TRANSIENT VOLTAGE SUPPRESSORS

400W TVS / DO-41

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	(µA)	V	A	% / °C
P4KE6.8	6.12	7.48	10	5.50	500	10.8	37	.057
P4KE6.8A	6.45	7.14	10	5.80	500	10.5	38	.057
P4KE7.5	6.75	8.25	10	6.05	200	11.7	34	.061
P4KE7.5A	7.13	7.88	10	6.40	200	11.3	35	.061
P4KE8.2	7.38	9.02	10	6.63	100	12.5	32	.065
P4KE8.2A	7.79	8.61	10	7.02	100	12.1	33	.065
P4KE9.1	8.19	10.0	1.0	7.37	20	13.8	29	.068
P4KE9.1A	8.65	9.55	1.0	7.78	20	13.4	30	.068
P4KE10	9.00	11.0	1.0	8.10	20	15.0	27	.073
P4KE10A	9.50	10.5	1.0	8.55	5.0	14.5	28	.073
P4KE11	9.90	12.1	1.0	8.92	2.0	16.2	25	.075
P4KE11A	10.5	11.6	1.0	9.40	2.0	15.6	26	.075
P4KE12	10.8	13.2	1.0	9.72	2.0	17.3	23	.078
P4KE12A	11.4	12.6	1.0	10.2	2.0	16.7	24	.078
P4KE13	11.7	14.3	1.0	10.5	2.0	19.0	21	.081
P4KE13A	12.4	13.7	1.0	11.1	2.0	18.2	22	.081
P4KE15	13.5	16.5	1.0	12.1	2.0	22.0	18	.084
P4KE15A	14.3	15.8	1.0	12.8	2.0	21.2	19	.084
P4KE16	14.4	17.6	1.0	12.9	2.0	23.5	17	.086
P4KE16A	15.2	16.8	1.0	13.6	2.0	22.5	18	.086
P4KE18	16.2	19.8	1.0	14.5	2.0	26.5	15	.088
P4KE18A	17.1	18.0	1.0	15.3	2.0	25.2	16	.088
P4KE20	18.0	22.0	1.0	16.2	2.0	29.1	14	.090
P4KE20A	19.0	21.0	1.0	17.1	2.0	27.7	14.5	.090
P4KE22	19.8	24.2	1.0	17.8	2.0	31.9	12.5	.092
P4KE22A	20.9	23.1	1.0	18.8	2.0	30.6	13	.092
P4KE24	21.6	26.4	1.0	19.4	2.0	34.7	11.5	.094
P4KE24A	22.8	25.2	1.0	20.5	2.0	33.2	12	.094
P4KE27	24.3	29.7	1.0	21.8	2.0	39.1	10	.096
P4KE27A	25.7	28.4	1.0	23.1	2.0	37.5	11	.096
P4KE30	27.0	33.0	1.0	24.3	2.0	43.5	9.0	.097
P4KE30A	28.5	31.5	1.0	25.6	2.0	41.4	9.5	.097
P4KE33	29.7	36.3	1.0	26.8	2.0	47.7	8.5	.098
P4KE33A	31.4	34.7	1.0	28.2	2.0	45.7	9.0	.098
P4KE36	32.4	39.6	1.0	29.1	2.0	52.0	7.5	.099
P4KE36A	34.2	37.8	1.0	30.8	2.0	49.9	8.0	.099
P4KE39	35.1	42.9	1.0	31.6	2.0	56.4	7.0	.100
P4KE39A	37.1	41.0	1.0	33.3	2.0	53.9	7.5	.100
P4KE43	38.7	47.3	1.0	34.8	2.0	61.9	6.5	.101
P4KE43A	40.9	45.2	1.0	36.8	2.0	59.3	7.0	.101
P4KE47	42.3	51.7	1.0	38.1	2.0	67.8	5.9	.101
P4KE47A	44.7	49.4	1.0	40.2	2.0	64.8	6.2	.101
P4KE51	45.9	56.1	1.0	41.3	2.0	73.5	5.4	.102
P4KE51A	48.5	53.6	1.0	43.6	2.0	70.1	5.7	.102
P4KE56	50.4	61.6	1.0	45.4	2.0	80.5	5.0	.103
P4KE56A	53.2	58.8	1.0	47.8	2.0	77.0	5.2	.103
P4KE62	55.8	68.2	1.0	50.2	2.0	89.0	4.5	.104
P4KE62A	58.9	65.1	1.0	53.0	2.0	85.0	4.7	.104
P4KE68	61.2	74.8	1.0	55.1	2.0	98.0	4.1	.104
P4KE68A	64.6	71.4	1.0	58.1	2.0	92.0	4.4	.104
P4KE75	67.5	82.5	1.0	60.7	2.0	108	3.7	.105
P4KE75A	71.3	78.8	1.0	64.1	2.0	103	3.9	.105
P4KE82	73.8	90.2	1.0	66.4	2.0	118	3.4	.105

400W TVS / DO-41

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	(µA)	V	A	% / °C
P4KE82A	77.9	86.1	1.0	70.1	2.0	113	3.5	.105
P4KE91	81.9	100	1.0	73.7	2.0	131	3.1	.106
P4KE91A	86.5	95.5	1.0	77.8	2.0	125	3.2	.106
P4KE100	90.0	110	1.0	81.0	2.0	144	2.8	.106
P4KE100A	95.0	105	1.0	85.5	2.0	137	2.9	.106
P4KE110	99.0	121	1.0	89.2	2.0	158	2.5	.107
P4KE110A	105	116	1.0	94.0	2.0	152	2.6	.107
P4KE120	108	132	1.0	97.2	2.0	173	2.3	.107
P4KE120A	114	126	1.0	102	2.0	165	2.4	.107
P4KE130	117	143	1.0	105	2.0	187	2.1	.107
P4KE130A	124	137	1.0	111	2.0	179	2.2	.107
P4KE150	135	165	1.0	121	2.0	215	1.9	.108
P4KE150A	143	158	1.0	128	2.0	207	1.95	.108
P4KE160	144	176	1.0	130	2.0	230	1.7	.108
P4KE160A	152	168	1.0	136	2.0	219	1.8	.108
P4KE170	153	187	1.0	138	2.0	244	1.6	.108
P4KE170A	162	179	1.0	145	2.0	234	1.7	.108
P4KE180	162	198	1.0	146	2.0	258	1.5	.108
P4KE180A	171	189	1.0	154	2.0	246	1.6	.108
P4KE200	180	220	1.0	162	2.0	287	1.4	.108
P4KE200A	190	210	1.0	171	2.0	274	1.5	.108
P4KE220	198	242	1.0	175	2.0	344	1.0	.110
P4KE220A	209	231	1.0	185	2.0	328	1.0	.110
P4KE250	225	275	1.0	202	2.0	360	1.0	.110
P4KE250A	237	263	1.0	214	2.0	344	1.0	.110
P4KE300	270	330	1.0	243	2.0	430	1.0	.110
P4KE300A	285	315	1.0	256	2.0	414	1.0	.110
P4KE350	315	385	1.0	284	2.0	504	1.0	.110
P4KE350A	333	368	1.0	300	2.0	482	1.0	.110
P4KE400	360	440	1.0	324	2.0	574	1.0	.110
P4KE400A	380	420	1.0	342	2.0	548	1.0	.110

400W TVS / SMA / 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)	(µA)	
P4SMAJ5.0	5.0	6.40	7.30	10	9.6	41.6	800	5.0
P4SMAJ5.0A	5.0	6.40	7.00	10	9.2	43.5	800	5.0A
P4SMAJ6.0	6.0	6.67	8.15	10	11.4	35.1	800	6.0
P4SMAJ6.0A	6.0	6.67	7.37	10	10.3	38.8	800	6.0A
P4SMAJ6.5	6.5	7.22	8.82	10	12.3	32.5	500	6.5
P4SMAJ6.5A	6.5	7.22	7.98	10	11.2	35.7	500	6.5A
P4SMAJ7.0	7.0	7.78	9.51	10	13.3	30.1	200	7.0
P4SMAJ7.0A	7.0	7.78	8.60	10	12.0	33.3	200	7.0A
P4SMAJ7.5	7.5	8.33	10.2	1.0	14.3	28.0	100	7.5
P4SMAJ7.5A	7.5	8.33	9.21	1.0	12.9	31.0	100	7.5A
P4SMAJ8.0	8.0	8.89	10.9	1.0	15.0	26.5	50	8.0
P4SMAJ8.0A	8.0	8.89	9.83	1.0	13.6	29.4	50	8.0A
P4SMAJ8.5	8.5	9.44	11.5	1.0	15.9	25.1	10	8.5
P4SMAJ8.5A	8.5	9.44	10.4	1.0	14.4	27.7	10	8.5A
P4SMAJ9.0	9.0	10.0	12.2	1.0	16.9	23.6	5.0	9.0
P4SMAJ9.0A	9.0	10.0	11.1	1.0	15.4	26.0	5.0	9.0A
P4SMAJ10	10	11.1	13.6	1.0	18.8	21.2	5.0	10
P4SMAJ10A	10	11.1	12.3	1.0	17.0	23.5	5.0	10A

