



SMA

SMB

300W Unidirectional

SMAJ(A)			300W Peak Power, Unidirectional (dc), 5%							Manufacturer: GS/ST				Package: SMA/DO-214AC			
Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code
Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST	
5	6.4	7.0	AE	AE	SMAJ5.0A	18	20.0	22.1	BT	DUQ	SMAJ18A	60	66.7	73.7	RK	-	SMAJ60A
6	6.67	7.37	AG	DUB	SMAJ6.0A	20	22.2	24.5	BV	DUR	SMAJ20A	64	71.1	78.6	RM	-	SMAJ64A
6.5	7.22	7.98	AK	DUC	SMAJ6.5A	22	24.4	26.9	BX	DUS	SMAJ22A	70	77.8	86.0	RP	EUI	SMAJ70A
7	7.78	8.60	AM	-	SMAJ7.0A	24	26.7	29.5	BZ	DUT	SMAJ24A	75	83.3	92.1	RR	-	SMAJ75A
7.5	8.33	9.21	AP	-	SMAJ7.5A	26	28.9	31.9	CE	DUU	SMAJ26A	78	86.7	95.8	RT	-	SMAJ78A
8	8.89	9.83	AR	-	SMAJ8.0A	28	31.1	34.4	CG	CG	SMAJ28A	85	94.4	104	RV	EUL	SMAJ85A
8.5	9.44	10.4	AT	DUH	SMAJ8.5A	30	33.3	36.8	CK	CK	SMAJ30A	90	100	111	RX	-	SMAJ90A
9	10.0	11.1	AV	-	SMAJ9.0A	33	36.7	40.6	CM	CM	SMAJ33A	100	111	123	RZ	EUN	SMAJ100A
9	10.0	11.1	AV	-	SMAJ9.0A	33	36.7	40.6	CM	CM	SMAJ33A	100	111	123	RZ	EUN	SMAJ100A
10	11.1	12.3	AX	AX	SMAJ10A	36	40.0	44.2	CP	-	SMAJ36A	110	122	135	SE	-	SMAJ110A
11	12.2	13.5	AZ	-	SMAJ11A	40	44.4	49.1	CR	DUZ	SMAJ40A	120	133	147	SG	-	SMAJ120A
12	13.3	14.7	BE	DUK	SMAJ12A	43	47.8	52.8	CT	EUA	SMAJ43A	130	144	159	SK	EUQ	SMAJ130A
13	14.4	15.9	BG	BG	SMAJ13A	45	50.0	55.3	CV	-	SMAJ45A	150	167	185	SM	-	SMAJ150A
14	15.6	17.2	BK	-	SMAJ14A	48	53.3	58.9	CX	CX	SMAJ48A	154	171	189	-	EUT	SMAJ154A
15	16.7	18.5	BM	BM	SMAJ15A	51	56.7	62.7	CZ	-	SMAJ51A	160	178	197	SP	-	SMAJ160A
16	17.8	19.7	BP	-	SMAJ16A	54	60.0	66.3	RE	-	SMAJ54A	170	189	209	SR	SR	SMAJ170A
17	18.9	20.9	BR	-	SMAJ17A	58	64.4	71.2	RG	EUJ	SMAJ58A	188	209	231	-	EUV	SMAJ188A

