F
ACJT08E-10CW			8	1000	35/35/35	TO-263
ACJT1010-10A			10	1000	10/10/10	TO-220A
ACJT1010-10B	ACST1010-7T		10	1000	10/10/10	TO-220B
ACJT1010-10F	ACST1010-7FP		10	1000	10/10/10	TO-220F
ACJT1035-10A			10	1000	35/35/35	TO-220A
ACJT1035-10B	ACST1035-7T		10	1000	35/35/35	TO-220B
ACJT1035-10F	ACST1035-7FP ACST1035-8FP		10	1000	35/35/35	TO-220F
ACJT1050-10A			10	1000	50/50/50	TO-220A
ACJT1050-10B			10	1000	50/50/50	TO-220B
ACJT1050-10F			10	1000	50/50/50	TO-220F
ACJT1210-8A			12	800	10/10/10	TO-220A
ACJT1210-8B	ACST1210-7T		12	800	10/10/10	TO-220B
ACJT1210-8F			12	800	10/10/10	TO-220F
ACJT1210-8E	ACST1210-7G		12	800	10/10/10	TO-263
ACJT1235-8A			12	800	35/35/35	TO-220A
ACJT1235-8B	ACST1235-7T		12	800	35/35/35	TO-220B
ACJT1235-8F	ACST1235-8FP	ACTT12X-800C	12	800	35/35/35	TO-220F
ACJT1235-8E	ACST1235-7G	ACTT12B-800C	12	800	35/35/35	TO-263
ACJT1250-8A			12	800	50/50/50	TO-220A
ACJT1250-8B			12	800	50/50/50	TO-220B
ACJT1250-8F			12	800	50/50/50	TO-220F
ACJT1250-8E			12	800	50/50/50	TO-263
ACJT1210-10A			12	1000	10/10/10	TO-220A
ACJT1210-10B			12	1000	10/10/10	TO-220B
ACJT1210-10F			12	1000	10/10/10	TO-220F
ACJT1210-10E			12	1000	10/10/10	TO-263
ACJT1235-10A			12	1000	35/35/35	TO-220A
ACJT1235-10B			12	1000	35/35/35	TO-220B
ACJT1235-10F			12	1000	35/35/35	TO-220F
ACJT1235-10E			12	1000	35/35/35	TO-263
ACJT1250-10A			12	1000	50/50/50	TO-220A
ACJT1250-10B			12	1000	50/50/50	TO-220B
ACJT1250-10F			12	1000	50/50/50	TO-220F
ACJT1250-10E			12	1000	50/50/50	TO-263
ACJT1610-10A			16	1000	10/10/10	TO-220A
ACJT1610-10B			16	1000	10/10/10	TO-220B
ACJT1610-10F			16	1000	10/10/10	TO-220F
ACJT1635-10A			16	1000	35/35/35	TO-220A
ACJT1635-10B			16	1000	35/35/35	TO-220B
ACJT1635-10F			16	1000	35/35/35	TO-220F
ACJT1650-10A			16	1000	50/50/50	TO-220A
ACJT1650-10B			16	1000	50/50/50	TO-220B
ACJT1650-10F			16	1000	50/50/50	TO-220F



TO-252 (DPAK)
Code:K



TO-251 (iPAK)
Code:H



TO-220B non-insulated
Code:B



TO-220F
Code:F



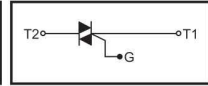
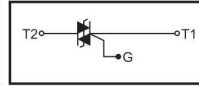
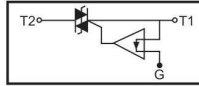
TO-220A insulated
Code:A



TO-263 (D²PAK)
Code:E

◆ 洗衣机专用双向可控硅
Specially TRIACS Washing Machine

V

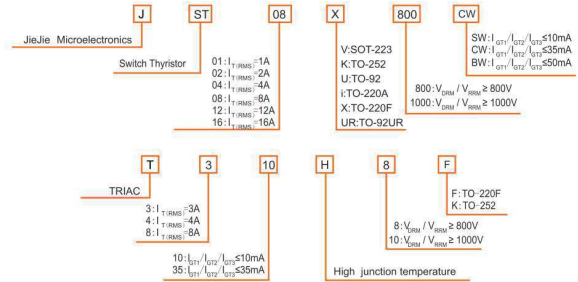


特点

- 1、拥有较高的dv/dt能力，抗电磁干扰能力强；
- 2、可以承受较大电流的冲击；
- 3、较好的用于洗衣机电机控制。

Features:

- 1 High dv/dt rate with strong resistance to electromagnetic interference.
- 2 With high ability to withstand the shock loading of large current.
3. Especially recommended for use on motor control of washing machine.



