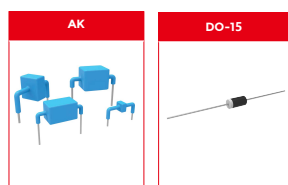


Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
AK10-058C	AK	Bidirectional	-	58	20	64	-	10	110	10000	-
AK10-066C	AK	Bidirectional	-	66	20	70	-	10	125	10000	-
AK10-076C	AK	Bidirectional	-	76	20	83	-	10	135	10000	-
AK10-170C	AK	Bidirectional	-	170	20	180	-	10	260	10000	-
AK10-190C	AK	Bidirectional	-	190	20	200	-	10	290	10000	-
AK10-200C	AK	Bidirectional	-	200	20	222	-	10	330	10000	-
AK10-240C	AK	Bidirectional	-	240	20	250	-	10	340	10000	-
AK10-380C	AK	Bidirectional	-	380	20	401	-	10	520	10000	-
AK10-430C	AK	Bidirectional	-	430	20	440	-	10	625	10000	-
AK1-076C	AK	Bidirectional	-	76	20	83	-	10	135	1000	-
AK15-058C	AK	Bidirectional	-	58	20	64	-	10	110	15000	-
AK15-076C	AK	Bidirectional	-	76	20	85	-	10	145	15000	-
AK3-058C	AK	Bidirectional	-	58	20	64	-	10	110	3000	-
AK3-066C	AK	Bidirectional	-	66	20	70	-	10	125	3000	-
AK3-076C	AK	Bidirectional	-	76	20	85	-	10	140	3000	-
AK3-380C	AK	Bidirectional	-	380	20	401	-	10	520	3000	-
AK3-430C	AK	Bidirectional	-	430	20	440	-	10	625	3000	-
AK6-058C	AK	Bidirectional	-	58	20	64	-	10	110	6000	-
AK6-066C	AK	Bidirectional	-	66	20	70	-	10	125	6000	-
AK6-076C	AK	Bidirectional	-	76	20	83	-	10	135	6000	-
AK6-170C	AK	Bidirectional	-	170	20	180	-	10	260	6000	-
AK6-190C	AK	Bidirectional	-	190	20	200	-	10	290	6000	-
AK6-240C	AK	Bidirectional	-	240	20	250	-	10	340	6000	-
AK6-380C	AK	Bidirectional	-	380	20	401	-	10	520	6000	-
AK6-430C	AK	Bidirectional	-	430	20	440	-	10	625	6000	-
P5KE100A	DO-15	Unidirectional	500	100	3	111	128	1	162	3.1	-
P5KE100CA	DO-15	Bidirectional	500	100	3	111	128	1	162	3.1	-
P5KE10A	DO-15	Unidirectional	500	10	3	11.1	12.8	1	17	29.4	-
P5KE10CA	DO-15	Bidirectional	500	10	3	11.1	12.8	1	17	29.4	-
P5KE110A	DO-15	Unidirectional	500	110	3	122	140.5	1	177	2.8	-
P5KE110CA	DO-15	Bidirectional	500	110	3	122	140.5	1	177	2.8	-
P5KE11A	DO-15	Unidirectional	500	11	3	12.2	14	1	18.2	27.4	-
P5KE11CA	DO-15	Bidirectional	500	11	3	12.2	14	1	18.2	27.4	-
P5KE120A	DO-15	Unidirectional	500	120	3	133	153	1	193	2	-
P5KE120CA	DO-15	Bidirectional	500	120	3	133	153	1	193	2	-
P5KE12A	DO-15	Unidirectional	500	12	3	13.3	15.3	1	19.9	25.1	-
P5KE12CA	DO-15	Bidirectional	500	12	3	13.3	15.3	1	19.9	25.1	-
P5KE130A	DO-15	Unidirectional	500	130	3	144	165.5	1	209	2.4	-
P5KE130CA	DO-15	Bidirectional	500	130	3	144	165.5	1	209	2.4	-
P5KE13A	DO-15	Unidirectional	500	13	3	14.4	16.5	1	21.5	23.2	-
P5KE13CA	DO-15	Bidirectional	500	13	3	14.4	16.5	1	21.5	23.2	-
P5KE14A	DO-15	Unidirectional	500	14	3	15.6	17.9	1	23.2	21.5	-
P5KE14CA	DO-15	Bidirectional	500	14	3	15.6	17.9	1	23.2	21.5	-
P5KE150A	DO-15	Unidirectional	500	150	3	167	192.5	1	243	2.1	-
P5KE150CA	DO-15	Bidirectional	500	150	3	167	192.5	1	243	2.1	-
P5KE15A	DO-15	Unidirectional	500	15	3	16.7	19.2	1	24.4	20.6	-
P5KE15CA	DO-15	Bidirectional	500	15	3	16.7	19.2	1	24.4	20.6	-
P5KE160A	DO-15	Unidirectional	500	160	3	178	205	1	259	1.9	-
P5KE160CA	DO-15	Bidirectional	500	160	3	178	205	1	259	1.9	-
P5KE16A	DO-15	Unidirectional	500	16	3	17.8	20.5	1	26	19.2	-
P5KE16CA	DO-15	Bidirectional	500	16	3	17.8	20.5	1	26	19.2	-
P5KE170A	DO-15	Unidirectional	500	170	3	189	217.5	1	275	1.8	-
P5KE170CA	DO-15	Bidirectional	500	170	3	189	217.5	1	275	1.8	-
P5KE17A	DO-15	Unidirectional	500	17	3	18.9	21.7	1	27.6	16.1	-



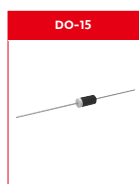
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P5KE17CA	DO-15	Bidirectional	500	17	3	18.9	21.7	1	27.6	16.1	-
P5KE180A	DO-15	Unidirectional	500	180	3	198	230.4	1	292	1.7	-
P5KE180CA	DO-15	Bidirectional	500	180	3	198	230.4	1	292	1.7	-
P5KE18A	DO-15	Unidirectional	500	18	3	20	23.3	1	29.2	17.2	-
P5KE18CA	DO-15	Bidirectional	500	18	3	20	23.3	1	29.2	17.2	-
P5KE190A	DO-15	Unidirectional	500	190	3	209	243.2	1	308	1.6	-
P5KE190CA	DO-15	Bidirectional	500	190	3	209	243.2	1	308	1.6	-
P5KE200A	DO-15	Unidirectional	500	200	3	220	256	1	324	1.5	-
P5KE200CA	DO-15	Bidirectional	500	200	3	220	256	1	324	1.5	-
P5KE20A	DO-15	Unidirectional	500	20	3	22.2	25.5	1	32.4	15.4	-
P5KE20CA	DO-15	Bidirectional	500	20	3	22.2	25.5	1	32.4	15.4	-
P5KE22A	DO-15	Unidirectional	500	22	3	24.4	28	1	35.5	14.1	-
P5KE22CA	DO-15	Bidirectional	500	22	3	24.4	28	1	35.5	14.1	-
P5KE24A	DO-15	Unidirectional	500	24	3	26.7	30.7	1	38.9	12.8	-
P5KE24CA	DO-15	Bidirectional	500	24	3	26.7	30.7	1	38.9	12.8	-
P5KE26A	DO-15	Unidirectional	500	26	3	28.9	33.2	1	42.1	11.9	-
P5KE26CA	DO-15	Bidirectional	500	26	3	28.9	33.2	1	42.1	11.9	-
P5KE28A	DO-15	Unidirectional	500	28	3	31.1	35.8	1	45.4	11	-
P5KE28CA	DO-15	Bidirectional	500	28	3	31.1	35.8	1	45.4	11	-
P5KE30A	DO-15	Unidirectional	500	30	3	33.3	38.3	1	48.4	10.3	-
P5KE30CA	DO-15	Bidirectional	500	30	3	33.3	38.3	1	48.4	10.3	-
P5KE33A	DO-15	Unidirectional	500	33	3	36.7	42.2	1	53.3	9.4	-
P5KE33CA	DO-15	Bidirectional	500	33	3	36.7	42.2	1	53.3	9.4	-
P5KE36A	DO-15	Unidirectional	500	36	3	40	46	1	58.1	8.6	-
P5KE36CA	DO-15	Bidirectional	500	36	3	40	46	1	58.1	8.6	-
P5KE40A	DO-15	Unidirectional	500	40	3	44.4	51.1	1	64.5	7.8	-
P5KE40CA	DO-15	Bidirectional	500	40	3	44.4	51.1	1	64.5	7.8	-
P5KE43A	DO-15	Unidirectional	500	43	3	47.8	54.9	1	69.4	7.2	-
P5KE43CA	DO-15	Bidirectional	500	43	3	47.8	54.9	1	69.4	7.2	-
P5KE45A	DO-15	Unidirectional	500	45	3	50	57.5	1	72.7	6.9	-
P5KE45CA	DO-15	Bidirectional	500	45	3	50	57.5	1	72.7	6.9	-
P5KE48A	DO-15	Unidirectional	500	48	3	53.3	61.3	1	77.4	6.5	-
P5KE48CA	DO-15	Bidirectional	500	48	3	53.3	61.3	1	77.4	6.5	-
P5KE5.0A	DO-15	Unidirectional	500	5	600	6.4	7.25	10	9.2	54.3	-
P5KE5.0CA	DO-15	Bidirectional	500	5	1200	6.4	7.25	10	9.2	54.3	-
P5KE51A	DO-15	Unidirectional	500	51	3	56.7	65.2	1	82.4	6.1	-
P5KE51CA	DO-15	Bidirectional	500	51	3	56.7	65.2	1	82.4	6.1	-
P5KE54A	DO-15	Unidirectional	500	54	3	60	69	1	87.1	5.7	-
P5KE54CA	DO-15	Bidirectional	500	54	3	60	69	1	87.1	5.7	-
P5KE58A	DO-15	Unidirectional	500	58	3	64.4	74.1	1	93.6	5.3	-
P5KE58CA	DO-15	Bidirectional	500	58	3	64.4	74.1	1	93.6	5.3	-
P5KE6.0A	DO-15	Unidirectional	500	6	600	6.67	7.67	10	10.3	48.5	-
P5KE6.0CA	DO-15	Bidirectional	500	6	1200	6.67	7.67	10	10.3	48.5	-
P5KE6.5A	DO-15	Unidirectional	500	6.5	400	7.22	8.3	10	11.2	44.7	-
P5KE6.5CA	DO-15	Bidirectional	500	6.5	800	7.22	8.3	10	11.2	44.7	-
P5KE60A	DO-15	Unidirectional	500	60	3	66.7	76.7	1	96.8	5.2	-
P5KE60CA	DO-15	Bidirectional	500	60	3	66.7	76.7	1	96.8	5.2	-
P5KE64A	DO-15	Unidirectional	500	64	3	71.1	81.8	1	103	4.9	-
P5KE64CA	DO-15	Bidirectional	500	64	3	71.1	81.8	1	103	4.9	-
P5KE7.0A	DO-15	Unidirectional	500	7	150	7.78	8.95	10	12	41.7	-
P5KE7.0CA	DO-15	Bidirectional	500	7	300	7.78	8.95	10	12	41.7	-
P5KE7.5A	DO-15	Unidirectional	500	7.5	50	8.33	9.58	1	12.9	38.8	-
P5KE7.5CA	DO-15	Bidirectional	500	7.5	100	8.33	9.58	1	12.9	38.8	-
P5KE70A	DO-15	Unidirectional	500	70	3	77.8	89.5	1	113	4.4	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P5KE70CA	DO-15	Bidirectional	500	70	3	77.8	89.5	1	113	4.4	-
P5KE75A	DO-15	Unidirectional	500	75	3	83.3	95.8	1	121	4.1	-
P5KE75CA	DO-15	Bidirectional	500	75	3	83.3	95.8	1	121	4.1	-
P5KE78A	DO-15	Unidirectional	500	78	3	86.7	99.7	1	126	4	-
P5KE78CA	DO-15	Bidirectional	500	78	3	86.7	99.7	1	126	4	-
P5KE8.0A	DO-15	Unidirectional	500	8	25	8.89	10.23	1	13.6	36.7	-
P5KE8.0CA	DO-15	Bidirectional	500	8	50	8.89	10.23	1	13.6	36.7	-
P5KE8.5A	DO-15	Unidirectional	500	8.5	10	9.44	10.82	1	14.4	34.7	-
P5KE8.5CA	DO-15	Bidirectional	500	8.5	25	9.44	10.82	1	14.4	34.7	-
P5KE85A	DO-15	Unidirectional	500	85	3	94.4	108.2	1	137	3.6	-
P5KE85CA	DO-15	Bidirectional	500	85	3	94.4	108.2	1	137	3.6	-
P5KE9.0A	DO-15	Unidirectional	500	9	5	10	11.5	1	15.4	32.5	-
P5KE9.0CA	DO-15	Bidirectional	500	9	5	10	11.5	1	15.4	32.5	-
P5KE90A	DO-15	Unidirectional	500	90	3	100	115.5	1	146	3.4	-
P5KE90CA	DO-15	Bidirectional	500	90	3	100	115.5	1	146	3.4	-
P6KE100A	DO-15	Unidirectional	600	85.5	1	95	105	1	137	4.4	-
P6KE100CA	DO-15	Bidirectional	600	85.5	1	95	105	1	137	4.4	-
P6KE10A	DO-15	Unidirectional	600	8.55	10	9.5	10.5	1	14.5	41	-
P6KE10CA	DO-15	Bidirectional	600	8.55	10	9.5	10.5	1	14.5	41	-
P6KE110A	DO-15	Unidirectional	600	94	1	105	116	1	152	3.4	-
P6KE110CA	DO-15	Bidirectional	600	94	1	105	116	1	152	3.4	-
P6KE11A	DO-15	Unidirectional	600	9.4	5	10.5	11.6	1	15.6	38	-
P6KE11CA	DO-15	Bidirectional	600	9.4	5	10.5	11.6	1	15.6	38	-
P6KE120A	DO-15	Unidirectional	600	102	1	114	126	1	165	3.6	-
P6KE120CA	DO-15	Bidirectional	600	102	1	114	126	1	165	3.6	-
P6KE12A	DO-15	Unidirectional	600	10.2	5	11.4	12.6	1	16.7	36	-
P6KE12CA	DO-15	Bidirectional	600	10.2	5	11.4	12.6	1	16.7	36	-
P6KE130A	DO-15	Unidirectional	600	111	1	124	137	1	179	3.3	-
P6KE130CA	DO-15	Bidirectional	600	111	1	124	137	1	179	3.3	-
P6KE13A	DO-15	Unidirectional	600	11.1	1	12.4	13.7	1	18.2	33	-
P6KE13CA	DO-15	Bidirectional	600	11.1	1	12.4	13.7	1	18.2	33	-
P6KE150A	DO-15	Unidirectional	600	128	1	143	158	1	207	2.9	-
P6KE150CA	DO-15	Bidirectional	600	128	1	143	158	1	207	2.9	-
P6KE15A	DO-15	Unidirectional	600	12.8	1	14.3	15.8	1	21.2	28	-
P6KE15CA	DO-15	Bidirectional	600	12.8	1	14.3	15.8	1	21.2	28	-
P6KE160A	DO-15	Unidirectional	600	136	1	152	168	1	219	2.7	-
P6KE160CA	DO-15	Bidirectional	600	136	1	152	168	1	219	2.7	-
P6KE16A	DO-15	Unidirectional	600	13.6	1	15.2	16.8	1	22.5	27	-
P6KE16CA	DO-15	Bidirectional	600	13.6	1	15.2	16.8	1	22.5	27	-
P6KE170A	DO-15	Unidirectional	600	145	1	161	179	1	234	2.6	-
P6KE170CA	DO-15	Bidirectional	600	145	1	161	179	1	234	2.6	-
P6KE180A	DO-15	Unidirectional	600	154	1	171	189	1	246	2.4	-
P6KE180CA	DO-15	Bidirectional	600	154	1	171	189	1	246	2.4	-
P6KE18A	DO-15	Unidirectional	600	15.3	1	17.1	18.9	1	25.2	24	-
P6KE18CA	DO-15	Bidirectional	600	15.3	1	17.1	18.9	1	25.2	24	-
P6KE200A	DO-15	Unidirectional	600	171	1	190	210	1	274	2.2	-
P6KE200CA	DO-15	Bidirectional	600	171	1	190	210	1	274	2.2	-
P6KE20A	DO-15	Unidirectional	600	17.1	1	19	21	1	27.7	22	-
P6KE20CA	DO-15	Bidirectional	600	17.1	1	19	21	1	27.7	22	-
P6KE220A	DO-15	Unidirectional	600	185	1	209	231	1	328	1.9	-
P6KE220CA	DO-15	Bidirectional	600	185	1	209	231	1	328	1.9	-
P6KE22A	DO-15	Unidirectional	600	18.8	1	20.9	23.1	1	30.6	20	-
P6KE22CA	DO-15	Bidirectional	600	18.8	1	20.9	23.1	1	30.6	20	-
P6KE24A	DO-15	Unidirectional	600	20.5	1	22.8	25.2	1	33.2	18	-