300W Bidirectional

SMAJ(CA)			300W Peak Power, Bidirectional (ac), 5%							Manufacturer: GS/ST				Package: SMA/DO-214AC			
Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code
Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST	
5	6.4	7.07	WE	AA	SMAJ5.0CA	18	20.0	22.1	XT	DBQ	SMAJ18CA	60	66.7	73.7	ZK	-	SMAJ60CA
6	6.67	7.37	WG	DBB	SMAJ6.0CA	20	22.2	24.5	XV	DBR	SMAJ20CA	64	71.1	78.6	ZM	-	SMAJ64CA
6.5	7.22	7.98	WK	DBC	SMAJ6.5CA	22	24.4	26.9	XX	DBS	SMAJ22CA	70	77.8	86.0	ZP	EBI	SMAJ70CA
7	7.78	8.60	WM	-	SMAJ7.0CA	24	26.7	29.5	XZ	DBT	SMAJ24CA	75	83.3	92.1	ZR	-	SMAJ75CA
7.5	8.33	9.21	WP	-	SMAJ7.5CA	26	28.9	31.9	YE	DBU	SMAJ26CA	78	86.7	95.8	ZT	-	SMAJ78CA
8	8.89	9.83	WR	-	SMAJ8.0CA	28	31.1	34.4	YG	CH	SMAJ28CA	85	94.4	104	ZV	EBL	SMAJ85CA
8.5	9.44	10.4	WT	DBH	SMAJ8.5CA	30	33.3	36.8	YK	CL	SMAJ30CA	90	100	111	ZX	-	SMAJ90CA
9	10.0	11.1	WV	-	SMAJ9.0CA	33	36.7	40.6	YM	CN	SMAJ33CA	100	111	123	ZZ	EBN	SMAJ100CA
9	10.0	11.1	WV	-	SMAJ9.0CA	33	36.7	40.6	YM	CN	SMAJ33CA	100	111	123	ZZ	EBN	SMAJ100CA
10	11.1	12.3	WX	AC	SMAJ10CA	36	40.0	44.2	YP	-	SMAJ36CA	110	122	135	VE	-	SMAJ110CA
11	12.2	13.5	WZ	-	SMAJ11CA	40	44.4	49.1	YR	DBZ	SMAJ40CA	120	133	147	VG	-	SMAJ120CA
12	13.3	14.7	XE	DBK	SMAJ12CA	43	47.8	52.8	YT	EBA	SMAJ43CA	130	144	159	VK	EBQ	SMAJ130CA
13	14.4	15.9	XG	BH	SMAJ13CA	45	50.0	55.3	YV	-	SMAJ45CA	150	167	185	VM	-	SMAJ150CA
14	15.6	17.2	XK	-	SMAJ14CA	48	53.3	58.9	YX	CY	SMAJ48CA	154	171	189	-	EBT	SMAJ154CA
15	16.7	18.5	XM	AJ	SMAJ15CA	51	56.7	62.7	YZ	-	SMAJ51CA	160	178	197	VP	-	SMAJ160CA
16	17.8	19.7	XP	-	SMAJ16CA	54	60.0	66.3	ZE	-	SMAJ54CA	170	189	209	VR	SS	SMAJ170CA
17	18.9	20.9	XR	-	SMAJ17CA	58	64.4	71.2	ZG	EBF	SMAJ58CA	188	209	231	-	EBV	SMAJ188CA

600W Unidirectional

SMBJ(A)			600W Peak Power, Unidirectional (dc), 5%							Manufacturer: GS/ST				Package: SMB/DO-214AA			
Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code	Voltage (V)			Marking Code		Device & Anglia Order Code
Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST		Max. Cont.	Breakdown min.	max.	GS	ST	
5	6.4	7.07	KE	BUZ	SMBJ5.0A	18	20.0	22.1	LT	BUH	SMBJ18A	60	66.7	73.7	NK	-	SMBJ60A
6	6.67	7.37	KG	BUA	SMBJ6.0A	20	22.2	24.5	LV	BUI	SMBJ20A	64	71.1	78.6	NM	-	SMBJ64A
6.5	7.22	7.98	KK	BUB	SMBJ6.5A	22	24.4	26.9	LX	BVA	SMBJ22A	70	77.8	86.0	NP	CUM	SMBJ70A
7	7.78	8.6	KM	-	SMBJ7.0A	24	26.7	29.5	LZ	BUJ	SMBJ24A	75	83.3	92.1	NR	-	SMBJ75A
7.5	8.33	9.21	KP	-	SMBJ7.5A	26	28.9	31.9	ME	BUK	SMBJ26A	78	86.7	95.8	NT	-	SMBJ78A
8	8.89	9.83	KR	-	SMBJ8.0A	28	31.1	34.4	MG	BUL	SMBJ28A	85	94.4	104	NV	BUQ	SMBJ85A
8.5	9.44	10.4	KT	BUC	SMBJ8.5A	30	33.3	36.8	MK	BUJ	SMBJ30A	90	100	111	NX	-	SMBJ90A
9	10.0	11.1	KV	-	SMBJ9.0A	33	36.7	40.6	MM	BUN	SMBJ33A	100	111	123	NZ	CUQ	SMBJ100A
9	10.0	11.1	KV	-	SMBJ9.0A	33	36.7	40.6	MM	BUN	SMBJ33A	100	111	123	NZ	CUQ	SMBJ100A
10	11.1	12.3	KX	BUD	SMBJ10A	36	40.0	44.2	MP	-	SMBJ36A	110	122	135	PE	-	SMBJ110A
10	11.1	12.3	KX	-	SMBJ10A	36	40.0	44.2	MP	-	SMBJ36A	110	122	135	PE	-	SMBJ110A
11	12.2	13.5	KZ	-	SMBJ11A	40	44.4	49.1	MR	CUJ	SMBJ40A	120	133	147	PG	-	SMBJ120A
12	13.3	14.7	LE	BUE	SMBJ12A	43	47.8	52.8	MT	-	SMBJ43A	130	144	159	PK	BUS	SMBJ130A
13	14.4	15.9	LG	BUF	SMBJ13A	45	50.0	55.3	MV	-	SMBJ45A	150	167	185	PM	-	SMBJ150A
14	15.6	17.2	LK	-	SMBJ14A	48	53.3	58.9	MX	BUW	SMBJ48A	154	171	189	-	BUT	SMBJ154A
15	16.7	18.5	LM	BUG	SMBJ15A	51	56.7	62.7	MZ	-	SMBJ51A	160	178	197	PP	-	SMBJ160A
16	17.8	19.7	LP	-	SMBJ16A	54	60.0	66.3	NE	-	SMBJ54A	170	189	209	PR	BUU	SMBJ170A
17	18.9	20.9	LR	-	SMBJ17A	58	64.4	71.2	NG	BUO	SMBJ58A	188	209	231	-	BUV	SMBJ188A

