

TRANSIENT VOLTAGE SUPPRESSORS

400W TVS / DO-41

 **E222849**



MCC PART NUMBER	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)		TEST CURRENT I_T	RATED STANDOFF VOLTAGE V_{WM}	MAXIMUM REVERSE LEAKAGE $I_D @ V_{WM}$	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$	MAXIMUM PEAK PULSE CURRENT I_{PP}	MAX. TEMP COEFFICIENT OF V_{BR} $V_{(BR)} (TA)$ -55°C TO 100°C
	MIN	MAX	mADC	V	(μ A)	V	A	% / °C
P4KE6.8(C)A	6.45	7.14	10	5.80	500	10.5	38	.057
P4KE7.5(C)A	7.13	7.88	10	6.40	200	11.3	35	.061
P4KE8.2(C)A	7.79	8.61	10	7.02	100	12.1	33	.065
P4KE9.1(C)A	8.65	9.55	1.0	7.78	20	13.4	30	.068
P4KE10(C)A	9.50	10.5	1.0	8.55	5.0	14.5	28	.073
P4KE11(C)A	10.5	11.6	1.0	9.40	2.0	15.6	26	.075
P4KE12(C)A	11.4	12.6	1.0	10.2	2.0	16.7	24	.078
P4KE13(C)A	12.4	13.7	1.0	11.1	2.0	18.2	22	.081
P4KE15(C)A	14.3	15.8	1.0	12.8	2.0	21.2	19	.084
P4KE16(C)A	15.2	16.8	1.0	13.6	2.0	22.5	18	.086
P4KE18(C)A	17.1	18.0	1.0	15.3	2.0	25.2	16	.088
P4KE20(C)A	19.0	21.0	1.0	17.1	2.0	27.7	14.5	.090
P4KE22(C)A	20.9	23.1	1.0	18.8	2.0	30.6	13	.092
P4KE24(C)A	22.8	25.2	1.0	20.5	2.0	33.2	12	.094
P4KE27(C)A	25.7	28.4	1.0	23.1	2.0	37.5	11	.096
P4KE30(C)A	28.5	31.5	1.0	25.6	2.0	41.4	9.5	.097
P4KE33(C)A	31.4	34.7	1.0	28.2	2.0	45.7	9.0	.098
P4KE36(C)A	34.2	37.8	1.0	30.8	2.0	49.9	8.0	.099
P4KE39(C)A	37.1	41.0	1.0	33.3	2.0	53.9	7.5	.100
P4KE43(C)A	40.9	45.2	1.0	36.8	2.0	59.3	7.0	.101
P4KE47(C)A	44.7	49.4	1.0	40.2	2.0	64.8	6.2	.101
P4KE51(C)A	48.5	53.6	1.0	43.6	2.0	70.1	5.7	.102
P4KE56(C)A	53.2	58.8	1.0	47.8	2.0	77.0	5.2	.103
P4KE62(C)A	58.9	65.1	1.0	53.0	2.0	85.0	4.7	.104
P4KE68(C)A	64.6	71.4	1.0	58.1	2.0	92.0	4.4	.104
P4KE75(C)A	71.3	78.8	1.0	64.1	2.0	103	3.9	.105
P4KE82(C)A	77.9	86.1	1.0	70.1	2.0	113	3.5	.105
P4KE91(C)A	86.5	95.5	1.0	77.8	2.0	125	3.2	.106
P4KE100(C)A	95.0	105	1.0	85.5	2.0	137	2.9	.106
P4KE110(C)A	105	116	1.0	94.0	2.0	152	2.6	.107
P4KE120(C)A	114	126	1.0	102	2.0	165	2.4	.107
P4KE130(C)A	124	137	1.0	111	2.0	179	2.2	.107
P4KE150(C)A	143	158	1.0	128	2.0	207	1.95	.108
P4KE160(C)A	152	168	1.0	136	2.0	219	1.8	.108
P4KE170(C)A	162	179	1.0	145	2.0	234	1.7	.108
P4KE180(C)A	171	189	1.0	154	2.0	246	1.6	.108
P4KE200(C)A	190	210	1.0	171	2.0	274	1.5	.108
P4KE220(C)A	209	231	1.0	185	2.0	328	1.0	.110
P4KE250(C)A	237	263	1.0	214	2.0	344	1.0	.110
P4KE300(C)A	285	315	1.0	256	2.0	414	1.0	.110
P4KE350(C)A	333	368	1.0	300	2.0	482	1.0	.110
P4KE400(C)A	380	420	1.0	342	2.0	548	1.0	.110
P4KE440(C)A	418	462	1.0	376	5.0	602	0.68	.110
P4KE480(C)A	456	504	1.0	408	5.0	658	0.61	.110
P4KE510(C)A	485	535	1.0	434	5.0	698	0.57	.110
P4KE530(C)A	503.5	556.5	1.0	450	5.0	725	0.55	.110
P4KE540(C)A	513	567	1.0	459	5.0	740	0.54	.110
P4KE550(C)A	522.5	577.5	1.0	467	5.0	760	0.52	.110



500W TVS / DO-15

MCC PART NUMBER	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			TEST CURRENT I_T	RATED STANDOFF VOLTAGE V_{WM}	MAXIMUM REVERSE LEAKAGE $I_b @ V_{WM}$	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$	MAXIMUM PEAK PULSE CURRENT I_{PP}
	MIN	NOM	MAX	mADC	V	(μ A)	V	A
P5KE5.0(C)	6.4	5.0	7.3	10	5.0	600	9.6	52
P5KE5.0(C)A	6.4	5.0	7.0	10	5.0	600	9.2	54.3
P5KE6.0(C)	6.67	6.0	8.15	10	6.0	600	11.4	43.9
P5KE6.0(C)A	6.67	6.0	7.37	10	6.0	600	10.3	48.5
P5KE6.5(C)	7.22	6.5	8.82	10	6.5	400	12.3	40.7
P5KE6.5(C)A	7.22	6.5	7.98	10	6.5	400	11.2	44.7
P5KE7.0(C)	7.78	7.0	9.51	10	7.0	150	13.3	37.8
P5KE7.0(C)A	7.78	7.0	8.6	10	7.0	150	12.0	41.7
P5KE7.5(C)	8.33	7.5	10.2	1.0	7.5	50	14.3	35.0
P5KE7.5(C)A	8.33	7.5	9.21	1.0	7.5	50	12.9	38.8
P5KE8.0(C)	8.89	8.0	10.9	1.0	8.0	25	15.0	33.3
P5KE8.0(C)A	8.89	8.0	9.8	1.0	8.0	25	13.6	36.7
P5KE8.5(C)	9.44	8.5	11.5	1.0	8.5	10	15.9	31.4
P5KE8.5(C)A	9.44	8.5	10.4	1.0	8.5	10	14.4	34.7
P5KE9.0(C)	10.0	9.0	12.2	1.0	9.0	5.0	16.9	29.5
P5KE9.0(C)A	10.0	9.0	11.1	1.0	9.0	5.0	15.4	32.5
P5KE10(C)	11.1	10	13.6	1.0	10	3.0	18.8	26.6
P5KE10(C)A	11.1	10	12.3	1.0	10	3.0	17.0	29.4
P5KE11(C)	12.2	11	14.9	1.0	11	3.0	20.1	24.9
P5KE11(C)A	12.2	11	13.5	1.0	11	3.0	18.2	27.4
P5KE12(C)	13.3	12	16.3	1.0	12	3.0	22.0	22.7
P5KE12(C)A	13.3	12	14.7	1.0	12	3.0	19.9	25.1
P5KE13(C)	14.4	13	17.6	1.0	13	3.0	23.8	21.0
P5KE13(C)A	14.4	13	15.9	1.0	13	3.0	21.5	23.2
P5KE14(C)	15.6	14	19.1	1.0	14	3.0	25.8	19.4
P5KE14(C)A	15.6	14	17.2	1.0	14	3.0	23.2	21.5
P5KE15(C)	16.7	15	20.4	1.0	15	3.0	26.9	18.8
P5KE15(C)A	16.7	15	18.5	1.0	15	3.0	24.4	20.6
P5KE16(C)	17.8	16	21.8	1.0	16	3.0	28.8	17.6
P5KE16(C)A	17.8	16	19.7	1.0	16	3.0	26.0	19.2
P5KE17(C)	18.9	17	23.1	1.0	17	3.0	30.5	16.4
P5KE17(C)A	18.9	17	20.9	1.0	17	3.0	27.6	18.1
P5KE18(C)	20.0	18	24.4	1.0	18	3.0	32.2	15.5
P5KE18(C)A	20.0	18	22.1	1.0	18	3.0	29.2	17.2
P5KE20(C)	22.2	20	27.1	1.0	20	3.0	35.8	13.9
P5KE20(C)A	22.2	20	24.5	1.0	20	3.0	32.4	15.4
P5KE22(C)	24.4	22	29.8	1.0	22	3.0	39.4	12.7
P5KE22(C)A	24.4	22	26.9	1.0	22	3.0	35.5	14.1
P5KE24(C)	26.7	24	32.6	1.0	24	3.0	43.0	11.6
P5KE24(C)A	26.7	24	29.5	1.0	24	3.0	38.9	12.8
P5KE26(C)	28.9	26	35.3	1.0	26	3.0	46.6	10.7
P5KE26(C)A	28.9	26	31.9	1.0	26	3.0	42.1	11.9
P5KE28(C)	31.1	28	38.0	1.0	28	3.0	50.0	9.9
P5KE28(C)A	31.1	28	34.4	1.0	28	3.0	45.4	11.0
P5KE30(C)	33.3	30	40.7	1.0	30	3.0	53.5	9.3
P5KE30(C)A	33.3	30	36.8	1.0	30	3.0	48.4	10.3
P5KE33(C)	36.7	33	44.9	1.0	33	3.0	59.0	8.5
P5KE33(C)A	36.7	33	40.6	1.0	33	3.0	53.3	9.4
P5KE36(C)	40.0	36	48.9	1.0	36	3.0	64.3	7.8
P5KE36(C)A	40.0	36	44.2	1.0	36	3.0	58.1	8.6
P5KE40(C)	44.4	40	54.3	1.0	40	3.0	71.4	7.0
P5KE40(C)A	44.4	40	49.1	1.0	40	3.0	64.5	7.8
P5KE43(C)	47.8	43	58.4	1.0	43	3.0	76.7	6.5
P5KE43(C)A	47.8	43	52.8	1.0	43	3.0	69.4	7.2



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MCC PART NUMBER	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			TEST CURRENT I_T mADC	RATED STANDOFF VOLTAGE V_{WM} V	MAXIMUM REVERSE LEAKAGE $I_b @ V_{WM}$ (μ A)	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$ V	MAXIMUM PEAK PULSE CURRENT I_{PP} A
	MIN	NOM	MAX					
P5KE45(C)	50.0	45	61.1	1.0	45	3.0	80.3	6.2
P5KE45(C)A	50.0	45	55.3	1.0	45	3.0	72.7	6.9
P5KE48(C)	53.3	48	65.1	1.0	48	3.0	85.5	5.8
P5KE48(C)A	53.3	48	58.9	1.0	48	3.0	77.4	6.5
P5KE51(C)	56.7	51	69.3	1.0	51	3.0	91.1	5.5
P5KE51(C)A	56.7	51	62.7	1.0	51	3.0	82.4	6.1
P5KE54(C)	60.0	54	73.3	1.0	54	3.0	96.3	5.2
P5KE54(C)A	60.0	54	66.3	1.0	54	3.0	87.1	5.7
P5KE58(C)	64.4	58	78.7	1.0	58	3.0	103	4.9
P5KE58(C)A	64.4	58	71.2	1.0	58	3.0	93.6	5.3
P5KE60(C)	66.7	60	81.5	1.0	60	3.0	107	4.7
P5KE60(C)A	66.7	60	73.7	1.0	60	3.0	96.8	5.2
P5KE64(C)	71.1	64	86.9	1.0	64	3.0	114	4.4
P5KE64(C)A	71.1	64	78.6	1.0	64	3.0	103	4.9
P5KE70(C)	77.8	70	95.1	1.0	70	3.0	125	4.0
P5KE70(C)A	77.8	70	86	1.0	70	3.0	113	4.4
P5KE75(C)	83.3	75	102	1.0	75	3.0	134	3.7
P5KE75(C)A	83.3	75	92.1	1.0	75	3.0	121	4.1
P5KE78(C)	86.7	78	106	1.0	78	3.0	139	3.6
P5KE78(C)A	86.7	78	95.8	1.0	78	3.0	126	4.0
P5KE85(C)	94.4	85	115	1.0	85	3.0	151	3.3
P5KE85(C)A	94.4	85	104	1.0	85	3.0	137	3.6
P5KE90(C)	100	90	122	1.0	90	3.0	160	3.1
P5KE90(C)A	100	90	111	1.0	90	3.0	146	3.4
P5KE100(C)	111	100	136	1.0	100	3.0	179	2.8
P5KE100(C)A	111	100	123	1.0	100	3.0	162	3.1
P5KE110(C)	122	110	149	1.0	110	3.0	196	2.6
P5KE110(C)A	122	110	135	1.0	110	3.0	177	2.8
P5KE120(C)	133	120	163	1.0	120	3.0	214	2.3
P5KE120(C)A	133	120	147	1.0	120	3.0	193	2.0
P5KE130(C)	144	130	176	1.0	130	3.0	231	2.2
P5KE130(C)A	144	130	159	1.0	130	3.0	209	2.4
P5KE150(C)	167	150	204	1.0	150	3.0	268	1.9
P5KE150(C)A	167	150	185	1.0	150	3.0	243	2.1
P5KE160(C)	178	160	218	1.0	160	3.0	287	1.7
P5KE160(C)A	178	160	197	1.0	160	3.0	259	1.9
P5KE170(C)	189	170	231	1.0	170	3.0	304	1.6
P5KE170(C)A	189	170	209	1.0	170	3.0	275	1.8
P5KE180(C)	198	180	253.8	1.0	180	3.0	322	1.6
P5KE180(C)A	198	180	230.4	1.0	180	3.0	292	1.7
P5KE190(C)	209	190	267.9	1.0	190	3.0	340	1.5
P5KE190(C)A	209	190	243.2	1.0	190	3.0	308	1.6
P5KE200(C)	220	200	282.0	1.0	200	3.0	358	1.4
P5KE200(C)A	220	200	256.0	1.0	200	3.0	324	1.5

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MCC PART NUMBER	STAND-OFF VOLTAGE V_{WM}	MINIMUM BREAKDOWN VOLTAGE AT $I_T=1.0\text{Ma}$ $V_{(BR)}$	MAXIMUM REVERSE LEAKAGE AT V_{WM} IR	MAXIMUM CLAMPING VOLTAGE AT $I_{PP}=5.0A$ V_C	MAXIMUM PEAK PULSE CURRENT IPP	MAXIMUM JUNCTION CAPACITANCE AT 0 VOLTS	WORKING INVERSE BLOCKING VOLTAGE V_{WIB}	PEAK INVERSE BLOCKING VOLTAGE V_{PIB}
	V	V	μA	V	Amps	pF	V	V
SAC5.0	5.0	7.60	300	10.0	44.0	50	75	100
SAC6.0	6.0	7.90	300	11.2	41.0	50	75	100
SAC7.0	7.0	8.33	300	12.6	38.0	50	75	100
SAC8.0	8.0	8.89	100	13.4	36.0	50	75	100
SAC8.5	8.5	9.44	50	14.0	34.0	50	75	100
SAC10	10.0	11.10	5	16.3	29.0	50	75	100
SAC12	12.0	13.30	5	19.0	25.0	50	75	100
SAC15	15.0	16.70	5	23.6	20.0	50	75	100
SAC18	18.0	20.00	5	28.8	15.0	50	75	100
SAC22	22.0	24.40	5	35.4	14.0	50	75	100
SAC26	26.0	28.90	5	42.3	11.1	50	75	100
SAC30	30.0	33.30	5	48.6	10.0	50	75	100
SAC36	36.0	40.00	5	60.0	8.6	50	75	100
SAC45	45.0	50.00	5	77.0	6.8	50	150	200
SAC50	50.0	55.50	5	88.0	5.8	50	150	200