400W TVS / SMA / 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)	(µA)	
P4SMAJ11	11	12.2	14.9	1.0	20.1	20.0	5.0	11
P4SMAJ11A	11	12.2	13.5	1.0	18.2	22.0	5.0	11A
P4SMAJ12	12	13.3	16.3	1.0	22.0	18.1	5.0	12
P4SMAJ12A	12	13.3	14.7	1.0	19.9	20.1	5.0	12A
P4SMAJ13	13	14.4	17.6	1.0	23.8	16.8	5.0	13
P4SMAJ13A	13	14.4	15.9	1.0	21.5	18.6	5.0	13A
P4SMAJ14	14	15.6	19.1	1.0	25.8	15.5	5.0	14
P4SMAJ14A	14	15.6	17.2	1.0	23.2	17.2	5.0	14A
P4SMAJ15	15	16.7	20.4	1.0	26.9	14.8	5.0	15
P4SMAJ15A	15	16.7	18.5	1.0	24.4	16.4	5.0	15A
P4SMAJ16	16	17.8	21.8	1.0	28.8	13.8	5.0	16
P4SMAJ16A	16	17.8	19.7	1.0	26.0	15.3	5.0	16A
P4SMAJ17	17	18.9	23.1	1.0	30.5	13.1	5.0	17
P4SMAJ17A	17	18.9	20.9	1.0	27.6	14.5	5.0	17A
P4SMAJ18	18	20.0	24.4	1.0	32.2	12.4	5.0	18
P4SMAJ18A	18	20.0	22.1	1.0	29.2	13.7	5.0	18A
P4SMAJ20	20	22.2	27.1	1.0	35.8	11.1	5.0	20
P4SMAJ20A	20	22.2	24.5	1.0	32.4	12.3	5.0	20A
P4SMAJ22	22	24.4	29.8	1.0	39.4	16.1	5.0	22
P4SMAJ22A	22	24.4	26.9	1.0	35.5	11.2	5.0	22A
P4SMAJ24	24	26.7	32.6	1.0	43.0	9.3	5.0	24
P4SMAJ24A	24	26.7	29.5	1.0	38.9	10.3	5.0	24A
P4SMAJ26	26	28.9	35.3	1.0	46.6	8.5	5.0	26
P4SMAJ26A	26	28.9	31.9	1.0	42.1	9.6	5.0	26A
P4SMAJ28	28	31.1	38.0	1.0	50.0	8.0	5.0	28
P4SMAJ28A	28	31.1	34.4	1.0	45.4	8.8	5.0	28A
P4SMAJ30	30	33.3	40.7	1.0	53.5	7.5	5.0	30
P4SMAJ30A	30	33.3	36.8	1.0	48.4	8.3	5.0	30A
P4SMAJ33	33	36.7	44.9	1.0	59.0	6.8	5.0	33
P4SMAJ33A	33	36.7	40.6	1.0	53.3	7.5	5.0	33A
P4SMAJ36	36	40.0	48.9	1.0	64.3	6.2	5.0	36
P4SMAJ36A	36	40.0	44.2	1.0	58.1	6.9	5.0	36A
P4SMAJ40	40	44.4	54.3	1.0	71.4	5.6	5.0	40
P4SMAJ40A	40	44.4	49.1	1.0	64.5	6.2	5.0	40A
P4SMAJ43	43	47.8	58.4	1.0	76.7	5.2	5.0	43
P4SMAJ43A	43	47.8	52.8	1.0	69.4	5.7	5.0	43A
P4SMAJ45	45	50.0	61.1	1.0	80.3	5.0	5.0	45
P4SMAJ45A	45	50.0	55.3	1.0	72.7	5.5	5.0	45A
P4SMAJ48	48	53.3	65.1	1.0	85.5	4.7	5.0	48
P4SMAJ48A	48	53.3	58.9	1.0	77.4	5.2	5.0	48A
P4SMAJ51	51	56.7	69.3	1.0	91.1	4.4	5.0	51
P4SMAJ51A	51	56.7	62.7	1.0	82.4	4.9	5.0	51A
P4SMAJ54	54	60.0	73.3	1.0	96.3	4.2	5.0	54
P4SMAJ54A	54	60.0	66.3	1.0	87.1	4.6	5.0	54A
P4SMAJ58	58	64.4	78.7	1.0	103	3.9	5.0	58
P4SMAJ58A	58	64.4	71.2	1.0	93.6	4.3	5.0	58A
P4SMAJ60	60	66.7	81.5	1.0	107	3.7	5.0	60
P4SMAJ60A	60	66.7	73.7	1.0	96.8	4.1	5.0	60A
P4SMAJ64	64	71.1	86.9	1.0	114	3.5	5.0	64
P4SMAJ64A	64	71.1	78.6	1.0	103	3.9	5.0	64A
P4SMAJ70	70	77.8	95.1	1.0	125	3.2	5.0	70
P4SMAJ70A	70	77.8	86.0	1.0	113	3.5	5.0	70A
P4SMAJ75	75	83.3	102	1.0	134	3.0	5.0	75
P4SMAJ75A	75	83.3	92.1	1.0	121	3.3	5.0	75A
P4SMAJ78	78	86.7	106	1.0	139	2.9	5.0	78
P4SMAJ78A	78	86.7	95.8	1.0	126	2.2	5.0	78A
P4SMAJ85	85	94.4	115	1.0	151	2.6	5.0	85
P4SMAJ85A	85	94.4	104	1.0	137	2.9	5.0	85A
P4SMAJ90	90	100	122	1.0	160	2.5	5.0	90
P4SMAJ90A	90	100	111	1.0	146	2.7	5.0	90A

400W TVS / SMA / 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)	(µA)	
P4SMAJ100	100	111	136	1.0	179	2.2	5.0	100
P4SMAJ100A	100	111	123	1.0	162	2.5	5.0	100A
P4SMAJ110	110	122	149	1.0	196	2.0	5.0	110
P4SMAJ110A	110	122	135	1.0	177	2.3	5.0	110A
P4SMAJ120	120	133	163	1.0	214	1.9	5.0	120
P4SMAJ120A	120	133	147	1.0	193	2.0	5.0	120A
P4SMAJ130	130	144	176	1.0	231	1.7	5.0	130
P4SMAJ130A	130	144	159	1.0	209	1.9	5.0	130A
P4SMAJ150	150	167	204	1.0	268	1.5	5.0	150
P4SMAJ150A	150	167	185	1.0	243	1.6	5.0	150A
P4SMAJ160	160	178	218	1.0	287	1.4	5.0	160
P4SMAJ160A	160	178	197	1.0	259	1.5	5.0	160A
P4SMAJ170	170	189	231	1.0	304	1.3	5.0	170
P4SMAJ170A	170	189	209	1.0	275	1.4	5.0	170A

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_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	(µA)	V	A	% / °C
P5KE5.0	6.4	7.3	10	5.0	600	9.6	52	.057
P5KE5.0A	6.4	7.0	10	5.0	600	9.2	54.3	.057
P5KE6.0	6.67	8.15	10	6.0	600	11.4	43.9	.059
P5KE6.0A	6.67	7.37	10	6.0	600	10.3	48.5	.059
P5KE6.5	7.22	8.82	10	6.5	400	12.3	40.7	.061
P5KE6.5A	7.22	7.98	10	6.5	400	11.2	44.7	.061
P5KE7.0	7.78	9.51	10	7.0	150	13.3	37.8	.065
P5KE7.0A	7.78	8.6	10	7.0	150	12.0	41.7	.065
P5KE7.5	8.33	10.2	1.0	7.5	50	14.3	35.0	.067
P5KE7.5A	8.33	9.21	1.0	7.5	50	12.9	38.8	.067
P5KE8.0	8.89	10.9	1.0	8.0	25	15.0	33.3	.070
P5KE8.0A	8.89	9.8	1.0	8.0	25	13.6	36.7	.070
P5KE8.5	9.44	11.5	1.0	8.5	5.0	15.9	31.4	.073
P5KE8.5A	9.44	10.4	1.0	8.5	5.0	14.4	34.7	.073
P5KE9.0	10.0	12.2	1.0	9.0	1.0	16.9	29.5	.076
P5KE9.0A	10.0	11.1	1.0	9.0	1.0	15.4	32.5	.076
P5KE10	11.1	13.6	1.0	10	1.0	18.8	26.6	.078
P5KE10A	11.1	12.3	1.0	10	1.0	17.0	29.4	.078
P5KE11	12.2	14.9	1.0	11	1.0	20.1	24.9	.081
P5KE11A	12.2	13.5	1.0	11	1.0	18.2	27.4	.081
P5KE12	13.3	16.3	1.0	12	1.0	22.0	22.7	.082
P5KE12A	13.3	14.7	1.0	12	1.0	19.9	25.1	.082
P5KE13	14.4	17.6	1.0	13	1.0	23.8	21.0	.084
P5KE13A	14.4	15.9	1.0	13	1.0	21.5	23.2	.084
P5KE14	15.6	19.1	1.0	14	1.0	25.8	19.4	.086
P5KE14A	15.6	17.2	1.0	14	1.0	23.2	21.5	.086
P5KE15	16.7	20.4	1.0	15	1.0	26.9	18.8	.087
P5KE15A	16.7	18.5	1.0	15	1.0	24.4	20.6	.087
P5KE16	17.8	21.8	1.0	16	1.0	28.8	17.6	.088
P5KE16A	17.8	19.7	1.0	16	1.0	26.0	19.2	.088
P5KE17	18.9	23.1	1.0	17	1.0	30.5	16.4	.090
P5KE17A	18.9	20.9	1.0	17	1.0	27.6	18.1	.090
P5KE18	20.0	24.4	1.0	18	1.0	32.2	15.5	.092
P5KE18A	20.0	22.1	1.0	18	1.0	29.2	17.2	.092
P5KE20	22.2	27.1	1.0	20	1.0	35.8	13.9	.093
P5KE20A	22.2	24.5	1.0	20	1.0	32.4	15.4	.093