STATE MANUFACTURER WHEN ORDERING

Surface Mount TVS Diodes continued overleaf > > >





SMB

SMC

600W Bidirectional

SMBJ(CA) 600W Peak Power, Bidirectional (ac), 5%										Manufacturer: GS/ST					Package: SMB/DO-214AA				
Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code		
	min.	max.	GS	ST			min.	max.	GS	ST			min.	max.	GS	ST			
5	6.4	7.07	KE	BBZ	SMBJ5.0CA	18	20.0	22.1	BT	BBH	SMBJ18CA	60	66.7	73.7	NK	-	SMBJ60CA		
6	6.67	7.37	KG	BBA	SMBJ6.0CA	20	22.2	24.5	LV	BBI	SMBJ20CA	64	71.1	78.6	NM	-	SMBJ64CA		
6.5	7.22	7.98	AK	BBB	SMBJ6.5CA	22	24.4	26.9	BX	CBH	SMBJ22CA	70	77.8	86.0	NP	CBM	SMBJ70CA		
7	7.78	8.6	KM	-	SMBJ7.0CA	24	26.7	29.5	BZ	BBJ	SMBJ24CA	75	83.3	92.1	NR	-	SMBJ75CA		
7.5	8.33	9.21	AP	-	SMBJ7.5CA	26	28.9	31.9	CE	BBK	SMBJ26CA	78	86.7	95.8	NT	-	SMBJ78CA		
8	8.89	9.83	AR	-	SMBJ8.0CA	28	31.1	34.4	MG	BBL	SMBJ28CA	85	94.4	104	NV	BBQ	SMBJ85CA		
8.5	9.44	10.4	AT	BBC	SMBJ8.5CA	30	33.3	36.8	CK	BBM	SMBJ30CA	90	100	111	NX	-	SMBJ90CA		
9	10.0	11.1	AV	-	SMBJ9.0CA	33	36.7	40.6	CM	BBN	SMBJ33CA	100	111	123	NZ	CBQ	SMBJ100CA		
10	11.1	12.3	AX	BBD	SMBJ10CA	36	40	44.2	CP	-	SMBJ36CA	110	122	135	PE	-	SMBJ110CA		
11	12.2	13.5	KZ	-	SMBJ11CA	40	44.4	49.1	CR	CBJ	SMBJ40CA	120	133	147	PG	-	SMBJ120CA		
12	13.3	14.7	BE	BBE	SMBJ12CA	43	47.8	52.8	CT	-	SMBJ43CA	130	144	159	PK	BBS	SMBJ130CA		
13	14.4	15.9	LG	BBF	SMBJ13CA	45	50	55.3	MV	-	SMBJ45CA	150	167	185	PM	-	SMBJ150CA		
14	15.6	17.2	BK	-	SMBJ14CA	48	53.3	58.9	MX	BBW	SMBJ48CA	154	171	189	-	BBT	SMBJ154CA		
15	16.7	18.5	BM	BBG	SMBJ15CA	51	56.7	62.7	MZ	-	SMBJ51CA	160	178	197	PP	-	SMBJ160CA		
16	17.8	19.7	LM	-	SMBJ16CA	54	60	66.3	NE	-	SMBJ54CA	170	189	209	PR	BBU	SMBJ170CA		
17	18.9	20.9	LR	-	SMBJ17CA	58	64.4	71.2	NG	BBO	SMBJ58CA	188	209	231	-	BBV	SMBJ188CA		