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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM}	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP}	PEAK PULSE CURRENT IPP	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_B	MAXIMUM TEMPERATURE COEFFICIENT OF V_{BR} -55°C TO 150°C
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)	% / °C
SA5.0	5.0	6.40	7.30	10	9.6	52.0	600	.057
SA5.0A	5.0	6.40	7.00	10	9.2	54.3	600	.057
SA6.0	6.0	6.67	8.15	10	11.4	43.9	600	.059
SA6.0A	6.0	6.67	7.37	10	10.3	48.5	600	.059
SA6.5	6.5	7.22	8.82	10	12.3	40.7	400	.061
SA6.5A	6.5	7.22	7.98	10	11.2	44.7	400	.061
SA7.0	7.0	7.78	9.51	10	13.3	37.8	150	.065
SA7.0A	7.0	7.78	8.60	10	12.0	41.7	150	.065
SA7.5	7.5	8.33	10.2	1.0	14.3	35.0	50	.067
SA7.5A	7.5	8.33	9.21	1.0	12.9	38.8	50	.067
SA8.0	8.0	8.89	10.9	1.0	15.0	33.3	25	.070
SA8.0A	8.0	8.89	9.83	1.0	13.6	36.7	25	.070
SA8.5	8.5	9.44	11.5	1.0	15.9	31.4	10	.073
SA8.5A	8.5	9.44	10.4	1.0	14.4	34.7	10	.073
SA9.0	9.0	10.0	12.2	1.0	16.9	29.5	5.0	.076
SA9.0A	9.0	10.0	11.1	1.0	15.4	32.5	1.0	.076
SA10	10	11.1	13.6	1.0	18.8	26.6	1.0	.078
SA10A	10	11.1	12.3	1.0	17.0	29.4	1.0	.078
SA11	11	12.2	14.9	1.0	20.1	24.9	1.0	.081
SA11A	11	12.2	13.5	1.0	18.2	27.4	1.0	.081
SA12	12	13.3	16.3	1.0	22.0	22.7	1.0	.082
SA12A	12	13.3	14.7	1.0	19.9	25.1	1.0	.082
SA13	13	14.4	17.6	1.0	23.8	21.0	1.0	.084
SA13A	13	14.4	15.9	1.0	21.5	23.2	1.0	.084
SA14	14	15.6	19.1	1.0	25.8	19.4	1.0	.086
SA14A	14	15.6	17.2	1.0	23.2	21.5	1.0	.086
SA15	15	16.7	20.4	1.0	26.9	18.8	1.0	.087
SA15A	15	16.7	18.5	1.0	24.4	20.6	1.0	.087
SA16	16	17.8	21.8	1.0	28.8	17.6	1.0	.088
SA16A	16	17.8	19.7	1.0	26.0	19.2	1.0	.088



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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_B (μ A)	MAXIMUM TEMPERATURE COEFFICIENT OF V_{BR} -55°C TO 150°C % / °C
		MIN	MAX	I_T (mA)				
SA17	17	18.9	23.1	1.0	30.5	16.4	1.0	.090
SA17A	17	18.9	20.9	1.0	27.6	18.1	1.0	.090
SA18	18	20.0	24.4	1.0	32.2	15.5	1.0	.092
SA18A	18	20.0	22.1	1.0	29.2	17.2	1.0	.092
SA20	20	22.2	27.1	1.0	35.8	13.9	1.0	.093
SA20A	20	22.2	24.5	1.0	32.4	15.4	1.0	.093
SA22	22	24.4	29.8	1.0	39.4	12.7	1.0	.094
SA22A	22	24.4	26.9	1.0	35.5	14.1	1.0	.094
SA24	24	26.7	32.6	1.0	43.0	11.6	1.0	.096
SA24A	24	26.7	29.5	1.0	38.9	12.8	1.0	.096
SA26	26	28.9	35.3	1.0	46.6	10.7	1.0	.097
SA26A	26	28.9	31.9	1.0	42.1	11.9	1.0	.097
SA28	28	31.1	38.0	1.0	50.0	9.9	1.0	.098
SA28A	28	31.1	34.4	1.0	45.4	11.0	1.0	.098
SA30	30	33.3	40.7	1.0	53.5	9.3	1.0	.099
SA30A	30	33.3	36.8	1.0	48.4	10.3	1.0	.099
SA33	33	36.7	44.9	1.0	59.0	8.5	1.0	.100
SA33A	33	36.7	40.6	1.0	53.3	9.4	1.0	.100
SA36	36	40.0	48.9	1.0	64.3	7.8	1.0	.101
SA36A	36	40.0	44.2	1.0	58.1	8.6	1.0	.101
SA40	40	44.4	54.3	1.0	71.4	7.0	1.0	.101
SA40A	40	44.4	49.1	1.0	64.5	7.8	1.0	.101
SA43	43	47.8	58.4	1.0	76.7	6.5	1.0	.102
SA43A	43	47.8	52.8	1.0	69.4	7.2	1.0	.102
SA45	45	50.0	61.1	1.0	80.3	6.2	1.0	.102
SA45A	45	50.0	55.3	1.0	72.7	6.9	1.0	.102
SA48	48	53.3	65.1	1.0	85.5	5.8	1.0	.103
SA48A	48	53.3	58.9	1.0	77.4	6.5	1.0	.103
SA51	51	56.7	69.3	1.0	91.1	5.5	1.0	.103
SA51A	51	56.7	62.7	1.0	82.4	6.1	1.0	.103
SA54	54	60.0	73.3	1.0	96.3	5.2	1.0	.104
SA54A	54	60.0	66.3	1.0	87.1	5.7	1.0	.104
SA58	58	64.4	78.7	1.0	103	4.9	1.0	.104
SA58A	58	64.4	71.2	1.0	93.6	5.3	1.0	.104
SA60	60	66.7	81.5	1.0	107	4.7	1.0	.104
SA60A	60	66.7	73.7	1.0	96.8	5.2	1.0	.104
SA64	64	71.1	86.9	1.0	114	4.4	1.0	.105
SA64A	64	71.1	78.6	1.0	103	4.9	1.0	.105
SA70	70	77.8	95.1	1.0	125	4.0	1.0	.105
SA70A	70	77.8	86.0	1.0	113	4.4	1.0	.105
SA75	75	83.3	102	1.0	134	3.7	1.0	.105
SA75A	75	83.3	92.1	1.0	121	4.1	1.0	.105
SA78	78	86.7	106	1.0	139	3.6	1.0	.106
SA78A	78	86.7	95.8	1.0	126	4.0	1.0	.106
SA85	85	94.4	115	1.0	151	3.3	1.0	.106
SA85A	85	94.4	104	1.0	137	3.6	1.0	.106
SA90	90	100	122	1.0	160	3.1	1.0	.107
SA90A	90	100	111	1.0	146	3.4	1.0	.107
SA100	100	111	136	1.0	179	2.8	1.0	.107
SA100A	100	111	123	1.0	162	3.1	1.0	.107
SA110	110	122	149	1.0	196	2.6	1.0	.107
SA110A	110	122	135	1.0	177	2.8	1.0	.107
SA120	120	133	163	1.0	214	2.3	1.0	.107
SA120A	120	133	147	1.0	193	2.0	1.0	.107
SA130	130	144	176	1.0	231	2.2	1.0	.108
SA130A	130	144	159	1.0	209	2.4	1.0	.108

500W TVS / DO-15



MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MAXIMUM TEMPERATURE COEFFICIENT OF V_{BR} -55°C TO 150°C % / °C
		MIN	MAX	I_T (mA)				
SA150	150	167	204	1.0	268	1.9	1.0	.108
SA150A	150	167	185	1.0	243	2.1	1.0	.108
SA160	160	178	218	1.0	287	1.7	1.0	.108
SA160A	160	178	197	1.0	259	1.9	1.0	.108
SA170	170	189	231	1.0	304	1.6	1.0	.108
SA170A	170	189	209	1.0	275	1.8	1.0	.108

600W TVS / DO-15



MCC PART NUMBER		BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)		TEST CURRENT I_T mADC	RATED STANDOFF VOLTAGE V_{WM} V	MAXIMUM REVERSE LEAKAGE $I_D @ V_{WM}$ (μ A)	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$ V	MAXIMUM PEAK PULSE CURRENT I_{PP} A
		MIN	MAX					
P6KE6.8A	P6KE6.8CA	6.45	7.14	10	5.8	1000	10.5	57
P6KE7.5A	P6KE7.5CA	7.13	7.88	10	6.4	500	11.3	53
P6KE8.2A	P6KE8.2CA	7.79	8.61	10	7.02	200	12.1	50
P6KE9.1A	P6KE9.1CA	8.65	9.55	1.0	7.78	50	13.4	45
P6KE10A	P6KE10CA	9.5	10.5	1.0	8.55	10	14.5	41
P6KE11A	P6KE11CA	10.5	11.6	1.0	9.4	5.0	15.6	38
P6KE12A	P6KE12CA	11.4	12.6	1.0	10.2	5.0	16.7	36
P6KE13A	P6KE13CA	12.4	13.7	1.0	11.1	5.0	18.2	33
P6KE15A	P6KE15CA	14.3	15.8	1.0	12.8	5.0	21.2	28
P6KE16A	P6KE16CA	15.2	16.8	1.0	13.6	5.0	22.5	27
P6KE18A	P6KE18CA	17.1	18.9	1.0	15.3	5.0	25.2	24
P6KE20A	P6KE20CA	19	21	1.0	17.1	5.0	27.7	22
P6KE22A	P6KE22CA	20.9	23.1	1.0	18.8	5.0	30.6	20
P6KE24A	P6KE24CA	22.8	25.2	1.0	20.5	5.0	33.2	18
P6KE27A	P6KE27CA	25.7	28.4	1.0	23.1	5.0	37.5	16
P6KE30A	P6KE30CA	28.5	31.5	1.0	25.6	5.0	41.4	14.4
P6KE33A	P6KE33CA	31.4	34.7	1.0	28.2	5.0	45.7	13.2
P6KE36A	P6KE36CA	34.2	37.8	1.0	30.8	5.0	49.9	12
P6KE39A	P6KE39CA	37.1	41	1.0	33.3	5.0	53.9	11.2
P6KE43A	P6KE43CA	40.9	45.2	1.0	36.8	5.0	59.3	10.1
P6KE47A	P6KE47CA	44.7	49.4	1.0	40.2	5.0	64.8	9.3
P6KE51A	P6KE51CA	48.5	53.6	1.0	43.6	5.0	70.1	8.6
P6KE56A	P6KE56CA	53.2	58.8	1.0	47.8	5.0	77	7.8
P6KE62A	P6KE62CA	58.9	65.1	1.0	53	5.0	85	7.1
P6KE68A	P6KE68CA	64.6	71.4	1.0	58.1	5.0	92	6.5
P6KE75A	P6KE75CA	71.3	78.8	1.0	64.1	5.0	103	5.8
P6KE82A	P6KE82CA	77.9	86.1	1.0	70.1	5.0	113	5.3
P6KE91A	P6KE91CA	86.5	95.5	1.0	77.8	5.0	125	4.8
P6KE100A	P6KE100CA	95	105	1.0	85.5	5.0	137	4.4
P6KE110A	P6KE110CA	105	116	1.0	94	5.0	152	3.4
P6KE120A	P6KE120CA	114	126	1.0	102	5.0	165	3.6
P6KE130A	P6KE130CA	124	137	1.0	111	5.0	179	3.3
P6KE150A	P6KE150CA	143	158	1.0	128	5.0	207	2.9
P6KE160A	P6KE160CA	152	168	1.0	136	5.0	219	2.7
P6KE170A	P6KE170CA	161	179	1.0	145	5.0	234	2.6
P6KE180A	P6KE180CA	171	189	1.0	154	5.0	246	2.4



600W TVS / DO-15

MCC PART NUMBER		BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)		TEST CURRENT I_T mADC	RATED STANDOFF VOLTAGE V_{WM} V	MAXIMUM REVERSE LEAKAGE $I_D @ V_{WM}$ (μ A)	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$ V	MAXIMUM PEAK PULSE CURRENT I_{PP} A
		MIN	MAX					
P6KE200A	P6KE200CA	190	210	1.0	171	5.0	274	2.2
P6KE220A	P6KE220CA	209	231	1.0	185	5.0	328	1.9
P6KE250A	P6KE250CA	237	263	1.0	214	5.0	344	1.8
P6KE300A	P6KE300CA	285	315	1.0	256	5.0	414	1.5
P6KE350A	P6KE350CA	333	368	1.0	300	5.0	482	1.3
P6KE400A	P6KE400CA	380	420	1.0	342	5.0	548	1.1
P6KE440A	P6KE440CA	418	462	1.0	376	5.0	602	1.0
P6KE480A	P6KE480CA	456	504	1.0	408	5.0	658	0.9
P6KE510A	P6KE510CA	485	535	1.0	434	5.0	698	0.9
P6KE530A	P6KE530CA	503.5	556.5	1.0	450	5.0	725	0.8
P6KE540A	P6KE540CA	513	567	1.0	459	5.0	740	0.8
P6KE550A	P6KE550CA	522.5	577.5	1.0	467	5.0	760	0.8



1500W TVS / DO-201AE

MCC PART NUMBER		BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)		TEST CURRENT I_T mADC	RATED STANDOFF VOLTAGE V_{WM} V	MAXIMUM REVERSE LEAKAGE $I_D @ V_{WM}$ (μ A)	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$ V	MAXIMUM PEAK PULSE CURRENT I_{PP} A
		MIN	MAX					
1.5KE6.8A	1.5KE6.8CA	6.45	7.14	10	5.80	1000	10.5	144.8
1.5KE7.5A	1.5KE7.5CA	7.13	7.88	10	6.40	500	11.3	134.5
1.5KE8.2A	1.5KE8.2CA	7.79	8.61	10	7.02	200	12.1	125.6
1.5KE9.1A	1.5KE9.1CA	8.65	9.55	1.0	7.78	50	13.4	113.4
1.5KE10A	1.5KE10CA	9.50	10.5	1.0	8.55	10	14.5	104.8
1.5KE11A	1.5KE11CA	10.5	11.6	1.0	9.40	5.0	15.6	97.4
1.5KE12A	1.5KE12CA	11.4	12.6	1.0	10.2	5.0	16.7	91.0
1.5KE13A	1.5KE13CA	12.4	13.7	1.0	11.1	5.0	18.2	83.5
1.5KE15A	1.5KE15CA	14.3	15.8	1.0	12.8	5.0	21.2	71.7
1.5KE16A	1.5KE16CA	15.2	16.8	1.0	13.6	5.0	22.5	67.6
1.5KE18A	1.5KE18CA	17.1	18.9	1.0	15.3	5.0	25.2	60.3
1.5KE20A	1.5KE20CA	19.0	21.0	1.0	17.1	5.0	27.7	54.9
1.5KE22A	1.5KE22CA	20.9	23.1	1.0	18.8	5.0	30.6	49.7
1.5KE24A	1.5KE24CA	22.8	25.2	1.0	20.5	5.0	33.2	45.8
1.5KE27A	1.5KE27CA	25.7	28.4	1.0	23.1	5.0	37.5	40.5
1.5KE30A	1.5KE30CA	28.5	31.5	1.0	25.6	5.0	41.4	36.7
1.5KE33A	1.5KE33CA	31.4	34.7	1.0	28.2	5.0	45.7	33.3
1.5KE36A	1.5KE36CA	34.2	37.8	1.0	30.8	5.0	49.9	30.5
1.5KE39A	1.5KE39CA	37.1	41.0	1.0	33.3	5.0	53.9	28.2
1.5KE43A	1.5KE43CA	40.9	45.2	1.0	36.8	5.0	59.3	25.6
1.5KE47A	1.5KE47CA	44.7	49.4	1.0	40.2	5.0	64.8	23.5
1.5KE51A	1.5KE51CA	48.5	53.6	1.0	43.6	5.0	70.1	21.7
1.5KE56A	1.5KE56CA	53.2	58.8	1.0	47.8	5.0	77.0	19.7
1.5KE62A	1.5KE62CA	58.9	65.1	1.0	53.0	5.0	85.0	17.9
1.5KE68A	1.5KE68CA	64.6	71.4	1.0	58.1	5.0	92.0	16.5
1.5KE75A	1.5KE75CA	71.3	78.8	1.0	64.1	5.0	103	14.8
1.5KE82A	1.5KE82CA	77.9	86.1	1.0	70.1	5.0	113	13.5
1.5KE91A	1.5KE91CA	86.5	95.5	1.0	77.8	5.0	125	12.2
1.5KE100A	1.5KE100CA	95.0	105	1.0	85.5	5.0	137	11.1
1.5KE110A	1.5KE110CA	105	116	1.0	94.0	5.0	152	10.0

