

Type		Maximum Reverse Leakage Current		(1) Breakdown Voltage				Max. Clamping Voltage	
		I_{RM}	at V_{RM}	V_{BR} at I_R			I_R	V_{CL} at I_{pp}	max. 1ms. Expo.
Unidirectional	Marking Code	(μA)	(V)	Min.	Nom.	Max.		(V)	(A)
P6SMB6V8	KD	1000	5.50	6.12	6.8	7.48	10	10.8	56
P6SMB6V8A	KE	1000	5.80	6.45	6.8	7.14	10	10.5	57
P6SMB7V5	KF	500	6.05	6.75	7.5	8.25	10	11.7	51
P6SMB7V5A	KG	500	6.40	7.13	7.5	7.88	10	11.3	53
P6SMB8V2	KH	200	6.63	7.38	8.2	9.02	10	12.5	48
P6SMB8V2A	KK	200	7.02	7.79	8.2	8.61	10	12.1	50
P6SMB9V1	KL	50	7.37	8.19	9.1	10.0	1	13.8	44
P6SMB9V1A	KM	50	7.78	8.65	9.1	9.55	1	13.4	45
P6SMB10	KN	10	8.10	9.00	10	11.0	1	15.0	40
P6SMB10A	KP	10	8.55	9.50	10	10.5	1	14.5	41
P6SMB11	KQ	5	8.92	9.90	11	12.1	1	16.2	37
P6SMB11A	KR	5	9.40	10.5	11	11.6	1	15.6	38
P6SMB12	KS	5	9.72	10.8	12	13.2	1	17.3	35
P6SMB12A	KT	5	10.2	11.4	12	12.6	1	16.7	36
P6SMB13	KU	5	10.5	11.7	13	14.3	1	19.0	32
P6SMB13A	KV	5	11.1	12.4	13	13.7	1	18.2	33
P6SMB15	KW	5	12.1	13.5	15	16.5	1	22.0	27
P6SMB15A	KX	5	12.8	14.3	15	15.8	1	21.2	28
P6SMB16	KY	5	12.9	14.4	16	17.6	1	23.5	26
P6SMB16A	KZ	5	13.6	15.2	16	16.8	1	22.5	27
P6SMB18	LD	5	14.5	16.2	18	19.8	1	26.5	23
P6SMB18A	LE	5	15.3	17.1	18	18.9	1	25.5	24
P6SMB20	LF	5	16.2	18.0	20	22.0	1	29.1	21
P6SMB20A	LG	5	17.1	19.0	20	21.0	1	27.7	22
P6SMB22	LH	5	17.8	19.8	22	24.2	1	31.9	19
P6SMB22A	LK	5	18.8	20.9	22	23.1	1	30.6	20
P6SMB24	LL	5	19.4	21.6	24	26.4	1	34.7	17
P6SMB24A	LM	5	20.5	22.8	24	25.2	1	33.2	18
P6SMB27	LN	5	21.8	24.3	27	29.7	1	39.1	15
P6SMB27A	QP	5	23.1	25.7	27	28.4	1	37.5	16
P6SMB30	LQ	5	24.3	27.0	30	33.0	1	43.5	14
P6SMB30A	LR	5	25.6	28.5	30	31.5	1	41.4	14.4
P6SMB33	LS	5	26.8	29.7	33	36.3	1	47.7	12.6
P6SMB33A	LT	5	28.2	31.4	33	34.7	1	45.7	13.2
P6SMB36	LU	5	29.1	32.4	36	39.6	1	52.0	11.6
P6SMB36A	LV	5	30.8	34.2	36	37.8	1	49.9	12
P6SMB39	LW	5	31.6	35.1	39	42.9	1	56.4	10.6
P6SMB39A	LX	5	33.3	37.1	39	41.0	1	53.9	11.2