1500W Unidirectional

SMCJ(A) 1500W Peak Power, Unidirectional (dc), 5%										Manufacturer: GS/ST					Package: SMC/DO-214AB				
Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code		
	min.	max.	GS	ST			min.	max.	GS	ST			min.	max.	GS	ST			
5	6.4	7.07	GDE	FUA	SMCJ5.0A	18	20.0	22.1	GET	FUL	SMCJ18A	60	66.7	73.7	GGK	GUA	SMCJ60A		
6	6.7	7.37	GDG	FUB	SMCJ6.0A	20	22.2	24.5	GEV	FUM	SMCJ20A	64	71.1	78.6	GGM	-	SMCJ64A		
6.5	7.2	7.98	GDK	FUC	SMCJ6.5A	22	24.4	26.9	GEX	FUN	SMCJ22A	70	77.8	86.0	GGP	GUB	SMCJ70A		
7	7.8	8.6	GDM	-	SMCJ7.0A	24	26.7	29.5	GEZ	FUO	SMCJ24A	75	83.3	92.1	GGR	-	SMCJ75A		
7.5	8.3	9.21	GDP	-	SMCJ7.5A	26	28.9	31.9	GFE	FUP	SMCJ26A	78	86.7	95.8	GGT	-	SMCJ78A		
8	8.9	9.83	GDR	-	SMCJ8.0A	28	31.1	34.4	GFG	FUQ	SMCJ28A	85	94.4	104	GGV	GUE	SMCJ85A		
8.5	9.4	10.4	GDT	FUD	SMCJ8.5A	30	33.3	36.8	GFK	FUR	SMCJ30A	90	100	111	GGX	-	SMCJ90A		
9	10.0	11.1	GDV	-	SMCJ9.0A	33	36.7	40.6	GFM	FUS	SMCJ33A	100	111	123	GGZ	GUG	SMCJ100A		
10	11.1	12.3	GDX	FUF	SMCJ10A	36	40.0	44.2	GFP	-	SMCJ36A	110	122	135	GHE	-	SMCJ110A		
11	12.2	13.5	GDZ	-	SMCJ11A	40	44.4	49.1	GFR	FUU	SMCJ40A	120	133	147	GHG	-	SMCJ120A		
12	13.3	14.7	GEE	FUH	SMCJ12A	43	47.8	52.8	GFT	-	SMCJ43A	130	144	159	GHK	GUI	SMCJ130A		
13	14.4	15.9	GEG	FUI	SMCJ13A	45	50.0	55.3	GFV	-	SMCJ45A	150	167	185	GHM	-	SMCJ150A		
14	15.6	17.2	G EK	-	SMCJ14A	48	53.3	58.9	GFX	FUW	SMCJ48A	154	171	189	-	GUL	SMCJ154A		
15	16.7	18.5	GEM	FUJ	SMCJ15A	51	56.7	62.7	GFZ	-	SMCJ51A	160	178	197	GHP	-	SMCJ160A		
16	17.8	19.7	GEP	-	SMCJ16A	54	60.0	66.3	GGE	-	SMCJ54A	170	189	209	GHR	GUM	SMCJ170A		
17	18.9	20.9	GER	-	SMCJ17A	58	64.4	71.2	GGG	FUZ	SMCJ58A	188	209	231	-	GUN	SMCJ188A		

1500W Bidirectional

SMCJ(CA) 1500W Peak Power, Bidirectional (ac), 5%										Manufacturer: GS/ST					Package: SMC/DO-214AB				
Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code	Max. Cont.	Voltage (V) Breakdown		Marking Code		Device & Anglia Order Code		
	min.	max.	GS	ST			min.	max.	GS	ST			min.	max.	GS	ST			
5	6.4	7.07	GDE	FBA	SMCJ5.0CA	18	20.0	22.1	BET	FBL	SMCJ18CA	60	66.7	73.7	GGR	GBA	SMCJ60CA		
6	6.7	7.37	GDG	FBB	SMCJ6.0CA	20	22.2	24.5	BEV	FBM	SMCJ20CA	64	71.1	78.6	GGM	-	SMCJ64CA		
6.5	7.2	7.98	BDK	FBC	SMCJ6.5CA	22	24.4	26.9	BEX	FBN	SMCJ22CA	70	77.8	86.0	GGP	GBB	SMCJ70CA		
7	7.8	8.6	GDM	-	SMCJ7.0CA	24	26.7	29.5	BEZ	FBO	SMCJ24CA	75	83.3	92.1	GGR	-	SMCJ75CA		
7.5	8.3	9.21	BDP	-	SMCJ7.5CA	26	28.9	31.9	BFE	FBP	SMCJ26CA	78	86.7	95.8	GGT	-	SMCJ78CA		
8	8.9	9.83	BDR	-	SMCJ8.0CA	28	31.1	34.4	BFG	FBQ	SMCJ28CA	85	94.4	104	GGV	GBE	SMCJ85CA		
8.5	9.4	10.4	BDT	FBD	SMCJ8.5CA	30	33.3	36.8	BFK	FBR	SMCJ30CA	90	100	111	GGX	-	SMCJ90CA		
9	10.0	11.1	BDV	-	SMCJ9.0CA	33	36.7	40.6	BFM	FBS	SMCJ33CA	100	111	123	GGZ	GBG	SMCJ100CA		
10	11.1	12.3	BDX	FBF	SMCJ10CA	36	40.0	44.2	BFP	-	SMCJ36CA	110	122	135	GHE	-	SMCJ110CA		
11	12.2	13.5	G DZ	-	SMCJ11CA	40	44.4	49.1	BFR	FBU	SMCJ40CA	120	133	147	GHG	-	SMCJ120CA		
12	13.3	14.7	BEE	FBH	SMCJ12CA	43	47.8	52.8	BFT	-	SMCJ43CA	130	144	159	GHK	GBI	SMCJ130CA		
13	14.4	15.9	GEG	FBI	SMCJ13CA	45	50.0	55.3	GFV	-	SMCJ45CA	150	167	185	GHM	-	SMCJ150CA		
14	15.6	17.2	BEK	-	SMCJ14CA	48	53.3	58.9	GFX	FBW	SMCJ48CA	154	171	189	-	GBL	SMCJ154CA		
15	16.7	18.5	BEM	FBJ	SMCJ15CA	51	56.7	62.7	GFZ	-	SMCJ51CA	160	178	197	GHP	-	SMCJ160CA		
16	17.8	19.7	GEP	-	SMCJ16CA	54	60.0	66.3	GGE	-	SMCJ54CA	170	189	209	GHR	GBM	SMCJ170CA		
17	18.9	20.9	GER	-	SMCJ17CA	58	64.4	71.2	GGG	FBZ	SMCJ58CA	188	209	231	-	GBN	SMCJ188CA		