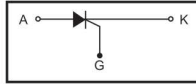
捷捷型号 JJ Part	意法型号 ST Part	瑞能型号 WeEn Part	方均根电流 $I_T(RMS)$ (A)	断态重复峰值电压 V_{DRM}/V_{RRM} (V)	触发电流 I_{GT} (mA)	封装外形 Package
ACJM01V-6SW	ACS108-6SN ACS110-7SN	ACT108W-600E	1	600	10/10	SOT-223
ACJM01U-6SW	ACS108-6SA	ACT108-600E	1	600	10/10	TO-92
ACJM01V-8SW			1	800	10/10	SOT-223
ACJM01U-8SW			1	800	10/10	TO-92
ACJP01V-6SW	ACS108-6SN ACS110-7SN	ACT108W-600E	1	600	10/10	SOT-223
ACJP01U-6SW	ACS108-6SA	ACT108-600E	1	600	10/10	TO-92
ACJP01V-8SW			1	800	10/10	SOT-223
ACJP01U-8SW			1	800	10/10	TO-92
JST01V-800SW			1	800	10/10/10	SOT-223
JST01U-800SW			1	800	10/10/10	TO-92
JST01UR-800SW			1	800	10/10/10	TO-92UR
JST01V-1000SW			1	1000	10/10/10	SOT-223
JST01U-1000SW			1	1000	10/10/10	TO-92
JST01UR-1000SW			1	1000	10/10/10	TO-92UR
JST02V-800SW			2	800	10/10/10	SOT-223
JST02U-800SW			2	800	10/10/10	TO-92
JST02UR-800SW			2	800	10/10/10	TO-92UR
JST02K-800SW	ACST210-8B	ACTT2S-800E	2	800	10/10/10	TO-252
JST02X-800SW			2	800	10/10/10	TO-220F
JST02V-1000SW			2	1000	10/10/10	SOT-223
JST02U-1000SW			2	1000	10/10/10	TO-92
JST02UR-1000SW			2	1000	10/10/10	TO-92UR
JST02K-1000SW			2	1000	10/10/10	TO-252
JST02X-1000SW			2	1000	10/10/10	TO-220F
T310H8F			3	800	10/10/10	TO-220F
T410H8K			4	800	10/10/10	TO-252
ACJT04K-800SW			4	800	10/10/10	TO-252
JST04X-800SW			4	800	10/10/10	TO-220F
JST04X-800CW			4	800	35/35/35	TO-220F
T835H8F	T830-800	BTA308X-800C0	8	800	35/35/35	TO-220F
T835H10F		BTA208X-1000C0 BTA308X-800C0	8	1000	35/35/35	TO-220F
JST08X-800CW			8	800	35/35/35	TO-220F
JST12i-800SW			12	800	10/10/10	TO-220A
JST12X-800SW			12	800	10/10/10	TO-220F
JST12i-800CW	BTA12-800CW	BTA412Y-800C	12	800	35/35/35	TO-220A
JST12X-800CW		BTA312X-800C	12	800	35/35/35	TO-220F
JST12i-800BW	BTA12-800BW	BTA412Y-800B	12	800	50/50/50	TO-220A
JST12X-800BW		BTA312X-800B	12	800	50/50/50	TO-220F
JST16i-800SW	BTA16-800SW	BTA416Y-800B	16	800	10/10/10	TO-220A
JST16X-800SW		BTA216X-800B	16	800	10/10/10	TO-220F
JST16i-800CW	BTA16-800CW	BTA416Y-800B	16	800	35/35/35	TO-220A
JST16X-800CW		BTA216X-800B	16	800	35/35/35	TO-220F
JST16i-800BW	BTA16-800BW		16	800	50/50/50	TO-220A
JST16X-800BW		BTA216X-800B	16	800	50/50/50	TO-220F



