

# 上海强微电子科技有限公司



专业代理 AAC、BSI、CIRRUSLOGIC、CYNTEC、DALLAS、EPCOS、FAIRCHILD、FUJITSU、GSI、HITACHI、IR、ISSI、JAE、K-OA、MAXIM、MICROCHIP、MOTOROLA、NEC、ON、PANASONIC、POWER INTEGRATIONS、RICOH、SEMTECH、SIPEX、SSS、ST、S-USUMU、TOKIN、TOSHIBA、QUICKLOGIC、UTRON、XICOR、XIL-INX 等知名品牌的集成电路、晶体管、铁氧体、阻容器、接插件、锂电池等各类电子元器件并专业代理相关进、出口业务。

地址：上海市北京东路 668 号科技京城 C 区 603 室

电话：(021)53081000\53084151\53084152\53084153 转 239

传真：(021)53082863

网址：<http://www.smes.cn>

电邮：[shine@smes.cn](mailto:shine@smes.cn)

$C_j$	.....	Junction Capacitance	结电容
$\eta_v$	.....	Rectification Efficiency	整流效率
$I_F$	.....	DC Forward Current	正向直流电流
$I_{(AV)}$	.....	Average Forward Rectified Current	正向平均整流电流
$I_D$	.....	Stand-off Reverse Leakage Current	关态反向漏电流
$I_{FSM}$	.....	Peak Forward Surge Current	正向浪涌峰值电流
$I_{FSM}$	.....	Non Repetitive Surge Peak on-state Current	不重复浪涌峰值开态电流
$I_{DM}$	.....	Maximum Reverse Leakage Current	最大反向漏电流
$I_{FRM}$	.....	Repetitive Peak Forward Current	正向重复峰值电流
$I_H$	.....	Holding Current	维持电流
$I_O$	.....	Mean Forward Current	正向平均电流
$I_R$	.....	Reverse Leakage Current	反向漏电流
$I_{rr}$	.....	Reverse Recovery Current	反向恢复电流
$I_{PFM}$	.....	Maximum Peak Impulse Current	最大脉冲峰值电流
$I_{RM}$	.....	Maximum Peak Reverse Current	最大峰值反向电流
$I_{RM(REC)}$	.....	Maximum Peak Reverse Recovery Current	最大峰值反向恢复电流
$I_{RSM}$	.....	Maximum Non-repetitive Reverse Peak Current	最大反向不重复峰值电流
$I_r$	.....	On-state Test Current	导通测试电流
$I_r^2$	.....	Rating for Fusing	正向浪涌电流的平方对电 流浪涌持续时间的积分值
$P_{M(AV)}$	.....	Maximum Steady State Power Dissipation	最大稳态功耗
$P_{PM}$	.....	Peak Pulse Power Dissipation	峰值脉冲功耗
$P_{tot}$	.....	Total Power Dissipation	总功耗
$Q_{rr}$	.....	Recovered Charge	恢复电荷
$R_{\theta JA}$	.....	Thermal Resistance(Junction to Ambient)	热阻(结到环境)
$R_{\theta JC}$	.....	Thermal Resistance(Junction to Case)	热阻(结到管壳)
$R_{\theta JL}$	.....	Thermal Resistance(Junction to Lead)	热阻(结到引线)
$T_A$	.....	Ambient Temperature	环境温度
$T_C$	.....	Case Temperature	管壳温度
$T_D$	.....	Time Duration	持续时间
$T_f$	.....	Fall Time	下降时间
$T_J$	.....	Junction Temperature	结温
$T_L$	.....	Lead Temperature	引线温度