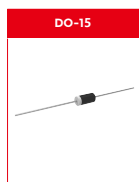
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P6KE24CA	DO-15	Bidirectional	600	20.5	1	22.8	25.2	1	33.2	18	-
P6KE250A	DO-15	Unidirectional	600	214	1	237	263	1	344	1.8	-
P6KE250CA	DO-15	Bidirectional	600	214	1	237	263	1	344	1.8	-
P6KE27A	DO-15	Unidirectional	600	23.1	1	25.7	28.4	1	37.5	16	-
P6KE27CA	DO-15	Bidirectional	600	23.1	1	25.7	28.4	1	37.5	16	-
P6KE300A	DO-15	Unidirectional	600	256	1	285	315	1	414	1.5	-
P6KE300CA	DO-15	Bidirectional	600	256	1	285	315	1	414	1.5	-
P6KE30A	DO-15	Unidirectional	600	25.6	1	28.5	31.5	1	41.4	14.4	-
P6KE30CA	DO-15	Bidirectional	600	25.6	1	28.5	31.5	1	41.4	14.4	-
P6KE33A	DO-15	Unidirectional	600	28.2	1	31.4	34.7	1	45.7	13.2	-
P6KE33CA	DO-15	Bidirectional	600	28.2	1	31.4	34.7	1	45.7	13.2	-
P6KE350A	DO-15	Unidirectional	600	300	1	332	368	1	482	1.3	-
P6KE350CA	DO-15	Bidirectional	600	300	1	332	368	1	482	1.3	-
P6KE36A	DO-15	Unidirectional	600	30.8	1	34.2	37.8	1	49.9	12	-
P6KE36CA	DO-15	Bidirectional	600	30.8	1	34.2	37.8	1	49.9	12	-
P6KE39A	DO-15	Unidirectional	600	33.3	1	37.1	41	1	53.9	11.2	-
P6KE39CA	DO-15	Bidirectional	600	33.3	1	37.1	41	1	53.9	11.2	-
P6KE400A	DO-15	Unidirectional	600	342	1	380	420	1	548	1.1	-
P6KE400CA	DO-15	Bidirectional	600	342	1	380	420	1	548	1.1	-
P6KE43A	DO-15	Unidirectional	600	36.8	1	40.9	45.2	1	59.3	10.1	-
P6KE43CA	DO-15	Bidirectional	600	36.8	1	40.9	45.2	1	59.3	10.1	-
P6KE440A	DO-15	Unidirectional	600	376	1	418	462	1	600	1.04	-
P6KE440CA	DO-15	Bidirectional	600	376	1	418	462	1	600	1.04	-
P6KE47A	DO-15	Unidirectional	600	40.2	1	44.7	49.4	1	64.8	9.3	-
P6KE47CA	DO-15	Bidirectional	600	40.2	1	44.7	49.4	1	64.8	9.3	-
P6KE480A	DO-15	Unidirectional	600	408	1	456	504	1	658	0.91	-
P6KE480CA	DO-15	Bidirectional	600	408	1	456	504	1	658	0.91	-
P6KE510A	DO-15	Unidirectional	600	434	1	485	535	1	698	0.86	-
P6KE510CA	DO-15	Bidirectional	600	434	1	485	535	1	698	0.86	-
P6KE51A	DO-15	Unidirectional	600	43.6	1	48.5	53.6	1	70.1	8.6	-
P6KE51CA	DO-15	Bidirectional	600	43.6	1	48.5	53.6	1	70.1	8.6	-
P6KE540A	DO-15	Unidirectional	600	459	1	513	567	1	740	0.81	-
P6KE540CA	DO-15	Bidirectional	600	459	1	513	567	1	740	0.81	-
P6KE56A	DO-15	Unidirectional	600	47.8	1	53.2	58.8	1	77	7.8	-
P6KE56CA	DO-15	Bidirectional	600	47.8	1	53.2	58.8	1	77	7.8	-
P6KE6.8A	DO-15	Unidirectional	600	5.8	1000	6.45	7.14	10	10.5	57	-
P6KE6.8CA	DO-15	Bidirectional	600	5.8	1000	6.45	7.14	10	10.5	57	-
P6KE600A	DO-15	Unidirectional	600	512	1	570	630	1	828	0.75	-
P6KE600CA	DO-15	Bidirectional	600	512	1	570	630	1	828	0.75	-
P6KE62A	DO-15	Unidirectional	600	53	1	58.9	65.1	1	85	7.1	-
P6KE62CA	DO-15	Bidirectional	600	53	1	58.9	65.1	1	85	7.1	-
P6KE68A	DO-15	Unidirectional	600	58.1	1	64.6	71.4	1	92	6.5	-
P6KE68CA	DO-15	Bidirectional	600	58.1	1	64.6	71.4	1	92	6.5	-
P6KE7.5A	DO-15	Unidirectional	600	6.4	500	7.13	7.88	10	11.3	53	-
P6KE7.5CA	DO-15	Bidirectional	600	6.4	500	7.13	7.88	10	11.3	53	-
P6KE75A	DO-15	Unidirectional	600	64.1	1	71.3	78.8	1	103	5.8	-
P6KE75CA	DO-15	Bidirectional	600	64.1	1	71.3	78.8	1	103	5.8	-
P6KE8.2A	DO-15	Unidirectional	600	7.02	200	7.79	8.61	10	12.1	50	-
P6KE8.2CA	DO-15	Bidirectional	600	7.02	200	7.79	8.61	10	12.1	50	-
P6KE82A	DO-15	Unidirectional	600	70.1	1	77.9	86.1	1	113	5.3	-
P6KE82CA	DO-15	Bidirectional	600	70.1	1	77.9	86.1	1	113	5.3	-
P6KE9.1A	DO-15	Unidirectional	600	7.78	50	8.65	9.55	1	13.4	45	-
P6KE9.1CA	DO-15	Bidirectional	600	7.78	50	8.65	9.55	1	13.4	45	-
P6KE91A	DO-15	Unidirectional	600	77.8	1	86.5	95.5	1	125	4.8	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P6KE91CA	DO-15	Bidirectional	600	77.8	1	86.5	95.5	1	125	4.8	-
SA100A	DO-15	Unidirectional	500	100	1	111	123	1	162	3.1	-
SA100CA	DO-15	Bidirectional	500	100	1	111	123	1	162	3.1	-
SA10A	DO-15	Unidirectional	500	10	1	11.1	12.3	1	17	30	-
SA10CA	DO-15	Bidirectional	500	10	1	11.1	12.3	1	17	30	-
SA110A	DO-15	Unidirectional	500	110	1	122	135	1	177	2.9	-
SA110CA	DO-15	Bidirectional	500	110	1	122	135	1	177	2.9	-
SA11A	DO-15	Unidirectional	500	11	1	12.2	13.5	1	18.2	28	-
SA11CA	DO-15	Bidirectional	500	11	1	12.2	13.5	1	18.2	28	-
SA120A	DO-15	Unidirectional	500	120	1	133	147	1	193	2.6	-
SA120CA	DO-15	Bidirectional	500	120	1	133	147	1	193	2.6	-
SA12A	DO-15	Unidirectional	500	12	1	13.3	14.7	1	19.9	25.6	-
SA12CA	DO-15	Bidirectional	500	12	1	13.3	14.7	1	19.9	25.6	-
SA130A	DO-15	Unidirectional	500	130	1	144	159	1	209	2.4	-
SA130CA	DO-15	Bidirectional	500	130	1	144	159	1	209	2.4	-
SA13A	DO-15	Unidirectional	500	13	1	14.4	15.9	1	21.5	23.7	-
SA13CA	DO-15	Bidirectional	500	13	1	14.4	15.9	1	21.5	23.7	-
SA14A	DO-15	Unidirectional	500	14	1	15.6	17.2	1	23.2	22	-
SA14CA	DO-15	Bidirectional	500	14	1	15.6	17.2	1	23.2	22	-
SA150A	DO-15	Unidirectional	500	150	1	167	185	1	243	2.1	-
SA150CA	DO-15	Bidirectional	500	150	1	167	185	1	243	2.1	-
SA15A	DO-15	Unidirectional	500	15	1	16.7	18.5	1	24.4	20.9	-
SA15CA	DO-15	Bidirectional	500	15	1	16.7	18.5	1	24.4	20.9	-
SA160A	DO-15	Unidirectional	500	160	1	178	197	1	259	2	-
SA160CA	DO-15	Bidirectional	500	160	1	178	197	1	259	2	-
SA16A	DO-15	Unidirectional	500	16	1	17.8	19.7	1	26	19.6	-
SA16CA	DO-15	Bidirectional	500	16	1	17.8	19.7	1	26	19.6	-
SA170A	DO-15	Unidirectional	500	170	1	189	209	1	275	1.9	-
SA170CA	DO-15	Bidirectional	500	170	1	189	209	1	275	1.9	-
SA17A	DO-15	Unidirectional	500	17	1	18.9	20.9	1	27.6	18.5	-
SA17CA	DO-15	Bidirectional	500	17	1	18.9	20.9	1	27.6	18.5	-
SA18A	DO-15	Unidirectional	500	18	1	20	22.1	1	29.2	17.5	-
SA18CA	DO-15	Bidirectional	500	18	1	20	22.1	1	29.2	17.5	-
SA20A	DO-15	Unidirectional	500	20	1	22.2	24.5	1	32.4	15.7	-
SA20CA	DO-15	Bidirectional	500	20	1	22.2	24.5	1	32.4	15.7	-
SA22A	DO-15	Unidirectional	500	22	1	24.4	26.9	1	35.5	14.4	-
SA22CA	DO-15	Bidirectional	500	22	1	24.4	26.9	1	35.5	14.4	-
SA24A	DO-15	Unidirectional	500	24	1	26.7	29.5	1	38.9	13.1	-
SA24CA	DO-15	Bidirectional	500	24	1	26.7	29.5	1	38.9	13.1	-
SA26A	DO-15	Unidirectional	500	26	1	28.9	31.9	1	42.1	12.1	-
SA26CA	DO-15	Bidirectional	500	26	1	28.9	31.9	1	42.1	12.1	-
SA28A	DO-15	Unidirectional	500	28	1	31.1	34.4	1	45.4	11.2	-
SA28CA	DO-15	Bidirectional	500	28	1	31.1	34.4	1	45.4	11.2	-
SA30A	DO-15	Unidirectional	500	30	1	33.3	36.8	1	48.4	10.5	-
SA30CA	DO-15	Bidirectional	500	30	1	33.3	36.8	1	48.4	10.5	-
SA33A	DO-15	Unidirectional	500	33	1	36.7	40.6	1	53.3	9.6	-
SA33CA	DO-15	Bidirectional	500	33	1	36.7	40.6	1	53.3	9.6	-
SA36A	DO-15	Unidirectional	500	36	1	40	44.2	1	58.1	8.8	-
SA36CA	DO-15	Bidirectional	500	36	1	40	44.2	1	58.1	8.8	-
SA40A	DO-15	Unidirectional	500	40	1	44.4	49.1	1	64.5	7.9	-
SA40CA	DO-15	Bidirectional	500	40	1	44.4	49.1	1	64.5	7.9	-
SA43A	DO-15	Unidirectional	500	43	1	47.8	52.8	1	69.4	7.3	-
SA43CA	DO-15	Bidirectional	500	43	1	47.8	52.8	1	69.4	7.3	-
SA45A	DO-15	Unidirectional	500	45	1	50	55.3	1	72.7	7	-



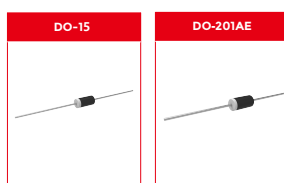
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SA45CA	DO-15	Bidirectional	500	45	1	50	55.3	1	72.7	7	-
SA48A	DO-15	Unidirectional	500	48	1	53.3	58.9	1	77.4	6.6	-
SA48CA	DO-15	Bidirectional	500	48	1	53.3	58.9	1	77.4	6.6	-
SA5.0A	DO-15	Unidirectional	500	5	600	6.4	7	10	9.2	55.4	-
SA5.0CA	DO-15	Bidirectional	500	5	600	6.4	7	10	9.2	55.4	-
SA51A	DO-15	Unidirectional	500	51	1	56.7	62.7	1	82.4	6.2	-
SA51CA	DO-15	Bidirectional	500	51	1	56.7	62.7	1	82.4	6.2	-
SA54A	DO-15	Unidirectional	500	54	1	60	66.3	1	87.1	5.9	-
SA54CA	DO-15	Bidirectional	500	54	1	60	66.3	1	87.1	5.9	-
SA58A	DO-15	Unidirectional	500	58	1	64.4	71.2	1	93.6	5.4	-
SA58CA	DO-15	Bidirectional	500	58	1	64.4	71.2	1	93.6	5.4	-
SA6.0A	DO-15	Unidirectional	500	6	600	6.67	7.37	10	10.3	49.5	-
SA6.0CA	DO-15	Bidirectional	500	6	600	6.67	7.37	10	10.3	49.5	-
SA6.5A	DO-15	Unidirectional	500	6.5	400	7.22	7.98	10	11.2	45.5	-
SA6.5CA	DO-15	Bidirectional	500	6.5	400	7.22	7.98	10	11.2	45.5	-
SA60A	DO-15	Unidirectional	500	60	1	66.7	73.7	1	96.8	5.3	-
SA60CA	DO-15	Bidirectional	500	60	1	66.7	73.7	1	96.8	5.3	-
SA64A	DO-15	Unidirectional	500	64	1	71.1	78.6	1	103	5	-
SA64CA	DO-15	Bidirectional	500	64	1	71.1	78.6	1	103	5	-
SA7.0A	DO-15	Unidirectional	500	7	150	7.78	8.6	10	12	42.5	-
SA7.0CA	DO-15	Bidirectional	500	7	150	7.78	8.6	10	12	42.5	-
SA7.5A	DO-15	Unidirectional	500	7.5	50	8.33	9.21	1	12.9	39.5	-
SA7.5CA	DO-15	Bidirectional	500	7.5	50	8.33	9.21	1	12.9	39.5	-
SA70A	DO-15	Unidirectional	500	70	1	77.8	86	1	113	4.5	-
SA70CA	DO-15	Bidirectional	500	70	1	77.8	86	1	113	4.5	-
SA75A	DO-15	Unidirectional	500	75	1	83.3	92.1	1	121	4.2	-
SA75CA	DO-15	Bidirectional	500	75	1	83.3	92.1	1	121	4.2	-
SA78A	DO-15	Unidirectional	500	78	1	86.7	95.8	1	126	4	-
SA78CA	DO-15	Bidirectional	500	78	1	86.7	95.8	1	126	4	-
SA8.0A	DO-15	Unidirectional	500	8	25	8.89	9.83	1	13.6	37.5	-
SA8.0CA	DO-15	Bidirectional	500	8	25	8.89	9.83	1	13.6	37.5	-
SA8.5A	DO-15	Unidirectional	500	8.5	10	9.44	10.4	1	14.4	35.4	-
SA8.5CA	DO-15	Bidirectional	500	8.5	10	9.44	10.4	1	14.4	35.4	-
SA85A	DO-15	Unidirectional	500	85	1	94.4	104	1	137	3.7	-
SA85CA	DO-15	Bidirectional	500	85	1	94.4	104	1	137	3.7	-
SA9.0A	DO-15	Unidirectional	500	9	5	10	11.1	1	15.4	33.1	-
SA9.0CA	DO-15	Bidirectional	500	9	5	10	11.1	1	15.4	33.1	-
SA90A	DO-15	Unidirectional	500	90	1	100	111	1	146	3.5	-
SA90CA	DO-15	Bidirectional	500	90	1	100	111	1	146	3.5	-
SAC136	DO-15	Unidirectional	600	136	1	150	170	1	219	2.7	-
SAC10	DO-15	Unidirectional	500	10	5	11.1		1	16.3	29	-
SAC12	DO-15	Unidirectional	500	12	5	13.3		1	19	25	-
SAC15	DO-15	Unidirectional	500	15	5	16.7		1	23.6	20	-
SAC18	DO-15	Unidirectional	500	18	5	20		1	28.8	15	-
SAC22	DO-15	Unidirectional	500	22	5	24.4		1	35.4	14	-
SAC26	DO-15	Unidirectional	500	26	5	28.9		1	42.3	11.1	-
SAC30	DO-15	Unidirectional	500	30	5	33.3		1	48.6	10	-
SAC36	DO-15	Unidirectional	500	36	5	40		1	60	8.6	-
SAC45	DO-15	Unidirectional	500	45	5	50		1	77	6.8	-
SAC5.0	DO-15	Unidirectional	500	5	300	7.6		1	10	44	-
SAC50	DO-15	Unidirectional	500	50	5	55.5		1	88	5.8	-
SAC6.0	DO-15	Unidirectional	500	6	300	7.9		1	11.2	41	-
SAC7.0	DO-15	Unidirectional	500	7	300	8.33		1	12.6	38	-
SAC8.0	DO-15	Unidirectional	500	8	100	8.89		1	13.4	36	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SAC8.5	DO-15	Unidirectional	500	8.5	50	9.44		1	14	34	-
1.5KE100A	DO-201AE	Unidirectional	1500	85.5	5	95	105	1	137	11.1	-
1.5KE100CA	DO-201AE	Bidirectional	1500	85.5	5	95	105	1	137	11.1	-
1.5KE10A	DO-201AE	Unidirectional	1500	8.55	10	9.5	10.5	1	14.5	104.8	-
1.5KE10CA	DO-201AE	Bidirectional	1500	8.55	10	9.5	10.5	1	14.5	104.8	-
1.5KE110A	DO-201AE	Unidirectional	1500	94	5	105	116	1	152	10	-
1.5KE110CA	DO-201AE	Bidirectional	1500	94	5	105	116	1	152	10	-
1.5KE11A	DO-201AE	Unidirectional	1500	9.4	5	10.5	11.6	1	15.6	97.4	-
1.5KE11CA	DO-201AE	Bidirectional	1500	9.4	5	10.5	11.6	1	15.6	97.4	-
1.5KE120A	DO-201AE	Unidirectional	1500	102	5	114	126	1	165	9.2	-
1.5KE120CA	DO-201AE	Bidirectional	1500	102	5	114	126	1	165	9.2	-
1.5KE12A	DO-201AE	Unidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	-
1.5KE12CA	DO-201AE	Bidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	-
1.5KE130A	DO-201AE	Unidirectional	1500	111	5	124	137	1	179	8.5	-
1.5KE130CA	DO-201AE	Bidirectional	1500	111	5	124	137	1	179	8.5	-
1.5KE13A	DO-201AE	Unidirectional	1500	11.1	5	12.4	13.7	1	18.2	83.5	-
1.5KE13CA	DO-201AE	Bidirectional	1500	11.1	5	12.4	13.7	1	18.2	83.5	-
1.5KE150A	DO-201AE	Unidirectional	1500	128	5	143	158	1	207	7.3	-
1.5KE150CA	DO-201AE	Bidirectional	1500	128	5	143	158	1	207	7.3	-
1.5KE15A	DO-201AE	Unidirectional	1500	12.8	5	14.3	15.8	1	21.2	71.7	-
1.5KE15CA	DO-201AE	Bidirectional	1500	12.8	5	14.3	15.8	1	21.2	71.7	-
1.5KE160A	DO-201AE	Unidirectional	1500	136	5	152	168	1	219	6.9	-
1.5KE160CA	DO-201AE	Bidirectional	1500	136	5	152	168	1	219	6.9	-
1.5KE16A	DO-201AE	Unidirectional	1500	13.6	5	15.2	16.8	1	22.5	67.6	-
1.5KE16CA	DO-201AE	Bidirectional	1500	13.6	5	15.2	16.8	1	22.5	67.6	-
1.5KE170A	DO-201AE	Unidirectional	1500	145	5	162	179	1	234	6.5	-
1.5KE170CA	DO-201AE	Bidirectional	1500	145	5	162	179	1	234	6.5	-
1.5KE180A	DO-201AE	Unidirectional	1500	154	5	171	189	1	246	6.2	-
1.5KE180CA	DO-201AE	Bidirectional	1500	154	5	171	189	1	246	6.2	-
1.5KE18A	DO-201AE	Unidirectional	1500	15.3	5	17.1	18.9	1	25.2	60.3	-
1.5KE18CA	DO-201AE	Bidirectional	1500	15.3	5	17.1	18.9	1	25.2	60.3	-
1.5KE200A	DO-201AE	Unidirectional	1500	171	5	190	210	1	274	5.5	-
1.5KE200CA	DO-201AE	Bidirectional	1500	171	5	190	210	1	274	5.5	-
1.5KE20A	DO-201AE	Unidirectional	1500	17.1	5	19	21	1	27.7	54.9	-
1.5KE20CA	DO-201AE	Bidirectional	1500	17.1	5	19	21	1	27.7	54.9	-
1.5KE220A	DO-201AE	Unidirectional	1500	185	5	209	231	1	328	4.6	-
1.5KE220CA	DO-201AE	Bidirectional	1500	185	5	209	231	1	328	4.6	-
1.5KE22A	DO-201AE	Unidirectional	1500	18.8	5	20.9	23.1	1	30.6	49.7	-
1.5KE22CA	DO-201AE	Bidirectional	1500	18.8	5	20.9	23.1	1	30.6	49.7	-
1.5KE24A	DO-201AE	Unidirectional	1500	20.5	5	22.8	25.2	1	33.2	45.8	-
1.5KE24CA	DO-201AE	Bidirectional	1500	20.5	5	22.8	25.2	1	33.2	45.8	-
1.5KE250A	DO-201AE	Unidirectional	1500	214	5	237	263	1	344	4.4	-
1.5KE250CA	DO-201AE	Bidirectional	1500	214	5	237	263	1	344	4.4	-
1.5KE27A	DO-201AE	Unidirectional	1500	23.1	5	25.7	28.4	1	37.5	40.5	-
1.5KE27CA	DO-201AE	Bidirectional	1500	23.1	5	25.7	28.4	1	37.5	40.5	-
1.5KE300A	DO-201AE	Unidirectional	1500	256	5	285	315	1	414	3.7	-
1.5KE300CA	DO-201AE	Bidirectional	1500	256	5	285	315	1	414	3.7	-
1.5KE30A	DO-201AE	Unidirectional	1500	25.6	5	28.5	31.5	1	41.4	36.7	-
1.5KE30CA	DO-201AE	Bidirectional	1500	25.6	5	28.5	31.5	1	41.4	36.7	-
1.5KE33A	DO-201AE	Unidirectional	1500	28.2	5	31.4	34.7	1	45.7	33.3	-
1.5KE33CA	DO-201AE	Bidirectional	1500	28.2	5	31.4	34.7	1	45.7	33.3	-
1.5KE350A	DO-201AE	Unidirectional	1500	300	5	332	368	1	482	3.2	-
1.5KE350CA	DO-201AE	Bidirectional	1500	300	5	332	368	1	482	3.2	-
1.5KE36A	DO-201AE	Unidirectional	1500	30.8	5	34.2	37.8	1	49.9	30.5	-