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

Type		Maximum Reverse Leakage Current		(1) Breakdown Voltage				Max. Clamping Voltage	
		I_{RM}	at V_{RM}	V_{BR} at I_R			I_R	V_{CL} at I_{pp}	max. 1ms. Expo.
Unidirectional	Marking Code	(μA)	(V)	Min.	Nom.	Max.	(mA)	(V)	(A)
P6SMB43	LY	5	34.8	38.7	43	47.3	1	61.9	9.6
P6SMB43A	LZ	5	36.8	40.9	43	45.2	1	59.3	10.1
P6SMB47	MD	5	38.1	42.3	47	51.7	1	67.8	8.9
P6SMB47A	ME	5	40.2	44.7	47	49.4	1	64.8	9.3
P6SMB51	MF	5	41.3	45.9	51	56.1	1	73.5	8.2
P6SMB51A	MG	5	43.6	48.5	51	53.6	1	70.1	8.6
P6SMB56	MH	5	45.4	50.4	56	61.6	1	80.5	7.4
P6SMB56A	MK	5	47.8	53.2	56	58.8	1	77.0	7.8
P6SMB62	ML	5	50.2	55.8	62	68.2	1	89.0	6.8
P6SMB62A	MM	5	53.0	58.9	62	65.1	1	85.0	7.1
P6SMB68	MN	5	55.1	61.2	68	74.8	1	98.0	6.1
P6SMB68A	MP	5	58.1	64.6	68	71.4	1	92.0	6.5
P6SMB75	MQ	5	60.7	67.5	75	82.5	1	108	5.5
P6SMB75A	MR	5	64.1	71.3	75	78.8	1	103	5.8
P6SMB82	MS	5	66.4	73.8	82	90.2	1	118	5.1
P6SMB82A	MT	5	70.1	77.9	82	86.1	1	113	5.3
P6SMB91	MU	5	73.7	81.9	91	100	1	131	4.5
P6SMB91A	MV	5	77.8	86.5	91	95.5	1	125	4.8
P6SMB100	MW	5	81.0	90.00	100	110	1	144	4.2
P6SMB100A	MX	5	85.5	95.0	100	105	1	137	4.4
P6SMB110	MY	5	89.2	99.0	110	121	1	158	3.8
P6SMB110A	MZ	5	94.0	105	110	116	1	152	4.0
P6SMB120	ND	5	97.2	108	120	132	1	173	3.5
P6SMB120A	NE	5	102	114	120	126	1	165	3.6
P6SMB130	NF	5	105	117	130	143	1	187	3.2
P6SMB130A	NG	5	111	124	130	137	1	179	3.3
P6SMB150	NH	5	121	135	150	165	1	215	2.8
P6SMB150A	NK	5	128	143	150	158	1	207	2.9
P6SMB160	NL	5	130	144	160	176	1	230	2.6
P6SMB160A	NM	5	136	152	160	168	1	219	2.7
P6SMB170	NN	5	138	153	170	187	1	244	2.5
P6SMB170A	NP	5	145	162	170	179	1	234	2.6
P6SMB180	NQ	5	146	162	180	198	1	258	2.3
P6SMB180A	NR	5	154	171	180	189	1	246	2.4
P6SMB200	NS	5	162	180	200	220	1	287	2.1
P6SMB200A	NT	5	171	190	200	210	1	274	2.2
P6SMB220	NU	5	175	198	220	242	1	344	1.75
P6SMB220A	NV	5	185	209	220	231	1	328	1.83
P6SMB250	NW	5	202	225	250	275	1	360	1.67
P6SMB250A	NX	5	214	237	250	263	1	344	1.75
P6SMB300	NJ	5	243	270	300	330	1	434	1.39
P6SMB300A	NZ	5	256	285	300	315	1	414	1.45
P6SMB350A	YW	5	300	333	350	368	1	482	1.24
P6SMB400A	YX	5	342	380	400	420	1	548	1.10
P6SMB440A	YY	5	376	418	440	462	1	602	1.0