1500W TVS / DO-201AE



MCC PART NUMBER		BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)		TEST CURRENT I_T mADC	RATED STANDOFF VOLTAGE V_{WM} V	MAXIMUM REVERSE LEAKAGE I_D @ V_{WM} (μ A)	MAXIMUM CLAMPING VOLTAGE V_C @ I_{PP} V	MAXIMUM PEAK PULSE CURRENT I_{PP} A
		MIN	MAX					
1.5KE120A	1.5KE120CA	114	126	1.0	102	5.0	165	9.2
1.5KE130A	1.5KE130CA	124	137	1.0	111	5.0	179	8.5
1.5KE150A	1.5KE150CA	143	158	1.0	128	5.0	207	7.3
1.5KE160A	1.5KE160CA	152	168	1.0	136	5.0	219	6.9
1.5KE170A	1.5KE170CA	162	179	1.0	145	5.0	234	6.5
1.5KE180A	1.5KE180CA	171	189	1.0	154	5.0	246	6.2
1.5KE200A	1.5KE200CA	190	210	1.0	171	5.0	274	5.5
1.5KE220A	1.5KE220CA	209	231	1.0	185	5.0	328	4.6
1.5KE250A	1.5KE250CA	237	263	1.0	214	5.0	344	4.4
1.5KE300A	1.5KE300CA	285	315	1.0	256	5.0	414	3.7
1.5KE350A	1.5KE350CA	333	368	1.0	300	5.0	482	3.2
1.5KE400A	1.5KE400CA	380	420	1.0	342	5.0	548	2.8
1.5KE440A	1.5KE440CA	418	462	1.0	376	5.0	602	2.5
1.5KE480A	1.5KE480CA	456	504	1.0	408	5.0	658	2.3
1.5KE510A	1.5KE510CA	485	535	1.0	434	5.0	698	2.1
1.5KE530A	1.5KE530CA	503.5	556.5	1.0	450	5.0	725	2.1
1.5KE540A	1.5KE540CA	513	567	1.0	459	5.0	740	2.0
1.5KE550A	1.5KE550CA	522.5	577.5	1.0	467	5.0	760	2.0

1500W TVS / DO-201AE



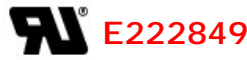
MCC PART NUMBER	STAND-OFF VOLTAGE (NOTE 1) V_{VM}	MINIMUM BREAKDOWN VOLTAGE AT $I_T=1.0mA$ $V_{(BR)}$		MAXIMUM REVERSE LEAKAGE AT V_{WM} IR	MAXIMUM CLAMPING VOLTAGE V_C	MAXIMUM PEAK PULSE CURRENT IPP	MAXIMUM JUNCTION CAPACITANCE AT 0 VOLTS	WORKING INVERSE BLOCKING VOLTAGE V_{WIB}	PEAK INVERSE BLOCKING VOLTAGE V_{PIB}
	V	V	V	μ A	V	Amps	pF	V	V
LCE6.5A	6.5	7.22	7.98*	1000	11.2	100	100	1.0	100
LCE7.0A	7.0	7.78	8.60*	500	12.0	100	100	1.0	100
LCE7.5A	7.5	8.33	9.21*	250	12.9	100	100	1.0	100
LCE8.0A	8.0	8.89	9.83	100	13.6	100	100	1.0	100
LCE8.5A	8.5	9.44	10.40	50	14.4	100	100	1.0	100
LCE9.0A	9.0	10.00	11.10	10	15.4	97	100	1.0	100
LCE10A	10.0	11.10	12.30	5	17.0	88	100	1.0	100
LCE11A	11.0	12.20	13.50	5	18.2	82	100	1.0	100
LCE12A	12.0	13.30	14.70	5	19.9	75	100	1.0	100
LCE13A	13.0	14.40	15.90	5	21.5	70	100	1.0	100
LCE14A	14.0	15.60	17.20	5	23.2	65	100	1.0	100
LCE15A	15.0	16.70	18.50	5	24.4	61	100	1.0	100
LCE16A	16.0	17.80	19.70	5	26.0	57	100	1.0	100
LCE17A	17.0	18.90	20.90	5	27.6	54	100	1.0	100
LCE18A	18.0	20.00	22.10	5	29.2	51	100	1.0	100
LCE20A	20.0	22.20	24.50	5	32.4	46	100	1.0	100
LCE22A	22.0	24.40	26.90	5	35.5	42	100	1.0	100
LCE24A	24.0	26.70	29.50	5	38.9	39	100	1.0	100
LCE26A	26.0	28.90	31.90	5	42.1	36	100	1.0	100
LCE28A	28.0	31.10	34.40	5	45.5	33	100	1.0	100

*Test current: 10mA



3000W TVS / R-6

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b (μ A)
		MIN	MAX	I_T (mA)			
3KP5.0(C)	5.0	6.40	7.30	50	9.6	312.5	5000
3KP5.0(C)A	5.0	6.40	7.00	50	9.2	326.0	5000
3KP6.0(C)	6.0	6.67	8.15	50	11.4	263.2	5000
3KP6.0(C)A	6.0	6.67	7.37	50	10.3	291.3	5000
3KP6.5(C)	6.5	7.22	8.82	5.0	12.3	243.9	2000
3KP6.5(C)A	6.5	7.22	7.98	5.0	11.2	267.9	2000
3KP7.0(C)	7.0	7.78	9.51	5.0	13.3	225.6	1000
3KP7.0(C)A	7.0	7.78	8.60	5.0	12.0	250.0	1000
3KP7.5(C)	7.5	8.33	10.2	5.0	14.3	209.8	250
3KP7.5(C)A	7.5	8.33	9.21	5.0	12.9	232.6	250
3KP8.0(C)	8.0	8.89	10.9	5.0	15.0	200.0	150
3KP8.0(C)A	8.0	8.89	9.83	5.0	13.6	220.6	150
3KP8.5(C)	8.5	9.44	11.5	5.0	15.9	188.6	50
3KP8.5(C)A	8.5	9.44	10.4	5.0	14.4	208.4	50
3KP9.0(C)	9.0	10.0	12.2	5.0	16.9	177.4	20
3KP9.0(C)A	9.0	10.0	11.1	5.0	15.4	194.8	20
3KP10(C)	10	11.1	13.6	5.0	18.8	159.6	15
3KP10(C)A	10	11.1	12.3	5.0	17.0	176.4	15
3KP11(C)	11	12.2	14.9	5.0	20.1	149.2	10
3KP11(C)A	11	12.2	13.5	5.0	18.2	164.8	10
3KP12(C)	12	13.3	16.3	5.0	22.0	136.4	10
3KP12(C)A	12	13.3	14.7	5.0	19.9	150.6	10
3KP13(C)	13	14.4	17.6	5.0	23.8	126.0	10
3KP13(C)A	13	14.4	15.9	5.0	21.5	139.4	10
3KP14(C)	14	15.6	19.1	5.0	25.8	116.2	10
3KP14(C)A	14	15.6	17.2	5.0	23.2	129.4	10
3KP15(C)	15	16.7	20.4	5.0	26.9	111.6	10
3KP15(C)A	15	16.7	18.5	5.0	24.4	123.0	10
3KP16(C)	16	17.8	21.8	5.0	28.8	104.2	10
3KP16(C)A	16	17.8	19.7	5.0	26.0	115.4	10
3KP17(C)	17	18.9	23.1	5.0	30.5	98.4	10
3KP17(C)A	17	18.9	20.9	5.0	27.6	106.6	10
3KP18(C)	18	20.0	24.4	5.0	32.2	93.2	10
3KP18(C)A	18	20.0	22.1	5.0	29.2	102.8	10
3KP20(C)	20	22.2	27.1	5.0	35.8	83.8	10
3KP20(C)A	20	22.2	24.5	5.0	32.4	92.6	10
3KP22(C)	22	24.4	29.8	5.0	39.4	76.2	10
3KP22(C)A	22	24.4	26.9	5.0	35.5	84.4	10
3KP24(C)	24	26.7	32.6	5.0	43.0	69.8	10
3KP24(C)A	24	26.7	29.5	5.0	38.9	77.2	10
3KP26(C)	26	28.9	35.3	5.0	46.6	64.4	10
3KP26(C)A	26	28.9	31.9	5.0	42.1	71.2	10
3KP28(C)	28	31.1	38.0	5.0	50.0	60.0	10
3KP28(C)A	28	31.1	34.4	5.0	45.4	66.0	10
3KP30(C)	30	33.3	40.7	5.0	53.5	56.0	10
3KP30(C)A	30	33.3	36.8	5.0	48.4	62.0	10
3KP33(C)	33	36.7	44.9	5.0	59.0	50.4	10
3KP33(C)A	33	36.7	40.6	5.0	53.3	56.2	10
3KP36(C)	36	40.0	48.9	5.0	64.3	46.6	10
3KP36(C)A	36	40.0	44.2	5.0	58.1	51.6	10
3KP40(C)	40	44.4	54.3	5.0	71.4	42.0	10
3KP40(C)A	40	44.4	49.1	5.0	64.5	46.4	10
3KP43(C)	43	47.8	58.4	5.0	76.7	39.2	10
3KP43(C)A	43	47.8	52.8	5.0	69.4	43.2	10
3KP45(C)	45	50.0	61.1	5.0	80.3	37.4	10
3KP45(C)A	45	50.0	55.3	5.0	72.7	41.2	10
3KP48(C)	48	53.3	65.1	5.0	85.5	35.0	10
3KP48(C)A	48	53.3	58.9	5.0	77.4	38.8	10



3000W TVS / R-6

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b (μA)
		MIN	MAX	I_T (mA)			
3KP 51(C)	51	56.7	69.3	5.0	91.1	37.0	10
3KP51(C)A	51	56.7	62.7	5.0	82.4	36.4	10
3KP54(C)	54	60.0	73.3	5.0	96.3	31.2	10
3KP54(C)A	54	60.0	66.3	5.0	87.1	34.4	10
3KP58(C)	58	64.4	78.7	5.0	103	39.2	10
3KP58(C)A	58	64.4	71.2	5.0	93.6	32.0	10
3KP60(C)	60	66.7	81.5	5.0	107	28.0	10
3KP60(C)A	60	66.7	73.7	5.0	96.8	31.0	10
3KP64(C)	64	71.1	86.9	5.0	114	26.4	10
3KP64(C)A	64	71.1	78.6	5.0	103	29.2	10
3KP70(C)	70	77.8	95.1	5.0	125	24.0	10
3KP70(C)A	70	77.8	86.0	5.0	113	26.6	10
3KP75(C)	75	83.3	102	5.0	134	22.4	10
3KP75(C)A	75	83.3	92.1	5.0	121	24.8	10
3KP78(C)	78	86.7	106	5.0	139	21.6	10
3KP78(C)A	78	86.7	95.8	5.0	126	22.8	10
3KP85(C)	85	94.4	115	5.0	151	19.8	10
3KP85(C)A	85	94.4	104	5.0	137	20.8	10
3KP90(C)	90	100	122	5.0	160	18.8	10
3KP90(C)A	90	100	111	5.0	146	20.6	10
3KP100(C)	100	111	136	5.0	179	16.8	10
3KP100(C)A	100	111	123	5.0	162	18.6	10
3KP110(C)	110	122	149	5.0	196	15.4	10
3KP110(C)A	110	122	135	5.0	177	16.8	10
3KP120(C)	120	133	163	5.0	214	14.0	10
3KP120(C)A	120	133	147	5.0	193	15.6	10
3KP130(C)	130	144	176	5.0	231	13.0	10
3KP130(C)A	130	144	159	5.0	209	14.4	10
3KP150(C)	150	167	204	5.0	268	11.2	10
3KP150(C)A	150	167	185	5.0	243	12.4	10
3KP160(C)	160	178	218	5.0	287	10.4	10
3KP160(C)A	160	178	197	5.0	259	11.6	10
3KP170(C)	170	189	231	5.0	304	9.8	10
3KP170(C)A	170	189	209	5.0	275	11.0	10
3KP180(C)A	180	200	221	5.0	289	10.4	10
3KP190(C)A	190	211	233	5.0	310	9.7	10
3KP200(C)A	200	222	246	5.0	329.2	9.1	10
3KP210(C)A	210	233	258	5.0	349.5	8.6	10
3KP220(C)A	220	244	270	5.0	371.1	8.1	10



5000W TVS / R-6

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_b (μA)
		MIN	MAX	I_T (mA)			
5KP5.0(C)A	5.0	6.40	7.00	5.0	9.2	543	2000
5KP6.0(C)A	6.0	6.67	7.37	5.0	10.3	485	5000
5KP6.5(C)A	6.5	7.22	7.98	5.0	11.2	447	2000
5KP7.0(C)A	7.0	7.78	8.60	5.0	12.0	417	1000
5KP7.5(C)A	7.5	8.33	9.21	5.0	12.9	388	250
5KP8.0(C)A	8.0	8.89	9.83	5.0	13.6	367	150
5KP8.5(C)A	8.5	9.44	10.4	5.0	14.4	347	50



5000W TVS / R-6

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)
		MIN	MAX	I_T (mA)			
5KP9.0(C)A	9.0	10.0	11.1	5.0	15.4	325	20
5KP10(C)A	10	11.1	12.3	5.0	17.0	294	15
5KP11(C)A	11	12.2	13.5	5.0	18.2	274	10
5KP12(C)A	12	13.3	14.7	5.0	19.9	251	10
5KP13(C)A	13	14.4	15.9	5.0	21.5	232	10
5KP14(C)A	14	15.6	17.2	5.0	23.2	215	10
5KP15(C)A	15	16.7	18.5	5.0	24.4	206	10
5KP16(C)A	16	17.8	19.7	5.0	26.0	192	10
5KP17(C)A	17	18.9	20.9	5.0	27.6	181	10
5KP18(C)A	18	20.0	22.1	5.0	29.2	172	10
5KP20(C)A	20	22.2	24.5	5.0	32.4	154	10
5KP22(C)A	22	24.4	26.9	5.0	35.5	141	10
5KP24(C)A	24	26.7	29.5	5.0	38.9	128	10
5KP26(C)A	26	28.9	31.9	5.0	42.1	119	10
5KP28(C)A	28	31.1	34.4	5.0	45.4	110	10
5KP30(C)A	30	33.3	36.8	5.0	48.4	103	10
5KP33(C)A	33	36.7	40.6	5.0	53.3	94	10
5KP36(C)A	36	40.0	44.2	5.0	58.1	86	10
5KP40(C)A	40	44.4	49.1	5.0	64.5	78	10
5KP43(C)A	43	47.8	52.8	5.0	69.4	72	10
5KP45(C)A	45	50.0	55.3	5.0	72.7	69	10
5KP48(C)A	48	53.3	58.9	5.0	77.4	65	10
5KP51(C)A	51	56.7	62.7	5.0	82.4	61	10
5KP54(C)A	54	60.0	66.3	5.0	87.1	57	10
5KP58(C)A	58	64.4	71.2	5.0	93.6	53	10
5KP60(C)A	60	66.7	73.7	5.0	96.8	52	10
5KP64(C)A	64	71.1	78.6	5.0	103	49	10
5KP70(C)A	70	77.8	86.0	5.0	113	44	10
5KP75(C)A	75	83.3	92.1	5.0	121	41	10
5KP78(C)A	78	86.7	95.8	5.0	126	40	10
5KP85(C)A	85	94.4	104	5.0	137	36	10
5KP90(C)A	90	100	111	5.0	146	34	10
5KP100(C)A	100	111	123	5.0	162	31	10
5KP110(C)A	110	122	135	5.0	177	28	10
5KP120(C)A	120	133	147	5.0	193	26.4	10
5KP130(C)A	130	144	159	5.0	209	24.4	10
5KP150(C)A	150	167	185	5.0	243	21.0	10
5KP160(C)A	160	178	197	5.0	259	19.7	10
5KP170(C)A	170	189	209	5.0	275	18.5	10
5KP180(C)A	180	200	221	5.0	292	17.5	10
5KP190(C)A	190	211	233	5.0	310	16.5	10
5KP200(C)A	200	222	246	5.0	329.2	15.5	10
5KP220(C)A	220	244	270	5.0	371.1	13.7	10
5KP250(C)A	250	277	306	5.0	425	12.0	10