$t_{fr}$	.....	Forward Recovery Time	正向恢复时间
$t_r$	.....	Rise Time	上升时间
$t_{rr}$	.....	Reverse Recovery Time	反向恢复时间
$T_{STG}$	.....	Storage Temperature	存储温度
$V_{BO}$	.....	Breakover Voltage	转折电压
$V_{(BR)}$	.....	Reverse Breakdown Voltage	反向击穿电压
$V_F$	.....	Instantaneous Forward Voltage	正向瞬态电压
$V_{FR}$	.....	Forward Recovery Voltage	正向恢复电压
$V_{DC}\backslash V_R$	.....	DC Reverse Voltage	反向直流电压
$V_{RM}$	.....	Maximum Recurrent Peak Reverse Voltage	最大重复峰值反向电压
$V_{RMS}$	.....	RMS Input Voltage	均方根输入电压
$V_{RRM}$	.....	Peak Repetitive Reverse Voltage	反向重复峰值电压
$V_{VM}$	.....	Working Peak Reverse Voltage	反向工作峰值电压
$V_C$	.....	Clamping Voltage	箝位电压
$V_{VM}$	.....	Working Stand-off Voltage	关态工作电压
$V_Z$	.....	Zener Voltage	齐纳电压
$Z_Z$	.....	Dynamic Zener Impedance	动态齐纳阻抗
$\alpha V_F$	.....	Temperature Coefficient of Forward Voltage	正向压降的温度系数
$\alpha V_Z$	.....	Temperature Coefficient of Zener Voltage	齐纳电压的温度系数
$\alpha V_{(BR)}$	.....	Maximum Reverse Voltage Temperature Coefficient	最大反向电压温度系数

硅整流二极管	SILICON RECTIFIERS
快恢复开关二极管	FAST RECOVERY RECTIFIERS
高效率二极管	HIGH EFFICIENCY RECTIFIERS
高反压二极管	HIGH VOLTAGE RECTIFIERS
照相闪光专用整流器	PHOTO FLASH RECTIFIERS
超快恢复二极管	SUPER FAST RECTIFIERS
小信号肖特基系列二极管	SMALL SIGNAL SCHOTTKY DIODES
肖特基系列二极管	SCHOTTKY BARRIER RECTIFIERS
小信号开关二极管	SMALL SIGNAL SWITCHING DIODES
表面贴装二极管	SURFACE MOUNT RECTIFIERS
表面贴装肖特系列二极管	SURFACE MOUNT SCHOTTKY BARRIER RECTIFIERS
玻璃内钝化二极管	GLASS PASSIVATED RECTIFIERS
硅双向触发二极管	SILICON BIDIERCTIONAL DIACS
稳压二极管	ZENER DIODES
瞬态电压抑制二极管	TRANSIENT VOLTAGE SUPPERSORS(TVS)
固态放电管	TELECOMMUNICATION PROTECTION ARRESTOR
双向电压触发二极管	SILICON BILATERAL VOLTAGE TRIGGERED SWITCH
固态过电压保护管	SOLID STATE OVERVOLTAGE PROTECTOR
桥式整流器	BRIDGE RECTIFIERS
整流模块	RECTIFIER MODULE
汽车整流器	AUTOMOBILE RECTIFIERS
三相桥式整流器	THREE PHASE BRIDGE RECTIFIERS

# SMD DIODES & RECTIFIERS



IF (A)	SOT-23	0805 1206	mini-melf	MELF	SMA	SMB	SMC	DPAK (TO-252)	D <sup>2</sup> PAK (TO-263)	Voltage Range V <sub>BR</sub> (V)	Comments	
											Type	t <sub>rr</sub> (ns)
150mA	BAV99 <sup>(1)</sup>									100	switching diodes	4
	BAV70 <sup>(1)</sup>		LL4148							100	switching diodes	4
	BAW56 <sup>(1)</sup>									100	switching diodes	4
	MMBD7000 <sup>(1)</sup>									100	switching diodes	4
200mA	MMBD4148									100	switching diodes	4
	MMBD914									100	switching diodes	4
	BAS16									100	switching diodes	4
	BAS19/20/21									120-150	switching diodes	50
250mA	MMBD4448									100	switching diodes	4
	MMBD4448H									100	switching diodes	4
300mA		TS4148-0805								100	switching diodes	4
		TST148-1206								100	switching diodes	4
1A			LL4933G-37G							50-600	standard recovery	
			LL4001G-7G							50-1000	standard recovery	
				S1A-M						50-1000	fast recovery	150-500
				RS1A-M						50-1000	high efficient recovery	50-75
				HS1A-M						50-1000	high efficient recovery	
1.5A				US1A-M						50-1000	high efficient recovery	
				ES1A-J						50-600	super fast recovery	35
					S2A-M					50-1000	standard recovery	
				S2AA-MA						50-1000	standard recovery	
					RS2A-M					50-1000	fast recovery	150-500
2A					RS2GA-MA					400-1000	fast recovery	150-500
					HS2A-M					50-1000	high efficient recovery	50-75
					HS2AA-MA					50-1000	high efficient recovery	50-75
2A							ES2A-J		50-600	super fast recovery	35	
3A								S3A-M		50-1000	standard recovery	
								RS3A-M		50-1000	fast recovery	150-500
								HS3A-M		50-1000	high efficient recovery	50-75
								ES3A-J		50-600	super fast recovery	35
4A							S4A-M		50-1000	standard recovery		
5A							SFAD501G-8G		50-600	super fast recovery	35	
6A							SFD601G-8G <sup>(1)</sup>		50-600	super fast recovery	25	
16A								SFS1601G-8G <sup>(1)</sup>		50-600	super fast recovery	35