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_D @V_{WM}	MAXIMUM CLAMPING VOLTAGE V_C @ I_{PP}	MAXIMUM PEAK PULSE CURRENT I_{PP}	MAX. TEMP COEFFICIENT OF $V_{(BR)}$ (TA) –55°C TO 100°C
	MIN	MAX	mADC	V	(μA)	V	A	% / °C
P5KE22	24.4	29.8	1.0	22	1.0	39.4	12.7	.094
P5KE22A	24.4	26.9	1.0	22	1.0	35.5	14.1	.094
P5KE24	26.7	32.6	1.0	24	1.0	43.0	11.6	.096
P5KE24A	26.7	29.5	1.0	24	1.0	38.9	12.8	.096
P5KE26	28.9	35.3	1.0	26	1.0	46.6	10.7	.097
P5KE26A	28.9	31.9	1.0	26	1.0	42.1	11.9	.097
P5KE28	31.1	38.0	1.0	28	1.0	50.0	9.9	.098
P5KE28A	31.1	84.4	1.0	28	1.0	45.4	11.0	.098
P5KE30	33.3	40.7	1.0	30	1.0	53.5	9.3	.099
P5KE30A	33.3	36.8	1.0	30	1.0	48.4	10.3	.099
P5KE33	36.7	44.9	1.0	33	1.0	59.0	8.5	.100
P5KE33A	36.7	40.6	1.0	33	1.0	53.3	9.4	.100
P5KE36	40.0	48.9	1.0	36	1.0	64.3	7.8	.101
P5KE36A	40.0	44.2	1.0	36	1.0	58.1	8.6	.101
P5KE40	44.4	54.3	1.0	40	1.0	71.4	7.0	.101
P5KE40A	44.4	49.1	1.0	40	1.0	64.5	7.8	.101
P5KE43	47.8	58.4	1.0	43	1.0	76.7	6.5	.102
P5KE43A	47.8	52.8	1.0	43	1.0	69.4	7.2	.102
P5KE45	50.0	61.1	1.0	45	1.0	80.3	6.2	.102
P5KE45A	50.0	55.3	1.0	45	1.0	72.7	6.9	.102
P5KE48	53.3	65.1	1.0	48	1.0	85.5	5.8	.103
P5KE48A	53.3	58.9	1.0	48	1.0	77.4	6.5	.103
P5KE51	56.7	69.3	1.0	51	1.0	91.1	5.5	.103
P5KE51A	56.7	62.7	1.0	51	1.0	82.4	6.1	.103
P5KE54	60.0	73.3	1.0	54	1.0	96.3	5.2	.104
P5KE54A	60.0	66.3	1.0	54	1.0	87.1	5.7	.104
P5KE58	64.4	78.7	1.0	58	1.0	103	4.9	.104
P5KE58A	64.4	71.2	1.0	58	1.0	93.6	5.3	.104
P5KE60	66.7	81.5	1.0	60	1.0	107	4.7	.104
P5KE60A	66.7	73.7	1.0	60	1.0	96.8	5.2	.104
P5KE64	71.1	86.9	1.0	64	1.0	114	4.4	.105
P5KE64A	71.1	78.6	1.0	64	1.0	103	4.9	.105
P5KE70	77.8	95.1	1.0	70	1.0	125	4.0	.105
P5KE70A	77.8	86	1.0	70	1.0	113	4.4	.105
P5KE75	83.3	102	1.0	75	1.0	134	3.7	.105
P5KE75A	83.3	92.1	1.0	75	1.0	121	4.1	.105
P5KE78	86.7	106	1.0	78	1.0	139	3.6	.106
P5KE78A	86.7	95.8	1.0	78	1.0	126	4.0	.106
P5KE85	94.4	115	1.0	85	1.0	151	3.3	.106
P5KE85A	94.4	104	1.0	85	1.0	137	3.6	.106
P5KE90	100	122	1.0	90	1.0	160	3.1	.107
P5KE90A	100	111	1.0	90	1.0	146	3.4	.107
P5KE100	111	136	1.0	100	1.0	179	2.8	.107
P5KE100A	111	123	1.0	100	1.0	162	3.1	.107
P5KE110	122	149	1.0	110	1.0	196	2.6	.107
P5KE110A	122	135	1.0	110	1.0	177	2.8	.107
P5KE120	133	163	1.0	120	1.0	214	2.3	.107
P5KE120A	133	147	1.0	120	1.0	193	2.0	.107
P5KE130	144	176	1.0	130	1.0	231	2.2	.108
P5KE130A	144	159	1.0	130	1.0	209	2.4	.108
P5KE150	167	204	1.0	150	1.0	268	1.9	.108
P5KE150A	167	185	1.0	150	1.0	243	2.1	.108
P5KE160	178	218	1.0	160	1.0	287	1.7	.108
P5KE160A	178	197	1.0	160	1.0	259	1.9	.108
P5KE170	189	231	1.0	170	1.0	304	1.6	.108
P5KE170A	189	209	1.0	170	1.0	275	1.8	.108

500W TVS / DO-15

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	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	5.0	.076
SA10	10	11.1	13.6	1.0	18.8	26.6	3.0	.078
SA10A	10	11.1	12.3	1.0	17.0	29.4	3.0	.078
SA11	11	12.2	14.9	1.0	20.1	24.9	3.0	.081
SA11A	11	12.2	13.5	1.0	18.2	27.4	3.0	.081
SA12	12	13.3	16.3	1.0	22.0	22.7	3.0	.082
SA12A	12	13.3	14.7	1.0	19.9	25.1	3.0	.082
SA13	13	14.4	17.6	1.0	23.8	21.0	3.0	.084
SA13A	13	14.4	15.9	1.0	21.5	23.2	3.0	.084
SA14	14	15.6	19.1	1.0	25.8	19.4	3.0	.086
SA14A	14	15.6	17.2	1.0	23.2	21.5	3.0	.086
SA15	15	16.7	20.4	1.0	26.9	18.8	3.0	.087
SA15A	15	16.7	18.5	1.0	24.4	20.6	3.0	.087
SA16	16	17.8	21.8	1.0	28.8	17.6	3.0	.088
SA16A	16	17.8	19.7	1.0	26.0	19.2	3.0	.088
SA17	17	18.9	23.1	1.0	30.5	16.4	3.0	.090
SA17A	17	18.9	20.9	1.0	27.6	18.1	3.0	.090
SA18	18	20.0	24.4	1.0	32.2	15.5	3.0	.092
SA18A	18	20.0	22.1	1.0	29.2	17.2	3.0	.092
SA20	20	22.2	27.1	1.0	35.8	13.9	3.0	.093
SA20A	20	22.2	24.5	1.0	32.4	15.4	3.0	.093
SA22	22	24.4	29.8	1.0	39.4	12.7	3.0	.094
SA22A	22	24.4	26.9	1.0	35.5	14.1	3.0	.094
SA24	24	26.7	32.6	1.0	43.0	11.6	3.0	.096
SA24A	24	26.7	29.5	1.0	38.9	12.8	3.0	.096
SA26	26	28.9	35.3	1.0	46.6	10.7	3.0	.097
SA26A	26	28.9	31.9	1.0	42.1	11.9	3.0	.097
SA28	28	31.1	38.0	1.0	50.0	9.9	3.0	.098
SA28A	28	31.1	34.4	1.0	45.4	11.0	3.0	.098
SA30	30	33.3	40.7	1.0	53.5	9.3	3.0	.099
SA30A	30	33.3	36.8	1.0	48.4	10.3	3.0	.099
SA33	33	36.7	44.9	1.0	59.0	8.5	3.0	.100
SA33A	33	36.7	40.6	1.0	53.3	9.4	3.0	.100
SA36	36	40.0	48.9	1.0	64.3	7.8	3.0	.101
SA36A	36	40.0	44.2	1.0	58.1	8.6	3.0	.101
SA40	40	44.4	54.3	1.0	71.4	7.0	3.0	.101
SA40A	40	44.4	49.1	1.0	64.5	7.8	3.0	.101
SA43	43	47.8	58.4	1.0	76.7	6.5	3.0	.102
SA43A	43	47.8	52.8	1.0	69.4	7.2	3.0	.102
SA45	45	50.0	61.1	1.0	80.3	6.2	3.0	.102
SA45A	45	50.0	55.3	1.0	72.7	6.9	3.0	.102
SA48	48	53.3	65.1	1.0	85.5	5.8	3.0	.103
SA48A	48	53.3	58.9	1.0	77.4	6.5	3.0	.103