15000W TVS / R-6

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE $V_{RWM}(V)$	BREAKDOWN VOLTAGE $V_{BR}(V)$ MIN. @ I_T	TEST CURRENT $I_T(mA)$	MAXIMUM REVERSE LEAKAGE $I_D @ V_{RWM}$	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$	MAXIMUM PEAK PULSE CURRENT I_{PP}
	V	V	mA	(μA)	V	A
15KP17(C)A	17	18.9	50	5000	29.3	512
15KP18(C)A	18	20.0	50	5000	30.9	485
15KP20(C)A	20	22.2	20	1500	34.3	437
15KP22(C)A	22	24.4	10	500	37.1	404
15KP24(C)A	24	26.7	5	150	40.5	369
15KP26(C)A	26	28.9	5	50	44.0	347
15KP28(C)A	28	31.1	5	25	47.5	316
15KP30(C)A	30	33.3	5	15	50.7	296
15KP33(C)A	33	36.7	5	10	54.8	274
15KP36(C)A	36	40.0	5	10	59.7	251
15KP40(C)A	40	44.4	5	10	65.8	228
15KP43(C)A	43	47.8	5	10	69.7	215
15KP45(C)A	45	50.0	5	10	73.0	205
15KP48(C)A	48	53.3	5	10	77.7	193
15KP51(C)A	51	56.7	5	10	82.8	181
15KP54(C)A	54	60.0	5	10	87.5	171
15KP58(C)A	58	64.4	5	10	94.0	160
15KP60(C)A	60	66.7	5	10	97.3	154
15KP64(C)A	64	71.1	5	10	104.0	144
15KP70(C)A	70	77.8	5	10	114.0	132
15KP75(C)A	75	83.3	5	10	122.0	123
15KP78(C)A	78	86.7	5	10	126.0	119
15KP85(C)A	85	94.4	5	10	137.0	109
15KP90(C)A	90	100.0	5	10	146.0	103
15KP100(C)A	100	111.0	5	10	162.0	93
15KP110(C)A	110	122.0	5	10	178.0	84
15KP120(C)A	120	133.0	5	10	193.0	78
15KP130(C)A	130	144.0	5	10	209.0	72
15KP150(C)A	150	167.0	5	10	243.0	62
15KP160(C)A	160	178.0	5	10	259.0	58
15KP170(C)A	170	189.0	5	10	275.0	55
15KP180(C)A	180	200.0	5	10	291.0	52
15KP200(C)A	200	222.0	5	10	322.0	47
15KP220(C)A	220	245.0	5	10	356.0	42
15KP240(C)A	240	267.0	5	10	388.0	39
15KP260(C)A	260	289.0	5	10	419.0	36
15KP280(C)A	280	311.0	5	10	452.0	33



30000W TVS / R-6


MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE $V_{RWM}(V)$	BREAKDOWN VOLTAGE $V_{BR}(V)$ MIN. @ I_T	BREAKDOWN VOLTAGE $V_{BR}(V)$ MAX. @ I_T	TEST CURRENT $I_T(mA)$	MAXIMUM PEAK PULSE CURRENT I_{PP}	MAXIMUM REVERSE LEAKAGE $I_D @ V_{RWM}$	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$
	V	V	V	mA	A	(μA)	V
30KP28(C)A	28	31.28	34.24	50	606	5000	50
30KP30(C)A	30	33.51	36.69	50	548.9	5000	55.2
30KP33(C)A	33	36.90	40.40	50	517.9	5000	58.5
30KP36(C)A	36	40.20	44.00	50	490.3	5000	61.8
30KP39(C)A	39	43.60	47.70	20	450.9	2000	67.2
30KP42(C)A	42	46.90	51.40	10	420.8	1000	72
30KP43(C)A	43	48.00	52.60	10	415.1	1000	73
30KP45(C)A	45	50.30	55.00	5	391.5	250	77.4
30KP48(C)A	48	53.60	58.70	5	371.3	150	81.6
30KP51(C)A	51	57.00	62.40	5	350.7	50	86.4
30KP54(C)A	54	60.30	66.00	5	331.5	20	91.4
30KP58(C)A	58	64.80	70.90	5	327.9	20	92.4
30KP60(C)A	60	67.00	73.40	5	297.1	15	102
30KP64(C)A	64	71.50	78.30	5	291.3	10	104
30KP66(C)A	66	73.70	80.70	5	283.2	10	107
30KP70(C)A	70	78.20	85.60	5	278	10	109
30KP71(C)A	71	79.30	86.80	5	271.7	10	111.5
30KP72(C)A	72	80.40	88.10	5	265.8	10	114
30KP75(C)A	75	83.80	91.70	5	253.8	10	119.4
30KP78(C)A	78	87.10	95.40	5	234.9	10	129
30KP84(C)A	84	93.80	102.7	5	217.7	10	139.2
30KP90(C)A	90	100.5	110.1	5	207	10	146.4
30KP96(C)A	96	107.2	117.4	5	194.2	10	156
30KP102(C)A	102	113.9	124.7	5	183	10	165.6
30KP108(C)A	108	120.6	132.1	5	172.9	10	175.2
30KP120(C)A	120	134	146.8	5	155.9	10	194.4
30KP132(C)A	132	147.4	161.4	5	142.3	10	213
30KP144(C)A	144	160.8	176.1	5	135.8	10	223.2
30KP150(C)A	150	167.6	183.5	5	129.8	10	233.4
30KP156(C)A	156	174.3	190.8	5	123.7	10	245
30KP160(C)A	160	178.7	195.7	5	120	10	252.6
30KP168(C)A	168	187.7	205.5	5	111.2	10	272.4
30KP170(C)A	170	189.9	207.9	5	110.2	10	275
30KP180(C)A	180	201.1	220.1	5	104.3	10	290.4
30KP198(C)A	198	221.2	242.2	5	94.7	10	319.8
30KP216(C)A	216	241.3	264.2	5	86.9	10	348.6
30KP240(C)A	240	268.1	293.5	5	78.3	10	387
30KP258(C)A	258	288.2	315.5	5	72.8	10	416.4
30KP260(C)A	260	290.4	318	5	72.8	10	416
30KP270(C)A	270	301.6	330.2	5	69.5	10	436.2
30KP280(C)A	280	312.8	342.4	5	35.3	10	464
30KP288(C)A	288	321.7	352.2	5	64.5	10	469.9



400W TVS / SMA / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE VWM (VOLTS)	BREAKDOWN VOLTAGE V(BR) @ IT (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ IPP (VOLTS)	PEAK PULSE CURRENT IPP (AMPS)	MAXIMUM REVERSE LEAKAGE @VWM ID (µA)	MARKING CODE	
		MIN	MAX	I _T (mA)					
SMAJ5.0	5.0	6.40	7.30	10	9.6	41.6	800	AD	HD
SMAJ5.0A	5.0	6.40	7.00	10	9.2	43.5	800	AE	HE
SMAJ6.0	6.0	6.67	8.15	10	11.4	35.1	800	AF	HF
SMAJ6.0A	6.0	6.67	7.37	10	10.3	38.8	800	AG	HG
SMAJ6.5	6.5	7.22	8.82	10	12.3	32.5	500	AH	HH
SMAJ6.5A	6.5	7.22	7.98	10	11.2	35.7	500	AK	HK
SMAJ7.0	7.0	7.78	9.51	10	13.3	30.1	200	AL	HL
SMAJ7.0A	7.0	7.78	8.60	10	12.0	33.3	200	AM	HM
SMAJ7.5	7.5	8.33	10.2	1.0	14.3	28.0	100	AN	HN
SMAJ7.5A	7.5	8.33	9.21	1.0	12.9	31.0	100	AP	HP
SMAJ8.0	8.0	8.89	10.9	1.0	15.0	26.5	50	AQ	HQ
SMAJ8.0A	8.0	8.89	9.83	1.0	13.6	29.4	50	AR	HR
SMAJ8.5	8.5	9.44	11.5	1.0	15.9	25.1	10	AS	HS
SMAJ8.5A	8.5	9.44	10.4	1.0	14.4	27.7	10	AT	HT
SMAJ9.0	9.0	10.0	12.2	1.0	16.9	23.6	5.0	AU	HU
SMAJ9.0A	9.0	10.0	11.1	1.0	15.4	26.0	5.0	AV	HV
SMAJ10	10	11.1	13.6	1.0	18.8	21.2	5.0	AW	HW
SMAJ10A	10	11.1	12.3	1.0	17.0	23.5	5.0	AX	HX
SMAJ11	11	12.2	14.9	1.0	20.1	20.0	5.0	AY	HY
SMAJ11A	11	12.2	13.5	1.0	18.2	22.0	5.0	AZ	HZ
SMAJ12	12	13.3	16.3	1.0	22.0	18.1	5.0	BD	ID
SMAJ12A	12	13.3	14.7	1.0	19.9	20.1	5.0	BE	IE
SMAJ13	13	14.4	17.6	1.0	23.8	16.8	5.0	BF	IF
SMAJ13A	13	14.4	15.9	1.0	21.5	18.6	5.0	BG	IG
SMAJ14	14	15.6	19.1	1.0	25.8	15.5	5.0	BH	IH
SMAJ14A	14	15.6	17.2	1.0	23.2	17.2	5.0	BK	IK
SMAJ15	15	16.7	20.4	1.0	26.9	14.8	5.0	BL	IL
SMAJ15A	15	16.7	18.5	1.0	24.4	16.4	5.0	BM	IM
SMAJ16	16	17.8	21.8	1.0	28.8	13.8	5.0	BN	IN
SMAJ16A	16	17.8	19.7	1.0	26.0	15.3	5.0	BP	IP
SMAJ17	17	18.9	23.1	1.0	30.5	13.1	5.0	BQ	IQ
SMAJ17A	17	18.9	20.9	1.0	27.6	14.5	5.0	BR	IR
SMAJ18	18	20.0	24.4	1.0	32.2	12.4	5.0	BS	IS
SMAJ18A	18	20.0	22.1	1.0	29.2	13.7	5.0	BT	IT
SMAJ20	20	22.2	27.1	1.0	35.8	11.1	5.0	BU	IU
SMAJ20A	20	22.2	24.5	1.0	32.4	12.3	5.0	BV	IV
SMAJ22	22	24.4	29.8	1.0	39.4	16.1	5.0	BW	IW
SMAJ22A	22	24.4	26.9	1.0	35.5	11.2	5.0	BX	IX
SMAJ24	24	26.7	32.6	1.0	43.0	9.3	5.0	BY	IY
SMAJ24A	24	26.7	29.5	1.0	38.9	10.3	5.0	BZ	IZ
SMAJ26	26	28.9	35.3	1.0	46.6	8.5	5.0	CD	JD
SMAJ26A	26	28.9	31.9	1.0	42.1	9.6	5.0	CE	JE
SMAJ28	28	31.1	38.0	1.0	50.0	8.0	5.0	CF	JF
SMAJ28A	28	31.1	34.4	1.0	45.4	8.8	5.0	CG	JG
SMAJ30	30	33.3	40.7	1.0	53.5	7.5	5.0	CH	JH
SMAJ30A	30	33.3	36.8	1.0	48.4	8.3	5.0	CK	JK
SMAJ33	33	36.7	44.9	1.0	59.0	6.8	5.0	CL	JL
SMAJ33A	33	36.7	40.6	1.0	53.3	7.5	5.0	CM	JM
SMAJ36	36	40.0	48.9	1.0	64.3	6.2	5.0	CN	JN
SMAJ36A	36	40.0	44.2	1.0	58.1	6.9	5.0	CP	JP
SMAJ40	40	44.4	54.3	1.0	71.4	5.6	5.0	CQ	JQ
SMAJ40A	40	44.4	49.1	1.0	64.5	6.2	5.0	CR	JR
SMAJ43	43	47.8	58.4	1.0	76.7	5.2	5.0	CS	JS
SMAJ43A	43	47.8	52.8	1.0	69.4	5.7	5.0	CT	JT
SMAJ45	45	50.0	61.1	1.0	80.3	5.0	5.0	CU	JU
SMAJ45A	45	50.0	55.3	1.0	72.7	5.5	5.0	CV	JV
SMAJ48	48	53.3	65.1	1.0	85.5	4.7	5.0	CW	JW
SMAJ48A	48	53.3	58.9	1.0	77.4	5.2	5.0	CX	JX

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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE VWM (VOLTS)	BREAKDOWN VOLTAGE V(BR) @ IT (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ IPP (VOLTS)	PEAK PULSE CURRENT IPP (AMPS)	MAXIMUM REVERSE LEAKAGE @VWM ID (µA)	MARKING CODE	
		MIN	MAX	I _r (mA)					
SMAJ51	51	56.7	69.3	1.0	91.1	4.4	5.0	CY	JY
SMAJ51A	51	56.7	62.7	1.0	82.4	4.9	5.0	CZ	JZ
SMAJ54	54	60.0	73.3	1.0	96.3	4.2	5.0	RD	
SMAJ54A	54	60.0	66.3	1.0	87.1	4.6	5.0	RE	
SMAJ58	58	64.4	78.7	1.0	103	3.9	5.0	RF	
SMAJ58A	58	64.4	71.2	1.0	93.6	4.3	5.0	RG	
SMAJ60	60	66.7	81.5	1.0	107	3.7	5.0	RH	
SMAJ60A	60	66.7	73.7	1.0	96.8	4.1	5.0	RK	
SMAJ64	64	71.1	86.9	1.0	114	3.5	5.0	RL	
SMAJ64A	64	71.1	78.6	1.0	103	3.9	5.0	RM	
SMAJ70	70	77.8	95.1	1.0	125	3.2	5.0	RN	
SMAJ70A	70	77.8	86.0	1.0	113	3.5	5.0	RP	
SMAJ75	75	83.3	102	1.0	134	3.0	5.0	RQ	
SMAJ75A	75	83.3	92.1	1.0	121	3.3	5.0	RR	
SMAJ78	78	86.7	106	1.0	139	2.9	5.0	RS	
SMAJ78A	78	86.7	95.8	1.0	126	2.2	5.0	RT	
SMAJ85	85	94.4	115	1.0	151	2.6	5.0	RU	
SMAJ85A	85	94.4	104	1.0	137	2.9	5.0	RV	
SMAJ90	90	100	122	1.0	160	2.5	5.0	RW	
SMAJ90A	90	100	111	1.0	146	2.7	5.0	RX	
SMAJ100	100	111	136	1.0	179	2.2	5.0	RY	
SMAJ100A	100	111	123	1.0	162	2.5	5.0	RZ	
SMAJ110	110	122	149	1.0	196	2.0	5.0	SD	
SMAJ110A	110	122	135	1.0	177	2.3	5.0	SE	
SMAJ120	120	133	163	1.0	214	1.9	5.0	SF	
SMAJ120A	120	133	147	1.0	193	2.0	5.0	SG	
SMAJ130	130	144	176	1.0	231	1.7	5.0	SH	
SMAJ130A	130	144	159	1.0	209	1.9	5.0	SK	
SMAJ150	150	167	204	1.0	268	1.5	5.0	SL	
SMAJ150A	150	167	185	1.0	243	1.6	5.0	SM	
SMAJ160	160	178	218	1.0	287	1.4	5.0	SN	
SMAJ160A	160	178	197	1.0	259	1.5	5.0	SP	
SMAJ170	170	189	231	1.0	304	1.3	5.0	SQ	
SMAJ170A	170	189	209	1.0	275	1.5	5.0	SR	
SMAJ180A	180	201	222	1.0	292	1.4	5.0	ST	
SMAJ200A	200	224	247	1.0	324	1.2	5.0	SV	
SMAJ220A	220	246	272	1.0	356	1.1	5.0	SX	
SMAJ250A	250	279	309	1.0	405	1.0	5.0	SZ	
SMAJ300A	300	335	371	1.0	486	0.8	5.0	TE	
SMAJ350A	350	391	432	1.0	567	0.7	5.0	TG	
SMAJ400A	400	447	494	1.0	648	0.6	5.0	TK	
SMAJ440A	440	492	543	1.0	713	0.6	5.0	TM	