(1) Tested with pulses.
Pulse test: $t_p \leq 50 \text{ ms}$; $\delta < 2\%$

Type		Maximum Reverse Leakage Current I_{RM} at V_{RM}		(1) Breakdown Voltage V_{BR} at I_R (V)			I_R (mA)	Max. Clamping Voltage V_{CL} at I_{pp} max. 1ms. Expo.	
Bidirectional	Marking Code	(μA)	(V)	Min.	Nom.	Max.		(V)	(A)
P6SMB6V8C	PD	1000	5.50	6.12	6.8	7.48	10	10.8	56
P6SMB6V8CA	PE	1000	5.80	6.45	6.8	7.14	10	10.5	57
P6SMB7V5C	PF	500	6.05	6.75	7.5	8.25	10	11.7	51
P6SMB7V5CA	PG	500	6.40	7.13	7.5	7.88	10	11.3	53
P6SMB8V2C	PH	200	6.63	7.38	8.2	9.02	10	12.5	48
P6SMB8V2CA	PK	200	7.02	7.79	8.2	8.61	10	12.1	50
P6SMB9V1C	PL	50	7.37	8.19	9.1	10.0	1	13.8	44
P6SMB9V1CA	PM	50	7.78	8.65	9.1	9.55	1	13.4	45
P6SMB10C	PN	10	8.10	9.00	10	11.0	1	15.0	40
P6SMB10CA	PP	10	8.55	9.50	10	10.5	1	14.5	41
P6SMB11C	PQ	5	8.92	9.90	11	12.1	1	16.2	37
P6SMB11CA	PR	5	9.40	10.5	11	11.6	1	15.6	38
P6SMB12C	PS	5	9.72	10.8	12	13.2	1	17.3	35
P6SMB12CA	PT	5	10.2	11.4	12	12.6	1	16.7	36
P6SMB13C	PU	5	10.5	11.7	13	14.3	1	19.0	32
P6SMB13CA	PV	5	11.1	12.4	13	13.7	1	18.2	33
P6SMB15C	PW	5	12.1	13.5	15	16.5	1	22.0	27
P6SMB15CA	PX	5	12.8	14.3	15	15.8	1	21.2	28
P6SMB16C	PY	5	12.9	14.4	16	17.6	1	23.5	26
P6SMB16CA	PZ	5	13.6	15.2	16	16.8	1	22.5	27
P6SMB18C	QD	5	14.5	16.2	18	19.8	1	26.5	23
P6SMB18CA	QE	5	15.3	17.1	18	18.9	1	25.5	24
P6SMB20C	QF	5	16.2	18.0	20	22.0	1	29.1	21
P6SMB20CA	QG	5	17.1	19.0	20	21.0	1	27.7	22
P6SMB22C	QH	5	17.8	19.8	22	24.2	1	31.9	19
P6SMB22CA	QK	5	18.8	20.9	22	23.1	1	30.6	20
P6SMB24C	QL	5	19.4	21.6	24	26.4	1	34.7	17
P6SMB24CA	QM	5	20.5	22.8	24	25.2	1	33.2	18
P6SMB27C	QN	5	21.8	24.3	27	29.7	1	39.1	15
P6SMB27CA	QP	5	23.1	25.7	27	28.4	1	37.5	16
P6SMB30C	QQ	5	24.3	27.0	30	33.0	1	43.5	14
P6SMB30CA	QR	5	25.6	28.5	30	31.5	1	41.4	14.4
P6SMB33C	QS	5	26.8	29.7	33	36.3	1	47.7	12.6
P6SMB33CA	QT	5	28.2	31.4	33	34.7	1	45.7	13.2
P6SMB36C	QU	5	29.1	32.4	36	39.6	1	52.0	11.6
P6SMB36CA	QV	5	30.8	34.2	36	37.8	1	49.9	12
P6SMB39C	QW	5	31.6	35.1	39	42.9	1	56.4	10.6
P6SMB39CA	QX	5	33.3	37.1	39	41.0	1	53.9	11.2