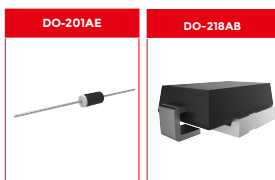
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
1.5KE36CA	DO-201AE	Bidirectional	1500	30.8	5	34.2	37.8	1	49.9	30.5	-
1.5KE39A	DO-201AE	Unidirectional	1500	33.3	5	37.1	41	1	53.9	28.2	-
1.5KE39CA	DO-201AE	Bidirectional	1500	33.3	5	37.1	41	1	53.9	28.2	-
1.5KE400A	DO-201AE	Unidirectional	1500	342	5	380	420	1	548	2.8	-
1.5KE400CA	DO-201AE	Bidirectional	1500	342	5	380	420	1	548	2.8	-
1.5KE43A	DO-201AE	Unidirectional	1500	36.8	5	40.9	45.2	1	59.3	25.6	-
1.5KE43CA	DO-201AE	Bidirectional	1500	36.8	5	40.9	45.2	1	59.3	25.6	-
1.5KE440A	DO-201AE	Unidirectional	1500	376	5	418	462	1	602	2.5	-
1.5KE440CA	DO-201AE	Bidirectional	1500	376	5	418	462	1	602	2.5	-
1.5KE47A	DO-201AE	Unidirectional	1500	40.2	5	44.7	49.4	1	64.8	23.5	-
1.5KE47CA	DO-201AE	Bidirectional	1500	40.2	5	44.7	49.4	1	64.8	23.5	-
1.5KE480A	DO-201AE	Unidirectional	1500	408	5	456	504	1	658	2.3	-
1.5KE480CA	DO-201AE	Bidirectional	1500	408	5	456	504	1	658	2.3	-
1.5KE510A	DO-201AE	Unidirectional	1500	434	5	485	535	1	698	2.1	-
1.5KE510CA	DO-201AE	Bidirectional	1500	434	5	485	535	1	698	2.1	-
1.5KE51A	DO-201AE	Unidirectional	1500	43.6	5	48.5	53.6	1	70.1	21.7	-
1.5KE51CA	DO-201AE	Bidirectional	1500	43.6	5	48.5	53.6	1	70.1	21.7	-
1.5KE530A	DO-201AE	Unidirectional	1500	450	5	503.5	556.5	1	725	2.1	-
1.5KE530CA	DO-201AE	Bidirectional	1500	450	5	503.5	556.5	1	725	2.1	-
1.5KE540A	DO-201AE	Unidirectional	1500	459	5	513	567	1	740	2	-
1.5KE540CA	DO-201AE	Bidirectional	1500	459	5	513	567	1	740	2	-
1.5KE550A	DO-201AE	Unidirectional	1500	467	5	522.5	577.5	1	760	2	-
1.5KE550CA	DO-201AE	Bidirectional	1500	467	5	522.5	577.5	1	760	2	-
1.5KE56A	DO-201AE	Unidirectional	1500	47.8	5	53.2	58.8	1	77	19.7	-
1.5KE56CA	DO-201AE	Bidirectional	1500	47.8	5	53.2	58.8	1	77	19.7	-
1.5KE6.8A	DO-201AE	Unidirectional	1500	5.8	1000	6.45	7.14	10	10.5	144.8	-
1.5KE6.8CA	DO-201AE	Bidirectional	1500	5.8	1000	6.45	7.14	10	10.5	144.8	-
1.5KE62A	DO-201AE	Unidirectional	1500	53	5	58.9	65.1	1	85	17.9	-
1.5KE62CA	DO-201AE	Bidirectional	1500	53	5	58.9	65.1	1	85	17.9	-
1.5KE68A	DO-201AE	Unidirectional	1500	58.1	5	64.6	71.4	1	92	16.5	-
1.5KE68CA	DO-201AE	Bidirectional	1500	58.1	5	64.6	71.4	1	92	16.5	-
1.5KE7.5A	DO-201AE	Unidirectional	1500	6.4	500	7.13	7.88	10	11.3	134.5	-
1.5KE7.5CA	DO-201AE	Bidirectional	1500	6.4	500	7.13	7.88	10	11.3	134.5	-
1.5KE75A	DO-201AE	Unidirectional	1500	64.1	5	71.3	78.8	1	103	14.8	-
1.5KE75CA	DO-201AE	Bidirectional	1500	64.1	5	71.3	78.8	1	103	14.8	-
1.5KE8.2A	DO-201AE	Unidirectional	1500	7.02	200	7.79	8.61	10	12.1	125.6	-
1.5KE8.2CA	DO-201AE	Bidirectional	1500	7.02	200	7.79	8.61	10	12.1	125.6	-
1.5KE82A	DO-201AE	Unidirectional	1500	70.1	5	77.9	86.1	1	113	13.5	-
1.5KE82CA	DO-201AE	Bidirectional	1500	70.1	5	77.9	86.1	1	113	13.5	-
1.5KE9.1A	DO-201AE	Unidirectional	1500	7.78	50	8.65	9.5	1	13.4	113.4	-
1.5KE9.1CA	DO-201AE	Bidirectional	1500	7.78	50	8.65	9.5	1	13.4	113.4	-
1.5KE91A	DO-201AE	Unidirectional	1500	77.8	5	86.5	95.5	1	125	12.2	-
1.5KE91CA	DO-201AE	Bidirectional	1500	77.8	5	86.5	95.5	1	125	12.2	-
LCE10A	DO-201AE	Unidirectional	1500	10	5	11.1	12.3	1	17	88	-
LCE11A	DO-201AE	Unidirectional	1500	11	5	12.2	13.5	1	18.2	82	-
LCE12A	DO-201AE	Unidirectional	1500	12	5	13.3	14.7	1	19.9	75	-
LCE13A	DO-201AE	Unidirectional	1500	13	5	14.4	15.9	1	21.5	70	-
LCE14A	DO-201AE	Unidirectional	1500	14	5	15.6	17.2	1	23.2	65	-
LCE15A	DO-201AE	Unidirectional	1500	15	5	16.7	18.5	1	24.4	61	-
LCE16A	DO-201AE	Unidirectional	1500	16	5	17.8	19.7	1	26	57	-
LCE17A	DO-201AE	Unidirectional	1500	17	5	18.9	20.9	1	27.6	54	-
LCE18A	DO-201AE	Unidirectional	1500	18	5	20	22.1	1	29.2	51	-
LCE20A	DO-201AE	Unidirectional	1500	20	5	22.2	24.5	1	32.4	46	-
LCE22A	DO-201AE	Unidirectional	1500	22	5	24.4	26.9	1	35.5	42	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
LCE24A	DO-201AE	Unidirectional	1500	24	5	26.7	29.5	1	38.9	39	-
LCE26A	DO-201AE	Unidirectional	1500	26	5	28.9	31.9	1	42.1	36	-
LCE28A	DO-201AE	Unidirectional	1500	28	5	31.3	34.4	1	45.5	33	-
LCE6.5A	DO-201AE	Unidirectional	1500	6.5	1000	7.22	7.98	10	11.2	100	-
LCE7.0A	DO-201AE	Unidirectional	1500	7	500	7.78	8.6	10	12	100	-
LCE7.5A	DO-201AE	Unidirectional	1500	7.5	250	8.33	9.21	10	12.9	100	-
LCE8.0A	DO-201AE	Unidirectional	1500	8	100	8.89	9.83	1	13.6	100	-
LCE8.5A	DO-201AE	Unidirectional	1500	8.5	50	9.44	10.44	1	14.4	100	-
LCE9.0A	DO-201AE	Unidirectional	1500	9	10	10	11	1	15.4	97	-
SM5S10A	DO-218AB	Unidirectional	3600	10	15	11.1	12.3	5	17	212	-
SM5S11A	DO-218AB	Unidirectional	3600	11	10	12.2	13.5	5	18.2	198	-
SM5S12A	DO-218AB	Unidirectional	3600	12	10	13.3	14.7	5	19.9	181	-
SM5S13A	DO-218AB	Unidirectional	3600	13	10	14.4	15.9	5	21.5	167	-
SM5S14A	DO-218AB	Unidirectional	3600	14	10	15.6	17.2	5	23.2	155	-
SM5S15A	DO-218AB	Unidirectional	3600	15	10	16.7	18.5	5	24.4	148	-
SM5S16A	DO-218AB	Unidirectional	3600	16	10	17.8	19.7	5	26	138	-
SM5S17A	DO-218AB	Unidirectional	3600	17	10	18.9	20.9	5	27.6	130	-
SM5S18A	DO-218AB	Unidirectional	3600	18	10	20	22.1	5	29.2	123	-
SM5S20A	DO-218AB	Unidirectional	3600	20	10	22.2	24.5	5	32.4	111	-
SM5S22A	DO-218AB	Unidirectional	3600	22	10	24.4	26.9	5	35.5	101	-
SM5S24A	DO-218AB	Unidirectional	3600	24	10	26.7	29.5	5	38.9	93	-
SM5S26A	DO-218AB	Unidirectional	3600	26	10	28.9	31.9	5	42.1	86	-
SM5S28A	DO-218AB	Unidirectional	3600	28	10	31.1	34.4	5	45.4	79	-
SM5S30A	DO-218AB	Unidirectional	3600	30	10	33.3	36.8	5	48.4	74	-
SM5S33A	DO-218AB	Unidirectional	3600	33	10	36.7	40.6	5	53.3	68	-
SM5S36A	DO-218AB	Unidirectional	3600	36	10	40	44.2	5	58.1	62	-
SM5S40A	DO-218AB	Unidirectional	3600	40	10	44.4	49.1	5	64.5	56	-
SM5S43A	DO-218AB	Unidirectional	3600	43	10	47.8	52.8	5	69.4	52	-
SM6S10A	DO-218AB	Unidirectional	4600	10	15	11.1	12.3	5	17	271	-
SM6S11A	DO-218AB	Unidirectional	4600	11	10	12.2	13.5	5	18.2	253	-
SM6S12A	DO-218AB	Unidirectional	4600	12	10	13.3	14.7	5	19.9	231	-
SM6S13A	DO-218AB	Unidirectional	4600	13	10	14.4	15.9	5	21.5	214	-
SM6S14A	DO-218AB	Unidirectional	4600	14	10	15.6	17.2	5	23.2	198	-
SM6S15A	DO-218AB	Unidirectional	4600	15	10	16.7	18.5	5	24.4	189	-
SM6S16A	DO-218AB	Unidirectional	4600	16	10	17.8	19.7	5	26	177	-
SM6S17A	DO-218AB	Unidirectional	4600	17	10	18.9	20.9	5	27.6	167	-
SM6S18A	DO-218AB	Unidirectional	4600	18	10	20	22.1	5	29.2	158	-
SM6S20A	DO-218AB	Unidirectional	4600	20	10	22.2	24.5	5	32.4	142	-
SM6S22A	DO-218AB	Unidirectional	4600	22	10	24.4	26.9	5	35.5	130	-
SM6S24A	DO-218AB	Unidirectional	4600	24	10	26.7	29.5	5	38.9	118	-
SM6S26A	DO-218AB	Unidirectional	4600	26	10	28.9	31.9	5	42.1	109	-
SM6S28A	DO-218AB	Unidirectional	4600	28	10	31.1	34.4	5	45.4	101	-
SM6S30A	DO-218AB	Unidirectional	4600	30	10	33.3	36.8	5	48.4	95	-
SM6S33A	DO-218AB	Unidirectional	4600	33	10	36.7	40.6	5	53.3	86	-
SM6S36A	DO-218AB	Unidirectional	4600	36	10	40	44.2	5	58.1	79	-
SM6S40A	DO-218AB	Unidirectional	4600	40	10	44.4	49.1	5	64.5	71	-
SM6S43A	DO-218AB	Unidirectional	4600	43	10	47.8	52.8	5	69.4	66	-
SM8S10A	DO-218AB	Unidirectional	6600	10	15	11.1	12.3	5	17	388	-
SM8S11A	DO-218AB	Unidirectional	6600	11	10	12.2	13.5	5	18.2	363	-
SM8S12A	DO-218AB	Unidirectional	6600	12	10	13.3	14.7	5	19.9	332	-
SM8S13A	DO-218AB	Unidirectional	6600	13	10	14.4	15.9	5	21.5	307	-
SM8S14A	DO-218AB	Unidirectional	6600	14	10	15.6	17.2	5	23.2	284	-
SM8S15A	DO-218AB	Unidirectional	6600	15	10	16.7	18.5	5	24.4	270	-
SM8S16A	DO-218AB	Unidirectional	6600	16	10	17.8	19.7	5	26	254	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SM8S17A	DO-218AB	Unidirectional	6600	17	10	18.9	20.9	5	27.6	239	-
SM8S18A	DO-218AB	Unidirectional	6600	18	10	20	22.1	5	29.2	226	-
SM8S20A	DO-218AB	Unidirectional	6600	20	10	22.2	24.5	5	32.4	204	-
SM8S22A	DO-218AB	Unidirectional	6600	22	10	24.4	26.9	5	35.5	186	-
SM8S24A	DO-218AB	Unidirectional	6600	24	10	26.7	29.5	5	38.9	170	-
SM8S26A	DO-218AB	Unidirectional	6600	26	10	28.9	31.9	5	42.1	157	-
SM8S28A	DO-218AB	Unidirectional	6600	28	10	31.1	34.4	5	45.4	145	-
SM8S30A	DO-218AB	Unidirectional	6600	30	10	33.3	36.8	5	48.4	136	-
SM8S33A	DO-218AB	Unidirectional	6600	33	10	36.7	40.6	5	53.3	124	-
SM8S36A	DO-218AB	Unidirectional	6600	36	10	40	44.2	5	58.1	114	-
SM8S40A	DO-218AB	Unidirectional	6600	40	10	44.4	49.1	5	64.5	102	-
SM8S43A	DO-218AB	Unidirectional	6600	43	10	47.8	52.8	5	69.4	95.1	-
SM8S14CA	DO-218AB	Bidirectional	6600	14	10	15.6	17.2	5	23.2	284	-
SM8S15CA	DO-218AB	Bidirectional	6600	15	10	16.7	18.5	5	24.4	270	-
SM8S16CA	DO-218AB	Bidirectional	6600	16	10	17.8	19.7	5	26	254	-
SM8S17CA	DO-218AB	Bidirectional	6600	17	10	18.9	20.9	5	27.6	239	-
SM8S18CA	DO-218AB	Bidirectional	6600	18	10	20	22.1	5	29.2	226	-
SM8S20CA	DO-218AB	Bidirectional	6600	20	10	22.2	24.5	5	32.4	204	-
SM8S22CA	DO-218AB	Bidirectional	6600	22	10	24.4	26.9	5	35.5	186	-
SM8S24CA	DO-218AB	Bidirectional	6600	24	10	26.7	29.5	5	38.9	170	-
SM8S26CA	DO-218AB	Bidirectional	6600	26	10	28.9	31.9	5	42.1	157	-
SM8S28CA	DO-218AB	Bidirectional	6600	28	10	31.1	34.4	5	45.4	145	-
SM8S30CA	DO-218AB	Bidirectional	6600	30	10	33.3	36.8	5	48.4	136	-
SM8S33CA	DO-218AB	Bidirectional	6600	33	10	36.7	40.6	5	53.3	124	-
SM8S36CA	DO-218AB	Bidirectional	6600	36	10	40	44.2	5	58.1	114	-
SM8S40CA	DO-218AB	Bidirectional	6600	40	10	44.4	49.1	5	64.5	102	-
SM8S43CA	DO-218AB	Bidirectional	6600	43	10	47.8	52.8	5	69.4	95.1	-
SMA6F12A	DO-221AC	Unidirectional	600	12	5	13.3	14.7	1	18.5	31	SUJ
SMA6F13A	DO-221AC	Unidirectional	600	13	5	14.4	15.9	1	20.4	29	SUG
SMA6F5.0A	DO-221AC	Unidirectional	600	5	800	6.4	7.07	10	9.2	68	SUA
P4KE100A	DO-41	Unidirectional	400	85.5	1	95	105	1	137	3.1	-
P4KE100CA	DO-41	Bidirectional	400	85.5	1	95	105	1	137	3.1	-
P4KE10A	DO-41	Unidirectional	400	8.55	10	9.5	10.5	1	14.5	28.3	-
P4KE10CA	DO-41	Bidirectional	400	8.55	10	9.5	10.5	1	14.5	28.3	-
P4KE110A	DO-41	Unidirectional	400	94	1	105	116	1	152	2.8	-
P4KE110CA	DO-41	Bidirectional	400	94	1	105	116	1	152	2.8	-
P4KE11A	DO-41	Unidirectional	400	9.4	5	10.5	11.6	1	15.6	26.3	-
P4KE11CA	DO-41	Bidirectional	400	9.4	5	10.5	11.6	1	15.6	26.3	-
P4KE120A	DO-41	Unidirectional	400	102	1	114	126	1	165	2.5	-
P4KE120CA	DO-41	Bidirectional	400	102	1	114	126	1	165	2.5	-
P4KE12A	DO-41	Unidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	-
P4KE12CA	DO-41	Bidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	-
P4KE130A	DO-41	Unidirectional	400	111	1	124	137	1	179	2.3	-
P4KE130CA	DO-41	Bidirectional	400	111	1	124	137	1	179	2.3	-
P4KE13A	DO-41	Unidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	-
P4KE13CA	DO-41	Bidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	-
P4KE150A	DO-41	Unidirectional	400	128	1	143	158	1	207	2	-
P4KE150CA	DO-41	Bidirectional	400	128	1	143	158	1	207	2	-
P4KE15A	DO-41	Unidirectional	400	12.8	1	14.3	15.8	1	21.2	20	-
P4KE15CA	DO-41	Bidirectional	400	12.8	1	14.3	15.8	1	21.2	20	-
P4KE160A	DO-41	Unidirectional	400	136	1	152	168	1	219	1.9	-
P4KE160CA	DO-41	Bidirectional	400	136	1	152	168	1	219	1.9	-
P4KE16A	DO-41	Unidirectional	400	13.6	1	15.2	16.8	1	22.5	19	-
P4KE16CA	DO-41	Bidirectional	400	13.6	1	15.2	16.8	1	22.5	19	-