500W TVS / DO-15

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	MAXIMUM TEMPERATURE COEFFICIENT OF V_{BR} –55°C TO 150°C
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(µA)	% / °C
SA51	51	56.7	69.3	1.0	91.1	5.5	3.0	.103
SA51A	51	56.7	62.7	1.0	82.4	6.1	3.0	.103
SA54	54	60.0	73.3	1.0	96.3	5.2	3.0	.104
SA54A	54	60.0	66.3	1.0	87.1	5.7	3.0	.104
SA58	58	64.4	78.7	1.0	103	4.9	3.0	.104
SA58A	58	64.4	71.2	1.0	93.6	5.3	3.0	.104
SA60	60	66.7	81.5	1.0	107	4.7	3.0	.104
SA60A	60	66.7	73.7	1.0	96.8	5.2	3.0	.104
SA64	64	71.1	86.9	1.0	114	4.4	3.0	.105
SA64A	64	71.1	78.6	1.0	103	4.9	3.0	.105
SA70	70	77.8	95.1	1.0	125	4.0	3.0	.105
SA70A	70	77.8	86.0	1.0	113	4.4	3.0	.105
SA75	75	83.3	102	1.0	134	3.7	3.0	.105
SA75A	75	83.3	92.1	1.0	121	4.1	3.0	.105
SA78	78	86.7	106	1.0	139	3.6	3.0	.106
SA78A	78	86.7	95.8	1.0	126	4.0	3.0	.106
SA85	85	94.4	115	1.0	151	3.3	3.0	.106
SA85A	85	94.4	104	1.0	137	3.6	3.0	.106
SA90	90	100	122	1.0	160	3.1	3.0	.107
SA90A	90	100	111	1.0	146	3.4	3.0	.107
SA100	100	111	136	1.0	179	2.8	3.0	.107
SA100A	100	111	123	1.0	162	3.1	3.0	.107
SA110	110	122	149	1.0	196	2.6	3.0	.107
SA110A	110	122	135	1.0	177	2.8	3.0	.107
SA120	120	133	163	1.0	214	2.3	3.0	.107
SA120A	120	133	147	1.0	193	2.0	3.0	.107
SA130	130	144	176	1.0	231	2.2	3.0	.108
SA130A	130	144	159	1.0	209	2.4	3.0	.108
SA150	150	167	204	1.0	268	1.9	3.0	.108
SA150A	150	167	185	1.0	243	2.1	3.0	.108
SA160	160	178	218	1.0	287	1.7	3.0	.108
SA160A	160	178	197	1.0	259	1.9	3.0	.108
SA170	170	189	231	1.0	304	1.6	3.0	.108
SA170A	170	189	209	1.0	275	1.8	3.0	.108

600W 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_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	(µA)	V	A	% / °C
P6KE6.8	6.12	7.48	10	5.5	1000	10.8	56	.057
P6KE6.8A	6.45	7.14	10	5.8	1000	10.5	57	.057
P6KE7.5	6.75	8.25	10	6.05	500	11.7	51	.061
P6KE7.5A	7.13	7.88	10	6.4	500	11.3	53	.061
P6KE8.2	7.38	9.02	10	6.63	200	12.5	48	.065
P6KE8.2A	7.79	8.61	10	7.02	200	12.1	50	.065
P6KE9.1	8.19	10	1.0	7.37	50	13.8	44	.068
P6KE9.1A	8.65	9.55	1.0	7.78	50	13.4	45	.068
P6KE10	9.0	11	1.0	8.1	10	15	40	.073
P6KE10A	9.5	10.5	1.0	8.55	10	14.5	41	.073
P6KE11	9.9	12.1	1.0	8.92	5.0	16.2	37	.075
P6KE11A	10.5	11.6	1.0	9.4	5.0	15.6	38	.075
P6KE12	10.8	13.2	1.0	9.72	5.0	17.3	35	.078
P6KE12A	11.4	12.6	1.0	10.2	5.0	16.7	36	.078
P6KE13	11.7	14.3	1.0	10.5	5.0	19	32	.081
P6KE13A	12.4	13.7	1.0	11.1	5.0	18.2	33	.081

600W 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_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	(μA)	V	A	% / °C
P6KE15	13.5	16.5	1.0	12.1	5.0	22	27	.084
P6KE15A	14.3	15.8	1.0	12.8	5.0	21.2	28	.084
P6KE16	14.4	17.6	1.0	12.9	5.0	23.5	26	.086
P6KE16A	15.2	16.8	1.0	13.6	5.0	22.5	27	.086
P6KE18	16.2	19.8	1.0	14.5	5.0	26.5	23	.088
P6KE18A	17.1	18.9	1.0	15.3	5.0	25.2	24	.088
P6KE20	18	22	1.0	16.2	5.0	29.1	21	.090
P6KE20A	19	21	1.0	17.1	5.0	27.7	22	.090
P6KE22	19.8	24.2	1.0	17.8	5.0	31.9	19	.092
P6KE22A	20.9	23.1	1.0	18.8	5.0	30.6	20	.092
P6KE24	21.6	26.4	1.0	19.4	5.0	34.7	17	.094
P6KE24A	22.8	25.2	1.0	20.5	5.0	33.2	18	.094
P6KE27	24.3	29.7	1.0	21.8	5.0	39.1	15	.096
P6KE27A	25.7	28.4	1.0	23.1	5.0	37.5	16	.096
P6KE30	27	33	1.0	24.3	5.0	43.5	14	.097
P6KE30A	28.5	31.5	1.0	25.6	5.0	41.4	14.4	.097
P6KE33	29.7	36.3	1.0	26.8	5.0	47.7	12.6	.098
P6KE33A	31.4	34.7	1.0	28.2	5.0	45.7	13.2	.098
P6KE36	32.4	39.6	1.0	29.1	5.0	52	11.6	.099
P6KE36A	34.2	37.8	1.0	30.8	5.0	49.9	12	.099
P6KE39	35.1	42.9	1.0	31.6	5.0	56.4	10.6	.100
P6KE39A	37.1	41	1.0	33.3	5.0	53.9	11.2	.100
P6KE43	38.7	47.3	1.0	34.8	5.0	61.9	9.6	.101
P6KE43A	40.9	45.2	1.0	36.8	5.0	59.3	10.1	.101
P6KE47	42.3	51.7	1.0	38.1	5.0	67.8	8.8	.101
P6KE47A	44.7	49.4	1.0	40.2	5.0	64.8	9.3	.101
P6KE51	45.9	56.1	1.0	41.3	5.0	73.5	8.2	.102
P6KE51A	48.5	53.6	1.0	43.6	5.0	70.1	8.6	.102
P6KE56	50.4	61.6	1.0	45.4	5.0	80.5	7.4	.103
P6KE56A	53.2	58.8	1.0	47.8	5.0	77	7.8	.103
P6KE62	55.8	68.2	1.0	50.2	5.0	89	6.8	.104
P6KE62A	58.9	65.1	1.0	53	5.0	85	7.1	.104
P6KE68	61.2	74.8	1.0	55.1	5.0	98	6.1	.104
P6KE68A	64.6	71.4	1.0	58.1	5.0	92	6.5	.104
P6KE75	67.5	82.5	1.0	60.7	5.0	108	5.5	.105
P6KE75A	71.3	78.8	1.0	64.1	5.0	103	5.8	.105
P6KE82	73.8	90.2	1.0	66.4	5.0	118	5.1	.105
P6KE82A	77.9	86.1	1.0	70.1	5.0	113	5.3	.105
P6KE91	81.9	100	1.0	73.7	5.0	131	4.5	.106
P6KE91A	86.5	95.5	1.0	77.8	5.0	125	4.8	.106
P6KE100	90	110	1.0	81	5.0	144	4.2	.106
P6KE100A	95	105	1.0	85.5	5.0	137	4.4	.106
P6KE110	99	121	1.0	89.2	5.0	158	3.8	.107
P6KE110A	105	116	1.0	94	5.0	152	3.4	.107
P6KE120	108	132	1.0	97.2	5.0	173	3.5	.107
P6KE120A	114	126	1.0	102	5.0	165	3.6	.107
P6KE130	117	143	1.0	105	5.0	187	3.2	.108
P6KE130A	124	137	1.0	111	5.0	179	3.3	.108
P6KE150	135	165	1.0	121	5.0	215	2.8	.108
P6KE150A	143	158	1.0	128	5.0	207	2.9	.108
P6KE160	144	176	1.0	130	5.0	230	2.6	.108
P6KE160A	152	168	1.0	136	5.0	219	2.7	.108
P6KE170	153	187	1.0	138	5.0	244	2.5	.108
P6KE170A	161	179	1.0	145	5.0	234	2.6	.108
P6KE180	162	198	1.0	146	5.0	258	2.3	.108
P6KE180A	171	189	1.0	154	5.0	246	2.4	.108
P6KE200	180	220	1.0	162	5.0	287	2.1	.108
P6KE200A	190	210	1.0	171	5.0	274	2.2	.108

600W TVS / SMB / 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)	(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
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

600W TVS / SMB / 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)	(µA)	
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
SMBJ170	170	189	231	1.0	304	2.0	5.0	PQ
SMBJ170A	170	189	209	1.0	275	2.2	5.0	PR