STATE MANUFACTURER WHEN ORDERING



400W Unidirectional

P4KE(A) 400W Peak Power, Unidirectional (dc), 5%				Manufacturer: GS				Package: DO41			
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code
	min.	max.			min.	max.			min.	max.	
5.8	6.45	7.14	P4KE6.8A	25.6	28.5	31.5	P4KE30A	102	114	126	P4KE120A
6.4	7.13	7.88	P4KE7.5A	28.2	31.4	34.7	P4KE33A	111	124	137	P4KE130A
7.02	7.79	8.61	P4KE8.2A	30.8	34.2	37.8	P4KE36A	128	143	158	P4KE150A
7.78	8.65	9.55	P4KE9.1A	33.3	37.1	41	P4KE39A	136	152	168	P4KE160A
8.55	9.5	10.5	P4KE10A	36.8	40.9	45.2	P4KE43A	145	162	179	P4KE170A
9.4	10.5	11.6	P4KE11A	40.2	44.7	49.4	P4KE47A	154	171	189	P4KE180A
10.2	11.4	12.6	P4KE12A	43.6	48.5	53.6	P4KE51A	171	190	210	P4KE200A
11.1	12.4	13.7	P4KE13A	47.8	53.2	58.8	P4KE56A	185	209	231	P4KE220A
12.8	14.3	15.8	P4KE15A	53.0	58.9	65.1	P4KE62A	214	237	263	P4KE250A
13.6	15.2	16.8	P4KE16A	58.1	64.6	71.4	P4KE68A	256	285	315	P4KE300A
15.3	17.1	18.9	P4KE18A	64.1	71.3	78.8	P4KE75A	300	333	368	P4KE350A
17.1	19.0	21.0	P4KE20A	70.1	77.9	86.1	P4KE82A	342	380	420	P4KE400A
18.8	20.9	23.1	P4KE22A	77.8	86.5	95.5	P4KE91A	376	418	462	P4KE440A
20.5	22.8	25.2	P4KE24A	85.5	95	105	P4KE100A				
23.2	25.7	28.4	P4KE27A	94.0	105	116	P4KE110A				

10% tolerance on breakdown voltage also available

400W Bidirectional

P4KE(CA) 400W Peak Power, Bidirectional (ac), 5%				Manufacturer: GS				Package: DO41			
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code
	min.	max.			min.	max.			min.	max.	
5.8	6.45	7.14	P4KE6.8CA	25.6	28.5	31.5	P4KE30CA	102	114	126	P4KE120CA
6.4	7.13	7.88	P4KE7.5CA	28.2	31.4	34.7	P4KE33CA	111	124	137	P4KE130CA
7.02	7.79	8.61	P4KE8.2CA	30.6	34.2	37.8	P4KE36CA	128	143	158	P4KE150CA
7.78	8.65	9.55	P4KE9.1CA	33.3	37.1	41	P4KE39CA	136	152	168	P4KE160CA
8.55	9.5	10.5	P4KE10CA	36.8	40.9	45.2	P4KE43CA	145	162	179	P4KE170CA
9.4	10.5	11.8	P4KE11CA	40.2	44.7	49.4	P4KE47CA	154	171	189	P4KE180CA
10.2	11.4	12.6	P4KE12CA	43.6	48.5	53.6	P4KE51CA	171	195	210	P4KE200CA
11.1	12.4	13.7	P4KE13CA	47.8	53.2	58.8	P4KE56CA	195	209	231	P4KE220CA
12.8	14.3	15.8	P4KE15CA	53.0	58.9	65.1	P4KE62CA	214	237	263	P4KE250CA
13.6	15.2	16.9	P4KE16CA	58.1	64.6	71.4	P4KE68CA	256	285	315	P4KE300CA
15.3	17.1	18.9	P4KE18CA	64.1	71.3	78.8	P4KE75CA	300	332	368	P4KE350CA
17.1	19.0	21.0	P4KE20CA	70.1	77.9	86.1	P4KE82CA	342	380	420	P4KE400CA
18.8	20.9	23.1	P4KE22CA	77.8	86.5	95.5	P4KE91CA	376	418	462	P4KE440CA
20.5	22.8	25.2	P4KE24CA	85.5	95	105	P4KE100CA				
23.2	25.7	28.4	P4KE27CA	94.0	105	116	P4KE110CA				