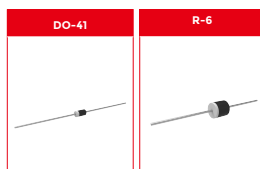
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P4KE170A	DO-41	Unidirectional	400	145	1	162	179	1	234	1.8	-
P4KE170CA	DO-41	Bidirectional	400	145	1	162	179	1	234	1.8	-
P4KE180A	DO-41	Unidirectional	400	154	1	171	189	1	246	1.7	-
P4KE180CA	DO-41	Bidirectional	400	154	1	171	189	1	246	1.7	-
P4KE18A	DO-41	Unidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	-
P4KE18CA	DO-41	Bidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	-
P4KE200A	DO-41	Unidirectional	400	171	1	190	210	1	274	1.53	-
P4KE200CA	DO-41	Bidirectional	400	171	1	190	210	1	274	1.53	-
P4KE20A	DO-41	Unidirectional	400	17.1	1	19	21	1	27.7	15	-
P4KE20CA	DO-41	Bidirectional	400	17.1	1	19	21	1	27.7	15	-
P4KE220A	DO-41	Unidirectional	400	185	1	209	231	1	328	1.22	-
P4KE220CA	DO-41	Bidirectional	400	185	1	209	231	1	328	1.22	-
P4KE22A	DO-41	Unidirectional	400	18.8	1	20.9	23.1	1	30.6	14	-
P4KE22CA	DO-41	Bidirectional	400	18.8	1	20.9	23.1	1	30.6	14	-
P4KE24A	DO-41	Unidirectional	400	20.5	1	22.8	25.2	1	33.2	13	-
P4KE24CA	DO-41	Bidirectional	400	20.5	1	22.8	25.2	1	33.2	13	-
P4KE250A	DO-41	Unidirectional	400	214	1	237	263	1	344	1.16	-
P4KE250CA	DO-41	Bidirectional	400	214	1	237	263	1	344	1.16	-
P4KE27A	DO-41	Unidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	-
P4KE27CA	DO-41	Bidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	-
P4KE300A	DO-41	Unidirectional	400	256	1	285	315	1	414	0.97	-
P4KE300CA	DO-41	Bidirectional	400	256	1	285	315	1	414	0.97	-
P4KE30A	DO-41	Unidirectional	400	25.6	1	28.5	31.5	1	41.4	10	-
P4KE30CA	DO-41	Bidirectional	400	25.6	1	28.5	31.5	1	41.4	10	-
P4KE33A	DO-41	Unidirectional	400	28.2	1	31.4	34.7	1	45.7	9	-
P4KE33CA	DO-41	Bidirectional	400	28.2	1	31.4	34.7	1	45.7	9	-
P4KE350A	DO-41	Unidirectional	400	300	1	333	368	1	482	0.83	-
P4KE350CA	DO-41	Bidirectional	400	300	1	333	368	1	482	0.83	-
P4KE36A	DO-41	Unidirectional	400	30.8	1	34.2	37.8	1	49.9	8.4	-
P4KE36CA	DO-41	Bidirectional	400	30.8	1	34.2	37.8	1	49.9	8.4	-
P4KE39A	DO-41	Unidirectional	400	33.3	1	37.1	41	1	53.9	7.8	-
P4KE39CA	DO-41	Bidirectional	400	33.3	1	37.1	41	1	53.9	7.8	-
P4KE400A	DO-41	Unidirectional	400	342	1	380	420	1	548	0.73	-
P4KE400CA	DO-41	Bidirectional	400	342	1	380	420	1	548	0.73	-
P4KE43A	DO-41	Unidirectional	400	36.8	1	40.9	45.2	1	59.3	7.1	-
P4KE43CA	DO-41	Bidirectional	400	36.8	1	40.9	45.2	1	59.3	7.1	-
P4KE440A	DO-41	Unidirectional	400	376	1	418	462	1	602	0.68	-
P4KE440CA	DO-41	Bidirectional	400	376	1	418	462	1	602	0.68	-
P4KE47A	DO-41	Unidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	-
P4KE47CA	DO-41	Bidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	-
P4KE480A	DO-41	Unidirectional	400	408	1	456	504	1	658	0.61	-
P4KE480CA	DO-41	Bidirectional	400	408	1	456	504	1	658	0.61	-
P4KE510A	DO-41	Unidirectional	400	434	1	485	535	1	698	0.57	-
P4KE510CA	DO-41	Bidirectional	400	434	1	485	535	1	698	0.57	-
P4KE51A	DO-41	Unidirectional	400	43.6	1	48.5	53.6	1	70.1	6	-
P4KE51CA	DO-41	Bidirectional	400	43.6	1	48.5	53.6	1	70.1	6	-
P4KE530A	DO-41	Unidirectional	400	477	1	503.5	556.5	1	725	0.55	-
P4KE530CA	DO-41	Bidirectional	400	477	1	503.5	556.5	1	725	0.55	-
P4KE540A	DO-41	Unidirectional	400	459	1	513	567	1	740	0.54	-
P4KE540CA	DO-41	Bidirectional	400	459	1	513	567	1	740	0.54	-
P4KE550A	DO-41	Unidirectional	400	495	1	522.5	577.5	1	760	0.52	-
P4KE550CA	DO-41	Bidirectional	400	495	1	522.5	577.5	1	760	0.52	-
P4KE56A	DO-41	Unidirectional	400	47.8	1	53.2	58.8	1	77	5.5	-
P4KE56CA	DO-41	Bidirectional	400	47.8	1	53.2	58.8	1	77	5.5	-



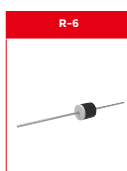
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
P4KE6.8A	DO-41	Unidirectional	400	5.8	1000	6.45	7.14	10	10.5	39	-
P4KE6.8CA	DO-41	Bidirectional	400	5.8	1000	6.45	7.14	10	10.5	39	-
P4KE62A	DO-41	Unidirectional	400	53	1	58.9	65.1	1	85	5	-
P4KE62CA	DO-41	Bidirectional	400	53	1	58.9	65.1	1	85	5	-
P4KE68A	DO-41	Unidirectional	400	58.1	1	64.6	71.4	1	92	4.6	-
P4KE68CA	DO-41	Bidirectional	400	58.1	1	64.6	71.4	1	92	4.6	-
P4KE7.5A	DO-41	Unidirectional	400	6.4	1	7.13	7.88	10	11.3	36.3	-
P4KE7.5CA	DO-41	Bidirectional	400	6.4	1	7.13	7.88	10	11.3	36.3	-
P4KE75A	DO-41	Unidirectional	400	64.1	1	71.3	78.8	1	103	4.1	-
P4KE75CA	DO-41	Bidirectional	400	64.1	1	71.3	78.8	1	103	4.1	-
P4KE8.2A	DO-41	Unidirectional	400	7.02	200	7.79	8.61	10	12.1	33.9	-
P4KE8.2CA	DO-41	Bidirectional	400	7.02	200	7.79	8.61	10	12.1	33.9	-
P4KE82A	DO-41	Unidirectional	400	70.1	1	77.9	86.1	1	113	3.7	-
P4KE82CA	DO-41	Bidirectional	400	70.1	1	77.9	86.1	1	113	3.7	-
P4KE9.1A	DO-41	Unidirectional	400	7.78	50	8.65	9.55	1	13.4	30.6	-
P4KE9.1CA	DO-41	Bidirectional	400	7.78	50	8.65	9.55	1	13.4	30.6	-
P4KE91A	DO-41	Unidirectional	400	77.8	1	86.5	95.5	1	125	3.4	-
P4KE91CA	DO-41	Bidirectional	400	77.8	1	86.5	95.5	1	125	3.4	-
15KP100A	R-6	Unidirectional	15000	100	10	111	122.3	5	162	93	-
15KP100CA	R-6	Bidirectional	15000	100	10	111	122.3	5	162	93	-
15KP110A	R-6	Unidirectional	15000	110	10	122	134.5	5	178	84	-
15KP110CA	R-6	Bidirectional	15000	110	10	122	134.5	5	178	84	-
15KP120A	R-6	Unidirectional	15000	120	10	133	146.8	5	193	78	-
15KP120CA	R-6	Bidirectional	15000	120	10	133	146.8	5	193	78	-
15KP130A	R-6	Unidirectional	15000	130	10	144	159	5	209	72	-
15KP130CA	R-6	Bidirectional	15000	130	10	144	159	5	209	72	-
15KP150A	R-6	Unidirectional	15000	150	10	167	183.5	5	243	62	-
15KP150CA	R-6	Bidirectional	15000	150	10	167	183.5	5	243	62	-
15KP160A	R-6	Unidirectional	15000	160	10	178	195.7	5	259	58	-
15KP160CA	R-6	Bidirectional	15000	160	10	178	195.7	5	259	58	-
15KP170A	R-6	Unidirectional	15000	170	10	189	207.9	5	275	55	-
15KP170CA	R-6	Bidirectional	15000	170	10	189	207.9	5	275	55	-
15KP17A	R-6	Unidirectional	15000	17	5000	18.9	20.79	50	29.3	512	-
15KP17CA	R-6	Bidirectional	15000	17	5000	18.9	20.79	50	29.3	512	-
15KP180A	R-6	Unidirectional	15000	180	10	200	220.1	5	291	52	-
15KP180CA	R-6	Bidirectional	15000	180	10	200	220.1	5	291	52	-
15KP18A	R-6	Unidirectional	15000	18	5000	20	22.01	50	30.9	485	-
15KP18CA	R-6	Bidirectional	15000	18	5000	20	22.01	50	30.9	485	-
15KP200A	R-6	Unidirectional	15000	200	10	222	244.6	5	322	47	-
15KP200CA	R-6	Bidirectional	15000	200	10	222	244.6	5	322	47	-
15KP20A	R-6	Unidirectional	15000	20	1500	22.2	24.46	20	34.3	437	-
15KP20CA	R-6	Bidirectional	15000	20	1500	22.2	24.46	20	34.3	437	-
15KP220A	R-6	Unidirectional	15000	220	10	245	269.1	5	356	42	-
15KP220CA	R-6	Bidirectional	15000	220	10	245	269.1	5	356	42	-
15KP22A	R-6	Unidirectional	15000	22	500	24.4	26.91	10	37.1	404	-
15KP22CA	R-6	Bidirectional	15000	22	500	24.4	26.91	10	37.1	404	-
15KP240A	R-6	Unidirectional	15000	240	10	267	293.5	5	388	39	-
15KP240CA	R-6	Bidirectional	15000	240	10	267	293.5	5	388	39	-
15KP24A	R-6	Unidirectional	15000	24	150	26.7	29.35	5	40.5	369	-
15KP24CA	R-6	Bidirectional	15000	24	150	26.7	29.35	5	40.5	369	-
15KP260A	R-6	Unidirectional	15000	260	10	289	318	5	419	36	-
15KP260CA	R-6	Bidirectional	15000	260	10	289	318	5	419	36	-
15KP26A	R-6	Unidirectional	15000	26	50	28.9	31.8	5	44	347	-
15KP26CA	R-6	Bidirectional	15000	26	50	28.9	31.8	5	44	347	-