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

Type		Maximum Reverse Leakage Current		(1) Breakdown Voltage				Max. Clamping Voltage	
		I_{RM}	at V_{RM}	V_{BR} at I_R			I_R	V_{CL} at I_{pp}	max. 1ms. Expo.
Bidirectional	Marking Code	(μA)	(V)	Min.	Nom.	Max.	(mA)	(V)	(A)
P6SMB43C	QY	5	34.8	38.7	43	47.3	1	61.9	9.6
P6SMB43CA	QZ	5	36.8	40.9	43	45.2	1	59.3	10.1
P6SMB47C	TD	5	38.1	42.3	47	51.7	1	67.8	8.9
P6SMB47CA	TE	5	40.2	44.7	47	49.4	1	64.8	9.3
P6SMB51C	TF	5	41.3	45.9	51	56.1	1	73.5	8.2
P6SMB51CA	TG	5	43.6	48.5	51	53.6	1	70.1	8.6
P6SMB56C	TH	5	45.4	50.4	56	61.6	1	80.5	7.4
P6SMB56CA	TK	5	47.8	53.2	56	58.8	1	77.0	7.8
P6SMB62C	TL	5	50.2	55.8	62	68.2	1	89.0	6.8
P6SMB62CA	TM	5	53.0	58.9	62	65.1	1	85.0	7.1
P6SMB68C	TN	5	55.1	61.2	68	74.8	1	98.0	6.1
P6SMB68CA	TP	5	58.1	64.6	68	71.4	1	92.0	6.5
P6SMB75C	TQ	5	60.7	67.5	75	82.5	1	108	5.5
P6SMB75CA	TR	5	64.1	71.3	75	78.8	1	103	5.8
P6SMB82C	TS	5	66.4	73.8	82	90.2	1	118	5.1
P6SMB82CA	TT	5	70.1	77.9	82	86.1	1	113	5.3
P6SMB91C	TU	5	73.7	81.9	91	100	1	131	4.5
P6SMB91CA	TV	5	77.8	86.5	91	95.5	1	125	4.8
P6SMB100C	TW	5	81.0	90.00	100	110	1	144	4.2
P6SMB100CA	TX	5	85.5	95.0	100	105	1	137	4.4
P6SMB110C	TY	5	89.2	99.0	110	121	1	158	3.8
P6SMB110CA	TZ	5	94.0	105	110	116	1	152	4.0
P6SMB120C	VD	5	97.2	108	120	132	1	173	3.5
P6SMB120CA	VE	5	102	114	120	126	1	165	3.6
P6SMB130C	VF	5	105	117	130	143	1	187	3.2
P6SMB130CA	VG	5	111	124	130	137	1	179	3.3
P6SMB150C	VH	5	121	135	150	165	1	215	2.8
P6SMB150CA	VK	5	128	143	150	158	1	207	2.9
P6SMB160C	VL	5	130	144	160	176	1	230	2.6
P6SMB160CA	VM	5	136	152	160	168	1	219	2.7
P6SMB170C	VN	5	138	153	170	187	1	244	2.5
P6SMB170CA	VP	5	145	162	170	179	1	234	2.6
P6SMB180C	VQ	5	146	162	180	198	1	258	2.3
P6SMB180CA	VR	5	154	171	180	189	1	246	2.4
P6SMB200C	VS	5	162	180	200	220	1	287	2.1
P6SMB200CA	VT	5	171	190	200	210	1	274	2.2
P6SMB220C	VU	5	175	198	220	242	1	344	1.75
P6SMB220CA	VV	5	185	209	220	231	1	328	1.83
P6SMB250C	VW	5	202	225	250	275	1	360	1.67
P6SMB250CA	VX	5	214	237	250	263	1	344	1.75
P6SMB300C	TB	5	243	270	300	330	1	434	1.39
P6SMB300CA	TC	5	256	285	300	315	1	414	1.45

(1) Tested with pulses.
Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$

Rating And Characteristic Curves