1500W TVS / DO-201AE

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	(µA)	V	A	% / °C
1.5KE6.8	6.12	7.48	10	5.50	1000	10.8	139	.057
1.5KE6.8A	6.45	7.14	10	5.80	1000	10.5	143	.057
1.5KE7.5	6.75	8.25	10	6.05	500	11.7	128	.061
1.5KE7.5A	7.13	7.88	10	6.40	500	11.3	132	.061
1.5KE8.2	7.38	9.02	10	6.63	200	12.5	120	.065
1.5KE8.2A	7.79	8.61	10	7.02	200	12.1	124	.065
1.5KE9.1	8.19	10.0	1.0	7.37	50	13.8	109	.068
1.5KE9.1A	8.65	9.55	1.0	7.78	50	13.4	112	.068
1.5KE10	9.00	11.0	1.0	8.10	10	15.0	100	.073
1.5KE10A	9.50	10.5	1.0	8.55	10	14.5	103	.073
1.5KE11	9.90	12.1	1.0	8.92	5.0	16.2	93	.075
1.5KE11A	10.5	11.6	1.0	9.40	5.0	15.6	96	.075
1.5KE12	10.8	13.2	1.0	9.72	5.0	17.3	87	.078
1.5KE12A	11.4	12.6	1.0	10.2	5.0	16.7	90	.078

1500W TVS / DO-201AE

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	(µA)	V	A	% / °C
1.5KE13	11.7	14.3	1.0	10.5	5.0	19.0	79	.081
1.5KE13A	12.4	13.7	1.0	11.1	5.0	18.2	82	.081
1.5KE15	13.5	16.5	1.0	12.1	5.0	22.0	68	.084
1.5KE15A	14.3	15.8	1.0	12.8	5.0	21.2	71	.084
1.5KE16	14.4	17.6	1.0	12.9	5.0	23.5	64	.086
1.5KE16A	15.2	16.8	1.0	13.6	5.0	22.5	67	.086
1.5KE18	16.2	19.8	1.0	14.5	5.0	26.5	56.5	.088
1.5KE18A	17.1	18.0	1.0	15.3	5.0	25.2	59.5	.088
1.5KE20	18.0	22.0	1.0	16.2	5.0	29.1	51.5	.090
1.5KE20A	19.0	21.0	1.0	17.1	5.0	27.7	54.0	.090
1.5KE22	19.8	24.2	1.0	17.8	5.0	31.9	47.0	.092
1.5KE22A	20.9	23.1	1.0	18.8	5.0	30.6	49.0	.092
1.5KE24	21.6	26.4	1.0	19.4	5.0	34.7	43.0	.094
1.5KE24A	22.8	25.2	1.0	20.5	5.0	33.2	45.0	.094
1.5KE27	24.3	29.7	1.0	21.8	5.0	39.1	38.5	.096
1.5KE27A	25.7	28.4	1.0	23.1	5.0	37.5	40.0	.096
1.5KE30	27.0	33.0	1.0	24.3	5.0	43.5	34.5	.097
1.5KE30A	28.5	31.5	1.0	25.6	5.0	41.4	36.0	.097
1.5KE33	29.7	36.3	1.0	26.8	5.0	47.7	31.5	.098
1.5KE33A	31.4	34.7	1.0	28.2	5.0	45.7	33.0	.098
1.5KE36	32.4	39.6	1.0	29.1	5.0	52.0	29.0	.099
1.5KE36A	34.2	37.8	1.0	30.8	5.0	49.9	30.0	.099
1.5KE39	35.1	42.9	1.0	31.6	5.0	56.4	26.5	.100
1.5KE39A	37.1	41.0	1.0	33.3	5.0	53.9	28.0	.100
1.5KE43	38.7	47.3	1.0	34.8	5.0	61.9	24.0	.101
1.5KE43A	40.9	45.2	1.0	36.8	5.0	59.3	25.3	.101
1.5KE47	42.3	51.7	1.0	38.1	5.0	67.8	22.2	.101
1.5KE47A	44.7	49.4	1.0	40.2	5.0	64.8	23.2	.101
1.5KE51	45.9	56.1	1.0	41.3	5.0	73.5	20.4	.102
1.5KE51A	48.5	53.6	1.0	43.6	5.0	70.1	21.4	.102
1.5KE56	50.4	61.6	1.0	45.6	5.0	80.5	18.6	.103
1.5KE56A	53.2	58.8	1.0	47.8	5.0	77.0	19.5	.103
1.5KE62	55.8	68.2	1.0	50.2	5.0	89.0	16.9	.104
1.5KE62A	58.9	65.1	1.0	53.0	5.0	85.0	17.7	.104
1.5KE68	61.2	74.8	1.0	55.1	5.0	98.0	15.3	.104
1.5KE68A	64.6	71.4	1.0	58.1	5.0	92.0	16.3	.104
1.5KE75	67.5	82.5	1.0	60.7	5.0	108	13.9	.105
1.5KE75A	71.3	78.8	1.0	64.1	5.0	103	14.6	.105
1.5KE82	73.8	90.2	1.0	66.4	5.0	118	12.7	.105
1.5KE82A	77.9	86.1	1.0	70.1	5.0	113	13.3	.105
1.5KE91	81.9	100	1.0	73.7	5.0	131	11.4	.106
1.5KE91A	86.5	95.5	1.0	77.8	5.0	125	12.0	.106
1.5KE100	90.0	110	1.0	81.0	5.0	144	10.4	.106
1.5KE100A	95.0	105	1.0	85.5	5.0	137	11.0	.106
1.5KE110	99.0	121	1.0	89.2	5.0	158	9.5	.107
1.5KE110A	105	116	1.0	94.0	5.0	152	9.9	.107
1.5KE120	108	132	1.0	97.2	5.0	173	8.7	.107
1.5KE120A	114	126	1.0	102	5.0	165	9.1	.107
1.5KE130	117	143	1.0	105	5.0	187	8.0	.107
1.5KE130A	124	137	1.0	111	5.0	179	8.4	.107
1.5KE150	135	165	1.0	121	5.0	215	7.0	.108
1.5KE150A	143	158	1.0	128	5.0	207	7.2	.108
1.5KE160	144	176	1.0	130	5.0	230	6.5	.108
1.5KE160A	152	168	1.0	136	5.0	219	6.8	.108
1.5KE170	153	187	1.0	138	5.0	244	6.2	.108
1.5KE170A	162	179	1.0	145	5.0	234	6.4	.108
1.5KE180	162	198	1.0	146	5.0	258	5.8	.108
1.5KE180A	171	189	1.0	154	5.0	246	6.1	.108
1.5KE200	180	220	1.0	162	5.0	287	5.2	.108
1.5KE200A	190	210	1.0	171	5.0	274	5.5	.108

1500W TVS / DO-201AE

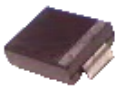
MCC PART NUMBER	BREAKDOWN VOLTAGE $V_{(BR)}$ @ I_T (VOLTS)		TEST CURRENT I_T	RATED STANDOFF VOLTAGE V_{WM}	MAXIMUM REVERSE LEAKAGE I_D @V_{WM}	MAXIMUM CLAMPING VOLTAGE V_C @ I_{PP}	MAXIMUM PEAK PULSE CURRENT I_{PP}	MAX. TEMP COEFFICIENT OF V_{BR} $V_{(BR)}$ (TA) –55°C TO 100°C
	MIN	MAX	mADC	V	(µA)	V	A	% / °C
1.5KE220	198	242	1.0	175	5.0	344	4.3	.110
1.5KE220A	209	231	1.0	185	5.0	328	4.6	.110
1.5KE250	225	275	1.0	202	5.0	360	4.3	.110
1.5KE250A	237	263	1.0	214	5.0	344	4.5	.110
1.5KE300	270	330	1.0	243	5.0	430	3.6	.110
1.5KE300A	285	315	1.0	256	5.0	414	3.8	.110
1.5KE350	315	385	1.0	284	5.0	504	3.1	.110
1.5KE350A	333	368	1.0	300	5.0	482	3.2	.110
1.5KE400	360	440	1.0	324	5.0	574	2.7	.110
1.5KE400A	380	420	1.0	342	5.0	548	2.8	.110
1.5KE440	396	484	1.0	356	5.0	631	2.4	.110
1.5KE440A	418	462	1.0	376	5.0	600	2.6	.110