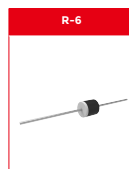
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
15KP280A	R-6	Unidirectional	15000	280	10	311	342.4	5	452	33	-
15KP280CA	R-6	Bidirectional	15000	280	10	311	342.4	5	452	33	-
15KP28A	R-6	Unidirectional	15000	28	25	31.1	34.24	5	47.5	316	-
15KP28CA	R-6	Bidirectional	15000	28	25	31.1	34.24	5	47.5	316	-
15KP30A	R-6	Unidirectional	15000	30	15	33.3	36.69	5	50.7	296	-
15KP30CA	R-6	Bidirectional	15000	30	15	33.3	36.69	5	50.7	296	-
15KP33A	R-6	Unidirectional	15000	33	10	36.7	40.4	5	54.8	274	-
15KP33CA	R-6	Bidirectional	15000	33	10	36.7	40.4	5	54.8	274	-
15KP36A	R-6	Unidirectional	15000	36	10	40	44	5	59.7	251	-
15KP36CA	R-6	Bidirectional	15000	36	10	40	44	5	59.7	251	-
15KP40A	R-6	Unidirectional	15000	40	10	44.4	48.9	5	65.8	228	-
15KP40CA	R-6	Bidirectional	15000	40	10	44.4	48.9	5	65.8	228	-
15KP43A	R-6	Unidirectional	15000	43	10	47.8	52.6	5	69.7	215	-
15KP43CA	R-6	Bidirectional	15000	43	10	47.8	52.6	5	69.7	215	-
15KP45A	R-6	Unidirectional	15000	45	10	50	55	5	73	205	-
15KP45CA	R-6	Bidirectional	15000	45	10	50	55	5	73	205	-
15KP48A	R-6	Unidirectional	15000	48	10	53.3	58.7	5	77.7	193	-
15KP48CA	R-6	Bidirectional	15000	48	10	53.3	58.7	5	77.7	193	-
15KP51A	R-6	Unidirectional	15000	51	10	56.7	62.4	5	82.8	181	-
15KP51CA	R-6	Bidirectional	15000	51	10	56.7	62.4	5	82.8	181	-
15KP54A	R-6	Unidirectional	15000	54	10	60	66	5	87.5	171	-
15KP54CA	R-6	Bidirectional	15000	54	10	60	66	5	87.5	171	-
15KP58A	R-6	Unidirectional	15000	58	10	64.4	70.9	5	94	160	-
15KP58CA	R-6	Bidirectional	15000	58	10	64.4	70.9	5	94	160	-
15KP60A	R-6	Unidirectional	15000	60	10	66.7	73.4	5	97.3	154	-
15KP60CA	R-6	Bidirectional	15000	60	10	66.7	73.4	5	97.3	154	-
15KP64A	R-6	Unidirectional	15000	64	10	71.1	78.3	5	104	144	-
15KP64CA	R-6	Bidirectional	15000	64	10	71.1	78.3	5	104	144	-
15KP70A	R-6	Unidirectional	15000	70	10	77.8	85.6	5	114	132	-
15KP70CA	R-6	Bidirectional	15000	70	10	77.8	85.6	5	114	132	-
15KP75A	R-6	Unidirectional	15000	75	10	83.3	91.7	5	122	123	-
15KP75CA	R-6	Bidirectional	15000	75	10	83.3	91.7	5	122	123	-
15KP78A	R-6	Unidirectional	15000	78	10	86.7	95.4	5	126	119	-
15KP78CA	R-6	Bidirectional	15000	78	10	86.7	95.4	5	126	119	-
15KP85A	R-6	Unidirectional	15000	85	10	94.4	104	5	137	109	-
15KP85CA	R-6	Bidirectional	15000	85	10	94.4	104	5	137	109	-
15KP90A	R-6	Unidirectional	15000	90	10	100	110.1	5	146	103	-
15KP90CA	R-6	Bidirectional	15000	90	10	100	110.1	5	146	103	-
30KP102A	R-6	Unidirectional	30000	102	10	113.9	124.7	5	165.6	183	-
30KP102CA	R-6	Bidirectional	30000	102	10	113.9	124.7	5	165.6	183	-
30KP108A	R-6	Unidirectional	30000	108	10	120.6	132.1	5	175.2	172.9	-
30KP108CA	R-6	Bidirectional	30000	108	10	120.6	132.1	5	175.2	172.9	-
30KP120A	R-6	Unidirectional	30000	120	10	134	146.8	5	194.4	155.9	-
30KP120CA	R-6	Bidirectional	30000	120	10	134	146.8	5	194.4	155.9	-
30KP132A	R-6	Unidirectional	30000	132	10	147.4	161.4	5	213	142.3	-
30KP132CA	R-6	Bidirectional	30000	132	10	147.4	161.4	5	213	142.3	-
30KP144A	R-6	Unidirectional	30000	144	10	160.8	176.1	5	223.2	135.8	-
30KP144CA	R-6	Bidirectional	30000	144	10	160.8	176.1	5	223.2	135.8	-
30KP150A	R-6	Unidirectional	30000	150	10	167.6	183.5	5	233.4	129.8	-
30KP150CA	R-6	Bidirectional	30000	150	10	167.6	183.5	5	233.4	129.8	-
30KP156A	R-6	Unidirectional	30000	156	10	174.3	190.8	5	245	123.7	-
30KP156CA	R-6	Bidirectional	30000	156	10	174.3	190.8	5	245	123.7	-
30KP160A	R-6	Unidirectional	30000	160	10	178.7	195.7	5	252.6	120	-
30KP160CA	R-6	Bidirectional	30000	160	10	178.7	195.7	5	252.6	120	-



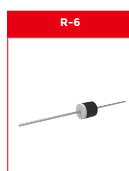
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
30KP168A	R-6	Unidirectional	30000	168	10	187.7	205.5	5	272.4	111.2	-
30KP168CA	R-6	Bidirectional	30000	168	10	187.7	205.5	5	272.4	111.2	-
30KP170A	R-6	Unidirectional	30000	170	10	189.9	207.9	5	275	110.2	-
30KP170CA	R-6	Bidirectional	30000	170	10	189.9	207.9	5	275	110.2	-
30KP180A	R-6	Unidirectional	30000	180	10	201.1	220.1	5	290.4	104.3	-
30KP180CA	R-6	Bidirectional	30000	180	10	201.1	220.1	5	290.4	104.3	-
30KP198A	R-6	Unidirectional	30000	198	10	221.2	242.2	5	319.8	94.7	-
30KP198CA	R-6	Bidirectional	30000	198	10	221.2	242.2	5	319.8	94.7	-
30KP216A	R-6	Unidirectional	30000	216	10	241.3	264.2	5	348.6	86.9	-
30KP216CA	R-6	Bidirectional	30000	216	10	241.3	264.2	5	348.6	86.9	-
30KP240A	R-6	Unidirectional	30000	240	10	268.1	293.5	5	387	78.3	-
30KP240CA	R-6	Bidirectional	30000	240	10	268.1	293.5	5	387	78.3	-
30KP258A	R-6	Unidirectional	30000	258	10	288.2	315.5	5	416.4	72.8	-
30KP258CA	R-6	Bidirectional	30000	258	10	288.2	315.5	5	416.4	72.8	-
30KP260A	R-6	Unidirectional	30000	260	10	290.4	318	5	416	72.8	-
30KP260CA	R-6	Bidirectional	30000	260	10	290.4	318	5	416	72.8	-
30KP270A	R-6	Unidirectional	30000	270	10	301.6	330.2	5	436.2	69.5	-
30KP270CA	R-6	Bidirectional	30000	270	10	301.6	330.2	5	436.2	69.5	-
30KP280A	R-6	Unidirectional	30000	280	10	312.8	342.4	5	464	65.3	-
30KP280CA	R-6	Bidirectional	30000	280	10	312.8	342.4	5	464	65.3	-
30KP288A	R-6	Unidirectional	30000	288	10	321.7	352.2	5	469.9	64.5	-
30KP288CA	R-6	Bidirectional	30000	288	10	321.7	352.2	5	469.9	64.5	-
30KP28A	R-6	Unidirectional	30000	28	5000	31.28	34.24	50	50	606	-
30KP28CA	R-6	Bidirectional	30000	28	5000	31.28	34.24	50	50	606	-
30KP30A	R-6	Unidirectional	30000	30	5000	33.51	36.69	50	55.2	548.9	-
30KP30CA	R-6	Bidirectional	30000	30	5000	33.51	36.69	50	55.2	548.9	-
30KP33A	R-6	Unidirectional	30000	33	5000	36.9	40.4	50	58.5	517.9	-
30KP33CA	R-6	Bidirectional	30000	33	5000	36.9	40.4	50	58.5	517.9	-
30KP36A	R-6	Unidirectional	30000	36	5000	40.2	44	50	61.8	490.3	-
30KP36CA	R-6	Bidirectional	30000	36	5000	40.2	44	50	61.8	490.3	-
30KP39A	R-6	Unidirectional	30000	39	2000	43.6	47.7	20	67.2	450.9	-
30KP39CA	R-6	Bidirectional	30000	39	2000	43.6	47.7	20	67.2	450.9	-
30KP42A	R-6	Unidirectional	30000	42	1000	46.9	51.4	10	72	420.8	-
30KP42CA	R-6	Bidirectional	30000	42	1000	46.9	51.4	10	72	420.8	-
30KP43A	R-6	Unidirectional	30000	43	1000	48	52.6	10	73	415.1	-
30KP43CA	R-6	Bidirectional	30000	43	1000	48	52.6	10	73	415.1	-
30KP45A	R-6	Unidirectional	30000	45	250	50.3	55	5	77.4	391.5	-
30KP45CA	R-6	Bidirectional	30000	45	250	50.3	55	5	77.4	391.5	-
30KP48A	R-6	Unidirectional	30000	48	150	53.6	58.7	5	81.6	371.3	-
30KP48CA	R-6	Bidirectional	30000	48	150	53.6	58.7	5	81.6	371.3	-
30KP51A	R-6	Unidirectional	30000	51	50	57	62.4	5	86.4	350.7	-
30KP51CA	R-6	Bidirectional	30000	51	50	57	62.4	5	86.4	350.7	-
30KP54A	R-6	Unidirectional	30000	54	20	60.3	66	5	91.4	331.5	-
30KP54CA	R-6	Bidirectional	30000	54	20	60.3	66	5	91.4	331.5	-
30KP58A	R-6	Unidirectional	30000	58	20	64.8	70.9	5	92.4	327.9	-
30KP58CA	R-6	Bidirectional	30000	58	20	64.8	70.9	5	92.4	327.9	-
30KP60A	R-6	Unidirectional	30000	60	15	67	73.4	5	102	297.1	-
30KP60CA	R-6	Bidirectional	30000	60	15	67	73.4	5	102	297.1	-
30KP64A	R-6	Unidirectional	30000	64	10	71.5	78.3	5	104	291.3	-
30KP64CA	R-6	Bidirectional	30000	64	10	71.5	78.3	5	104	291.3	-
30KP66A	R-6	Unidirectional	30000	66	10	73.7	80.7	5	107	283.2	-
30KP66CA	R-6	Bidirectional	30000	66	10	73.7	80.7	5	107	283.2	-
30KP70A	R-6	Unidirectional	30000	70	10	78.2	85.6	5	109	278	-
30KP70CA	R-6	Bidirectional	30000	70	10	78.2	85.6	5	109	278	-



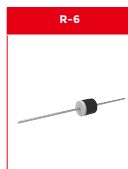
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
30KP71A	R-6	Unidirectional	30000	71	10	79.3	86.8	5	111.5	271.7	-
30KP71CA	R-6	Bidirectional	30000	71	10	79.3	86.8	5	111.5	271.7	-
30KP72A	R-6	Unidirectional	30000	72	10	80.4	88.1	5	114	265.8	-
30KP72CA	R-6	Bidirectional	30000	72	10	80.4	88.1	5	114	265.8	-
30KP75A	R-6	Unidirectional	30000	75	10	83.8	91.7	5	119.4	253.8	-
30KP75CA	R-6	Bidirectional	30000	75	10	83.8	91.7	5	119.4	253.8	-
30KP78A	R-6	Unidirectional	30000	78	10	87.1	95.4	5	129	234.9	-
30KP78CA	R-6	Bidirectional	30000	78	10	87.1	95.4	5	129	234.9	-
30KP84A	R-6	Unidirectional	30000	84	10	93.8	102.7	5	139.2	217.7	-
30KP84CA	R-6	Bidirectional	30000	84	10	93.8	102.7	5	139.2	217.7	-
30KP90A	R-6	Unidirectional	30000	90	10	100.5	110.1	5	146.4	207	-
30KP90CA	R-6	Bidirectional	30000	90	10	100.5	110.1	5	146.4	207	-
30KP96A	R-6	Unidirectional	30000	96	10	107.2	117.4	5	156	194.2	-
30KP96CA	R-6	Bidirectional	30000	96	10	107.2	117.4	5	156	194.2	-
3KP100A	R-6	Unidirectional	3000	100	10	111	123	5	162	18.5	-
3KP100CA	R-6	Bidirectional	3000	100	10	111	123	5	162	18.5	-
3KP10A	R-6	Unidirectional	3000	10	15	11.1	12.3	5	17	176.5	-
3KP10CA	R-6	Bidirectional	3000	10	15	11.1	12.3	5	17	176.5	-
3KP110A	R-6	Unidirectional	3000	110	10	122	135	5	177	16.9	-
3KP110CA	R-6	Bidirectional	3000	110	10	122	135	5	177	16.9	-
3KP11A	R-6	Unidirectional	3000	11	10	12.2	13.5	5	18.2	164.8	-
3KP11CA	R-6	Bidirectional	3000	11	10	12.2	13.5	5	18.2	164.8	-
3KP120A	R-6	Unidirectional	3000	120	10	133	147	5	193	15.5	-
3KP120CA	R-6	Bidirectional	3000	120	10	133	147	5	193	15.5	-
3KP12A	R-6	Unidirectional	3000	12	10	13.3	14.7	5	19.9	150.8	-
3KP12CA	R-6	Bidirectional	3000	12	10	13.3	14.7	5	19.9	150.8	-
3KP130A	R-6	Unidirectional	3000	130	10	144	159	5	209	14.4	-
3KP130CA	R-6	Bidirectional	3000	130	10	144	159	5	209	14.4	-
3KP13A	R-6	Unidirectional	3000	13	10	14.4	15.9	5	21.5	139.5	-
3KP13CA	R-6	Bidirectional	3000	13	10	14.4	15.9	5	21.5	139.5	-
3KP14A	R-6	Unidirectional	3000	14	10	15.6	17.2	5	23.2	129.3	-
3KP14CA	R-6	Bidirectional	3000	14	10	15.6	17.2	5	23.2	129.3	-
3KP150A	R-6	Unidirectional	3000	150	10	167	185	5	243	12.3	-
3KP150CA	R-6	Bidirectional	3000	150	10	167	185	5	243	12.3	-
3KP15A	R-6	Unidirectional	3000	15	10	16.7	18.5	5	24.4	123	-
3KP15CA	R-6	Bidirectional	3000	15	10	16.7	18.5	5	24.4	123	-
3KP160A	R-6	Unidirectional	3000	160	10	178	197	5	259	11.6	-
3KP160CA	R-6	Bidirectional	3000	160	10	178	197	5	259	11.6	-
3KP16A	R-6	Unidirectional	3000	16	10	17.8	19.7	5	26	115.4	-
3KP16CA	R-6	Bidirectional	3000	16	10	17.8	19.7	5	26	115.4	-
3KP170A	R-6	Unidirectional	3000	170	10	189	209	5	275	10.9	-
3KP170CA	R-6	Bidirectional	3000	170	10	189	209	5	275	10.9	-
3KP17A	R-6	Unidirectional	3000	17	10	18.9	20.9	5	27.6	108.7	-
3KP17CA	R-6	Bidirectional	3000	17	10	18.9	20.9	5	27.6	108.7	-
3KP180A	R-6	Unidirectional	3000	180	10	200	221	5	289	10.4	-
3KP180CA	R-6	Bidirectional	3000	180	10	200	221	5	289	10.4	-
3KP18A	R-6	Unidirectional	3000	18	10	20	22.1	5	29.2	102.7	-
3KP18CA	R-6	Bidirectional	3000	18	10	20	22.1	5	29.2	102.7	-
3KP190A	R-6	Unidirectional	3000	190	10	211	233	5	310	9.7	-
3KP190CA	R-6	Bidirectional	3000	190	10	211	233	5	310	9.7	-
3KP200A	R-6	Unidirectional	3000	200	10	222	246	5	329.2	9.1	-
3KP200CA	R-6	Bidirectional	3000	200	10	222	246	5	329.2	9.1	-
3KP20A	R-6	Unidirectional	3000	20	10	22.2	24.5	5	32.4	92.6	-
3KP20CA	R-6	Bidirectional	3000	20	10	22.2	24.5	5	32.4	92.6	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
3KP210A	R-6	Unidirectional	3000	210	10	233	258	5	349.5	8.6	-
3KP210CA	R-6	Bidirectional	3000	210	10	233	258	5	349.5	8.6	-
3KP220A	R-6	Unidirectional	3000	220	10	244	270	5	371.1	8.1	-
3KP220CA	R-6	Bidirectional	3000	220	10	244	270	5	371.1	8.1	-
3KP22A	R-6	Unidirectional	3000	22	10	24.4	26.9	5	35.5	84.5	-
3KP22CA	R-6	Bidirectional	3000	22	10	24.4	26.9	5	35.5	84.5	-
3KP24A	R-6	Unidirectional	3000	24	10	26.7	29.5	5	38.9	77.1	-
3KP24CA	R-6	Bidirectional	3000	24	10	26.7	29.5	5	38.9	77.1	-
3KP26A	R-6	Unidirectional	3000	26	10	28.9	31.9	5	42.1	71.3	-
3KP26CA	R-6	Bidirectional	3000	26	10	28.9	31.9	5	42.1	71.3	-
3KP28A	R-6	Unidirectional	3000	28	10	31.1	34.4	5	45.4	66.1	-
3KP28CA	R-6	Bidirectional	3000	28	10	31.1	34.4	5	45.4	66.1	-
3KP30A	R-6	Unidirectional	3000	30	10	33.3	36.8	5	48.4	62	-
3KP30CA	R-6	Bidirectional	3000	30	10	33.3	36.8	5	48.4	62	-
3KP33A	R-6	Unidirectional	3000	33	10	36.7	40.6	5	53.3	56.3	-
3KP33CA	R-6	Bidirectional	3000	33	10	36.7	40.6	5	53.3	56.3	-
3KP36A	R-6	Unidirectional	3000	36	10	40	44.2	5	58.1	51.6	-
3KP36CA	R-6	Bidirectional	3000	36	10	40	44.2	5	58.1	51.6	-
3KP40A	R-6	Unidirectional	3000	40	10	44.4	49.1	5	64.5	46.5	-
3KP40CA	R-6	Bidirectional	3000	40	10	44.4	49.1	5	64.5	46.5	-
3KP43A	R-6	Unidirectional	3000	43	10	47.8	52.8	5	69.4	43.2	-
3KP43CA	R-6	Bidirectional	3000	43	10	47.8	52.8	5	69.4	43.2	-
3KP45A	R-6	Unidirectional	3000	45	10	50	55.3	5	72.7	41.3	-
3KP45CA	R-6	Bidirectional	3000	45	10	50	55.3	5	72.7	41.3	-
3KP48A	R-6	Unidirectional	3000	48	10	53.3	58.9	5	77.4	38.8	-
3KP48CA	R-6	Bidirectional	3000	48	10	53.3	58.9	5	77.4	38.8	-
3KP5.0A	R-6	Unidirectional	3000	5	5000	6.4	7	50	9.2	326.1	-
3KP5.0CA	R-6	Bidirectional	3000	5	5000	6.4	7	50	9.2	326.1	-
3KP51A	R-6	Unidirectional	3000	51	10	56.7	62.7	5	82.4	36.4	-
3KP51CA	R-6	Bidirectional	3000	51	10	56.7	62.7	5	82.4	36.4	-
3KP54A	R-6	Unidirectional	3000	54	10	60	66.3	5	87.1	34.4	-
3KP54CA	R-6	Bidirectional	3000	54	10	60	66.3	5	87.1	34.4	-
3KP58A	R-6	Unidirectional	3000	58	10	64.4	71.2	5	93.6	32.1	-
3KP58CA	R-6	Bidirectional	3000	58	10	64.4	71.2	5	93.6	32.1	-
3KP6.0A	R-6	Unidirectional	3000	6	5000	6.67	7.37	50	10.3	291.3	-
3KP6.0CA	R-6	Bidirectional	3000	6	5000	6.67	7.37	50	10.3	291.3	-
3KP6.5A	R-6	Unidirectional	3000	6.5	2000	7.22	7.98	50	11.2	267.9	-
3KP6.5CA	R-6	Bidirectional	3000	6.5	2000	7.22	7.98	50	11.2	267.9	-
3KP60A	R-6	Unidirectional	3000	60	10	66.7	73.7	5	96.8	31	-
3KP60CA	R-6	Bidirectional	3000	60	10	66.7	73.7	5	96.8	31	-
3KP64A	R-6	Unidirectional	3000	64	10	71.1	78.6	5	103	29.1	-
3KP64CA	R-6	Bidirectional	3000	64	10	71.1	78.6	5	103	29.1	-
3KP7.0A	R-6	Unidirectional	3000	7	1000	7.78	8.6	50	12	250	-
3KP7.0CA	R-6	Bidirectional	3000	7	1000	7.78	8.6	50	12	250	-
3KP7.5A	R-6	Unidirectional	3000	7.5	250	8.33	9.21	5	12.9	232.6	-
3KP7.5CA	R-6	Bidirectional	3000	7.5	250	8.33	9.21	5	12.9	232.6	-
3KP70A	R-6	Unidirectional	3000	70	10	77.8	86	5	113	26.5	-
3KP70CA	R-6	Bidirectional	3000	70	10	77.8	86	5	113	26.5	-
3KP75A	R-6	Unidirectional	3000	75	10	83.3	92.1	5	121	24.8	-
3KP75CA	R-6	Bidirectional	3000	75	10	83.3	92.1	5	121	24.8	-
3KP78A	R-6	Unidirectional	3000	78	10	86.7	95.8	5	126	23.8	-
3KP78CA	R-6	Bidirectional	3000	78	10	86.7	95.8	5	126	23.8	-
3KP8.0A	R-6	Unidirectional	3000	8	150	8.89	9.83	5	13.6	220.6	-
3KP8.0CA	R-6	Bidirectional	3000	8	150	8.89	9.83	5	13.6	220.6	-