10% tolerance on breakdown voltage also available

500W Unidirectional



SA(A) 500W Peak Power, Unidirectional (dc), 5%				Manufacturer: GS				Package: DO15			
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code
	min.	max.			min.	max.			min.	max.	
5.0	6.40	7.00	SA5.0A	18	20.0	22.1	SA18A	60	66.7	73.7	SA60A
6.0	6.67	7.37	SA6.0A	20	22.2	24.5	SA20A	64	71.1	78.6	SA64A
6.5	7.22	7.98	SA6.5A	22	24.4	26.9	SA22A	70	77.8	86.0	SA70A
7.0	7.78	8.60	SA7.0A	24	26.7	29.5	SA24A	75	83.3	92.1	SA75A
7.5	8.33	9.21	SA7.5A	26	28.9	31.9	SA26A	78	86.7	95.8	SA78A
8.0	8.89	9.83	SA8.0A	28	31.1	34.4	SA28A	85	94.4	104.0	SA85A
8.5	9.44	10.4	SA8.5A	30	33.3	36.8	SA30A	90	100.0	111.0	SA90A
9.0	10.0	11.1	SA9.0A	33	36.7	40.6	SA33A	100	111.0	123.0	SA100A
10	11.1	12.3	SA10A	36	40.0	44.2	SA36A	110	122.0	135.0	SA110A
11	12.2	13.5	SA11A	40	44.4	49.1	SA40A	120	133.0	147.0	SA120A
12	13.3	14.7	SA12A	43	47.8	52.8	SA43A	130	144.0	159.0	SA130A
13	14.4	15.9	SA13A	45	50.0	55.3	SA45A	150	167.0	185.0	SA150A
14	15.6	17.2	SA14A	48	53.3	58.9	SA48A	160	178.0	197.0	SA160A
15	16.7	18.5	SA15A	51	56.7	62.7	SA51A	170	189.0	209.0	SA170A
16	17.8	19.7	SA16A	54	60.0	66.3	SA54A				
17	18.9	20.9	SA17A	58	64.4	71.2	SA58A				

10% tolerance on breakdown voltage also available

Through Hole TVS Diodes continued overleaf > > >



DO15

500W Bidirectional

NEW

SA(CA)				500W Peak Power, Bidirectional (ac), 5%			Manufacturer: GS			Package: DO15		
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	
	min.	max.			min.	max.			min.	max.		
5	6.40	7.00	SA5.0CA	18	20.0	22.1	SA18CA	60	66.7	73.7	SA60CA	
6	6.67	7.37	SA6.0CA	20	22.2	24.5	SA20CA	64	71.1	78.6	SA64CA	
6.5	7.22	7.98	SA6.5CA	22	24.4	26.9	SA22CA	70	77.8	86.0	SA70CA	
7	7.78	8.60	SA7.0CA	24	26.7	29.5	SA24CA	75	83.3	92.1	SA75CA	
7.5	8.33	9.21	SA7.5CA	26	28.9	31.9	SA26CA	78	86.7	95.8	SA78CA	
8	8.89	9.83	SA8.0CA	28	31.1	34.4	SA28CA	85	94.4	104.0	SA85CA	
8.5	9.44	10.4	SA8.5CA	30	33.3	36.8	SA30CA	90	100.0	111.0	SA90CA	
9	10.0	11.1	SA9.0CA	33	36.7	40.6	SA33CA	100	111.0	123.0	SA100CA	
10	11.1	12.3	SA10CA	36	40.0	44.2	SA36CA	110	122.0	135.0	SA110CA	
11	12.2	13.5	SA11CA	40	44.4	49.1	SA40CA	120	133.0	147.0	SA120CA	
12	13.3	14.7	SA12CA	43	47.8	52.8	SA43CA	130	144.0	159.0	SA130CA	
13	14.4	15.9	SA13CA	45	50.0	55.3	SA45CA	150	167.0	185.0	SA150CA	
14	15.6	17.2	SA14CA	48	53.3	58.9	SA48CA	160	178.0	197.0	SA160CA	
15	16.7	18.5	SA15CA	51	56.7	62.7	SA51CA	170	189.0	209.0	SA170CA	
16	17.8	19.7	SA16CA	54	60.0	66.3	SA54CA					
17	18.9	20.9	SA17CA	58	64.4	71.2	SA58CA					