For bidirectional parts, add suffix 'C', for example, SMAJ5.0CA

400W TVS / SMA / SURFACE MOUNT

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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE VWM (VOLTS)	BREAKDOWN VOLTAGE V(BR) @ IT (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ IPP (VOLTS)	PEAK PULSE CURRENT IPP (AMPS)	MAXIMUM REVERSE LEAKAGE @VWM ID (µA)	MARKING CODE
		MIN	MAX	I _r (mA)				
SMAJP4KE6.8(C)A	5.80	6.45	7.14	10	10.5	39.0	1000	6V8(C)A
SMAJP4KE7.5(C)A	6.40	7.13	7.88	10	11.3	36.3	500	7V5(C)A
SMAJP4KE8.2(C)A	7.02	7.79	8.61	10	12.1	33.9	200	8V2(C)A
SMAJP4KE9.1(C)A	7.78	8.65	9.55	1	13.4	30.6	50	9V1(C)A
SMAJP4KE10(C)A	8.55	9.50	10.50	1	14.5	28.3	10	10(C)A
SMAJP4KE11(C)A	9.40	10.50	11.60	1	15.6	26.3	5	11(C)A
SMAJP4KE12(C)A	10.20	11.40	12.60	1	16.7	24.6	5	12(C)A
SMAJP4KE13(C)A	11.10	12.40	13.70	1	18.2	22.5	5	13(C)A
SMAJP4KE15(C)A	12.80	14.30	15.80	1	21.2	19.3	5	15(C)A

400W TVS / SMA / SURFACE MOUNT

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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V _{WM}	BREAKDOWN VOLTAGE V(BR) @ I _T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I _{PP}	PEAK PULSE CURRENT I _{PP}	MAXIMUM REVERSE LEAKAGE @ V _{WM} ID	MARKING CODE
	(VOLTS)	MIN	MAX	I _T (mA)	(VOLTS)	(AMPS)	(μA)	
SMAJP4KE16(C)A	13.60	15.20	16.80	1	22.5	18.2	5	16(C)A
SMAJP4KE18(C)A	15.30	17.10	18.90	1	25.5	16.1	5	18(C)A
SMAJP4KE20(C)A	17.10	19.00	21.00	1	27.7	14.8	5	20(C)A
SMAJP4KE22(C)A	18.80	20.90	23.10	1	30.6	13.4	5	22(C)A
SMAJP4KE24(C)A	20.50	22.80	25.20	1	33.2	12.3	5	24(C)A
SMAJP4KE27(C)A	23.10	25.70	28.40	1	37.5	10.9	5	27(C)A
SMAJP4KE30(C)A	25.60	28.50	31.50	1	41.4	9.9	5	30(C)A
SMAJP4KE33(C)A	28.20	31.40	34.70	1	45.7	9.0	5	33(C)A
SMAJP4KE36(C)A	30.80	34.20	37.80	1	49.9	8.2	5	36(C)A
SMAJP4KE39(C)A	33.30	37.10	41.00	1	53.9	7.6	5	39(C)A
SMAJP4KE43(C)A	36.80	40.90	45.20	1	59.3	6.9	5	43(C)A
SMAJP4KE47(C)A	40.20	44.47	49.40	1	64.8	6.3	5	47(C)A
SMAJP4KE51(C)A	43.60	48.50	53.60	1	70.1	5.8	5	51(C)A
SMAJP4KE56(C)A	47.80	53.20	58.80	1	77.0	5.3	5	56(C)A
SMAJP4KE62(C)A	53.00	58.90	65.10	1	85.0	4.8	5	62(C)A
SMAJP4KE68(C)A	58.10	64.60	71.40	1	92.0	4.5	5	68(C)A
SMAJP4KE75(C)A	64.10	71.30	78.80	1	103.0	4.0	5	75(C)A
SMAJP4KE82(C)A	70.10	77.90	86.10	1	113.0	3.6	5	82(C)A
SMAJP4KE91(C)A	77.80	86.50	95.50	1	125.0	3.3	5	91(C)A
SMAJP4KE100(C)A	85.50	95.00	105.00	1	137.0	3.0	5	100(C)A
SMAJP4KE110(C)A	94.00	105.00	116.00	1	152.0	2.7	5	110(C)A
SMAJP4KE120(C)A	102.00	114.00	126.00	1	165.0	2.5	5	120(C)A
SMAJP4KE130(C)A	111.00	124.00	137.00	1	179.0	2.3	5	130(C)A
SMAJP4KE150(C)A	128.00	143.00	158.00	1	207.0	2.0	5	150(C)A
SMAJP4KE160(C)A	136.00	152.00	168.00	1	219.0	1.9	5	160(C)A
SMAJP4KE170(C)A	145.00	162.00	179.00	1	234.0	1.8	5	170(C)A
SMAJP4KE180(C)A	154.00	171.00	189.00	1	246.0	1.7	5	180(C)A
SMAJP4KE200(C)A	171.00	190.00	210.00	1	274.0	1.5	5	200(C)A
SMAJP4KE220(C)A	185.00	209.00	231.00	1	328.0	1.3	5	220(C)A
SMAJP4KE250(C)A	214.00	237.00	263.00	1	344.0	1.2	5	250(C)A
SMAJP4KE300(C)A	256.00	285.00	315.00	1	414.0	1.0	5	300(C)A
SMAJP4KE350(C)A	300.00	332.00	368.00	1	482.0	0.9	5	350(C)A
SMAJP4KE400(C)A	342.00	380.00	420.00	1	548.0	0.8	5	400(C)A
SMAJP4KE440(C)A	376.00	418.00	462.00	1	602.0	0.7	5	440(C)A
SMAJP4KE480(C)A	408.00	456.00	504.00	1	658.0	0.6	5	480(C)A
SMAJP4KE510(C)A	434.00	485.00	535.00	1	698.0	0.6	5	510(C)A
SMAJP4KE530(C)A	477.00	503.50	556.50	1	725.0	0.6	5	530(C)A
SMAJP4KE540(C)A	459.00	513.00	567.00	1	740.0	0.5	5	540(C)A
SMAJP4KE550(C)A	495.00	522.50	577.50	1	760.0	0.5	5	550(C)A

500W TVS / SMB / SURFACE MOUNT



MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V _{WM}	MINIMUM BREAKDOWN VOLTAGE AT I _T =1.0mA	MAXIMUM REVERSE LEAKAGE AT V _{WM}	MAXIMUM CLAMPING VOLTAGE AT I _{PP} =5.0A	PEAK PULSE CURRENT I _{PP}	MAXIMUM JUNCTION CAPACITANCE AT 0 VOLTS	Working Inverse Blocking Voltage	Inverse Blocking Leakage Current	PEAK INVERSE BLOCKING VOLTAGE	Marking Code
	(VOLTS)	(VOLTS)	(μA)	(VOLTS)	(AMPS)	(pF)	(VOLTS)	(mA)	(VOLTS)	
SMBSAC5.0	5.0	7.6	300	10.0	44.0	45	75	1.0	100	SKE
SMBSAC6.0	6.0	7.9	300	11.2	41.0	45	75	1.0	100	SKG
SMBSAC7.0	7.0	8.3	300	12.6	38.0	45	75	1.0	100	SKM
SMBSAC8.0	8.0	8.9	100	13.4	36.0	45	75	1.0	100	SKR
SMBSAC8.5	8.5	9.44	50	14.0	34.0	45	75	1.0	100	SKT
SMBSAC10	10.0	11.10	5	16.3	29.0	45	75	1.0	100	SKX

500W TVS / SMB / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM}	MINIMUM BREAKDOWN VOLTAGE AT $I_T=1.0mA$	MAXIMUM REVERSE LEAKAGE AT V_{WM}	MAXIMUM CLAMPING VOLTAGE AT $I_{PP}=5.0A$	PEAK PULSE CURRENT I_{PP}	MAXIMUM JUNCTION CAPACITANCE AT 0 VOLTS	Working Inverse Blocking Voltage	Inverse Blocking Leakage Current	PEAK INVERSE BLOCKING VOLTAGE	Marking Code
	(VOLTS)	(VOLTS)	(μA)	(VOLTS)	(AMPS)	(pF)	(VOLTS)	(mA)	(VOLTS)	
SMBSAC12	12.0	13.30	5	19.0	25.0	45	75	1.0	100	SLE
SMBSAC15	15.0	16.70	5	23.6	20.0	45	75	1.0	100	SLM
SMBSAC18	18.0	20.00	5	28.8	15.0	45	75	1.0	100	SLT
SMBSAC22	22.0	24.40	5	35.4	14.0	45	75	1.0	100	SLX
SMBSAC26	26.0	28.90	5	42.3	11.1	45	75	1.0	100	SME
SMBSAC30	30.0	33.30	5	48.6	10.0	45	75	1.0	100	SMK
SMBSAC36	36.0	40.00	5	60.0	8.6	45	75	1.0	100	SMP
SMBSAC45	45.0	50.00	5	77.0	6.8	45	150	1.0	100	SMV
SMBSAC50	50.0	55.50	5	88.0	5.8	45	150	1.0	200	SMZ

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MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM}	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP}	PEAK PULSE CURRENT I_{PP}	MAXIMUM REVERSE LEAKAGE @ V_{WM}	MARKING CODE
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)	
SMBJ5.0	5.0	6.40	7.30	10	9.6	62.5	800	KD
SMBJ5.0A	5.0	6.40	7.00	10	9.2	65.2	800	KE
SMBJ6.0	6.0	6.67	8.15	10	11.4	52.6	800	KF
SMBJ6.0A	6.0	6.67	7.37	10	10.3	58.3	800	KG
SMBJ6.5	6.5	7.22	8.82	10	12.3	48.7	500	KH
SMBJ6.5A	6.5	7.22	7.98	10	11.2	53.6	500	KK
SMBJ7.0	7.0	7.78	9.51	10	13.3	45.1	200	KL
SMBJ7.0A	7.0	7.78	8.60	10	12.0	50.0	200	KM
SMBJ7.5	7.5	8.33	10.2	1.0	14.3	42.0	100	KN
SMBJ7.5A	7.5	8.33	9.21	1.0	12.9	46.5	100	KP
SMBJ8.0	8.0	8.89	10.9	1.0	15.0	40.0	50	KQ
SMBJ8.0A	8.0	8.89	9.83	1.0	13.6	44.1	50	KR
SMBJ8.5	8.5	9.44	11.5	1.0	15.9	37.7	10	KS
SMBJ8.5A	8.5	9.44	10.4	1.0	14.4	41.7	10	KT
SMBJ9.0	9.0	10.0	12.2	1.0	16.9	35.5	5.0	KU
SMBJ9.0A	9.0	10.0	11.1	1.0	15.4	39.0	5.0	KV
SMBJ10	10	11.1	13.6	1.0	18.8	31.9	5.0	KW
SMBJ10A	10	11.1	12.3	1.0	17.0	35.3	5.0	KX
SMBJ11	11	12.2	14.9	1.0	20.1	29.9	5.0	KY
SMBJ11A	11	12.2	13.5	1.0	18.2	33.0	5.0	KZ
SMBJ12	12	13.3	16.3	1.0	22.0	27.3	5.0	LD
SMBJ12A	12	13.3	14.7	1.0	19.9	30.2	5.0	LE
SMBJ13	13	14.4	17.6	1.0	23.8	25.2	5.0	LF
SMBJ13A	13	14.4	15.9	1.0	21.5	27.9	5.0	LG
SMBJ14	14	15.6	19.1	1.0	25.8	23.3	5.0	LH
SMBJ14A	14	15.6	17.2	1.0	23.2	25.8	5.0	LK
SMBJ15	15	16.7	20.4	1.0	26.9	22.3	5.0	LL
SMBJ15A	15	16.7	18.5	1.0	24.4	24.0	5.0	LM
SMBJ16	16	17.8	21.8	1.0	28.8	20.8	5.0	LN
SMBJ16A	16	17.8	19.7	1.0	26.0	23.1	5.0	LP
SMBJ17	17	18.9	23.1	1.0	30.5	19.7	5.0	LQ
SMBJ17A	17	18.9	20.9	1.0	27.6	21.7	5.0	LR
SMBJ18	18	20.0	24.4	1.0	32.2	18.6	5.0	LS
SMBJ18A	18	20.0	22.1	1.0	29.2	20.5	5.0	LT