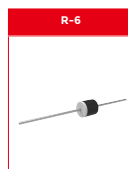
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
3KP8.5A	R-6	Unidirectional	3000	8.5	50	9.44	10.4	5	14.4	208.3	-
3KP8.5CA	R-6	Bidirectional	3000	8.5	50	9.44	10.4	5	14.4	208.3	-
3KP85A	R-6	Unidirectional	3000	85	10	94.4	104	5	137	21.9	-
3KP85CA	R-6	Bidirectional	3000	85	10	94.4	104	5	137	21.9	-
3KP9.0A	R-6	Unidirectional	3000	9	20	10	11.1	5	15.4	194.8	-
3KP9.0CA	R-6	Bidirectional	3000	9	20	10	11.1	5	15.4	194.8	-
3KP90A	R-6	Unidirectional	3000	90	10	100	111	5	146	20.5	-
3KP90CA	R-6	Bidirectional	3000	90	10	100	111	5	146	20.5	-
5KP100A	R-6	Unidirectional	5000	100	10	111	123	5	162	31	-
5KP100CA	R-6	Bidirectional	5000	100	10	111	123	5	162	31	-
5KP10A	R-6	Unidirectional	5000	10	15	11.1	12.3	5	17	294	-
5KP10CA	R-6	Bidirectional	5000	10	15	11.1	12.3	5	17	294	-
5KP110A	R-6	Unidirectional	5000	110	10	122	135	5	177	28	-
5KP110CA	R-6	Bidirectional	5000	110	10	122	135	5	177	28	-
5KP11A	R-6	Unidirectional	5000	11	10	12.2	13.5	5	18.2	274	-
5KP11CA	R-6	Bidirectional	5000	11	10	12.2	13.5	5	18.2	274	-
5KP120A	R-6	Unidirectional	5000	120	10	133	147	5	193	26.4	-
5KP120CA	R-6	Bidirectional	5000	120	10	133	147	5	193	26.4	-
5KP12A	R-6	Unidirectional	5000	12	10	13.3	14.7	5	19.9	251	-
5KP12CA	R-6	Bidirectional	5000	12	10	13.3	14.7	5	19.9	251	-
5KP130A	R-6	Unidirectional	5000	130	10	144	159	5	209	24.4	-
5KP130CA	R-6	Bidirectional	5000	130	10	144	159	5	209	24.4	-
5KP13A	R-6	Unidirectional	5000	13	10	14.4	15.9	5	21.5	232	-
5KP13CA	R-6	Bidirectional	5000	13	10	14.4	15.9	5	21.5	232	-
5KP14A	R-6	Unidirectional	5000	14	10	15.6	17.2	5	23.2	215	-
5KP14CA	R-6	Bidirectional	5000	14	10	15.6	17.2	5	23.2	215	-
5KP150A	R-6	Unidirectional	5000	150	10	167	185	5	243	21	-
5KP150CA	R-6	Bidirectional	5000	150	10	167	185	5	243	21	-
5KP15A	R-6	Unidirectional	5000	15	10	16.7	18.5	5	24.4	206	-
5KP15CA	R-6	Bidirectional	5000	15	10	16.7	18.5	5	24.4	206	-
5KP160A	R-6	Unidirectional	5000	160	10	178	197	5	259	19.7	-
5KP160CA	R-6	Bidirectional	5000	160	10	178	197	5	259	19.7	-
5KP16A	R-6	Unidirectional	5000	16	10	17.8	19.7	5	26	192	-
5KP16CA	R-6	Bidirectional	5000	16	10	17.8	19.7	5	26	192	-
5KP170A	R-6	Unidirectional	5000	170	10	189	209	5	275	18.5	-
5KP170CA	R-6	Bidirectional	5000	170	10	189	209	5	275	18.5	-
5KP17A	R-6	Unidirectional	5000	17	10	18.9	20.9	5	27.6	181	-
5KP17CA	R-6	Bidirectional	5000	17	10	18.9	20.9	5	27.6	181	-
5KP180A	R-6	Unidirectional	5000	180	10	200	221	5	292	17.5	-
5KP180CA	R-6	Bidirectional	5000	180	10	200	221	5	292	17.5	-
5KP18A	R-6	Unidirectional	5000	18	10	20	22.1	5	29.2	172	-
5KP18CA	R-6	Bidirectional	5000	18	10	20	22.1	5	29.2	172	-
5KP190A	R-6	Unidirectional	5000	190	10	211	233	5	310	16.5	-
5KP190CA	R-6	Bidirectional	5000	190	10	211	233	5	310	16.5	-
5KP200A	R-6	Unidirectional	5000	200	10	222	246	5	329.2	15.5	-
5KP200CA	R-6	Bidirectional	5000	200	10	222	246	5	329.2	15.5	-
5KP20A	R-6	Unidirectional	5000	20	10	22.2	24.5	5	32.4	154	-
5KP20CA	R-6	Bidirectional	5000	20	10	22.2	24.5	5	32.4	154	-
5KP210A	R-6	Unidirectional	5000	210	10	233	258	5	349.5	14.6	-
5KP210CA	R-6	Bidirectional	5000	210	10	233	258	5	349.5	14.6	-
5KP220A	R-6	Unidirectional	5000	220	10	244	270	5	371.1	13.7	-
5KP220CA	R-6	Bidirectional	5000	220	10	244	270	5	371.1	13.7	-
5KP22A	R-6	Unidirectional	5000	22	10	24.4	26.9	5	35.5	141	-
5KP22CA	R-6	Bidirectional	5000	22	10	24.4	26.9	5	35.5	141	-



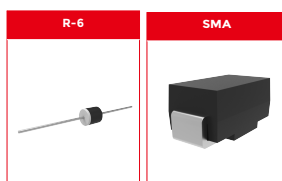
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
5KP24A	R-6	Unidirectional	5000	24	10	26.7	29.5	5	38.9	128	-
5KP24CA	R-6	Bidirectional	5000	24	10	26.7	29.5	5	38.9	128	-
5KP250A	R-6	Unidirectional	5000	250	10	277	306	5	425	12	-
5KP250CA	R-6	Bidirectional	5000	250	10	277	306	5	425	12	-
5KP26A	R-6	Unidirectional	5000	26	10	28.9	31.9	5	42.1	119	-
5KP26CA	R-6	Bidirectional	5000	26	10	28.9	31.9	5	42.1	119	-
5KP28A	R-6	Unidirectional	5000	28	10	31.1	34.4	5	45.4	110	-
5KP28CA	R-6	Bidirectional	5000	28	10	31.1	34.4	5	45.4	110	-
5KP30A	R-6	Unidirectional	5000	30	10	33.3	36.8	5	48.4	103	-
5KP30CA	R-6	Bidirectional	5000	30	10	33.3	36.8	5	48.4	103	-
5KP33A	R-6	Unidirectional	5000	33	10	36.7	40.6	5	53.3	94	-
5KP33CA	R-6	Bidirectional	5000	33	10	36.7	40.6	5	53.3	94	-
5KP36A	R-6	Unidirectional	5000	36	10	40	44.2	5	58.1	86	-
5KP36CA	R-6	Bidirectional	5000	36	10	40	44.2	5	58.1	86	-
5KP40A	R-6	Unidirectional	5000	40	10	44.4	49.1	5	64.5	78	-
5KP40CA	R-6	Bidirectional	5000	40	10	44.4	49.1	5	64.5	78	-
5KP43A	R-6	Unidirectional	5000	43	10	47.8	52.8	5	69.4	72	-
5KP43CA	R-6	Bidirectional	5000	43	10	47.8	52.8	5	69.4	72	-
5KP45A	R-6	Unidirectional	5000	45	10	50	55.3	5	72.7	69	-
5KP45CA	R-6	Bidirectional	5000	45	10	50	55.3	5	72.7	69	-
5KP48A	R-6	Unidirectional	5000	48	10	53.3	58.9	5	77.4	65	-
5KP48CA	R-6	Bidirectional	5000	48	10	53.3	58.9	5	77.4	65	-
5KP5.0A	R-6	Unidirectional	5000	5	5000	6.4	7	50	9.2	543	-
5KP5.0CA	R-6	Bidirectional	5000	5	5000	6.4	7	50	9.2	543	-
5KP51A	R-6	Unidirectional	5000	51	10	56.7	62.7	5	82.4	61	-
5KP51CA	R-6	Bidirectional	5000	51	10	56.7	62.7	5	82.4	61	-
5KP54A	R-6	Unidirectional	5000	54	10	60	66.3	5	87.1	57	-
5KP54CA	R-6	Bidirectional	5000	54	10	60	66.3	5	87.1	57	-
5KP58A	R-6	Unidirectional	5000	58	10	64.4	71.2	5	93.6	53	-
5KP58CA	R-6	Bidirectional	5000	58	10	64.4	71.2	5	93.6	53	-
5KP6.0A	R-6	Unidirectional	5000	6	5000	6.67	7.37	50	10.3	485	-
5KP6.0CA	R-6	Bidirectional	5000	6	5000	6.67	7.37	50	10.3	485	-
5KP6.5A	R-6	Unidirectional	5000	6.5	2000	7.22	7.98	50	11.2	447	-
5KP6.5CA	R-6	Bidirectional	5000	6.5	2000	7.22	7.98	50	11.2	447	-
5KP60A	R-6	Unidirectional	5000	60	10	66.7	73.7	5	96.8	52	-
5KP60CA	R-6	Bidirectional	5000	60	10	66.7	73.7	5	96.8	52	-
5KP64A	R-6	Unidirectional	5000	64	10	71.1	78.6	5	103	49	-
5KP64CA	R-6	Bidirectional	5000	64	10	71.1	78.6	5	103	49	-
5KP7.0A	R-6	Unidirectional	5000	7	1000	7.78	8.6	50	12	417	-
5KP7.0CA	R-6	Bidirectional	5000	7	1000	7.78	8.6	50	12	417	-
5KP7.5A	R-6	Unidirectional	5000	7.5	250	8.33	9.21	5	12.9	388	-
5KP7.5CA	R-6	Bidirectional	5000	7.5	250	8.33	9.21	5	12.9	388	-
5KP70A	R-6	Unidirectional	5000	70	10	77.8	86	5	113	44	-
5KP70CA	R-6	Bidirectional	5000	70	10	77.8	86	5	113	44	-
5KP75A	R-6	Unidirectional	5000	75	10	83.3	92.1	5	121	41	-
5KP75CA	R-6	Bidirectional	5000	75	10	83.3	92.1	5	121	41	-
5KP78A	R-6	Unidirectional	5000	78	10	86.7	95.8	5	126	40	-
5KP78CA	R-6	Bidirectional	5000	78	10	86.7	95.8	5	126	40	-
5KP8.0A	R-6	Unidirectional	5000	8	150	8.89	9.83	5	13.6	367	-
5KP8.0CA	R-6	Bidirectional	5000	8	150	8.89	9.83	5	13.6	367	-
5KP8.5A	R-6	Unidirectional	5000	8.5	50	9.44	10.4	5	14.4	347	-
5KP8.5CA	R-6	Bidirectional	5000	8.5	50	9.44	10.4	5	14.4	347	-
5KP85A	R-6	Unidirectional	5000	85	10	94.4	104	5	137	36	-
5KP85CA	R-6	Bidirectional	5000	85	10	94.4	104	5	137	36	-



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
5KP9.0A	R-6	Unidirectional	5000	9	20	10	11.1	5	15.4	325	-
5KP9.0CA	R-6	Bidirectional	5000	9	20	10	11.1	5	15.4	325	-
5KP90A	R-6	Unidirectional	5000	90	10	100	111	5	146	34	-
5KP90CA	R-6	Bidirectional	5000	90	10	100	111	5	146	34	-
SLD10A	R-6	Unidirectional	6000	10	10	11.8	13	5	17	350	-
SLD10CA	R-6	Bidirectional	6000	10	10	11.8	13	5	17	350	-
SLD11A	R-6	Unidirectional	6000	11	10	12.2	13.5	5	18.2	327	-
SLD11CA	R-6	Bidirectional	6000	11	10	12.2	13.5	5	18.2	327	-
SLD12A	R-6	Unidirectional	6000	12	10	13.3	14.7	5	19.9	300	-
SLD12CA	R-6	Bidirectional	6000	12	10	13.3	14.7	5	19.9	300	-
SLD13A	R-6	Unidirectional	6000	13	10	14.4	15.9	5	21.5	277	-
SLD13CA	R-6	Bidirectional	6000	13	10	14.4	15.9	5	21.5	277	-
SLD14A	R-6	Unidirectional	6000	14	10	15.6	17.2	5	23.2	257	-
SLD14CA	R-6	Bidirectional	6000	14	10	15.6	17.2	5	23.2	257	-
SLD15A	R-6	Unidirectional	6000	15	10	16.7	18.5	5	24.4	245	-
SLD15CA	R-6	Bidirectional	6000	15	10	16.7	18.5	5	24.4	245	-
SLD16A	R-6	Unidirectional	6000	16	10	17.8	19.7	5	26	229	-
SLD16CA	R-6	Bidirectional	6000	16	10	17.8	19.7	5	26	229	-
SLD17A	R-6	Unidirectional	6000	17	10	18.9	20.9	5	27.6	216	-
SLD17CA	R-6	Bidirectional	6000	17	10	18.9	20.9	5	27.6	216	-
SLD18A	R-6	Unidirectional	6000	18	10	20	22.1	5	29.2	204	-
SLD18CA	R-6	Bidirectional	6000	18	10	20	22.1	5	29.2	204	-
SLD20A	R-6	Unidirectional	6000	20	10	22.2	24.5	5	32.4	184	-
SLD20CA	R-6	Bidirectional	6000	20	10	22.2	24.5	5	32.4	184	-
SLD22A	R-6	Unidirectional	6000	22	10	24.4	26.9	5	35.5	168	-
SLD22CA	R-6	Bidirectional	6000	22	10	24.4	26.9	5	35.5	168	-
SLD24A	R-6	Unidirectional	6000	24	10	25	30	5	38.9	153	-
SLD24CA	R-6	Bidirectional	6000	24	10	25	30	5	38.9	153	-
SLD26A	R-6	Unidirectional	6000	26	10	28.9	31.9	5	42.1	142	-
SLD26CA	R-6	Bidirectional	6000	26	10	28.9	31.9	5	42.1	142	-
SLD28A	R-6	Unidirectional	6000	28	10	31.1	34.4	5	45.4	131	-
SLD28CA	R-6	Bidirectional	6000	28	10	31.1	34.4	5	45.4	131	-
SLD30A	R-6	Unidirectional	6000	30	10	33.3	36.8	5	48.4	123	-
SLD30CA	R-6	Bidirectional	6000	30	10	33.3	36.8	5	48.4	123	-
SLD33A	R-6	Unidirectional	6000	33	10	36.7	40.6	5	53.3	112	-
SLD33CA	R-6	Bidirectional	6000	33	10	36.7	40.6	5	53.3	112	-
SLD36A	R-6	Unidirectional	6000	36	10	40	44.2	5	58.1	103	-
SLD36CA	R-6	Bidirectional	6000	36	10	40	44.2	5	58.1	103	-
SLD40A	R-6	Unidirectional	6000	40	10	44.4	49.1	5	64.5	92.5	-
SLD40CA	R-6	Bidirectional	6000	40	10	44.4	49.1	5	64.5	92.5	-
SLD43A	R-6	Unidirectional	6000	43	10	49	54.2	5	69.4	86	-
SLD43CA	R-6	Bidirectional	6000	43	10	49	54.2	5	69.4	86	-
SLD48A	R-6	Unidirectional	6000	48	10	53.3	58.9	5	77.4	77	-
SLD48CA	R-6	Bidirectional	6000	48	10	53.3	58.9	5	77.4	77	-
SLD54A	R-6	Unidirectional	6000	54	10	60	66.3	5	87.1	68.5	-
SLD54CA	R-6	Bidirectional	6000	54	10	60	66.3	5	87.1	68.5	-
SLD58A	R-6	Unidirectional	6000	58	10	64.4	71.2	5	93.6	64	-
SLD58CA	R-6	Bidirectional	6000	58	10	64.4	71.2	5	93.6	64	-
SLD60A	R-6	Unidirectional	6000	60	10	68.4	75.6	5	96.8	61.5	-
SLD60CA	R-6	Bidirectional	6000	60	10	68.4	75.6	5	96.8	61.5	-
SMA6J10A	SMA	Unidirectional	600	10	1	11.1	12.3	1	17	35.3	KX
SMA6J10CA	SMA	Bidirectional	600	10	1	11.1	12.3	1	17	35.3	TX
SMA6J11A	SMA	Unidirectional	600	11	1	12.2	13.5	1	18.2	33	KZ
SMA6J11CA	SMA	Bidirectional	600	11	1	12.2	13.5	1	18.2	33	TZ