10% tolerance on breakdown voltage also available

600W Unidirectional

P6KE(A)				600W Peak Power, Unidirectional (dc), 5%			Manufacturer: GS/ST			Package: DO15		
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	
	min.	max.			min.	max.			min.	max.		
5.80	6.46	7.14	P6KE6.8A	25.6	28.5	31.5	P6KE30A	102	114	126	P6KE120A	
6.40	7.13	7.88	P6KE7.5A	28.2	31.4	34.7	P6KE33A	111	124	137	P6KE130A	
7.02	7.79	8.61	P6KE8.2A	30.8	34.2	37.8	P6KE36A	128	143	158	P6KE150A	
7.78	8.65	9.55	P6KE9.1A	33.3	37.1	41	P6KE39A	136	152	168	P6KE160A	
8.55	9.5	10.5	P6KE10A	36.8	40.9	45.2	P6KE43A	145	162	179	P6KE170A	
9.40	10.5	11.6	P6KE11A	40.2	44.7	49.4	P6KE47A	154	171	189	P6KE180A	
10.2	11.4	12.6	P6KE12A	43.6	48.5	53.6	P6KE51A	171	190	210	P6KE200A	
11.1	12.4	13.7	P6KE13A	47.8	53.2	58.8	P6KE56A	185	209	231	P6KE220A	
12.8	14.3	15.8	P6KE15A	53.0	58.9	65.1	P6KE62A	214	237	263	P6KE250A	
13.6	15.2	16.8	P6KE16A	58.1	64.6	71.4	P6KE68A	256	285	315	P6KE300A	
15.3	17.1	18.9	P6KE18A	64.1	71.3	78.8	P6KE75A	300	333	368	P6KE350A	
17.1	19.0	21.0	P6KE20A	70.1	77.9	86.1	P6KE82A	342	380	420	P6KE400A	
18.8	20.9	23.1	P6KE22A	77.8	86.5	95.5	P6KE91A	376	418	462	P6KE440A	
20.5	22.8	25.2	P6KE24A	85.5	95	105	P6KE100A					
23.1	25.7	28.4	P6KE27A	94.0	105	116	P6KE110A					

10% tolerance on breakdown voltage also available

600W Bidirectional

P6KE(CA)				600W Peak Power, Bidirectional (ac), 5%			Manufacturer: GS/ST			Package: DO15		
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	
	min.	max.			min.	max.			min.	max.		
5.80	6.46	7.14	P6KE6.8CA	25.6	28.5	31.5	P6KE30CA	102	114	126	P6KE120CA	
6.40	7.13	7.88	P6KE7.5CA	28.2	31.4	34.7	P6KE33CA	111	124	137	P6KE130CA	
7.02	7.79	8.61	P6KE8.2CA	30.8	34.2	37.8	P6KE36CA	128	143	158	P6KE150CA	
7.78	8.65	9.55	P6KE9.1CA	33.3	37.1	41	P6KE39CA	136	152	168	P6KE160CA	
8.55	9.5	10.5	P6KE10CA	36.8	40.9	45.2	P6KE43CA	145	162	179	P6KE170CA	
9.40	10.5	11.6	P6KE11CA	40.2	44.7	49.4	P6KE47CA	154	171	189	P6KE180CA	
10.2	11.4	12.6	P6KE12CA	43.6	48.5	53.6	P6KE51CA	171	190	210	P6KE200CA	
11.1	12.4	13.7	P6KE13CA	47.8	53.2	58.8	P6KE56CA	185	209	231	P6KE220CA	
12.8	14.3	15.8	P6KE15CA	53	58.9	65.1	P6KE62CA	214	237	263	P6KE250CA	
13.6	15.2	16.8	P6KE16CA	58.1	64.6	71.4	P6KE68CA	256	285	315	P6KE300CA	
15.3	17.1	18.9	P6KE18CA	64.1	71.3	78.8	P6KE75CA	300	333	368	P6KE350CA	
17.1	19.0	21.0	P6KE20CA	70.1	77.9	86.1	P6KE82CA	342	380	420	P6KE400CA	
18.8	20.9	23.1	P6KE22CA	77.8	86.5	95.5	P6KE91CA	376	418	462	P6KE440CA	
20.5	22.8	25.2	P6KE24CA	85.5	95	105	P6KE100CA					
23.1	25.7	28.4	P6KE27CA	94	105	116	P6KE110CA					

10% tolerance on breakdown voltage also available

STATE MANUFACTURER WHEN ORDERING



CB429
DO27

1500W Unidirectional

1N5908, 5V Logic Circuit Protection			1500W P/P, Unidirectional (dc)			Manufacturer: ST		Package: CB429	
V_{RM} (V)	I_{FSM} (A)	I_{RM} (μ A) at V_{RM}	V_{BR} (V) at I_R (mA)			Device & Anglia Order Code			
5	200	300	6			1		1N5908	