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)	(µA)	
SMCJ5.0	5.0	6.40	7.30	10	9.6	156.2	1000	GDD
SMCJ5.0A	5.0	6.40	7.00	10	9.2	163.0	1000	GDE
SMCJ6.0	6.0	6.67	8.15	10	11.4	131.6	1000	GDF
SMCJ6.0A	6.0	6.67	7.37	10	10.3	145.6	1000	GDG
SMCJ6.5	6.5	7.22	8.82	10	12.3	122.0	500	GDH
SMCJ6.5A	6.5	7.22	7.98	10	11.2	133.9	500	GDK
SMCJ7.0	7.0	7.78	9.51	10	13.3	112.8	200	GDL
SMCJ7.0A	7.0	7.78	8.60	10	12.0	125.0	200	GDM
SMCJ7.5	7.5	8.33	10.2	1.0	14.3	104.9	100	GDN
SMCJ7.5A	7.5	8.33	9.21	1.0	12.9	116.3	100	GDP
SMCJ8.0	8.0	8.89	10.9	1.0	15.0	100.0	50	GDQ
SMCJ8.0A	8.0	8.89	9.83	1.0	13.6	110.3	50	GDR
SMCJ8.5	8.5	9.44	11.5	1.0	15.9	94.3	10	GDS
SMCJ8.5A	8.5	9.44	10.4	1.0	14.4	104.2	10	GDT
SMCJ9.0	9.0	10.0	12.2	1.0	16.9	88.7	5.0	GDU
SMCJ9.0A	9.0	10.0	11.1	1.0	15.4	97.4	5.0	GDV
SMCJ10	10	11.1	13.6	1.0	18.8	79.8	5.0	GDW
SMCJ10A	10	11.1	12.3	1.0	17.0	88.2	5.0	GDX
SMCJ11	11	12.2	14.9	1.0	20.1	74.6	5.0	GDY
SMCJ11A	11	12.2	13.5	1.0	18.2	82.4	5.0	GDZ
SMCJ12	12	13.3	16.3	1.0	22.0	68.2	5.0	GED
SMCJ12A	12	13.3	14.7	1.0	19.9	75.3	5.0	GEE
SMCJ13	13	14.4	17.6	1.0	23.8	63.0	5.0	GEF
SMCJ13A	13	14.4	15.9	1.0	21.5	69.7	5.0	GEG
SMCJ14	14	15.6	19.1	1.0	25.8	58.1	5.0	GEH
SMCJ14A	14	15.6	17.2	1.0	23.2	64.7	5.0	GEK
SMCJ15	15	16.7	20.4	1.0	26.9	55.8	5.0	GEL
SMCJ15A	15	16.7	18.5	1.0	24.4	61.5	5.0	GEM
SMCJ16	16	17.8	21.8	1.0	28.8	52.1	5.0	GEN
SMCJ16A	16	17.8	19.7	1.0	26.0	57.7	5.0	GEP
SMCJ17	17	18.9	23.1	1.0	30.5	49.2	5.0	GEQ
SMCJ17A	17	18.9	20.9	1.0	27.6	53.3	5.0	GER
SMCJ18	18	20.0	24.4	1.0	32.2	46.6	5.0	GES
SMCJ18A	18	20.0	22.1	1.0	29.2	51.4	5.0	GET
SMCJ20	20	22.2	27.1	1.0	35.8	41.9	5.0	GEU
SMCJ20A	20	22.2	24.5	1.0	32.4	46.3	5.0	GEV

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)	(μA)	
SMCJ22	22	24.4	29.8	1.0	39.4	38.1	5.0	GEW
SMCJ22A	22	24.4	26.9	1.0	35.5	42.2	5.0	GEX
SMCJ24	24	26.7	32.6	1.0	43.0	34.9	5.0	GEY
SMCJ24A	24	26.7	29.5	1.0	38.9	38.6	5.0	GEZ
SMCJ26	26	28.9	35.3	1.0	46.6	32.2	5.0	GFD
SMCJ26A	26	28.9	31.9	1.0	42.1	35.6	5.0	GFE
SMCJ28	28	31.1	38.0	1.0	50.0	30.0	5.0	GFF
SMCJ28A	28	31.1	34.4	1.0	45.4	33.0	5.0	GFG
SMCJ30	30	33.3	40.7	1.0	53.5	28.0	5.0	GFH
SMCJ30A	30	33.3	36.8	1.0	48.4	31.0	5.0	GFK
SMCJ33	33	36.7	44.9	1.0	59.0	25.2	5.0	GFL
SMCJ33A	33	36.7	40.6	1.0	53.3	28.1	5.0	GFM
SMCJ36	36	40.0	48.9	1.0	64.3	23.3	5.0	GFN
SMCJ36A	36	40.0	44.2	1.0	58.1	25.8	5.0	GFP
SMCJ40	40	44.4	54.3	1.0	71.4	21.0	5.0	GFQ
SMCJ40A	40	44.4	49.1	1.0	64.5	23.2	5.0	GFR
SMCJ43	43	47.8	58.4	1.0	76.7	19.6	5.0	GFS
SMCJ43A	43	47.8	52.8	1.0	69.4	21.6	5.0	GFT
SMCJ45	45	50.0	61.1	1.0	80.3	18.7	5.0	GFU
SMCJ45A	45	50.0	55.3	1.0	72.7	20.6	5.0	GFV
SMCJ48	48	53.3	65.1	1.0	85.5	17.5	5.0	GFW
SMCJ48A	48	53.3	58.9	1.0	77.4	19.4	5.0	GFX
SMCJ51	51	56.7	69.3	1.0	91.1	18.5	5.0	GFY
SMCJ51A	51	56.7	62.7	1.0	82.4	18.2	5.0	GFZ
SMCJ54	54	60.0	73.3	1.0	96.3	15.6	5.0	GGD
SMCJ54A	54	60.0	66.3	1.0	87.1	17.2	5.0	GGE
SMCJ58	58	64.4	78.7	1.0	103	14.6	5.0	GGF
SMCJ58A	58	64.4	71.2	1.0	93.6	16.0	5.0	GGG
SMCJ60	60	66.7	81.5	1.0	107	14.0	5.0	GGH
SMCJ60A	60	66.7	73.7	1.0	96.8	15.5	5.0	GGK
SMCJ64	64	71.1	86.9	1.0	114	13.2	5.0	GGL
SMCJ64A	64	71.1	78.6	1.0	103	14.6	5.0	GGM
SMCJ70	70	77.8	95.1	1.0	125	12.0	5.0	GGN
SMCJ70A	70	77.8	86.0	1.0	113	13.3	5.0	GGP
SMCJ75	75	83.3	102	1.0	134	11.2	5.0	GGQ
SMCJ75A	75	83.3	92.1	1.0	121	12.4	5.0	GGR
SMCJ78	78	86.7	106	1.0	139	10.8	5.0	GGS
SMCJ78A	78	86.7	95.8	1.0	126	11.4	5.0	GGT
SMCJ85	85	94.4	115	1.0	151	9.9	5.0	GGU
SMCJ85A	85	94.4	104	1.0	137	10.4	5.0	GGV
SMCJ90	90	100	122	1.0	160	9.4	5.0	GGW
SMCJ90A	90	100	111	1.0	146	10.3	5.0	GGX
SMCJ100	100	111	136	1.0	179	8.4	5.0	GGY
SMCJ100A	100	111	123	1.0	162	9.3	5.0	GGZ
SMCJ110	110	122	149	1.0	196	7.7	5.0	GHD
SMCJ110A	110	122	135	1.0	177	8.4	5.0	GHE
SMCJ120	120	133	163	1.0	214	7.0	5.0	GHF
SMCJ120A	120	133	147	1.0	193	7.8	5.0	GHG
SMCJ130	130	144	176	1.0	231	6.5	5.0	GHH
SMCJ130A	130	144	159	1.0	209	7.2	5.0	GHK
SMCJ150	150	167	204	1.0	268	5.6	5.0	GHL
SMCJ150A	150	167	185	1.0	243	6.2	5.0	GHM
SMCJ160	160	178	218	1.0	287	5.2	5.0	GHN
SMCJ160A	160	178	197	1.0	259	5.8	5.0	GHP
SMCJ170	170	189	231	1.0	304	4.9	5.0	GHQ
SMCJ170A	170	189	209	1.0	275	5.5	5.0	GHR