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMA6J12A	SMA	Unidirectional	600	12	1	13.3	14.7	1	19.9	30.2	LE
SMA6J12CA	SMA	Bidirectional	600	12	1	13.3	14.7	1	19.9	30.2	UE
SMA6J13A	SMA	Unidirectional	600	13	1	14.4	15.9	1	21.5	27.9	LG
SMA6J13CA	SMA	Bidirectional	600	13	1	14.4	15.9	1	21.5	27.9	UG
SMA6J14A	SMA	Unidirectional	600	14	1	15.6	17.2	1	23.2	25.9	LK
SMA6J14CA	SMA	Bidirectional	600	14	1	15.6	17.2	1	23.2	25.9	UK
SMA6J15A	SMA	Unidirectional	600	15	1	16.7	18.5	1	24.4	24.6	LM
SMA6J15CA	SMA	Bidirectional	600	15	1	16.7	18.5	1	24.4	24.6	UM
SMA6J16A	SMA	Unidirectional	600	16	1	17.8	19.7	1	26	23.1	LP
SMA6J16CA	SMA	Bidirectional	600	16	1	17.8	19.7	1	26	23.1	UP
SMA6J17A	SMA	Unidirectional	600	17	1	18.9	20.9	1	27.6	21.7	LR
SMA6J17CA	SMA	Bidirectional	600	17	1	18.9	20.9	1	27.6	21.7	UR
SMA6J18A	SMA	Unidirectional	600	18	1	20	22.1	1	29.2	20.5	LT
SMA6J18CA	SMA	Bidirectional	600	18	1	20	22.1	1	29.2	20.5	UT
SMA6J19A	SMA	Unidirectional	600	19	1	21.1	23.3	1	30.8	19.5	LB
SMA6J19CA	SMA	Bidirectional	600	19	1	21.1	23.3	1	30.8	19.5	UB
SMA6J20A	SMA	Unidirectional	600	20	1	22.2	24.5	1	32.4	18.5	LV
SMA6J20CA	SMA	Bidirectional	600	20	1	22.2	24.5	1	32.4	18.5	UV
SMA6J22A	SMA	Unidirectional	600	22	1	24.4	26.9	1	35.5	16.9	LX
SMA6J22CA	SMA	Bidirectional	600	22	1	24.4	26.9	1	35.5	16.9	UX
SMA6J24A	SMA	Unidirectional	600	24	1	26.7	29.5	1	38.9	15.4	LZ
SMA6J24CA	SMA	Bidirectional	600	24	1	26.7	29.5	1	38.9	15.4	UZ
SMA6J26A	SMA	Unidirectional	600	26	1	28.9	31.9	1	42.1	14.3	ME
SMA6J26CA	SMA	Bidirectional	600	26	1	28.9	31.9	1	42.1	14.3	WE
SMA6J28A	SMA	Unidirectional	600	28	1	31.1	34.4	1	45.4	13.2	MG
SMA6J28CA	SMA	Bidirectional	600	28	1	31.1	34.4	1	45.4	13.2	WG
SMA6J30A	SMA	Unidirectional	600	30	1	33.3	36.8	1	48.4	12.4	MK
SMA6J30CA	SMA	Bidirectional	600	30	1	33.3	36.8	1	48.4	12.4	WK
SMA6J33A	SMA	Unidirectional	600	33	1	36.7	40.6	1	53.3	11.3	MM
SMA6J33CA	SMA	Bidirectional	600	33	1	36.7	40.6	1	53.3	11.3	WM
SMA6J36A	SMA	Unidirectional	600	36	1	40	44.2	1	58.1	10.3	MP
SMA6J36CA	SMA	Bidirectional	600	36	1	40	44.2	1	58.1	10.3	WP
SMA6J40A	SMA	Unidirectional	600	40	1	44.4	49.1	1	64.5	9.3	MR
SMA6J40CA	SMA	Bidirectional	600	40	1	44.4	49.1	1	64.5	9.3	WR
SMA6J5.0A	SMA	Unidirectional	600	5	800	6.4	7	10	9.2	65.2	KE
SMA6J6.0A	SMA	Unidirectional	600	6	800	6.67	7.37	10	10.3	58.3	KG
SMA6J6.0CA	SMA	Bidirectional	600	6	800	6.67	7.37	10	10.3	58.3	TG
SMA6J6.5A	SMA	Unidirectional	600	6.5	500	7.22	7.98	10	11.2	53.6	KK
SMA6J6.5CA	SMA	Bidirectional	600	6.5	500	7.22	7.98	10	11.2	53.6	TK
SMA6J7.0A	SMA	Unidirectional	600	7	200	7.78	8.6	10	12	50	KM
SMA6J7.0CA	SMA	Bidirectional	600	7	200	7.78	8.6	10	12	50	TM
SMA6J7.5A	SMA	Unidirectional	600	7.5	100	8.33	9.21	1	12.9	46.5	KP
SMA6J7.5CA	SMA	Bidirectional	600	7.5	100	8.33	9.21	1	12.9	46.5	TP
SMA6J8.0A	SMA	Unidirectional	600	8	50	8.89	9.83	1	13.6	44.1	KR
SMA6J8.0CA	SMA	Bidirectional	600	8	50	8.89	9.83	1	13.6	44.1	TR
SMA6J8.5A	SMA	Unidirectional	600	8.5	10	9.44	10.4	1	14.4	41.7	KT
SMA6J8.5CA	SMA	Bidirectional	600	8.5	10	9.44	10.4	1	14.4	41.7	TT
SMA6J9.0A	SMA	Unidirectional	600	9	5	10	11.1	1	15.4	39	KV
SMA6J9.0CA	SMA	Bidirectional	600	9	5	10	11.1	1	15.4	39	TV
SMAJ10AHE3	SMA	Unidirectional	400	10	5	11.1	12.3	1	17	23.5	AX
SMAJ10CAHE3	SMA	Bidirectional	400	10	5	11.1	12.3	1	17	23.5	WX
SMAJ11AHE3	SMA	Unidirectional	400	11	1	12.2	13.5	1	18.2	22	AZ
SMAJ11CAHE3	SMA	Bidirectional	400	11	1	12.2	13.5	1	18.2	22	WZ
SMAJ12AHE3	SMA	Unidirectional	400	12	1	13.3	14.7	1	19.9	20.1	BE



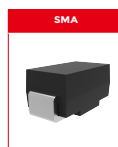
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJ12CAHE3	SMA	Bidirectional	400	12	1	13.3	14.7	1	19.9	20.1	XE
SMAJ13AHE3	SMA	Unidirectional	400	13	1	14.4	15.9	1	21.5	18.6	BG
SMAJ13CAHE3	SMA	Bidirectional	400	13	1	14.4	15.9	1	21.5	18.6	XG
SMAJ14AHE3	SMA	Unidirectional	400	14	1	15.6	17.2	1	23.2	17.2	BK
SMAJ14CAHE3	SMA	Bidirectional	400	14	1	15.6	17.2	1	23.2	17.2	XK
SMAJ15AHE3	SMA	Unidirectional	400	15	1	16.7	18.5	1	24.4	16.4	BM
SMAJ15CAHE3	SMA	Bidirectional	400	15	1	16.7	18.5	1	24.4	16.4	XM
SMAJ16AHE3	SMA	Unidirectional	400	16	1	17.8	19.7	1	26	15.3	BP
SMAJ16CAHE3	SMA	Bidirectional	400	16	1	17.8	19.7	1	26	15.3	XP
SMAJ17AHE3	SMA	Unidirectional	400	17	1	18.9	20.9	1	27.6	14.5	BR
SMAJ17CAHE3	SMA	Bidirectional	400	17	1	18.9	20.9	1	27.6	14.5	XR
SMAJ18AHE3	SMA	Unidirectional	400	18	1	20	22.1	1	29.2	13.7	BT
SMAJ18CAHE3	SMA	Bidirectional	400	18	1	20	22.1	1	29.2	13.7	XT
SMAJ20AHE3	SMA	Unidirectional	400	20	1	22.2	24.5	1	32.4	12.3	BV
SMAJ20CAHE3	SMA	Bidirectional	400	20	1	22.2	24.5	1	32.4	12.3	XV
SMAJ22AHE3	SMA	Unidirectional	400	22	1	24.4	26.9	1	35.5	11.2	BX
SMAJ22CAHE3	SMA	Bidirectional	400	22	1	24.4	26.9	1	35.5	11.2	XX
SMAJ24AHE3	SMA	Unidirectional	400	24	1	26.7	29.5	1	38.9	10.3	BZ
SMAJ24CAHE3	SMA	Bidirectional	400	24	1	26.7	29.5	1	38.9	10.3	XZ
SMAJ26AHE3	SMA	Unidirectional	400	26	1	28.9	31.9	1	42.1	9.5	CE
SMAJ26CAHE3	SMA	Bidirectional	400	26	1	28.9	31.9	1	42.1	9.5	YE
SMAJ28AHE3	SMA	Unidirectional	400	28	1	31.1	34.4	1	45.4	8.8	CG
SMAJ28CAHE3	SMA	Bidirectional	400	28	1	31.1	34.4	1	45.4	8.8	YG
SMAJ30AHE3	SMA	Unidirectional	400	30	1	33.3	36.8	1	48.4	8.3	CK
SMAJ30CAHE3	SMA	Bidirectional	400	30	1	33.3	36.8	1	48.4	8.3	YK
SMAJ33AHE3	SMA	Unidirectional	400	33	1	36.7	40.6	1	53.3	7.5	CM
SMAJ33CAHE3	SMA	Bidirectional	400	33	1	36.7	40.6	1	53.3	7.5	YM
SMAJ36AHE3	SMA	Unidirectional	400	36	1	40	44.2	1	58.1	6.9	CP
SMAJ36CAHE3	SMA	Bidirectional	400	36	1	40	44.2	1	58.1	6.9	YP
SMAJ40AHE3	SMA	Unidirectional	400	40	1	44.4	49.1	1	64.5	6.2	CR
SMAJ40CAHE3	SMA	Bidirectional	400	40	1	44.4	49.1	1	64.5	6.2	YR
SMAJ43AHE3	SMA	Unidirectional	400	43	1	47.8	52.8	1	69.4	5.7	CT
SMAJ43CAHE3	SMA	Bidirectional	400	43	1	47.8	52.8	1	69.4	5.7	YT
SMAJ45AHE3	SMA	Unidirectional	400	45	1	50	55.3	1	72.7	5.5	CV
SMAJ45CAHE3	SMA	Bidirectional	400	45	1	50	55.3	1	72.7	5.5	YV
SMAJ48AHE3	SMA	Unidirectional	400	48	1	53.3	58.9	1	77.4	5.2	CX
SMAJ48CAHE3	SMA	Bidirectional	400	48	1	53.3	58.9	1	77.4	5.2	YX
SMAJ51AHE3	SMA	Unidirectional	400	51	1	56.7	62.7	1	82.4	4.9	CZ
SMAJ51CAHE3	SMA	Bidirectional	400	51	1	56.7	62.7	1	82.4	4.9	YZ
SMAJ54AHE3	SMA	Unidirectional	400	54	1	60	66.3	1	87.1	4.6	RE
SMAJ54CAHE3	SMA	Bidirectional	400	54	1	60	66.3	1	87.1	4.6	ZE
SMAJ58AHE3	SMA	Unidirectional	400	58	1	64.4	71.2	1	93.6	4.3	RG
SMAJ58CAHE3	SMA	Bidirectional	400	58	1	64.4	71.2	1	93.6	4.3	ZG
SMAJ60AHE3	SMA	Unidirectional	400	60	1	66.7	73.7	1	96.8	4.1	RK
SMAJ60CAHE3	SMA	Bidirectional	400	60	1	66.7	73.7	1	96.8	4.1	ZK
SMAJ64AHE3	SMA	Unidirectional	400	64	1	71.1	78.6	1	103	3.9	RM
SMAJ64CAHE3	SMA	Bidirectional	400	64	1	71.1	78.6	1	103	3.9	ZM
SMAJ70AHE3	SMA	Unidirectional	400	70	1	77.8	86	1	113	3.5	RP
SMAJ70CAHE3	SMA	Bidirectional	400	70	1	77.8	86	1	113	3.5	ZP
SMAJ75AHE3	SMA	Unidirectional	400	75	1	83.3	92.1	1	121	3.3	RR
SMAJ75CAHE3	SMA	Bidirectional	400	75	1	83.3	92.1	1	121	3.3	ZR
SMAJ78AHE3	SMA	Unidirectional	400	78	1	86.7	95.8	1	126	2.2	RT
SMAJ78CAHE3	SMA	Bidirectional	400	78	1	86.7	95.8	1	126	2.2	ZT
SMAJ85AHE3	SMA	Unidirectional	400	85	1	94.4	104	1	137	2.9	RV



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJ85CAHE3	SMA	Bidirectional	400	85	1	94.4	104	1	137	2.9	ZV
SMAJ100A	SMA	Unidirectional	400	100	1	111	123	1	162	2.5	RZ
SMAJ100CA	SMA	Bidirectional	400	100	1	111	123	1	162	2.5	ZZ
SMAJ10A	SMA	Unidirectional	400	10	5	11.1	12.3	1	17	23.5	AX
SMAJ10CA	SMA	Bidirectional	400	10	5	11.1	12.3	1	17	23.5	WX
SMAJ110A	SMA	Unidirectional	400	110	1	122	135	1	177	2.3	SE
SMAJ110CA	SMA	Bidirectional	400	110	1	122	135	1	177	2.3	VE
SMAJ11A	SMA	Unidirectional	400	11	1	12.2	13.5	1	18.2	22	AZ
SMAJ11CA	SMA	Bidirectional	400	11	1	12.2	13.5	1	18.2	22	WZ
SMAJ120A	SMA	Unidirectional	400	120	1	133	147	1	193	2	SG
SMAJ120CA	SMA	Bidirectional	400	120	1	133	147	1	193	2	VG
SMAJ12A	SMA	Unidirectional	400	12	1	13.3	14.7	1	19.9	20.1	BE
SMAJ12CA	SMA	Bidirectional	400	12	1	13.3	14.7	1	19.9	20.1	XE
SMAJ130A	SMA	Unidirectional	400	130	1	144	159	1	209	1.9	SK
SMAJ130CA	SMA	Bidirectional	400	130	1	144	159	1	209	1.9	VK
SMAJ13A	SMA	Unidirectional	400	13	1	14.4	15.9	1	21.5	18.6	BG
SMAJ13CA	SMA	Bidirectional	400	13	1	14.4	15.9	1	21.5	18.6	XG
SMAJ14A	SMA	Unidirectional	400	14	1	15.6	17.2	1	23.2	17.2	BK
SMAJ14CA	SMA	Bidirectional	400	14	1	15.6	17.2	1	23.2	17.2	XK
SMAJ150A	SMA	Unidirectional	400	150	1	167	185	1	243	1.6	SM
SMAJ150CA	SMA	Bidirectional	400	150	1	167	185	1	243	1.6	VM
SMAJ15A	SMA	Unidirectional	400	15	1	16.7	18.5	1	24.4	16.4	BM
SMAJ15CA	SMA	Bidirectional	400	15	1	16.7	18.5	1	24.4	16.4	XM
SMAJ160A	SMA	Unidirectional	400	160	1	178	197	1	259	1.5	SP
SMAJ160CA	SMA	Bidirectional	400	160	1	178	197	1	259	1.5	VP
SMAJ16A	SMA	Unidirectional	400	16	1	17.8	19.7	1	26	15.3	BP
SMAJ16CA	SMA	Bidirectional	400	16	1	17.8	19.7	1	26	15.3	XP
SMAJ170A	SMA	Unidirectional	400	170	1	189	209	1	275	1.4	SR
SMAJ170CA	SMA	Bidirectional	400	170	1	189	209	1	275	1.4	VR
SMAJ17A	SMA	Unidirectional	400	17	1	18.9	20.9	1	27.6	14.5	BR
SMAJ17CA	SMA	Bidirectional	400	17	1	18.9	20.9	1	27.6	14.5	XR
SMAJ180A	SMA	Unidirectional	400	180	1	201	222	1	292	1.4	ST
SMAJ180CA	SMA	Bidirectional	400	180	1	201	222	1	292	1.4	VT
SMAJ18A	SMA	Unidirectional	400	18	1	20	22.1	1	29.2	13.7	BT
SMAJ18CA	SMA	Bidirectional	400	18	1	20	22.1	1	29.2	13.7	XT
SMAJ200A	SMA	Unidirectional	400	200	1	224	247	1	324	1.2	SV
SMAJ200CA	SMA	Bidirectional	400	200	1	224	247	1	324	1.2	VV
SMAJ20A	SMA	Unidirectional	400	20	1	22.2	24.5	1	32.4	12.3	BV
SMAJ20CA	SMA	Bidirectional	400	20	1	22.2	24.5	1	32.4	12.3	XV
SMAJ220A	SMA	Unidirectional	400	220	1	246	272	1	356	1.1	SX
SMAJ220CA	SMA	Bidirectional	400	220	1	246	272	1	356	1.1	VX
SMAJ22A	SMA	Unidirectional	400	22	1	24.4	26.9	1	35.5	11.2	BX
SMAJ22CA	SMA	Bidirectional	400	22	1	24.4	26.9	1	35.5	11.2	XX
SMAJ24A	SMA	Unidirectional	400	24	1	26.7	29.5	1	38.9	10.3	BZ
SMAJ24CA	SMA	Bidirectional	400	24	1	26.7	29.5	1	38.9	10.3	XZ
SMAJ250A	SMA	Unidirectional	400	250	1	279	309	1	405	1	SZ
SMAJ250CA	SMA	Bidirectional	400	250	1	279	309	1	405	1	VZ
SMAJ26A	SMA	Unidirectional	400	26	1	28.9	31.9	1	42.1	9.5	CE
SMAJ26CA	SMA	Bidirectional	400	26	1	28.9	31.9	1	42.1	9.5	YE
SMAJ28A	SMA	Unidirectional	400	28	1	31.1	34.4	1	45.4	8.8	CG
SMAJ28CA	SMA	Bidirectional	400	28	1	31.1	34.4	1	45.4	8.8	YG
SMAJ300A	SMA	Unidirectional	400	300	1	335	371	1	486	0.8	TE
SMAJ300CA	SMA	Bidirectional	400	300	1	335	371	1	486	0.8	UE
SMAJ30A	SMA	Unidirectional	400	30	1	33.3	36.8	1	48.4	8.3	CK



