

SURFACE MOUNT TVS DIODE

Electrical Characteristics, 33 to 170 Volts

TRANSIENT VOLTAGE SUPPRESSOR DIODE

Operating Temperature: -55°C to 150°C

RF Part Number	Working Peak Reverse Voltage V_{RWM} (V)	Break Down Voltage		@ IT (mA)	Maximum Clamping Voltage V_{RSM} (V)	Maximum Reverse Current & Leakage								
		V_{BR} (V)				*A Size			*B Size			*C Size		
		Min	Max			Current	Leakage	Device	Current	Leakage	Device	Current	Leakage	Device
						I_{PPM} (A)	at V_{NWM} $I_R(\mu A)$	Marking Code	I_{PPM} (A)	at V_{NWM} $I_R(\mu A)$	Marking Code	I_{PPM} (A)	at V_{NWM} $I_R(\mu A)$	Marking Code
SM*J33	33	36.7	44.9	1	59	5.3	5	CL	7.8	5	ML	26	5	GGL
SM*J33A	33	36.7	40.6	1	53.3	5.9	5	CM	8.6	5	MM	29	5	GGM
SM*J36	36	40	48.9	1	64.3	4.8	5	CN	7.5	5	MN	24	5	GGN
SM*J36A	36	40	44.2	1	58.1	5.4	5	CP	8.3	5	MP	27	5	GGP
SM*J40	40	44.4	54.3	1	71.4	4.4	5	CQ	7	5	MQ	22	5	GGQ
SM*J40A	40	44.4	49.1	1	64.5	4.8	5	CR	7.7	5	MR	24	5	GGR
SM*J43	43	47.8	58.4	1	76.7	4.1	5	CS	6.6	5	MS	20	5	GGS
SM*J43A	43	47.8	52.8	1	69.4	4.5	5	CT	7.3	5	MT	22	5	GGT
SM*J45	45	50	61.1	1	80.3	3.9	5	CU	6.2	5	MU	9	5	GGU
SM*J45A	45	50	55.3	1	72.7	4.3	5	CV	6.9	5	MV	21	5	GGV
SM*J48	48	53.3	65.1	1	85.5	3.6	5	CW	5.8	5	MW	18	5	GGW
SM*J48A	48	53.3	58.9	1	77.4	4	5	CX	6.4	5	MX	20	5	GGX
SM*J51	51	56.7	69.3	1	91.1	3.4	5	CY	5.6	5	MY	17	5	GGY
SM*J51A	51	56.7	62.7	1	82.4	3.8	5	CZ	6.2	5	MZ	19	5	GGZ
SM*J54	54	60	73.3	1	96.3	3.2	5	RD	5.3	5	ND	16	5	GHD
SM*J54A	54	60	66	1	87.1	3.6	5	RE	5.8	5	NE	18	5	GHE
SM*J58	58	64.4	78.7	1	103	3	5	RF	4.8	5	NF	15	5	GHF
SM*J58A	58	64.4	71.2	1	93.6	3.3	5	RG	5.3	5	NG	16	5	GHG
SM*J60	60	66.7	81.5	1	107	2.9	5	RH	4.5	5	NH	14	5	GGH
SM*J60A	60	66.7	73.7	1	96.8	3.2	5	RK	4.9	5	NK	16	5	GGK
SM*J64	64	71.1	86.9	1	114	2.7	5	RL	4.3	5	NL	13.8	5	GGL
SM*J64A	64	71.1	78.6	1	103	3	5	RM	4.7	5	NM	15	5	GGM
SM*J70	70	77.8	95.1	1	125	2.5	5	RN	3.9	5	NN	12.6	5	GGN
SM*J70A	70	77.8	86	1	113	2.7	5	RP	4.4	5	NP	13.9	5	GGP
SM*J75	75	83.3	102	1	134	2.3	5	RQ	3.8	5	NQ	11.7	5	GGQ
SM*J75A	75	83.3	92.1	1	121	2.6	5	RR	4.1	5	NR	13	5	GGR
SM*J78	78	86.7	106	1	139	2.2	5	RS	3.4	5	NS	11.3	5	GGS
SM*J78A	78	86.7	95.8	1	126	2.5	5	RT	3.7	5	NT	12.5	5	GGT
SM*J85	85	94.4	115	1	151	2	5	RU	3.9	5	NU	10.4	5	GGU
SM*J85A	85	94.4	104	1	137	2.2	5	RV	4.4	5	NV	11.5	5	GGV
SM*J90	90	100	122	1	160	1.9	5	RW	3.8	5	NW	9.8	5	GGW
SM*J90A	90	100	111	1	146	2.1	5	RX	4.1	5	NX	10.7	5	GGX
SM*J100	100	111	136	1	179	1.7	5	RY	3.4	5	NY	8.8	5	GGY
SM*J100A	100	111	123	1	162	1.9	5	RZ	3.7	5	NZ	9.7	5	GGZ
SM*J110	110	122	149	1	196	1.6	5	SD	3	5	PD	8	5	GHD
SM*J110A	110	122	135	1	177	1.7	5	SE	3.4	5	PE	8.9	5	GHE
SM*J120	120	133	163	1	214	1.4	5	SF	2.8	5	PF	7.3	5	GHF
SM*J120A	120	133	147	1	193	1.6	5	SG	3.1	5	PG	8.1	5	GHG
SM*J130	130	144	176	1	231	1.3	5	SH	2.6	5	PH	6.8	5	GHH
SM*J130A	130	144	159	1	209	1.5	5	SK	2.9	5	PK	7.5	5	GHK
SM*J150	150	167	204	1	268	1.1	5	SL	2.2	5	PL	5.8	5	GHL
SM*J150A	150	167	185	1	243	1.3	5	SM	2.5	5	PM	6.4	5	GHM
SM*J160	160	178	218	1	287	1	5	SN	2.1	5	PN	5.4	5	GHN
SM*J160A	160	178	197	1	259	1.2	5	SP	2.3	5	PP	6	5	GHP
SM*J170	170	189	231	1	304	1	5	SQ	2	5	PQ	5.1	5	GHQ
SM*J170A	170	189	209	1	275	1.1	5	SQ	2.2	5	PQ	5.7	5	GHQ

*Replace with A, B, or C, depending on wattage and size needed.