**NEW PRODUCTS  
UNDER DEVELOPMENT**  
(1) Dual rectifier

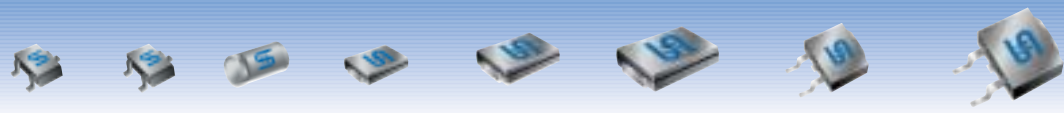
# AUTOMOTIVE RECTIFIERS



IF (A)	AR	ARS	Voltage Range V <sub>BR</sub> (V)	Comments
25A	AR25A-M	ARS25A-M	50-1000	
35A	AR35A-M	ARS35A-M	50-1000	
	TAR3525	TARS3525	20	load dump rectifier/Vc 24V min – 25V max
50A	AR50A-M	ARS50A-M	50-1000	
	TAR5025	TARS5025	22	load dump rectifier/Vc 24V min – 25V max

**NEW PRODUCTS**


# SMD SCHOTTKY RECTIFIERS



IF (A)	SOT-23 (single)	SOT-23 (dual)	MELF	SMA	SMB	SMC	DPAK (TO-252)	D2PAK (TO-263)	Voltage Range $V_{BR}$ (V)	Comments
200mA	BAT54	BAT54A/C/S							30	
500mA	BAT400D								40	ultra low $V_f$
1A			LL5817-19 LSR102-06	SS12-110 SSL12-14	SK12B-110B				20-40 20-60 20-100 20-40 20-100	ultra low $V_f$
2A				SK24A-26A		SS22-210 SSL22-24			40-60 20-100 20-40	ultra low $V_f$
3A				SK32A-310A	SK32B-310B	SS32-310 SSL32-34	SRAD320-360		20-100 20-40 20-60	ultra low $V_f$
5A						SK53C-56C			30-60	
6A							SRD620-660 <sup>(1)</sup>	MBRS645	20-60 45	
8A							SRAD820-860 SRD820-860 <sup>(1)</sup>		20-60 20-60	
10A							SRD1020-1060 <sup>(1)</sup>	SRS1020-60 <sup>(1)</sup>	20-60	
15A								MBRS1535CT-100CT <sup>(1)</sup>	35-100	
16A								SRS1620-60 <sup>(1)</sup> MBRS1635-60	20-60 35-60	
20A								MBRS2035CT-100CT <sup>(1)</sup> SRS2020-2060 <sup>(1)</sup>	35-100 20-60	
30A								MBRS2535CT-2560CT <sup>(1)</sup>	35-60	