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600W TVS / SMB / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJ20	20	22.2	27.1	1.0	35.8	16.7	5.0	LU
SMBJ20A	20	22.2	24.5	1.0	32.4	18.5	5.0	LV
SMBJ22	22	24.4	29.8	1.0	39.4	15.2	5.0	LW
SMBJ22A	22	24.4	26.9	1.0	35.5	16.9	5.0	LX
SMBJ24	24	26.7	32.6	1.0	43.0	14.0	5.0	LY
SMBJ24A	24	26.7	29.5	1	38.9	15.4	5.0	LZ
SMBJ26	26	28.9	35.3	1.0	46.6	12.4	5.0	MD
SMBJ26A	26	28.9	31.9	1.0	42.1	14.2	5.0	ME
SMBJ28	28	31.1	38.0	1.0	50.0	12.0	5.0	MF
SMBJ28A	28	31.1	34.4	1.0	45.4	13.2	5.0	MG
SMBJ30	30	33.3	40.7	1.0	53.5	11.2	5.0	MH
SMBJ30A	30	33.3	36.8	1.0	48.4	12.4	5.0	MK
SMBJ33	33	36.7	44.9	1.0	59.0	10.2	5.0	ML
SMBJ33A	33	36.7	40.6	1.0	53.3	11.3	5.0	MM
SMBJ36	36	40.0	48.9	1.0	64.3	9.3	5.0	MN
SMBJ36A	36	40.0	44.2	1.0	58.1	10.3	5.0	MP
SMBJ40	40	44.4	54.3	1.0	71.4	8.4	5.0	MQ
SMBJ40A	40	44.4	49.1	1.0	64.5	9.3	5.0	MR
SMBJ43	43	47.8	58.4	1.0	76.7	7.8	5.0	MS
SMBJ43A	43	47.8	52.8	1.0	69.4	8.6	5.0	MT
SMBJ45	45	50.0	61.1	1.0	80.3	7.5	5.0	MU
SMBJ45A	45	50.0	55.3	1.0	72.7	8.3	5.0	MV
SMBJ48	48	53.3	65.1	1.0	85.5	7.0	5.0	MW
SMBJ48A	48	53.3	58.9	1.0	77.4	7.7	5.0	MX
SMBJ51	51	56.7	69.3	1.0	91.1	6.6	5.0	MY
SMBJ51A	51	56.7	62.7	1.0	82.4	7.3	5.0	MZ
SMBJ54	54	60.0	73.3	1.0	96.3	6.2	5.0	ND
SMBJ54A	54	60.0	66.3	1.0	87.1	6.9	5.0	NE
SMBJ58	58	64.4	78.7	1.0	103	5.8	5.0	NF
SMBJ58A	58	64.4	71.2	1.0	93.6	6.4	5.0	NG
SMBJ60	60	66.7	81.5	1.0	107	5.6	5.0	NH
SMBJ60A	60	66.7	73.7	1.0	96.8	6.2	5.0	NK
SMBJ64	64	71.1	86.9	1.0	114	5.3	5.0	NL
SMBJ64A	64	71.1	78.6	1.0	103	5.8	5.0	NM
SMBJ70	70	77.8	95.1	1.0	125	4.8	5.0	NN
SMBJ70A	70	77.8	86.0	1.0	113	5.3	5.0	NP
SMBJ75	75	83.3	102	1.0	134	4.5	5.0	NQ
SMBJ75A	75	83.3	92.1	1.0	121	4.9	5.0	N
SMBJ78	78	86.7	106	1.0	139	4.3	5.0	NS
SMBJ78A	78	86.7	95.8	1.0	126	4.7	5.0	NT
SMBJ85	85	94.4	115	1.0	151	3.9	5.0	NU
SMBJ85A	85	94.4	104	1.0	137	4.4	5.0	NV
SMBJ90	90	100	122	1.0	160	3.8	5.0	NW
SMBJ90A	90	100	111	1.0	146	4.1	5.0	NX
SMBJ100	100	111	136	1.0	179	3.4	5.0	NY
SMBJ100A	100	111	123	1.0	162	3.7	5.0	NZ
SMBJ110	110	122	149	1.0	196	3.0	5.0	PD
SMBJ110A	110	122	135	1.0	177	3.4	5.0	PE
SMBJ120	120	133	163	1.0	214	2.8	5.0	PF
SMBJ120A	120	133	147	1.0	193	3.1	5.0	PG
SMBJ130	130	144	176	1.0	231	2.6	5.0	PH
SMBJ130A	130	144	159	1.0	209	2.9	5.0	PK
SMBJ150	150	167	204	1.0	268	2.2	5.0	PL
SMBJ150A	150	167	185	1.0	243	2.5	5.0	PM
SMBJ160	160	178	218	1.0	287	2.1	5.0	PN
SMBJ160A	160	178	197	1.0	259	2.3	5.0	PP

600W TVS / SMB / SURFACE MOUNT



MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJ170	170	189	231	1.0	304	2.0	5.0	PQ
SMBJ170A	170	189	209	1.0	275	2.2	5.0	PR
SMBJ180A	180	201	222	1.0	292	2.1	5.0	PT
SMBJ200A	200	224	247	1.0	324	1.9	5.0	PV
SMBJ220A	220	246	272	1.0	356	1.7	5.0	PX
SMBJ250A	250	279	309	1.0	405	1.5	5.0	PZ
SMBJ300A	300	335	371	1.0	486	1.3	5.0	QE
SMBJ350A	350	391	432	1.0	567	1.1	5.0	QG
SMBJ400A	400	447	494	1.0	648	0.9	5.0	QK
SMBJ440A	440	492	543	1.0	713	0.9	5.0	QM

Note: For bi-directional type having V_{RWM} of 10 Volts and less, the I_R limit is double.
For parts without A, the V_{BR} is $\pm 10\%$

600W TVS / SMB / SURFACE MOUNT



MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJP6KE6.8A	5.80	6.45	7.14	10	10.5	58.1	1000	6V8A
SMBJP6KE7.5A	6.40	7.13	7.88	10	11.3	54.0	500	7V5A
SMBJP6KE8.2A	7.02	7.79	8.61	10	12.1	50.4	200	8V2A
SMBJP6KE9.1A	7.78	8.65	9.55	1	13.4	45.5	50	9V1A
SMBJP6KE10A	8.55	9.50	10.55	1	14.5	42.1	10	10A
SMBJP6KE11A	9.40	10.50	11.60	1	15.6	39.1	5	11A
SMBJP6KE12A	10.20	11.40	12.60	1	16.7	36.5	5	12A
SMBJP6KE13A	11.10	12.40	13.70	1	18.2	33.5	5	13A
SMBJP6KE15A	12.80	14.30	15.80	1	21.2	28.8	5	15A
SMBJP6KE16A	13.60	15.20	16.80	1	22.5	27.1	5	16A
SMBJP6KE18A	15.30	17.10	18.90	1	25.5	24.2	5	18A
SMBJP6KE20A	17.10	19.00	21.00	1	27.7	22.0	5	20A
SMBJP6KE22A	18.80	20.90	23.10	1	30.6	19.9	5	22A
SMBJP6KE24A	20.50	22.80	25.20	1	33.2	18.4	5	24A
SMBJP6KE27A	23.10	25.70	28.40	1	37.5	16.3	5	27A
SMBJP6KE30A	25.60	28.50	31.50	1	41.4	14.7	5	30A
SMBJP6KE33A	28.20	31.40	34.70	1	45.7	13.3	5	33A
SMBJP6KE36A	30.80	34.20	37.80	1	49.9	12.2	5	36A
SMBJP6KE39A	33.30	37.10	41.00	1	53.9	11.3	5	39A
SMBJP6KE43A	36.80	40.90	45.20	1	59.3	10.3	5	43A
SMBJP6KE47A	40.20	44.70	49.40	1	64.8	9.4	5	47A
SMBJP6KE51A	43.60	48.50	53.60	1	70.1	8.7	5	51A
SMBJP6KE56A	47.80	53.20	58.80	1	77.0	7.9	5	56A
SMBJP6KE62A	53.00	58.90	65.10	1	85.0	7.2	5	62A
SMBJP6KE68A	58.10	64.60	71.40	1	92.0	6.6	5	68A
SMBJP6KE75A	64.10	71.30	78.80	1	103.0	5.9	5	75A
SMBJP6KE82A	70.10	77.90	86.10	1	113.0	5.4	5	82A
SMBJP6KE91A	77.80	86.50	95.50	1	125.0	4.9	5	91A
SMBJP6KE100A	85.50	95.00	105.00	1	137.0	4.5	5	100A



600W TVS / SMB / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJP6KE110A	94.00	105.00	116.00	1	152.0	4.0	5	110A
SMBJP6KE120A	102.00	114.00	126.00	1	165.0	3.7	5	120A
SMBJP6KE130A	111.00	124.00	137.00	1	179.0	3.4	5	130A
SMBJP6KE150A	128.00	143.00	158.00	1	207.0	2.9	5	150A
SMBJP6KE160A	136.00	152.00	168.00	1	219.0	2.8	5	160A
SMBJP6KE170A	145.00	162.00	179.00	1	234.0	2.6	5	170A
SMBJP6KE180A	154.00	171.00	189.00	1	246.0	2.5	5	180A
SMBJP6KE200A	171.00	190.00	210.00	1	274.0	2.2	5	200A
SMBJP6KE220A	185.00	209.00	231.00	1	328.0	1.9	5	220A
SMBJP6KE250A	214.00	237.00	263.00	1	344.0	1.9	5	250A
SMBJP6KE300A	256.00	285.00	315.00	1	414.0	1.5	5	300A
SMBJP6KE350A	300.00	332.00	368.00	1	482.0	1.3	5	350A
SMBJP6KE400A	342.00	380.00	420.00	1	548.0	1.1	5	400A
SMBJP6KE440A	376.00	418.00	462.00	1	602.0	1.0	5	440A
SMBJP6KE480A	408.00	456.00	504.00	1	658.0	0.9	5	480A
SMBJP6KE510A	434.00	485.00	535.00	1	698.0	0.9	5	510A
SMBJP6KE530A	477.00	503.50	556.50	1	725.0	0.8	5	530A
SMBJP6KE540A	459.00	513.00	567.00	1	740.0	0.8	5	540A
SMBJP6KE550A	495.00	522.50	577.50	1	760.0	0.8	5	550A



600W TVS / SMB / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJP6KE6.8CA	5.80	6.45	7.14	10	10.5	58.1	1000	6V8C
SMBJP6KE7.5CA	6.40	7.13	7.88	10	11.3	54.0	500	7V5C
SMBJP6KE8.2CA	7.02	7.79	8.61	10	12.1	50.4	200	8V2C
SMBJP6KE9.1CA	7.78	8.65	9.55	1	13.4	45.5	50	9V1C
SMBJP6KE10CA	8.55	9.50	10.55	1	14.5	42.1	10	10C
SMBJP6KE11CA	9.40	10.50	11.60	1	15.6	39.1	5	11C
SMBJP6KE12CA	10.20	11.40	12.60	1	16.7	36.5	5	12C
SMBJP6KE13CA	11.10	12.40	13.70	1	18.2	33.5	5	13C
SMBJP6KE15CA	12.80	14.30	15.80	1	21.2	28.8	5	15C
SMBJP6KE16CA	13.60	15.20	16.80	1	22.5	27.1	5	16C
SMBJP6KE18CA	15.30	17.10	18.90	1	25.5	24.2	5	18C
SMBJP6KE20CA	17.10	19.00	21.00	1	27.7	22.0	5	20C
SMBJP6KE22CA	18.80	20.90	23.10	1	30.6	19.9	5	22C
SMBJP6KE24CA	20.50	22.80	25.20	1	33.2	18.4	5	24C
SMBJP6KE27CA	23.10	25.70	28.40	1	37.5	16.3	5	27C
SMBJP6KE30CA	25.60	28.50	31.50	1	41.4	14.7	5	30C
SMBJP6KE33CA	28.20	31.40	34.70	1	45.7	13.3	5	33C
SMBJP6KE36CA	30.80	34.20	37.80	1	49.9	12.2	5	36C
SMBJP6KE39CA	33.30	37.10	41.00	1	53.9	11.3	5	39C
SMBJP6KE43CA	36.80	40.90	45.20	1	59.3	10.3	5	43C
SMBJP6KE47CA	40.20	44.70	49.40	1	64.8	9.4	5	47C
SMBJP6KE51CA	43.60	48.50	53.60	1	70.1	8.7	5	51C
SMBJP6KE56CA	47.80	53.20	58.80	1	77.0	7.9	5	56C
SMBJP6KE62CA	53.00	58.90	65.10	1	85.0	7.2	5	62C



600W TVS / SMB / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMBJP6KE68CA	58.10	64.60	71.40	1	92.0	6.6	5	68C
SMBJP6KE75CA	64.10	71.30	78.80	1	103.0	5.9	5	75C
SMBJP6KE82CA	70.10	77.90	86.10	1	113.0	5.4	5	82C
SMBJP6KE91CA	77.80	86.50	95.50	1	125.0	4.9	5	91C
SMBJP6KE100CA	85.50	95.00	105.00	1	137.0	4.5	5	100C
SMBJP6KE110CA	94.00	105.00	116.00	1	152.0	4.0	5	110C
SMBJP6KE120CA	102.00	114.00	126.00	1	165.0	3.7	5	120C
SMBJP6KE130CA	111.00	124.00	137.00	1	179.0	3.4	5	130C
SMBJP6KE150CA	128.00	143.00	158.00	1	207.0	2.9	5	150C
SMBJP6KE160CA	136.00	152.00	168.00	1	219.0	2.8	5	160C
SMBJP6KE170CA	145.00	162.00	179.00	1	234.0	2.6	5	170C
SMBJP6KE180CA	154.00	171.00	189.00	1	246.0	2.5	5	180C
SMBJP6KE200CA	171.00	190.00	210.00	1	274.0	2.2	5	200C
SMBJP6KE220CA	185.00	209.00	231.00	1	328.0	1.9	5	220C
SMBJP6KE250CA	214.00	237.00	263.00	1	344.0	1.9	5	250C
SMBJP6KE300CA	256.00	285.00	315.00	1	414.0	1.5	5	300C
SMBJP6KE350CA	300.00	332.00	368.00	1	482.0	1.3	5	350C
SMBJP6KE400CA	342.00	380.00	420.00	1	548.0	1.1	5	400C
SMBJP6KE440CA	376.00	418.00	462.00	1	602.0	1.0	5	440C
SMBJP6KE480CA	408.00	456.00	504.00	1	658.0	0.9	5	480C
SMBJP6KE510CA	434.00	485.00	535.00	1	698.0	0.9	5	510C
SMBJP6KE530CA	477.00	503.50	556.50	1	725.0	0.8	5	530C
SMBJP6KE540CA	459.00	513.00	567.00	1	740.0	0.8	5	540C
SMBJP6KE550CA	495.00	522.50	577.50	1	760.0	0.8	5	550C



1500W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE	
		MIN	MAX	I_T (mA)				1	2
SMCJ5.0	5.0	6.40	7.30	10	9.6	156.2	800	GDD	BDD
SMCJ5.0A	5.0	6.40	7.00	10	9.2	163.0	800	GDE	BDE
SMCJ6.0	6.0	6.67	8.15	10	11.4	131.6	800	GDF	BDF
SMCJ6.0A	6.0	6.67	7.37	10	10.3	145.6	800	GDG	BDG
SMCJ6.5	6.5	7.22	8.82	10	12.3	122.0	500	GDH	BDH
SMCJ6.5A	6.5	7.22	7.98	10	11.2	133.9	500	GDK	BDK
SMCJ7.0	7.0	7.78	9.51	10	13.3	112.8	200	GDL	BDL
SMCJ7.0A	7.0	7.78	8.60	10	12.0	125.0	200	GDM	BDM
SMCJ7.5	7.5	8.33	10.2	1.0	14.3	104.9	100	GDN	BDN
SMCJ7.5A	7.5	8.33	9.21	1.0	12.9	116.3	100	GDP	BDP
SMCJ8.0	8.0	8.89	10.9	1.0	15.0	100.0	50	GDQ	BDQ
SMCJ8.0A	8.0	8.89	9.83	1.0	13.6	110.3	50	GDR	BDR
SMCJ8.5	8.5	9.44	11.5	1.0	15.9	94.3	20	GDS	BDS
SMCJ8.5A	8.5	9.44	10.4	1.0	14.4	104.2	20	GDT	BDT
SMCJ9.0	9.0	10.0	12.2	1.0	16.9	88.7	10	GDU	BDU
SMCJ9.0A	9.0	10.0	11.1	1.0	15.4	97.4	10	GDV	BDV
SMCJ10	10	11.1	13.6	1.0	18.8	79.8	5.0	GDW	BDW
SMCJ10A	10	11.1	12.3	1.0	17.0	88.2	5.0	GDX	BDX