1.5KE(A)				1500W Peak Power, Unidirectional (dc), 5%				Manufacturer: GS/ST				Package: DO27			
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code				
	min.	max.			min.	max.			min.	max.					
5.8	6.46	7.14	1.5KE6.8A	25.6	28.5	31.5	1.5KE30A	102	114	126	1.5KE120A				
6.4	7.13	7.88	1.5KE7.5A	28.2	31.4	34.7	1.5KE33A	111	124	137	1.5KE130A				
7.02	7.79	8.61	1.5KE8.2A	30.8	34.2	37.8	1.5KE36A	128	143	158	1.5KE150A				
7.78	8.65	9.55	1.5KE9.1A	33.3	37.1	41.0	1.5KE39A	136	152	168	1.5KE160A				
8.55	9.5	10.5	1.5KE10A	36.8	40.9	45.2	1.5KE43A	145	162	179	1.5KE170A				
9.40	10.5	11.6	1.5KE11A	40.2	44.7	49.4	1.5KE47A	154	171	189	1.5KE180A				
10.2	11.4	12.6	1.5KE12A	43.6	48.5	53.6	1.5KE51A	171	190	210	1.5KE200A				
11.1	12.4	13.7	1.5KE13A	47.8	53.2	58.8	1.5KE56A	185	209	231	1.5KE220A				
12.8	14.3	15.8	1.5KE15A	53.0	58.9	65.1	1.5KE62A	214	237	263	1.5KE250A				
13.6	15.2	16.8	1.5KE16A	58.1	64.6	71.4	1.5KE68A	256	285	315	1.5KE300A				
15.3	17.1	18.9	1.5KE18A	64.1	71.3	78.8	1.5KE75A	300	330	368	1.5KE350A				
17.1	19.0	21.0	1.5KE20A	70.1	77.9	86.1	1.5KE82A	342	380	420	1.5KE400A				
18.8	20.9	23.1	1.5KE22A	77.8	86.5	95.5	1.5KE91A	376	418	462	1.5KE440A				
20.5	22.8	25.2	1.5KE24A	85.5	95.0	105	1.5KE100A								
23.1	25.7	28.4	1.5KE27A	94.0	105	116	1.5KE110A								

10% tolerance on breakdown voltage also available

1500W Bidirectional

1.5KE(CA)				1500W Peak Power, Bidirectional (ac), 5%				Manufacturer: GS/ST				Package: DO27			
Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code	Max. Continuous	Voltage (V) Breakdown		Device & Anglia Order Code				
	min.	max.			min.	max.			min.	max.					
5.8	6.46	7.14	1.5KE6.8CA	25.6	28.5	31.5	1.5KE30CA	102	114	126	1.5KE120CA				
6.4	7.13	7.88	1.5KE7.5CA	28.2	31.4	34.7	1.5KE33CA	111	124	137	1.5KE130CA				
7.02	7.79	8.61	1.5KE8.2CA	30.8	34.2	37.8	1.5KE36CA	128	143	158	1.5KE150CA				
7.78	8.65	9.55	1.5KE9.1CA	33.3	37.1	41.0	1.5KE39CA	136	152	168	1.5KE160CA				
8.55	9.5	10.5	1.5KE10CA	36.8	40.9	45.2	1.5KE43CA	145	162	179	1.5KE170CA				
9.4	10.5	11.6	1.5KE11CA	40.2	44.7	49.4	1.5KE47CA	154	171	189	1.5KE180CA				
10.2	11.4	12.6	1.5KE12CA	43.6	48.5	53.6	1.5KE51CA	171	190	210	1.5KE200CA				
11.1	12.4	13.7	1.5KE13CA	47.8	53.2	58.8	1.5KE56CA	185	209	231	1.5KE220CA				
12.8	14.3	15.8	1.5KE15CA	53.0	58.9	65.1	1.5KE62CA	214	237	263	1.5KE250CA				
13.6	15.2	16.8	1.5KE16CA	58.1	64.6	71.4	1.5KE68CA	256	285	315	1.5KE300CA				
15.3	17.1	18.9	1.5KE18CA	64.1	71.3	78.8	1.5KE75CA	300	330	368	1.5KE350CA				
17.1	19.0	21.0	1.5KE20CA	70.1	77.9	86.1	1.5KE82CA	342	380	420	1.5KE400CA				
18.8	20.9	23.1	1.5KE22CA	77.8	86.5	95.5	1.5KE91CA	376	418	462	1.5KE440CA				
20.5	22.8	25.2	1.5KE24CA	85.5	95.0	105	1.5KE100CA								
23.1	25.7	28.4	1.5KE27CA	94.0	105	116	1.5KE110CA								

10% tolerance on breakdown voltage also available



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STATE MANUFACTURER WHEN ORDERING