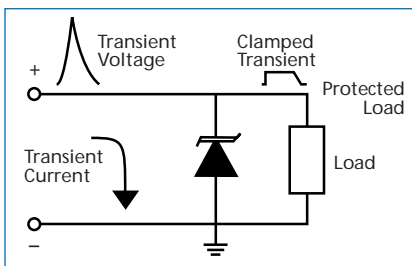
**NEW PRODUCTS**  
(1) Dual rectifier

# TRANSIENT VOLTAGE SUPPRESSORS

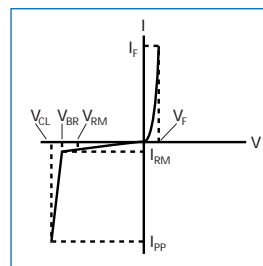


Power Dissipation $P_{MAX}$ (mW)	leaded			Surface Mount Device			Breakdown Voltage $V_{BR}$ (V)	Stand-off Voltage $V_{WM}$ (V)
	D0-41	D0-15	D0-201	SMA	SMB	SMC		
300						SMAJ530-550 <sup>(1)</sup>	530-550	477-495
400	P4KE series			SMAJ series			6.4-209 6.8-440	5-170 5.5-376
				P4SMA series			6.8-200	5.5-171
500		SA series SAC series <sup>(2)</sup>					6.4-209 7.6-68	5-170 5-50
600		P6KE series				SMBJ series P6SMB series	6.8-440 6.4-209 6.8-200	5.5-376 5-170 5.5-171
1500			1.5KE series			SMCJ series 1.5SMC series	6.8-440 6.4-209 6.8-200	5.5-376 5-170 5.5-171


**NEW PRODUCTS**  
(1) Only unidirectional available  
(2) Low capacitance series



SYMBOL	DESIGNATION
$V_{RM}$	Stand off voltage
$V_{BR}$	Breakdown voltage
$V_{CL}$	Clamping voltage
$I_{RM}$	leakage current@VRM
$I_{PP}$	Peak pulse current
$V_F$	Forward voltage drop



# ZENER DIODES

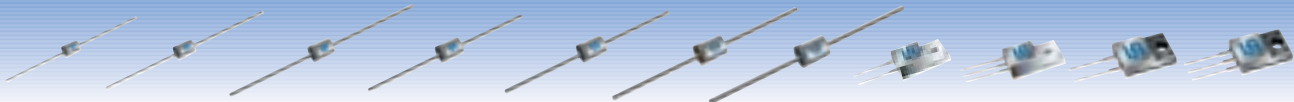


Power Dissipation $P_{MAX}$ (mW)	lead D0-41	Surface Mount Device			Zener Voltage Range $V_Z$ (V)
		single	SOT-23 dual	SMA	
300			AZ23Cxx DZ23Cxx		2.7-51 2.7-51
350		BZX84Cxx			2.4-51
1000	1N47xx			1SMA47xx 1SMAxxxZ SML4736-64	11-100 110-200 6.8-100
1500				1SMA5926-45	11-68

NEW PRODUCTS

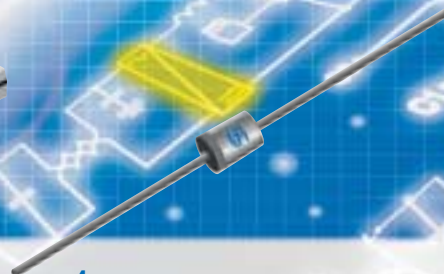


# STANDARD RECTIFIERS



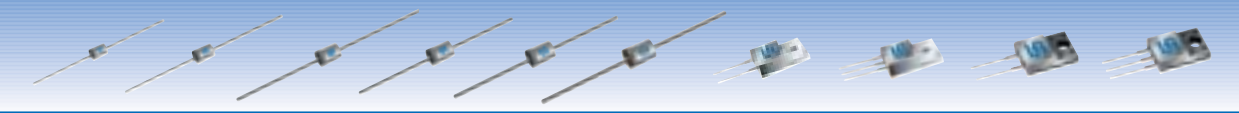
IF (A)	TS-1	A-405	D0-41	D0-15	D0-201AD	R-6	P-600	TO-220AC	TO-220AB (dual)	ITO-220AC	ITO-220AB (dual)	Voltage Range $V_{BR}$ (V)
1A			BY133 1N4007-19 1N4001-7 1N4001G-7G 1N4001GP-7GP GP10A-M									1300 1600 50-1000 50-1000 50-1000
1.5A				1N5391-99 1N5391G-99G GP15A-M								50-1000 50-1000 50-1000
2A				2A01-07 2A01G-07G GP20A-M	TBYW56							1000 50-1000 50-1000 50-1000
3A					1N5400-5408 1N5400G-5408G BY251-55 GP30A-M							50-1000 50-1000 200-1300 50-1000
6A						6A05-100 6A05G-100G	TS750-8 P600A-M					50-1000 50-1000
8A								GPA801-7		GPAF801-7		50-1000
10A									GP1001-7		GPF1001-7	50-1000
16A								GPA1601-7	GP1601-7	GPAF1601-7	GPF1601-7	50-1000