1500W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM}	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP}	PEAK PULSE CURRENT I_{PP}	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D	MARKING CODE	
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μ A)	1	2
SMCJ11	11	12.2	14.9	1.0	20.1	74.6	5.0	GDY	BDY
SMCJ11A	11	12.2	13.5	1.0	18.2	82.4	5.0	GDZ	BDZ
SMCJ12	12	13.3	16.3	1.0	22.0	68.2	5.0	GED	BED
SMCJ12A	12	13.3	14.7	1.0	19.9	75.3	5.0	GEE	BEE
SMCJ13	13	14.4	17.6	1.0	23.8	63.0	5.0	GEF	BEF
SMCJ13A	13	14.4	15.9	1.0	21.5	69.7	5.0	GEG	BEG
SMCJ14	14	15.6	19.1	1.0	25.8	58.1	5.0	GEH	BEH
SMCJ14A	14	15.6	17.2	1.0	23.2	64.7	5.0	GEK	BEK
SMCJ15	15	16.7	20.4	1.0	26.9	55.8	5.0	GEL	BEL
SMCJ15A	15	16.7	18.5	1.0	24.4	61.5	5.0	GEM	BEM
SMCJ16	16	17.8	21.8	1.0	28.8	52.1	5.0	GEN	BEN
SMCJ16A	16	17.8	19.7	1.0	26.0	57.7	5.0	GEP	BEP
SMCJ17	17	18.9	23.1	1.0	30.5	49.2	5.0	GEQ	BEQ
SMCJ17A	17	18.9	20.9	1.0	27.6	53.3	5.0	GER	BER
SMCJ18	18	20.0	24.4	1.0	32.2	46.6	5.0	GES	BES
SMCJ18A	18	20.0	22.1	1.0	29.2	51.4	5.0	GET	BET
SMCJ20	20	22.2	27.1	1.0	35.8	41.9	5.0	GEU	BEU
SMCJ20A	20	22.2	24.5	1.0	32.4	46.3	5.0	GEV	BEV
SMCJ22	22	24.4	29.8	1.0	39.4	38.1	5.0	GEW	BEW
SMCJ22A	22	24.4	26.9	1.0	35.5	42.2	5.0	GEX	BEX
SMCJ24	24	26.7	32.6	1.0	43.0	34.9	5.0	GEY	BEY
SMCJ24A	24	26.7	29.5	1.0	38.9	38.6	5.0	GEZ	BEZ
SMCJ26	26	28.9	35.3	1.0	46.6	32.2	5.0	GFD	BFD
SMCJ26A	26	28.9	31.9	1.0	42.1	35.6	5.0	GFE	BFE
SMCJ28	28	31.1	38.0	1.0	50.0	30.0	5.0	GFF	BFF
SMCJ28A	28	31.1	34.4	1.0	45.4	33.0	5.0	GFG	BFG
SMCJ30	30	33.3	40.7	1.0	53.5	28.0	5.0	GFH	BFH
SMCJ30A	30	33.3	36.8	1.0	48.4	31.0	5.0	GFK	BFK
SMCJ33	33	36.7	44.9	1.0	59.0	25.2	5.0	GFL	BFL
SMCJ33A	33	36.7	40.6	1.0	53.3	28.1	5.0	GFM	BFM
SMCJ36	36	40.0	48.9	1.0	64.3	23.3	5.0	GFN	BFN
SMCJ36A	36	40.0	44.2	1.0	58.1	25.8	5.0	GFP	BFP
SMCJ40	40	44.4	54.3	1.0	71.4	21.0	5.0	GFQ	BFQ
SMCJ40A	40	44.4	49.1	1.0	64.5	23.2	5.0	GFR	BFR
SMCJ43	43	47.8	58.4	1.0	76.7	19.6	5.0	GFS	BFS
SMCJ43A	43	47.8	52.8	1.0	69.4	21.6	5.0	GFT	BFT
SMCJ45	45	50.0	61.1	1.0	80.3	18.7	5.0	GFU	BFU
SMCJ45A	45	50.0	55.3	1.0	72.7	20.6	5.0	GFV	BFV
SMCJ48	48	53.3	65.1	1.0	85.5	17.5	5.0	GFW	BFW
SMCJ48A	48	53.3	58.9	1.0	77.4	19.4	5.0	GFX	BFX
SMCJ51	51	56.7	69.3	1.0	91.1	18.5	5.0	GFY	BFY
SMCJ51A	51	56.7	62.7	1.0	82.4	18.2	5.0	GFZ	BFZ
SMCJ54	54	60.0	73.3	1.0	96.3	15.6	5.0	GGD	BGD
SMCJ54A	54	60.0	66.3	1.0	87.1	17.2	5.0	GGE	BGE
SMCJ58	58	64.4	78.7	1.0	103	14.6	5.0	GGF	BGF
SMCJ58A	58	64.4	71.2	1.0	93.6	16.0	5.0	GGG	BGG
SMCJ60	60	66.7	81.5	1.0	107	14.0	5.0	GGH	BGH
SMCJ60A	60	66.7	73.7	1.0	96.8	15.5	5.0	GGK	BGK
SMCJ64	64	71.1	86.9	1.0	114	13.2	5.0	GGL	BGL
SMCJ64A	64	71.1	78.6	1.0	103	14.6	5.0	GGM	BGM
SMCJ70	70	77.8	95.1	1.0	125	12.0	5.0	GGN	BGN
SMCJ70A	70	77.8	86.0	1.0	113	13.3	5.0	GGP	BGP



1500W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE	
		MIN	MAX	I_T (mA)				1	2
SMCJ75	75	83.3	102	1.0	134	11.2	5.0	GGQ	BGQ
SMCJ75A	75	83.3	92.1	1.0	121	12.4	5.0	GGR	BGR
SMCJ78	78	86.7	106	1.0	139	10.8	5.0	GGG	BGS
SMCJ78A	78	86.7	95.8	1.0	126	11.4	5.0	GGT	BGT
SMCJ85	85	94.4	115	1.0	151	9.9	5.0	GGU	BGU
SMCJ85A	85	94.4	104	1.0	137	10.4	5.0	GGV	BGV
SMCJ90	90	100	122	1.0	160	9.4	5.0	GGW	BGW
SMCJ90A	90	100	111	1.0	146	10.3	5.0	GGX	BGX
SMCJ100	100	111	136	1.0	179	8.4	5.0	GGY	BGY
SMCJ100A	100	111	123	1.0	162	9.3	5.0	GGZ	BGZ
SMCJ110	110	122	149	1.0	196	7.7	5.0	GHD	BHD
SMCJ110A	110	122	135	1.0	177	8.4	5.0	GHE	BHE
SMCJ120	120	133	163	1.0	214	7.0	5.0	GHF	BHF
SMCJ120A	120	133	147	1.0	193	7.8	5.0	GHG	BHG
SMCJ130	130	144	176	1.0	231	6.5	5.0	GHH	BHH
SMCJ130A	130	144	159	1.0	209	7.2	5.0	GHK	BHK
SMCJ150	150	167	204	1.0	268	5.6	5.0	GHL	BHL
SMCJ150A	150	167	185	1.0	243	6.2	5.0	GHM	BHM
SMCJ160	160	178	218	1.0	287	5.2	5.0	GHN	BHN
SMCJ160A	160	178	197	1.0	259	5.8	5.0	GHP	BHP
SMCJ170	170	189	231	1.0	304	4.9	5.0	GHQ	BHQ
SMCJ170A	170	189	209	1.0	275	5.5	5.0	GHR	BHR
SMCJ180	180	198	253.9	1.0	322	4.7	5.0	GHS	BHS
SMCJ180A	180	198	230.4	1.0	292	5.1	5.0	GHT	BHT
SMCJ200	200	220	282	1.0	358	4.1	5.0	GHU	BHU
SMCJ200A	200	220	256	1.0	324	4.6	5.0	GHV	BHV
SMCJ220	220	242	310.2	1.0	394	3.8	5.0	GHW	BHW
SMCJ220A	220	240	281.6	1.0	356	4.2	5.0	GHX	BHX
SMCJ250A	250	279	309	1.0	405	3.7	5.0	GHZ	BHZ
SMCJ300A	300	335	371	1.0	486	3.1	5.0	GJE	BJE
SMCJ350A	350	391	432	1.0	567	2.6	5.0	GJG	BJG
SMCJ400A	400	447	494	1.0	648	2.3	5.0	GJK	BJK
SMCJ440A	440	492	543	1.0	713	2.1	5.0	GJM	BJM

Note: For bi-directional type having V_{RWM} of 10 Volts and less, the I_R limit is double.
For parts without A, the V_{BR} is $\pm 10\%$



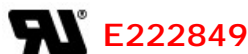
1500W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMCJ1.5KE6.8A	5.80	6.45	7.14	10	10.5	144.8	1000	6V8A
SMCJ1.5KE7.5A	6.40	7.13	7.88	10	11.3	134.5	500	7V5A
SMCJ1.5KE8.2A	7.02	7.79	8.61	10	12.1	125.6	200	8V2A
SMCJ1.5KE9.1A	7.78	8.65	9.55	1	13.4	113.4	50	9V1A
SMCJ1.5KE10A	8.55	9.50	10.55	1	14.5	97.4	10	10A
SMCJ1.5KE11A	9.40	10.50	11.60	1	15.6	91.0	5	11A
SMCJ1.5KE12A	10.20	11.40	12.60	1	16.7	83.5	5	12A
SMCJ1.5KE13A	11.10	12.40	13.70	1	18.2	71.7	5	13A
SMCJ1.5KE15A	12.80	14.30	15.80	1	21.2	67.6	5	15A



1500W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMCJ1.5KE16A	13.60	15.20	16.80	1	22.5	60.3	5	16A
SMCJ1.5KE18A	15.30	17.10	18.90	1	25.5	54.9	5	18A
SMCJ1.5KE20A	17.10	19.00	21.00	1	27.7	49.7	5	20A
SMCJ1.5KE22A	18.80	20.90	23.10	1	30.6	45.8	5	22A
SMCJ1.5KE24A	20.50	22.80	25.20	1	33.2	40.5	5	24A
SMCJ1.5KE27A	23.10	25.70	28.40	1	37.5	36.7	5	27A
SMCJ1.5KE30A	25.60	28.50	31.50	1	41.4	33.3	5	30A
SMCJ1.5KE33A	28.20	31.40	34.70	1	45.7	30.5	5	33A
SMCJ1.5KE36A	30.80	34.20	37.80	1	49.9	28.2	5	36A
SMCJ1.5KE39A	33.30	37.10	41.00	1	53.9	25.6	5	39A
SMCJ1.5KE43A	36.80	40.90	45.20	1	59.3	23.5	5	43A
SMCJ1.5KE47A	40.20	44.70	49.40	1	64.8	21.7	5	47A
SMCJ1.5KE51A	43.60	48.50	53.60	1	70.1	19.7	5	51A
SMCJ1.5KE56A	47.80	53.20	58.80	1	77.0	17.9	5	56A
SMCJ1.5KE62A	53.00	58.90	65.10	1	85.0	16.5	5	62A
SMCJ1.5KE68A	58.10	64.60	71.40	1	92.0	14.8	5	68A
SMCJ1.5KE75A	64.10	71.30	78.80	1	103.0	13.5	5	75A
SMCJ1.5KE82A	70.10	77.90	86.10	1	113.0	12.2	5	82A
SMCJ1.5KE91A	77.80	86.50	95.50	1	125.0	11.1	5	91A
SMCJ1.5KE100A	85.50	95.00	105.00	1	137.0	10.0	5	100A
SMCJ1.5KE110A	94.00	105.00	116.00	1	152.0	9.2	5	110A
SMCJ1.5KE120A	102.00	114.00	126.00	1	165.0	8.5	5	120A
SMCJ1.5KE130A	111.00	124.00	137.00	1	179.0	7.3	5	130A
SMCJ1.5KE150A	128.00	143.00	158.00	1	207.0	6.9	5	150A
SMCJ1.5KE160A	136.00	152.00	168.00	1	219.0	6.5	5	160A
SMCJ1.5KE170A	145.00	162.00	179.00	1	234.0	6.2	5	170A
SMCJ1.5KE180A	154.00	171.00	189.00	1	246.0	5.5	5	180A
SMCJ1.5KE200A	171.00	190.00	210.00	1	274.0	4.6	5	200A
SMCJ1.5KE220A	185.00	209.00	231.00	1	328.0	4.4	5	220A
SMCJ1.5KE250A	214.00	237.00	263.00	1	344.0	3.7	5	250A
SMCJ1.5KE300A	256.00	285.00	315.00	1	414.0	3.2	5	300A
SMCJ1.5KE350A	300.00	332.00	368.00	1	482.0	2.8	5	350A
SMCJ1.5KE400A	342.00	380.00	420.00	1	548.0	2.5	5	400A
SMCJ1.5KE440A	376.00	418.00	462.00	1	602.0	2.3	5	440A
SMCJ1.5KE480A	408.00	456.00	504.00	1	658.0	2.1	5	480A
SMCJ1.5KE510A	434.00	485.00	535.00	1	698.0	2.1	5	510A
SMCJ1.5KE530A	477.00	503.50	556.50	1	725.0	2.0	5	530A
SMCJ1.5KE540A	459.00	513.00	567.00	1	740.0	2.0	5	540A
SMCJ1.5KE550A	495.00	522.50	577.50	1	760.0	2.0	5	550A



1500W TVS / SMC SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMCJ1.5KE6.8CA	5.80	6.45	7.14	10	10.5	144.8	1000	6V8C
SMCJ1.5KE7.5CA	6.40	7.13	7.88	10	11.3	134.5	500	7V5C
SMCJ1.5KE8.2CA	7.02	7.79	8.61	10	12.1	125.6	200	8V2C
SMCJ1.5KE9.1CA	7.78	8.65	9.55	1	13.4	113.4	50	9V1C
SMCJ1.5KE10CA	8.55	9.50	10.55	1	14.5	97.4	10	10C
SMCJ1.5KE11CA	9.40	10.50	11.60	1	15.6	91.0	5	11C



1500W TVS / SMC SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE
		MIN	MAX	I_T (mA)				
SMCJ1.5KE12CA	10.20	11.40	12.60	1	16.7	83.5	5	12C
SMCJ1.5KE13CA	11.10	12.40	13.70	1	18.2	71.7	5	13C
SMCJ1.5KE15CA	12.80	14.30	15.80	1	21.2	67.6	5	15C
SMCJ1.5KE16CA	13.60	15.20	16.80	1	22.5	60.3	5	16C
SMCJ1.5KE18CA	15.30	17.10	18.90	1	25.5	54.9	5	18C
SMCJ1.5KE20CA	17.10	19.00	21.00	1	27.7	49.7	5	20C
SMCJ1.5KE22CA	18.80	20.90	23.10	1	30.6	45.8	5	22C
SMCJ1.5KE24CA	20.50	22.80	25.20	1	33.2	40.5	5	24C
SMCJ1.5KE27CA	23.10	25.70	28.40	1	37.5	36.7	5	27C
SMCJ1.5KE30CA	25.60	28.50	31.50	1	41.4	33.3	5	30C
SMCJ1.5KE33CA	28.20	31.40	34.70	1	45.7	30.5	5	33C
SMCJ1.5KE36CA	30.80	34.20	37.80	1	49.9	28.2	5	36C
SMCJ1.5KE39CA	33.30	37.10	41.00	1	53.9	25.6	5	39C
SMCJ1.5KE43CA	36.80	40.90	45.20	1	59.3	23.5	5	43C
SMCJ1.5KE47CA	40.20	44.70	49.40	1	64.8	21.7	5	47C
SMCJ1.5KE51CA	43.60	48.50	53.60	1	70.1	19.7	5	51C
SMCJ1.5KE56CA	47.80	53.20	58.80	1	77.0	17.9	5	56C
SMCJ1.5KE62CA	53.00	58.90	65.10	1	85.0	16.5	5	62C
SMCJ1.5KE68CA	58.10	64.60	71.40	1	92.0	14.8	5	68C
SMCJ1.5KE75CA	64.10	71.30	78.80	1	103.0	13.5	5	75C
SMCJ1.5KE82CA	70.10	77.90	86.10	1	113.0	12.2	5	82C
SMCJ1.5KE91CA	77.80	86.50	95.50	1	125.0	11.1	5	91C
SMCJ1.5KE100CA	85.50	95.00	105.00	1	137.0	10.0	5	100C
SMCJ1.5KE110CA	94.00	105.00	116.00	1	152.0	9.2	5	110C
SMCJ1.5KE120CA	102.00	114.00	126.00	1	165.0	8.5	5	120C
SMCJ1.5KE130CA	111.00	124.00	137.00	1	179.0	7.3	5	130C
SMCJ1.5KE150CA	128.00	143.00	158.00	1	207.0	6.9	5	150C
SMCJ1.5KE160CA	136.00	152.00	168.00	1	219.0	6.5	5	160C
SMCJ1.5KE170CA	145.00	162.00	179.00	1	234.0	6.2	5	170C
SMCJ1.5KE180CA	154.00	171.00	189.00	1	246.0	5.5	5	180C
SMCJ1.5KE200CA	171.00	190.00	210.00	1	274.0	4.6	5	200C
SMCJ1.5KE220CA	185.00	209.00	231.00	1	328.0	4.4	5	220C
SMCJ1.5KE250CA	214.00	237.00	263.00	1	344.0	3.7	5	250C
SMCJ1.5KE300CA	256.00	285.00	315.00	1	414.0	3.2	5	300C
SMCJ1.5KE350CA	300.00	332.00	368.00	1	482.0	2.8	5	350C
SMCJ1.5KE400CA	342.00	380.00	420.00	1	548.0	2.5	5	400C
SMCJ1.5KE440CA	376.00	418.00	462.00	1	602.0	2.3	5	440C
SMCJ1.5KE480CA	408.00	456.00	504.00	1	658.0	2.1	5	480C
SMCJ1.5KE510CA	434.00	485.00	535.00	1	698.0	2.1	5	510C
SMCJ1.5KE530CA	477.00	503.50	556.50	1	725.0	2.0	5	530C
SMCJ1.5KE540CA	459.00	513.00	567.00	1	740.0	2.0	5	540C
SMCJ1.5KE550CA	495.00	522.50	577.50	1	760.0	2.0	5	550C