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_D
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)
SMLJ5.0	5.0	6.40	7.30	10	9.6	312.5	1000
SMLJ5.0A	5.0	6.40	7.00	10	9.2	326.0	1000
SMLJ6.0	6.0	6.67	8.15	10	11.4	263.2	1000
SMLJ6.0A	6.0	6.67	7.37	10	10.3	291.3	1000
SMLJ6.5	6.5	7.22	8.82	10	12.3	243.9	500
SMLJ6.5A	6.5	7.22	7.98	10	11.2	267.9	500
SMLJ7.0	7.0	7.78	9.51	10	13.3	225.6	200
SMLJ7.0A	7.0	7.78	8.60	10	12.0	250.0	200
SMLJ7.5	7.5	8.33	10.2	1.0	14.3	209.8	100
SMLJ7.5A	7.5	8.33	9.21	1.0	12.9	232.6	100
SMLJ8.0	8.0	8.89	10.9	1.0	15.0	200.0	50
SMLJ8.0A	8.0	8.89	9.83	1.0	13.6	220.6	50
SMLJ8.5	8.5	9.44	11.5	1.0	15.9	188.6	25
SMLJ8.5A	8.5	9.44	10.4	1.0	14.4	208.4	25
SMLJ9.0	9.0	10.0	12.2	1.0	16.9	177.4	10
SMLJ9.0A	9.0	10.0	11.1	1.0	15.4	194.8	10
SMLJ10	10	11.1	13.6	1.0	18.8	159.6	5.0
SMLJ10A	10	11.1	12.3	1.0	17.0	176.4	5.0
SMLJ11	11	12.2	14.9	1.0	20.1	149.2	5.0
SMLJ11A	11	12.2	13.5	1.0	18.2	164.8	5.0
SMLJ12	12	13.3	16.3	1.0	22.0	136.4	5.0
SMLJ12A	12	13.3	14.7	1.0	19.9	150.6	5.0
SMLJ13	13	14.4	17.6	1.0	23.8	126.0	5.0
SMLJ13A	13	14.4	15.9	1.0	21.5	139.4	5.0
SMLJ14	14	15.6	19.1	1.0	25.8	116.2	5.0
SMLJ14A	14	15.6	17.2	1.0	23.2	129.4	5.0
SMLJ15	15	16.7	20.4	1.0	26.9	111.6	5.0
SMLJ15A	15	16.7	18.5	1.0	24.4	123.0	5.0
SMLJ16	16	17.8	21.8	1.0	28.8	104.2	5.0
SMLJ16A	16	17.8	19.7	1.0	26.0	115.4	5.0
SMLJ17	17	18.9	23.1	1.0	30.5	98.4	5.0
SMLJ17A	17	18.9	20.9	1.0	27.6	106.6	5.0
SMLJ18	18	20.0	24.4	1.0	32.2	93.2	5.0
SMLJ18A	18	20.0	22.1	1.0	29.2	102.8	5.0
SMLJ20	20	22.2	27.1	1.0	35.8	83.8	5.0
SMLJ20A	20	22.2	24.5	1.0	32.4	92.6	5.0
SMLJ22	22	24.4	29.8	1.0	39.4	76.2	5.0
SMLJ22A	22	24.4	26.9	1.0	35.5	84.4	5.0
SMLJ24	24	26.7	32.6	1.0	43.0	69.8	5.0
SMLJ24A	24	26.7	29.5	1.0	38.9	77.2	5.0
SMLJ26	26	28.9	35.3	1.0	46.6	64.4	5.0
SMLJ26A	26	28.9	31.9	1.0	42.1	71.2	5.0
SMLJ28	28	31.1	38.0	1.0	50.0	60.0	5.0
SMLJ28A	28	31.1	34.4	1.0	45.4	66.0	5.0
SMLJ30	30	33.3	40.7	1.0	53.5	56.0	5.0
SMLJ30A	30	33.3	36.8	1.0	48.4	62.0	5.0
SMLJ33	33	36.7	44.9	1.0	59.0	50.4	5.0
SMLJ33A	33	36.7	40.6	1.0	53.3	56.2	5.0
SMLJ36	36	40.0	48.9	1.0	64.3	46.6	5.0
SMLJ36A	36	40.0	44.2	1.0	58.1	51.6	5.0
SMLJ40	40	44.4	54.3	1.0	71.4	42.0	5.0
SMLJ40A	40	44.4	49.1	1.0	64.5	46.4	5.0
SMLJ43	43	47.8	58.4	1.0	76.7	39.2	5.0
SMLJ43A	43	47.8	52.8	1.0	69.4	43.2	5.0
SMLJ45	45	50.0	61.1	1.0	80.3	37.4	5.0
SMLJ45A	45	50.0	55.3	1.0	72.7	41.2	5.0

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_D
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)
SMLJ48	48	53.3	65.1	1.0	85.5	35.0	5.0
SMLJ48A	48	53.3	58.9	1.0	77.4	38.8	5.0
SMLJ51	51	56.7	69.3	1.0	91.1	37.0	5.0
SMLJ51A	51	56.7	62.7	1.0	82.4	36.4	5.0
SMLJ54	54	60.0	73.3	1.0	96.3	31.2	5.0
SMLJ54A	54	60.0	66.3	1.0	87.1	34.4	5.0
SMLJ58	58	64.4	78.7	1.0	103	39.2	5.0
SMLJ58A	58	64.4	71.2	1.0	93.6	32.0	5.0
SMLJ60	60	66.7	81.5	1.0	107	28.0	5.0
SMLJ60A	60	66.7	73.7	1.0	96.8	31.0	5.0
SMLJ64	64	71.1	86.9	1.0	114	26.4	5.0
SMLJ64A	64	71.1	78.6	1.0	103	29.2	5.0
SMLJ70	70	77.8	95.1	1.0	125	24.0	5.0
SMLJ70A	70	77.8	86.0	1.0	113	26.6	5.0
SMLJ75	75	83.3	102	1.0	134	22.4	5.0
SMLJ75A	75	83.3	92.1	1.0	121	24.8	5.0
SMLJ78	78	86.7	106	1.0	139	21.6	5.0
SMLJ78A	78	86.7	95.8	1.0	126	22.8	5.0
SMLJ85	85	94.4	115	1.0	151	19.8	5.0
SMLJ85A	85	94.4	104	1.0	137	20.8	5.0
SMLJ90	90	100	122	1.0	160	18.8	5.0
SMLJ90A	90	100	111	1.0	146	20.6	5.0
SMLJ100	100	111	136	1.0	179	16.8	5.0
SMLJ100A	100	111	123	1.0	162	18.6	5.0
SMLJ110	110	122	149	1.0	196	15.4	5.0
SMLJ110A	110	122	135	1.0	177	16.8	5.0
SMLJ120	120	133	163	1.0	214	14.0	5.0
SMLJ120A	120	133	147	1.0	193	15.6	5.0
SMLJ130	130	144	176	1.0	231	13.0	5.0
SMLJ130A	130	144	159	1.0	209	14.4	5.0
SMLJ150	150	167	204	1.0	268	11.2	5.0
SMLJ150A	150	167	185	1.0	243	12.4	5.0
SMLJ160	160	178	218	1.0	287	10.4	5.0
SMLJ160A	160	178	197	1.0	259	11.6	5.0
SMLJ170	170	189	231	1.0	304	9.8	5.0
SMLJ170A	170	189	209	1.0	275	11.0	5.0

3000W TVS / R-6

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
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)
3KP5.0	5.0	6.40	7.30	10	9.6	312.5	1000
3KP5.0A	5.0	6.40	7.00	10	9.2	326.0	1000
3KP6.0	6.0	6.67	8.15	10	11.4	263.2	1000
3KP6.0A	6.0	6.67	7.37	10	10.3	291.3	1000
3KP6.5	6.5	7.22	8.82	10	12.3	243.9	500
3KP6.5A	6.5	7.22	7.98	10	11.2	267.9	500
3KP7.0	7.0	7.78	9.51	10	13.3	225.6	200
3KP7.0A	7.0	7.78	8.60	10	12.0	250.0	200
3KP7.5	7.5	8.33	10.2	1.0	14.3	209.8	100
3KP7.5A	7.5	8.33	9.21	1.0	12.9	232.6	100
3KP8.0	8.0	8.89	10.9	1.0	15.0	200.0	50
3KP8.0A	8.0	8.89	9.83	1.0	13.6	220.6	50
3KP8.5	8.5	9.44	11.5	1.0	15.9	188.6	25
3KP8.5A	8.5	9.44	10.4	1.0	14.4	208.4	25

3000W TVS / R-6

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
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(µA)
3KP9.0	9.0	10.0	12.2	1.0	16.9	177.4	10
3KP9.0A	9.0	10.0	11.1	1.0	15.4	194.8	10
3KP10	10	11.1	13.6	1.0	18.8	159.6	5.0
3KP10A	10	11.1	12.3	1.0	17.0	176.4	5.0
3KP11	11	12.2	14.9	1.0	20.1	149.2	5.0
3KP11A	11	12.2	13.5	1.0	18.2	164.8	5.0
3KP12	12	13.3	16.3	1.0	22.0	136.4	5.0
3KP12A	12	13.3	14.7	1.0	19.9	150.6	5.0
3KP13	13	14.4	17.6	1.0	23.8	126.0	5.0
3KP13A	13	14.4	15.9	1.0	21.5	139.4	5.0
3KP14	14	15.6	19.1	1.0	25.8	116.2	5.0
3KP14A	14	15.6	17.2	1.0	23.2	129.4	5.0
3KP15	15	16.7	20.4	1.0	26.9	111.6	5.0
3KP15A	15	16.7	18.5	1.0	24.4	123.0	5.0
3KP16	16	17.8	21.8	1.0	28.8	104.2	5.0
3KP16A	16	17.8	19.7	1.0	26.0	115.4	5.0
3KP17	17	18.9	23.1	1.0	30.5	98.4	5.0
3KP17A	17	18.9	20.9	1.0	27.6	106.6	5.0
3KP18	18	20.0	24.4	1.0	32.2	93.2	5.0
3KP18A	18	20.0	22.1	1.0	29.2	102.8	5.0
3KP20	20	22.2	27.1	1.0	35.8	83.8	5.0
3KP20A	20	22.2	24.5	1.0	32.4	92.6	5.0
3KP22	22	24.4	29.8	1.0	39.4	76.2	5.0
3KP22A	22	24.4	26.9	1.0	35.5	84.4	5.0
3KP24	24	26.7	32.6	1.0	43.0	69.8	5.0
3KP24A	24	26.7	29.5	1.0	38.9	77.2	5.0
3KP26	26	28.9	35.3	1.0	46.6	64.4	5.0
3KP26A	26	28.9	31.9	1.0	42.1	71.2	5.0
3KP28	28	31.1	38.0	1.0	50.0	60.0	5.0
3KP28A	28	31.1	34.4	1.0	45.4	66.0	5.0
3KP30	30	33.3	40.7	1.0	53.5	56.0	5.0
3KP30A	30	33.3	36.8	1.0	48.4	62.0	5.0
3KP33	33	36.7	44.9	1.0	59.0	50.4	5.0
3KP33A	33	36.7	40.6	1.0	53.3	56.2	5.0
3KP36	36	40.0	48.9	1.0	64.3	46.6	5.0
3KP36A	36	40.0	44.2	1.0	58.1	51.6	5.0
3KP40	40	44.4	54.3	1.0	71.4	42.0	5.0
3KP40A	40	44.4	49.1	1.0	64.5	46.4	5.0
3KP43	43	47.8	58.4	1.0	76.7	39.2	5.0
3KP43A	43	47.8	52.8	1.0	69.4	43.2	5.0
3KP45	45	50.0	61.1	1.0	80.3	37.4	5.0
3KP45A	45	50.0	55.3	1.0	72.7	41.2	5.0
3KP48	48	53.3	65.1	1.0	85.5	35.0	5.0
3KP48A	48	53.3	58.9	1.0	77.4	38.8	5.0
3KP 51	51	56.7	69.3	1.0	91.1	37.0	5.0
3KP51A	51	56.7	62.7	1.0	82.4	36.4	5.0
3KP54	54	60.0	73.3	1.0	96.3	31.2	5.0
3KP54A	54	60.0	66.3	1.0	87.1	34.4	5.0
3KP58	58	64.4	78.7	1.0	103	39.2	5.0
3KP58A	58	64.4	71.2	1.0	93.6	32.0	5.0
3KP60	60	66.7	81.5	1.0	107	28.0	5.0
3KP60A	60	66.7	73.7	1.0	96.8	31.0	5.0
3KP64	64	71.1	86.9	1.0	114	26.4	5.0
3KP64A	64	71.1	78.6	1.0	103	29.2	5.0
3KP70	70	77.8	95.1	1.0	125	24.0	5.0
3KP70A	70	77.8	86.0	1.0	113	26.6	5.0
3KP75	75	83.3	102	1.0	134	22.4	5.0
3KP75A	75	83.3	92.1	1.0	121	24.8	5.0
3KP78	78	86.7	106	1.0	139	21.6	5.0
3KP78A	78	86.7	95.8	1.0	126	22.8	5.0