SILASTIC PASSIVATION  
GLASS PASSIVATION  
SUPERDIODE GLASS PASSIVATION  
NEW PRODUCTS



# FAST RECOVERY RECTIFIERS

$t_{rr} = 150\text{ ns to } 500\text{ ns}$

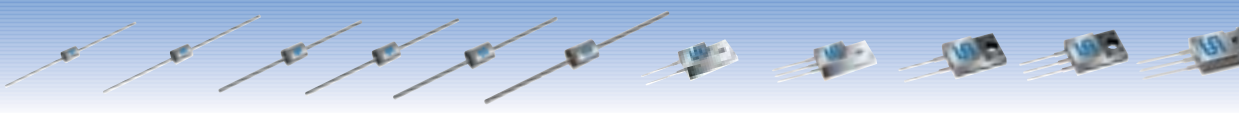


IF (A)	TS-1	A-405	D0-41	D0-15	D0-201AD	R-6	TO-220AC	TO-220AB (dual)	ITO-220AC	ITO-220AB (dual)	Voltage Range $V_{BR}$ (V)	$t_{rr}$ (ns)
1A	F1T1-7 SFR1T1-7 <sup>(1)</sup> F1T1G-7G	FR101S-7S SFR101S-7S <sup>(1)</sup> FR101SG-7SG	FR101-7 SFR101-7 <sup>(1)</sup> FR101G-7G	RGP10A-M BA157-9 1N4933-37							50-1000 50-1000 50-1000 50-1000 400-600 50-600	150-500 150-500 150-500 150-500 150-250 200
1.5A				FR151-7 SFR151-7 <sup>(1)</sup> FR151G-7G RGP15A-M							50-1000 50-1000 50-1000 50-1000	150-500 150-500 150-500 150-500
2A				FR201-7 SFR201-7 FR201G-7G RGP20A-M BY296-9							50-1000 50-1000 50-1000 50-1000 100-800	150-500 150-500 150-500 150-500 250
3A				FR301-7 SFR301-7 <sup>(1)</sup> FR301G-7G RGP30A-M BY396-9 MR850-8							50-1000 50-1000 50-1000 50-1000 100-800 50-800	150-500 150-500 150-500 150-500 250 100-150
6A						FR601-7 SFR601-7 <sup>(1)</sup> FR601G-7G					50-1000 50-1000 50-1000	150-500 150-500 150-500
8A							FRA801G-7G		FRAF801G-7G		50-1000	150-500
10A							FRA1001G-7G	FR1001G-7G	FRAF1001G-7G	FRF1001G-7G	50-1000	150-500
16A							FRA1601G-7G	FR1601G-7G	FRAF1601G-7G	FRF1601G-7G	50-1000	150-500

SILASTIC PASSIVATION  
GLASS PASSIVATION  
SUPERDIODE GLASS PASSIVATION  
(1) Soft recovery series

# HIGH EFFICIENT RECTIFIERS

$t_{rr} = 50\text{ ns to } 80\text{ ns}$



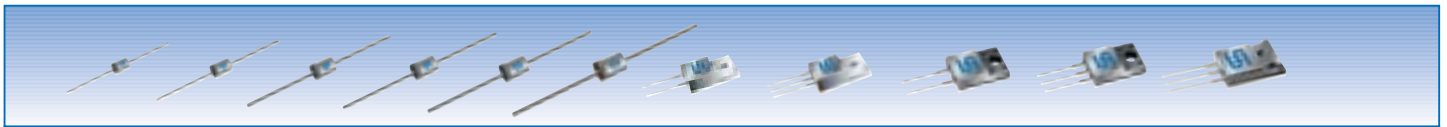
IF (A)	TS-1	A-405	D0-41	D0-15	D0-201AD	R-6	TO-220AC	TO-220AB (dual)	ITO-220AC	ITO-220AB (dual)	TO-3P/ TO-247AD	Voltage Range $V_{BR}$ (V)	$t_{rr}$ (ns)
1A	HT11-8 HT11G-8G	HER101S-8S HER101SG-8SG	HER101-8 HER101G-8G	MUR160 MUR190 UF1A-M UF4001-7 EGP10A-K								600 900 50-1000 50-1000 50-1000 50-1000 50-800	50 50 50-75 50-75 50-75 50-75 50-75
1.5A				HER151-8 HER151G-8G								50-1000 50-1000	50-75 50-75
2A				HER201-8 HER201G-8G EGP20A-K								50-1000 50-1000 50-800	50-75 50-75 50-75
3A				HER301-8 HER301G-8G EGP30A-K								50-1000 50-1000 50-800	50-75 50-75 50-75
4A				MUR440-60								400-600	50
6A						HER601-8 HER601G-8G						50-1000 50-1000	50-75 50-75
8A							HERA801G-8G		HERAF801G-8G			50-1000	50-80
10A								HER1001G-8G		HERF1001G-8G		50-1000	50-80
16A								MUR1620CT-60CT				200-600	50
30A							HERA1601G-8G	HER1601G-8G	HERAF1601G-8G	HERF1601G-8G	HER1601PT-8PT	50-1000	50-80
											HER3001PT-8PT	50-1000	50-80