◆ 电力电子可控硅模块组件

SCR Module

V

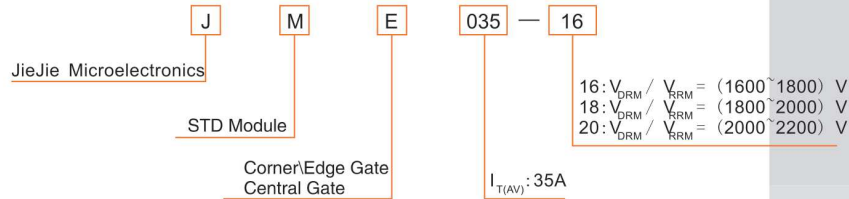
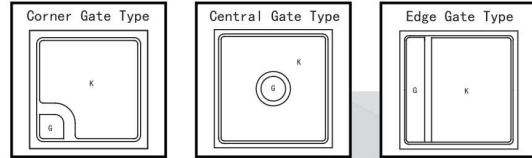


特点

- 1、结温 T_j : $-40 \sim 125^\circ\text{C}$;
- 2、拥有较高的阻断电压、 dv/dt 和 di/dt 能力;
- 3、移相能力强;
- 4、组件采用上下钼片、真空焊接、能很好控制空焊率及焊锡层厚度;
- 5、组件采用硅橡胶保护, 便于客户进行二次焊接使用;
- 6、较好的用于可控硅模块、固态继电器等工业领域。

Features:

- 1 Junction temperature (T_j): $-40 \sim 125^\circ\text{C}$.
- 2 With high dv/dt , di/dt and blocking voltage ability.
3. Strong ability in phase shifting.
4. Components adopt up-down molybdenum sheets, vacuum welding to well control void and solder layer thickness.
5. Components use silicone rubber protection, to facilitate customer for secondary welding using.
6. Especially recommended for use on industry application like SCR module, solid state relay etc.



型号 Model	平均电流 $I_{T(AV)}(A)$	浪涌电流 $I_{TSM}(A)$	断态重复峰值电压 $V_{DRM}/V_{RRM}(V)$	触发电流 $I_{GT}(mA)$	芯片尺寸 Chip Size(mm×mm)	组件外形尺寸 Module Size(mm×mm)	门极类型 Gate Type
JME016	16	190	≥ 1600 ≥ 1800 ≥ 2000	10-50	4.5×4.5	5.1×5.1	Corner
JME026	26	400		20-70	5.8×5.8	7×7	Corner
JME035	35	550		10-60	6.3×7.0	7.5×8.2	Corner
JME045	45	700		10-80	7.6×7.6	8.8×8.8	Corner
JME056	56	1250		10-80	8.9×8.9	10×10	Edge
JME070	70	1500		10-80	9.8×9.8	11×11	Edge
JME100	100	2250		20-120	12.4×12.4	13.8×13.8	Edge
JME135	135	3000		20-150	14.6×13.1	15.8×14.4	Edge
JME160	160	3600		20-150	15.2×15.2	16×16	Edge
JME175	175	4000		20-150	20.0×17.4	21×18	Edge
JMC090	90	2000		20-120	10.8×10.8	12×12	Central
JMC110	110	2500		20-120	12.4×12.4	13.8×13.8	Central
JMC150	150	3300		20-150	14.6×13.1	15.8×14.4	Central
JMC175	175	4000		20-150	15.2×15.2	16×16	Central
JMC200	200	4500		20-150	20.0×17.4	21×18	Central
JMC250	250	5600		20-150	21.4×21.4	23×23	Central
JME02612	26	450	≥ 1200	20-70	5.8×5.8	7×7	Corner
JME04512	45	600		10-60	6.3×7.0	7.5×8.2	Corner
JME04812	48	850		20-120	6.6×7.8	7.8×9	Edge
JME05512	55	880		10-70	7.6×7.6	8.8×8.8	Corner
JME06012	60	1300		10-80	8.9×8.9	10×10	Edge
JME07012	70	1600		10-80	9.8×9.8	11×11	Edge
JMC11012	110	2500		20-120	12.4×12.4	13.8×13.8	Central
JME125-D	125	3100	≥ 800	30-150	12.4×12.4	13.8×13.8	Edge
JME175-D	175	4000		30-150	16.4×16.4	17×17	Edge
JME225-D	225	5000		30-150	20.6×17.4	22×18	Edge

Test equipment 部分测试设备