3000W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM}	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP}	PEAK PULSE CURRENT I_{PP}	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_R	MARKING CODE	
		(VOLTS)	MIN	MAX				I_T (mA)	(VOLTS)
SMLJ5.0	5.0	6.40	7.30	10	9.6	312.5	1000	RDD	
SMLJ5.0A	5.0	6.40	7.00	10	9.2	326.0	1000	RDE	
SMLJ6.0	6.0	6.67	8.15	10	11.4	263.2	1000	RDF	
SMLJ6.0A	6.0	6.67	7.37	10	10.3	291.3	1000	RDG	
SMLJ6.5	6.5	7.22	8.82	10	12.3	243.9	500	RDH	
SMLJ6.5A	6.5	7.22	7.98	10	11.2	267.9	500	RDK	
SMLJ7.0	7.0	7.78	9.51	10	13.3	225.6	200	PDL	HDL
SMLJ7.0A	7.0	7.78	8.60	10	12.0	250.0	200	PDM	HDM
SMLJ7.5	7.5	8.33	10.2	1.0	14.3	209.8	100	PDN	HDN
SMLJ7.5A	7.5	8.33	9.21	1.0	12.9	232.6	100	PDP	HDP
SMLJ8.0	8.0	8.89	10.9	1.0	15.0	200.0	50	PDQ	HDQ
SMLJ8.0A	8.0	8.89	9.83	1.0	13.6	220.6	50	PDR	HDR
SMLJ8.5	8.5	9.44	11.5	1.0	15.9	188.6	25	PDS	HDS
SMLJ8.5A	8.5	9.44	10.4	1.0	14.4	208.4	25	PDT	HDT
SMLJ9.0	9.0	10.0	12.2	1.0	16.9	177.4	10	PDU	HDU
SMLJ9.0A	9.0	10.0	11.1	1.0	15.4	194.8	10	PDV	HDV
SMLJ10	10	11.1	13.6	1.0	18.8	159.6	5.0	PDW	HDW
SMLJ10A	10	11.1	12.3	1.0	17.0	176.4	5.0	PDX	HDX
SMLJ11	11	12.2	14.9	1.0	20.1	149.2	5.0	PDY	HDY
SMLJ11A	11	12.2	13.5	1.0	18.2	164.8	5.0	PDZ	HDZ
SMLJ12	12	13.3	16.3	1.0	22.0	136.4	5.0	PED	HED
SMLJ12A	12	13.3	14.7	1.0	19.9	150.6	5.0	PEE	HEE
SMLJ13	13	14.4	17.6	1.0	23.8	126.0	5.0	PEF	HEF
SMLJ13A	13	14.4	15.9	1.0	21.5	139.4	5.0	PEG	HEG
SMLJ14	14	15.6	19.1	1.0	25.8	116.2	5.0	PEH	HEH
SMLJ14A	14	15.6	17.2	1.0	23.2	129.4	5.0	PEK	HEK
SMLJ15	15	16.7	20.4	1.0	26.9	111.6	5.0	PEL	HEL
SMLJ15A	15	16.7	18.5	1.0	24.4	123.0	5.0	PEM	HEM
SMLJ16	16	17.8	21.8	1.0	28.8	104.2	5.0	PEN	HEN
SMLJ16A	16	17.8	19.7	1.0	26.0	115.4	5.0	PEP	HEP
SMLJ17	17	18.9	23.1	1.0	30.5	98.4	5.0	PEQ	HEQ
SMLJ17A	17	18.9	20.9	1.0	27.6	106.6	5.0	PER	HER
SMLJ18	18	20.0	24.4	1.0	32.2	93.2	5.0	PES	HES
SMLJ18A	18	20.0	22.1	1.0	29.2	102.8	5.0	PET	HET
SMLJ20	20	22.2	27.1	1.0	35.8	83.8	5.0	PEU	HEU
SMLJ20A	20	22.2	24.5	1.0	32.4	92.6	5.0	PEV	HEV
SMLJ22	22	24.4	29.8	1.0	39.4	76.2	5.0	PEW	HEW
SMLJ22A	22	24.4	26.9	1.0	35.5	84.4	5.0	PEX	HEX
SMLJ24	24	26.7	32.6	1.0	43.0	69.8	5.0	PEY	HEY
SMLJ24A	24	26.7	29.5	1.0	38.9	77.2	5.0	PEZ	HEZ
SMLJ26	26	28.9	35.3	1.0	46.6	64.4	5.0	PFD	HFD
SMLJ26A	26	28.9	31.9	1.0	42.1	71.2	5.0	PFE	HFE
SMLJ28	28	31.1	38.0	1.0	50.0	60.0	5.0	PFF	HFF
SMLJ28A	28	31.1	34.4	1.0	45.4	66.0	5.0	PFG	HFG
SMLJ30	30	33.3	40.7	1.0	53.5	56.0	5.0	PFH	HFH
SMLJ30A	30	33.3	36.8	1.0	48.4	62.0	5.0	PFK	HFK
SMLJ33	33	36.7	44.9	1.0	59.0	50.4	5.0	PFL	HFL
SMLJ33A	33	36.7	40.6	1.0	53.3	56.2	5.0	PFM	HFM
SMLJ36	36	40.0	48.9	1.0	64.3	46.6	5.0	PFN	HFN
SMLJ36A	36	40.0	44.2	1.0	58.1	51.6	5.0	PFQ	HFP
SMLJ40	40	44.4	54.3	1.0	71.4	42.0	5.0	PFQ	HFQ
SMLJ40A	40	44.4	49.1	1.0	64.5	46.4	5.0	PFR	HFR



3000W TVS / SMC / SURFACE MOUNT

MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE V_{WM} (VOLTS)	BREAKDOWN VOLTAGE $V_{(BR)} @ I_T$ (VOLTS)			MAXIMUM CLAMPING VOLTAGE @ I_{PP} (VOLTS)	PEAK PULSE CURRENT I_{PP} (AMPS)	MAXIMUM REVERSE LEAKAGE @ V_{WM} I_D (μ A)	MARKING CODE	
		MIN	MAX	I_T (mA)				1	2
SMLJ43	43	47.8	58.4	1.0	76.7	39.2	5.0	PFS	HFS
SMLJ43A	43	47.8	52.8	1.0	69.4	43.2	5.0	PFT	HFT
SMLJ45	45	50.0	61.1	1.0	80.3	37.4	5.0	PFU	HFU
SMLJ45A	45	50.0	55.3	1.0	72.7	41.2	5.0	PFV	HFV
SMLJ48	48	53.3	65.1	1.0	85.5	35.0	5.0	PFW	HFW
SMLJ48A	48	53.3	58.9	1.0	77.4	38.8	5.0	PFX	HFX
SMLJ51	51	56.7	69.3	1.0	91.1	37.0	5.0	PFY	HFY
SMLJ51A	51	56.7	62.7	1.0	82.4	36.4	5.0	PFZ	HFZ
SMLJ54	54	60.0	73.3	1.0	96.3	31.2	5.0	RGD	HGD
SMLJ54A	54	60.0	66.3	1.0	87.1	34.4	5.0	RGE	HGE
SMLJ58	58	64.4	78.7	1.0	103	39.2	5.0	PGF	HGF
SMLJ58A	58	64.4	71.2	1.0	93.6	32.0	5.0	PGG	HGG
SMLJ60	60	66.7	81.5	1.0	107	28.0	5.0	PGH	HGH
SMLJ60A	60	66.7	73.7	1.0	96.8	31.0	5.0	PGK	HGK
SMLJ64	64	71.1	86.9	1.0	114	26.4	5.0	PGL	HGL
SMLJ64A	64	71.1	78.6	1.0	103	29.2	5.0	PGM	HGM
SMLJ70	70	77.8	95.1	1.0	125	24.0	5.0	PGN	HGN
SMLJ70A	70	77.8	86.0	1.0	113	26.6	5.0	PGP	HGP
SMLJ75	75	83.3	102	1.0	134	22.4	5.0	PGQ	HGQ
SMLJ75A	75	83.3	92.1	1.0	121	24.8	5.0	PGR	HGR
SMLJ78	78	86.7	106	1.0	139	21.6	5.0	PGS	HGS
SMLJ78A	78	86.7	95.8	1.0	126	22.8	5.0	PGT	HGT
SMLJ85	85	94.4	115	1.0	151	19.8	5.0	PGU	HGU
SMLJ85A	85	94.4	104	1.0	137	20.8	5.0	PGV	HGV
SMLJ90	90	100	122	1.0	160	18.8	5.0	PGW	HGW
SMLJ90A	90	100	111	1.0	146	20.6	5.0	PGX	HGX
SMLJ100	100	111	136	1.0	179	16.8	5.0	PGY	HGY
SMLJ100A	100	111	123	1.0	162	18.6	5.0	PGZ	HGZ
SMLJ110	110	122	149	1.0	196	15.4	5.0	PHD	HHD
SMLJ110A	110	122	135	1.0	177	16.8	5.0	PHE	HHE
SMLJ120	120	133	163	1.0	214	14.0	5.0	PHF	HHF
SMLJ120A	120	133	147	1.0	193	15.6	5.0	PHG	HHG
SMLJ130	130	144	176	1.0	231	13.0	5.0	PHH	HHH
SMLJ130A	130	144	159	1.0	209	14.4	5.0	PHK	HHK
SMLJ150	150	167	204	1.0	268	11.2	5.0	PHL	HHL
SMLJ150A	150	167	185	1.0	243	12.4	5.0	PHM	HHM
SMLJ160	160	178	218	1.0	287	10.4	5.0	PHN	HHN
SMLJ160A	160	178	197	1.0	259	11.6	5.0	PHP	HHP
SMLJ170	170	189	231	1.0	304	9.8	5.0	PHQ	HHQ
SMLJ170A	170	189	209	1.0	275	11.0	5.0	PHR	HHR

For bidirectional parts, add suffix 'C', for example, SMLJ5.0CA

5000W TVS / SMC / SURFACE MOUNT



MCC PART NUMBER	REVERSE STAND-OFF VOLTAGE $V_{RWM}(V)$	BREAKDOWN VOLTAGE $V_{BR}(V)$ MIN. @ I_T	BREAKDOWN VOLTAGE $V_{BR}(V)$ MAX. @ I_T	TEST CURRENT $I_T(mA)$	MAXIMUM PEAK PULSE CURRENT I_{PP}	MAXIMUM REVERSE LEAKAGE $I_b @ V_{RWM}$	MAXIMUM CLAMPING VOLTAGE $V_C @ I_{PP}$	MARKING CODE	
	V	V	V	mA	A	(μA)	V	Uni	Bi
5.0SMLJ11(C)A	11	12.2	13.5	10	275	800	18.2	5PEN	5BEN
5.0SMLJ12(C)A	12	13.3	14.7	10	252	800	19.9	5PEP	5BEP
5.0SMLJ13(C)A	13	14.4	15.9	10	233	500	21.5	5PEQ	5BEQ
5.0SMLJ14(C)A	14	15.6	17.2	10	216	200	23.2	5PER	5BER
5.0SMLJ15(C)A	15	16.7	18.5	1	205	100	24.4	5PES	5BES
5.0SMLJ16(C)A	16	17.8	19.7	1	193	50	26	5PET	5BET
5.0SMLJ17(C)A	17	18.9	20.9	1	181	20	27.6	5PEU	5BEU
5.0SMLJ18(C)A	18	20	22.1	1	172	10	29.2	5PEV	5BEV
5.0SMLJ20(C)A	20	22.2	24.5	1	155	5	32.4	5PEW	5BEW
5.0SMLJ22(C)A	22	24.4	26.9	1	141	5	35.5	5PEX	5BEX
5.0SMLJ24(C)A	24	26.7	29.5	1	129	5	38.9	5PEZ	5BEZ
5.0SMLJ26(C)A	26	28.9	31.9	1	119	5	42.1	5PFE	5BFE
5.0SMLJ28(C)A	28	31.1	34.4	1	110	5	45.4	5PFG	5BFG
5.0SMLJ30(C)A	30	33.3	36.8	1	103	5	48.4	5PFK	5BFK
5.0SMLJ33(C)A	33	36.7	40.6	1	93.9	5	53.3	5PFM	5BFM
5.0SMLJ36(C)A	36	40	44.2	1	86.1	5	58.1	5PFP	5BFP
5.0SMLJ40(C)A	40	44.4	49.1	1	77.6	5	64.5	5PFR	5BFR
5.0SMLJ43(C)A	43	47.8	52.8	1	72.1	5	69.4	5PFT	5BFT
5.0SMLJ45(C)A	45	50	55.3	1	68.8	5	72.7	5PFV	5BFV
5.0SMLJ48A	48	53.3	58.9	1	64.7	5	77.4	5PFX	---
5.0SMLJ51A	51	56.7	62.7	1	60.7	5	82.4	5PFZ	---
5.0SMLJ54A	54	60	66.3	1	57.5	5	87.1	5RGE	---
5.0SMLJ58A	58	64.4	71.2	1	53.5	5	93.6	5PGG	---
5.0SMLJ60A	60	66.7	73.7	1	51.7	5	96.8	5PGK	---
5.0SMLJ64A	64	71.1	78.6	1	48.6	5	103	5PGM	---
5.0SMLJ70A	70	77.8	86	1	44.3	5	113	5PGP	---
5.0SMLJ75A	75	83.3	92.1	1	41.4	5	121	5PGR	---
5.0SMLJ78A	78	86.7	95.8	1	39.7	5	126	5PGT	---
5.0SMLJ85A	85	94.4	104	1	36.5	5	137	5PGV	---
5.0SMLJ90A	90	100	111	1	34.3	5	146	5PGX	---
5.0SMLJ100A	100	111	123	1	30.9	5	162	5PGZ	---
5.0SMLJ110A	110	122	135	1	28.3	5	177	5PHE	---
5.0SMLJ120A	120	133	147	1	26	5	193	5PHG	---
5.0SMLJ130A	130	144	159	1	24	5	209	5PHK	---
5.0SMLJ150A	150	167	185	1	20.6	5	243	5PHM	---
5.0SMLJ160A	160	178	197	1	19.3	5	259	5PHP	---
5.0SMLJ170A	170	189	209	1	18.2	5	275	5PHR	---