SILASTIC PASSIVATION  
GLASS PASSIVATION  
SUPERDIODE GLASS PASSIVATION  
NEW PRODUCTS



# SUPER FAST RECTIFIERS

$t_{rr} = 15 \text{ ns to } 35 \text{ ns}$



IF (A)	TS-1	A-405	D0-41	D0-15	D0-201AD	R-6	TO-220AC	TO-220AB (dual)	ITO-220AC	ITO-220AB (dual)	TO-3P/TO-247AD	Voltage Range $V_{BR}$ (V)	$t_{rr}$ (ns)
1A	SFT11-8	SF11S-8S	UG1A-D SF11-8									50-200	15
	SFT1G1-8G	SF11SG-8SG	SF11G-8G									50-600	35
			TBYV26C									50-600	35
												600	30
2A				UG2D SF21-8								200	15
				SF21G-8G								50-600	35
												50-600	35
3A					SF31-8							50-600	35
					SF31G-8G							50-600	35
4A												200	20
					UG4D SF41G-4G							50-200	35
5A									SFAF504G			200	35
										SFF501G-8G		50-600	35
6A					SF61-8							50-600	35
					SF61G-8G							50-600	35
8A							SFA801G-8G		SFAF801G-8G			50-600	35
10A								SF1004G-Q1				200	25
								SF1001G-8G		SFF1001G-8G		50-600	35
16A							SFA1601G-8G	SF1601G-8G	SFAF1601G-8G	SFF1601G-8G	SF1601PT-8PT	50-600	35
20A											SF2004PT-05PT	200-350	35
30A											SF3001PT-8PT	50-600	35

SILASTIC PASSIVATION  
GLASS PASSIVATION  
UNDER DEVELOPMENT  
NEW PRODUCTS

# LEADED SCHOTTKY RECTIFIERS

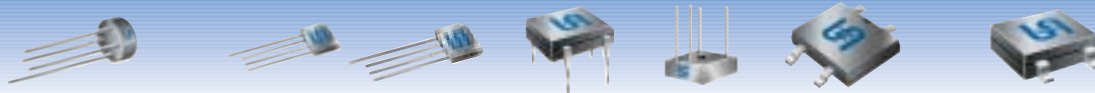


IF (A)	TS-1	D0-41	D0-15	D0-201AD	TO-220AC	TO-220AB (dual)	ITO-220AC	ITO-220AB (dual)	TO-3P/TO-247AD (dual)	Voltage Range $V_{BR}$ (V)
0.5A		SR002-6								20-60
1A	SRT12-10	SR102-10								20-100
		1N5817-19								20-40
2A			SR202-10							20-100
3A				SR302-10						20-100
5A							MBR545			45
					SR502-10					20-100
					SR520					200
7.5A						MBR735-100	MBRF735-100			35-100
8A				SR802-10						20-100
					SRA820-60		SRAF820-60			20-60
					SRA8200					200
10A								MBRF10100CT		100
					MBR1035-100		MBRF1035-100			35-100
					SRA1020-60	SR1020-60	SRAF1020-60	SRF10100		100
								SRF1020-60		20-60
15A						MBR1535CT-100CT		MBRF1535CT-100CT		35-100
16A						MBR1635-100	MBRF1635-100			35-100
					SRA1620-60	SR1620-60	SRAF1620-60	SRF1620-60	SR1620PT-60PT	20-60
20A							MBR2035CT-100CT		MBRF2035CT-100CT	35-100
							MBR20200CT			200
							SR2020-60		SRF2020-60	20-60
30A							MBR2535CT-60CT		MBRF2535CT-60CT	35-60
									MBR3035PT-60PT	35-60
								SR3020PT-60PT	20-60	
40A									MBR4035PT-60PT	35-60
									SR4020PT-60PT	35-60
60A									MBR6060PT	60