3000W TVS / R-6

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
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)
3KP85	85	94.4	115	1.0	151	19.8	5.0
3KP85A	85	94.4	104	1.0	137	20.8	5.0
3KP90	90	100	122	1.0	160	18.8	5.0
3KP90A	90	100	111	1.0	146	20.6	5.0
3KP100	100	111	136	1.0	179	16.8	5.0
3KP100A	100	111	123	1.0	162	18.6	5.0
3KP110	110	122	149	1.0	196	15.4	5.0
3KP110A	110	122	135	1.0	177	16.8	5.0
3KP120	120	133	163	1.0	214	14.0	5.0
3KP120A	120	133	147	1.0	193	15.6	5.0
3KP130	130	144	176	1.0	231	13.0	5.0
3KP130A	130	144	159	1.0	209	14.4	5.0
3KP150	150	167	204	1.0	268	11.2	5.0
3KP150A	150	167	185	1.0	243	12.4	5.0
3KP160	160	178	218	1.0	287	10.4	5.0
3KP160A	160	178	197	1.0	259	11.6	5.0
3KP170	170	189	231	1.0	304	9.8	5.0
3KP170A	170	189	209	1.0	275	11.0	5.0

5000W TVS / R-6

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	MAXIMUM VOLTAGE TEMPERATURE VARIATION OF V_{BR}
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(μA)	mV / °C
5KP5.0	5.0	6.40	7.30	50	9.6	520	2000	4.0
5KP5.0A	5.0	6.40	7.00	50	9.2	543	2000	4.0
5KP6.0	6.0	6.67	8.15	50	11.4	439	5000	4.0
5KP6.0A	6.0	6.67	7.37	50	10.3	485	5000	4.0
5KP6.5	6.5	7.22	8.82	50	12.3	407	2000	4.0
5KP6.5A	6.5	7.22	7.98	50	11.2	447	2000	4.0
5KP7.0	7.0	7.78	9.51	50	13.3	378	1000	5.0
5KP7.0A	7.0	7.78	8.60	50	12.0	417	1000	5.0
5KP7.5	7.5	8.33	10.2	5.0	14.3	350	250	6.0
5KP7.5A	7.5	8.33	9.21	5.0	12.9	388	250	6.0
5KP8.0	8.0	8.89	10.9	5.0	15.0	333	150	6.0
5KP8.0A	8.0	8.89	9.83	5.0	13.6	367	150	6.0
5KP8.5	8.5	9.44	11.5	5.0	15.9	314	50	7.0
5KP8.5A	8.5	9.44	10.4	5.0	14.4	347	50	7.0
5KP9.0	9.0	10.0	12.2	5.0	16.9	295	20	8.0
5KP9.0A	9.0	10.0	11.1	5.0	15.4	325	20	8.0
5KP10	10	11.1	13.6	5.0	18.8	266	15	9.0
5KP10A	10	11.1	12.3	5.0	17.0	294	15	9.0
5KP11	11	12.2	14.9	5.0	20.1	249	10	10
5KP11A	11	12.2	13.5	5.0	18.2	274	10	10
5KP12	12	13.3	16.3	5.0	22.0	227	10	11
5KP12A	12	13.3	14.7	5.0	19.9	251	10	11
5KP13	13	14.4	17.6	5.0	23.8	210	10	12
5KP13A	13	14.4	15.9	5.0	21.5	232	10	12
5KP14	14	15.6	19.1	5.0	25.8	194	10	13
5KP14A	14	15.6	17.2	5.0	23.2	215	10	13
5KP15	15	16.7	20.4	5.0	26.9	188	10	15
5KP15A	15	16.7	18.5	5.0	24.4	206	10	15
5KP16	16	17.8	21.8	5.0	28.8	176	10	18
5KP16A	16	17.8	19.7	5.0	26.0	192	10	16

5000W TVS / R-6

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	MAXIMUM VOLTAGE TEMPERATURE VARIATION OF V_{BR}
	(VOLTS)	MIN	MAX	I_T (mA)	(VOLTS)	(AMPS)	(µA)	mV / °C
5KP17	17	18.9	23.1	5.0	30.5	164	10	19
5KP17A	17	18.9	20.9	5.0	27.6	181	10	18
5KP18	18	20.0	24.4	5.0	32.2	155	10	20
5KP18A	18	20.0	22.1	5.0	29.2	172	10	19
5KP20	20	22.2	27.1	5.0	35.8	139	10	24
5KP20A	20	22.2	24.5	5.0	32.4	154	10	22
5KP22	22	24.4	29.8	5.0	39.4	127	10	27
5KP22A	22	24.4	26.9	5.0	35.5	141	10	24
5KP24	24	26.7	32.6	5.0	43.0	116	10	30
5KP24A	24	26.7	29.5	5.0	38.9	128	10	27
5KP26	26	28.9	35.3	5.0	46.6	107	10	33
5KP26A	26	28.9	31.9	5.0	42.1	119	10	29
5KP28	28	31.1	38.0	5.0	50.0	99	10	34
5KP28A	28	31.1	34.4	5.0	45.4	110	10	30
5KP30	30	33.3	40.7	5.0	53.5	93	10	38
5KP30A	30	33.3	36.8	5.0	48.4	103	10	35
5KP33	33	36.7	44.9	5.0	59.0	85	10	41
5KP33A	33	36.7	40.6	5.0	53.3	94	10	38
5KP36	36	40.0	48.9	5.0	64.3	78	10	45
5KP36A	36	40.0	44.2	5.0	58.1	86	10	40
5KP40	40	44.4	54.3	5.0	71.4	70	10	50
5KP40A	40	44.4	49.1	5.0	64.5	78	10	45
5KP43	43	47.8	58.4	5.0	76.7	65	10	54
5KP43A	43	47.8	52.8	5.0	69.4	72	10	49
5KP45	45	50.0	61.1	5.0	80.3	62	10	57
5KP45A	45	50.0	55.3	5.0	72.7	69	10	51
5KP48	48	53.3	65.1	5.0	85.5	58	10	62
5KP48A	48	53.3	58.9	5.0	77.4	65	10	55
5KP 51	51	56.7	69.3	5.0	91.1	55	10	65
5KP51A	51	56.7	62.7	5.0	82.4	61	10	60
5KP54	54	60.0	73.3	5.0	96.3	52	10	70
5KP54A	54	60.0	66.3	5.0	87.1	57	10	64
5KP58	58	64.4	78.7	5.0	103	49	10	77
5KP58A	58	64.4	71.2	5.0	93.6	53	10	69
5KP60	60	66.7	81.5	5.0	107	47	10	79
5KP60A	60	66.7	73.7	5.0	96.8	52	10	70
5KP64	64	71.1	86.9	5.0	114	44	10	85
5KP64A	64	71.1	78.6	5.0	103	49	10	75
5KP70	70	77.8	95.1	5.0	125	40	10	93
5KP70A	70	77.8	86.0	5.0	113	44	10	84
5KP75	75	83.3	102	5.0	134	37	10	100
5KP75A	75	83.3	92.1	5.0	121	41	10	90
5KP78	78	86.7	106	5.0	139	36	10	104
5KP78A	78	86.7	95.8	5.0	126	40	10	94
5KP85	85	94.4	115	5.0	151	33	10	113
5KP85A	85	94.4	104	5.0	137	36	10	102
5KP90	90	100	122	5.0	160	31	10	120
5KP90A	90	100	111	5.0	146	34	10	109
5KP100	100	111	136	5.0	179	28	10	134
5KP100A	100	111	123	5.0	162	31	10	122
5KP110	110	122	149	5.0	196	26	10	147
5KP110A	110	122	135	5.0	177	28	10	132