NEW PRODUCTS  
UNDER DEVELOPMENT



# BRIDGES



IF (A)	RB-15 (low profile)	WOB	KBP	GBL	DB & DBL (low profile)	SB-3	MB	DBS	DBLS (low profile)	Voltage Range $V_{BR}$ (V)
0.5A/0.8A							MBS2-12 RMB2S-6S <sup>(1)</sup>			200-1200 200-1000
1A	1W005-10 1W005G-10G	1W005M-10M 1W005GM-10GM			DB101-7G DBL101-7G HDB101-7G <sup>(2)</sup>			DBS101-7G HDBS101-7G <sup>(1)</sup>	DBLS101-7G	50-1000 50-1000 50-1000 50-1000 50-1000 50-1000 50-1000
1.5A	W005-10 W005G-10G	W005M-10M W005GM-10GM			D2SB05-80 D2SBA05-80 DB151G-7G DBL151G-9G			DBS151G-7G	DBLS151G-9G	50-800 50-800 50-1000 50-1000 50-1000 50-1000 50-1400
2A		2W005M-10M 2W005GM-10GM								50-1000 50-1000 50-1000
3A							SB305-100 SB305G-100G			50-1000 50-1000

(1) Fast recovery 150ns  
(2) High efficient recovery 50-75ns

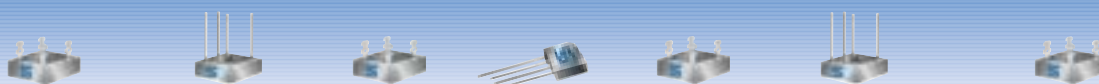
SILASTIC PASSIVATION  
GLASS PASSIVATION  
NEW PRODUCTS



IF (A)	KBL	KBU	GBU	GBL	TS-4B	TS-6P	SB-6	SBT-6	SB-10	Voltage Range $V_{BR}$ (V)
4A	KBL401-7 KBL401G-7G	KBU401-7 KBU401G-7G	GBU401-7	GBL005-1000 GBLA005-1000	TS4B01G-7G TSS4B01G-3G <sup>(3)</sup>					50-1000 50-1000 50-200
6A		KBU601-7 KBU601G-7G	GBU601-7		TS6B01G-7G	TS6P01G-7G	SB601-7 SB601G-7G	SBT601-7 SBT601G-7G		50-1000 50-1000
8A		KBU801-7 KBU801G-7G	GBU801-7		TS8P01G-7G				SB801-7 SB801G-7G	50-1000 50-1000
10A		KBU1001-7 KBU1001G-7G			TS10P01G-7G				SB101-7 SB101G-7G	50-1000 50-1000

(3) Super fast recovery 35ns

SILASTIC PASSIVATION  
GLASS PASSIVATION  
NEW PRODUCTS



IF (A)	SB35	SB35-W	SB35-M	TS-6P	GBPC	GBPC-W	GBPC40	GBPC40-M	Voltage Range $V_{BR}$ (V)
15A	SB1505-10 SB1505G-10G	SB1505W-10W SB1505GW-10GW	SB1505M-10M SB1505GM-10GM	TS15P01G-7G	GBPC15005-10	GBPC15005W-10W		GBPC15005M-10M	50-1000 50-1000
20A				TS20P01G-7G					50-1000
25A	SB2505-10 SB2505G-10G	SB2505W-10W SB2505GW-10GW	SB2505M-10M SB2505GM-10GM	TS25P01G-7G	GBPC25005-10	GBPC25005W-10W		GBPC25005M-10M	50-1000 50-1000
35A	SB3505-10 SB3505G-10G	SB3505W-10W SB3505GW-10GW	SB3505M-10M SB3505GM-10GM		GBPC35005-10	GBPC35005W-10W		GBPC35005M-10M	50-1000 50-1000
40A							GBPC40005-10	GBPC40005M-10M	50-1000
50A							GBPC50005-10	GBPC50005M-10M	50-1000

SILASTIC PASSIVATION  
GLASS PASSIVATION