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJ30CA	SMA	Bidirectional	400	30	1	33.3	36.8	1	48.4	8.3	YK
SMAJ33A	SMA	Unidirectional	400	33	1	36.7	40.6	1	53.3	7.5	CM
SMAJ33CA	SMA	Bidirectional	400	33	1	36.7	40.6	1	53.3	7.5	YM
SMAJ350A	SMA	Unidirectional	400	350	1	391	432	1	567	0.7	TG
SMAJ350CA	SMA	Bidirectional	400	350	1	391	432	1	567	0.7	UG
SMAJ36A	SMA	Unidirectional	400	36	1	40	44.2	1	58.1	6.9	CP
SMAJ36CA	SMA	Bidirectional	400	36	1	40	44.2	1	58.1	6.9	YP
SMAJ400A	SMA	Unidirectional	400	400	1	447	494	1	648	0.6	TK
SMAJ400CA	SMA	Bidirectional	400	400	1	447	494	1	648	0.6	UK
SMAJ40A	SMA	Unidirectional	400	40	1	44.4	49.1	1	64.5	6.2	CR
SMAJ40CA	SMA	Bidirectional	400	40	1	44.4	49.1	1	64.5	6.2	YR
SMAJ43A	SMA	Unidirectional	400	43	1	47.8	52.8	1	69.4	5.7	CT
SMAJ43CA	SMA	Bidirectional	400	43	1	47.8	52.8	1	69.4	5.7	YT
SMAJ440A	SMA	Unidirectional	400	440	1	492	543	1	713	0.6	TM
SMAJ440CA	SMA	Bidirectional	400	440	1	492	543	1	713	0.6	UM
SMAJ45A	SMA	Unidirectional	400	45	1	50	55.3	1	72.7	5.5	CV
SMAJ45CA	SMA	Bidirectional	400	45	1	50	55.3	1	72.7	5.5	YV
SMAJ48A	SMA	Unidirectional	400	48	1	53.3	58.9	1	77.4	5.2	CX
SMAJ48CA	SMA	Bidirectional	400	48	1	53.3	58.9	1	77.4	5.2	YX
SMAJ5.0A	SMA	Unidirectional	400	5	800	6.4	7	10	9.2	43.5	AE
SMAJ5.0CA	SMA	Bidirectional	400	5	800	6.4	7	10	9.2	43.5	WE
SMAJ51A	SMA	Unidirectional	400	51	1	56.7	62.7	1	82.4	4.9	CZ
SMAJ51CA	SMA	Bidirectional	400	51	1	56.7	62.7	1	82.4	4.9	YZ
SMAJ54A	SMA	Unidirectional	400	54	1	60	66.3	1	87.1	4.6	RE
SMAJ54CA	SMA	Bidirectional	400	54	1	60	66.3	1	87.1	4.6	ZE
SMAJ58A	SMA	Unidirectional	400	58	1	64.4	71.2	1	93.6	4.3	RG
SMAJ58CA	SMA	Bidirectional	400	58	1	64.4	71.2	1	93.6	4.3	ZG
SMAJ6.0A	SMA	Unidirectional	400	6	800	6.67	7.37	10	10.3	38.8	AG
SMAJ6.0CA	SMA	Bidirectional	400	6	800	6.67	7.37	10	10.3	38.8	WG
SMAJ6.5A	SMA	Unidirectional	400	6.5	500	7.22	7.98	10	11.2	35.7	AK
SMAJ6.5CA	SMA	Bidirectional	400	6.5	500	7.22	7.98	10	11.2	35.7	WK
SMAJ60A	SMA	Unidirectional	400	60	1	66.7	73.7	1	96.8	4.1	RK
SMAJ60CA	SMA	Bidirectional	400	60	1	66.7	73.7	1	96.8	4.1	ZK
SMAJ64A	SMA	Unidirectional	400	64	1	71.1	78.6	1	103	3.9	RM
SMAJ64CA	SMA	Bidirectional	400	64	1	71.1	78.6	1	103	3.9	ZM
SMAJ7.0A	SMA	Unidirectional	400	7	200	7.78	8.6	10	12	33.3	AM
SMAJ7.0CA	SMA	Bidirectional	400	7	200	7.78	8.6	10	12	33.3	WM
SMAJ7.5A	SMA	Unidirectional	400	7.5	100	8.33	9.21	1	12.9	31	AP
SMAJ7.5CA	SMA	Bidirectional	400	7.5	100	8.33	9.21	1	12.9	31	WP
SMAJ70A	SMA	Unidirectional	400	70	1	77.8	86	1	113	3.5	RP
SMAJ70CA	SMA	Bidirectional	400	70	1	77.8	86	1	113	3.5	ZP
SMAJ75A	SMA	Unidirectional	400	75	1	83.3	92.1	1	121	3.3	RR
SMAJ75CA	SMA	Bidirectional	400	75	1	83.3	92.1	1	121	3.3	ZR
SMAJ78A	SMA	Unidirectional	400	78	1	86.7	95.8	1	126	2.2	RT
SMAJ78CA	SMA	Bidirectional	400	78	1	86.7	95.8	1	126	2.2	ZT
SMAJ8.0A	SMA	Unidirectional	400	8	50	8.89	9.83	1	13.6	29.4	AR
SMAJ8.0CA	SMA	Bidirectional	400	8	50	8.89	9.83	1	13.6	29.4	WR
SMAJ8.5A	SMA	Unidirectional	400	8.5	20	9.44	10.4	1	14.4	27.7	AT
SMAJ8.5CA	SMA	Bidirectional	400	8.5	20	9.44	10.4	1	14.4	27.7	WT
SMAJ85A	SMA	Unidirectional	400	85	1	94.4	104	1	137	2.9	RV
SMAJ85CA	SMA	Bidirectional	400	85	1	94.4	104	1	137	2.9	ZV
SMAJ9.0A	SMA	Unidirectional	400	9	10	10	11.1	1	15.4	26	AV
SMAJ9.0CA	SMA	Bidirectional	400	9	10	10	11.1	1	15.4	26	VV
SMAJ90A	SMA	Unidirectional	400	90	1	100	111	1	146	2.7	RX



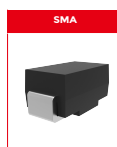
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μA)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJ90CA	SMA	Bidirectional	400	90	1	100	111	1	146	2.7	ZX
SMAJP4KE100AHE3	SMAJ	Unidirectional	400	85.5	1	95	105	1	137	3	100A
SMAJP4KE100CAHE3	SMAJ	Bidirectional	400	85.5	1	95	105	1	137	3	100C
SMAJP4KE12AHE3	SMAJ	Unidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	12A
SMAJP4KE12CAHE3	SMAJ	Bidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	12C
SMAJP4KE13AHE3	SMAJ	Unidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	13A
SMAJP4KE13CAHE3	SMAJ	Bidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	13C
SMAJP4KE15AHE3	SMAJ	Unidirectional	400	12.8	1	14.3	15.8	1	21.2	19.3	15A
SMAJP4KE15CAHE3	SMAJ	Bidirectional	400	12.8	1	14.3	15.8	1	21.2	19.3	15C
SMAJP4KE16AHE3	SMAJ	Unidirectional	400	13.6	1	15.2	16.8	1	22.5	18.2	16A
SMAJP4KE16CAHE3	SMAJ	Bidirectional	400	13.6	1	15.2	16.8	1	22.5	18.2	16C
SMAJP4KE18AHE3	SMAJ	Unidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	18A
SMAJP4KE18CAHE3	SMAJ	Bidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	18C
SMAJP4KE20AHE3	SMAJ	Unidirectional	400	17.1	1	19	21	1	27.7	14.8	20A
SMAJP4KE20CAHE3	SMAJ	Bidirectional	400	17.1	1	19	21	1	27.7	14.8	20C
SMAJP4KE22AHE3	SMAJ	Unidirectional	400	18.8	1	20.9	23.1	1	30.6	13.4	22A
SMAJP4KE22CAHE3	SMAJ	Bidirectional	400	18.8	1	20.9	23.1	1	30.6	13.4	22C
SMAJP4KE24AHE3	SMAJ	Unidirectional	400	20.5	1	22.8	25.2	1	33.2	12.3	24A
SMAJP4KE24CAHE3	SMAJ	Bidirectional	400	20.5	1	22.8	25.2	1	33.2	12.3	24C
SMAJP4KE27AHE3	SMAJ	Unidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	27A
SMAJP4KE27CAHE3	SMAJ	Bidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	27C
SMAJP4KE30AHE3	SMAJ	Unidirectional	400	25.6	1	28.5	31.5	1	41.4	9.9	30A
SMAJP4KE30CAHE3	SMAJ	Bidirectional	400	25.6	1	28.5	31.5	1	41.4	9.9	30C
SMAJP4KE33AHE3	SMAJ	Unidirectional	400	28.2	1	31.4	34.7	1	45.7	9	33A
SMAJP4KE33CAHE3	SMAJ	Bidirectional	400	28.2	1	31.4	34.7	1	45.7	9	33C
SMAJP4KE36AHE3	SMAJ	Unidirectional	400	30.8	1	34.2	37.8	1	49.9	8.2	36A
SMAJP4KE36CAHE3	SMAJ	Bidirectional	400	30.8	1	34.2	37.8	1	49.9	8.2	36C
SMAJP4KE39AHE3	SMAJ	Unidirectional	400	33.3	1	37.1	41	1	53.9	7.6	39A
SMAJP4KE39CAHE3	SMAJ	Bidirectional	400	33.3	1	37.1	41	1	53.9	7.6	39C
SMAJP4KE43AHE3	SMAJ	Unidirectional	400	36.8	1	40.9	45.2	1	59.3	6.9	43A
SMAJP4KE43CAHE3	SMAJ	Bidirectional	400	36.8	1	40.9	45.2	1	59.3	6.9	43C
SMAJP4KE47AHE3	SMAJ	Unidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	47A
SMAJP4KE47CAHE3	SMAJ	Bidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	47C
SMAJP4KE51AHE3	SMAJ	Unidirectional	400	43.6	1	48.5	53.6	1	70.1	5.8	51A
SMAJP4KE51CAHE3	SMAJ	Bidirectional	400	43.6	1	48.5	53.6	1	70.1	5.8	51C
SMAJP4KE56AHE3	SMAJ	Unidirectional	400	47.8	1	53.2	58.8	1	77	5.3	56A
SMAJP4KE56CAHE3	SMAJ	Bidirectional	400	47.8	1	53.2	58.8	1	77	5.3	56C
SMAJP4KE62AHE3	SMAJ	Unidirectional	400	53	1	58.9	65.1	1	85	4.8	62A
SMAJP4KE62CAHE3	SMAJ	Bidirectional	400	53	1	58.9	65.1	1	85	4.8	62C
SMAJP4KE68AHE3	SMAJ	Unidirectional	400	58.1	1	64.6	71.4	1	92	4.5	68A
SMAJP4KE68CAHE3	SMAJ	Bidirectional	400	58.1	1	64.6	71.4	1	92	4.5	68C
SMAJP4KE75AHE3	SMAJ	Unidirectional	400	64.1	1	71.3	78.8	1	103	4	75A
SMAJP4KE75CAHE3	SMAJ	Bidirectional	400	64.1	1	71.3	78.8	1	103	4	75C
SMAJP4KE82AHE3	SMAJ	Unidirectional	400	70.1	1	77.9	86.1	1	113	3.6	82A
SMAJP4KE82CAHE3	SMAJ	Bidirectional	400	70.1	1	77.9	86.1	1	113	3.6	82C
SMAJP4KE91AHE3	SMAJ	Unidirectional	400	77.8	1	86.5	95.5	1	125	3.3	91A
SMAJP4KE91CAHE3	SMAJ	Bidirectional	400	77.8	1	86.5	95.5	1	125	3.3	91C
SMAJP4KE100A	SMAJ	Unidirectional	400	85.5	1	95	105	1	137	3	100A
SMAJP4KE100CA	SMAJ	Bidirectional	400	85.5	1	95	105	1	137	3	100C
SMAJP4KE10A	SMAJ	Unidirectional	400	8.55	10	9.5	10.5	1	14.5	28.3	10A
SMAJP4KE10CA	SMAJ	Bidirectional	400	8.55	10	9.5	10.5	1	14.5	28.3	10C
SMAJP4KE110A	SMAJ	Unidirectional	400	94	1	105	116	1	152	2.7	110A
SMAJP4KE110CA	SMAJ	Bidirectional	400	94	1	105	116	1	152	2.7	110C
SMAJP4KE11A	SMAJ	Unidirectional	400	9.4	5	10.5	11.6	1	15.6	26.3	11A



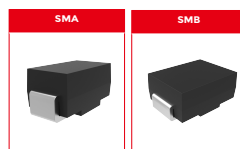
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJP4KE11CA	SMAJ	Bidirectional	400	9.4	5	10.5	11.6	1	15.6	26.3	11C
SMAJP4KE120A	SMAJ	Unidirectional	400	102	1	114	126	1	165	2.5	120A
SMAJP4KE120CA	SMAJ	Bidirectional	400	102	1	114	126	1	165	2.5	120C
SMAJP4KE12A	SMAJ	Unidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	12A
SMAJP4KE12CA	SMAJ	Bidirectional	400	10.2	5	11.4	12.6	1	16.7	24.6	12C
SMAJP4KE130A	SMAJ	Unidirectional	400	111	1	124	137	1	179	2.3	130A
SMAJP4KE130CA	SMAJ	Bidirectional	400	111	1	124	137	1	179	2.3	130C
SMAJP4KE13A	SMAJ	Unidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	13A
SMAJP4KE13CA	SMAJ	Bidirectional	400	11.1	1	12.4	13.7	1	18.2	22.5	13C
SMAJP4KE150A	SMAJ	Unidirectional	400	128	1	143	158	1	207	2	150A
SMAJP4KE150CA	SMAJ	Bidirectional	400	128	1	143	158	1	207	2	150C
SMAJP4KE15A	SMAJ	Unidirectional	400	12.8	1	14.3	15.8	1	21.2	19.3	15A
SMAJP4KE15CA	SMAJ	Bidirectional	400	12.8	1	14.3	15.8	1	21.2	19.3	15C
SMAJP4KE160A	SMAJ	Unidirectional	400	136	1	152	168	1	219	1.9	160A
SMAJP4KE160CA	SMAJ	Bidirectional	400	136	1	152	168	1	219	1.9	160C
SMAJP4KE16A	SMAJ	Unidirectional	400	13.6	1	15.2	16.8	1	22.5	18.2	16A
SMAJP4KE16CA	SMAJ	Bidirectional	400	13.6	1	15.2	16.8	1	22.5	18.2	16C
SMAJP4KE170A	SMAJ	Unidirectional	400	145	1	162	179	1	234	1.8	170A
SMAJP4KE170CA	SMAJ	Bidirectional	400	145	1	162	179	1	234	1.8	170C
SMAJP4KE180A	SMAJ	Unidirectional	400	154	1	171	189	1	246	1.7	180A
SMAJP4KE180CA	SMAJ	Bidirectional	400	154	1	171	189	1	246	1.7	180C
SMAJP4KE18A	SMAJ	Unidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	18A
SMAJP4KE18CA	SMAJ	Bidirectional	400	15.3	1	17.1	18.9	1	25.5	16.1	18C
SMAJP4KE200A	SMAJ	Unidirectional	400	171	1	190	210	1	274	1.5	200A
SMAJP4KE200CA	SMAJ	Bidirectional	400	171	1	190	210	1	274	1.5	200C
SMAJP4KE20A	SMAJ	Unidirectional	400	17.1	1	19	21	1	27.7	14.8	20A
SMAJP4KE20CA	SMAJ	Bidirectional	400	17.1	1	19	21	1	27.7	14.8	20C
SMAJP4KE220A	SMAJ	Unidirectional	400	185	1	209	231	1	328	1.3	220A
SMAJP4KE220CA	SMAJ	Bidirectional	400	185	1	209	231	1	328	1.3	220C
SMAJP4KE22A	SMAJ	Unidirectional	400	18.8	1	20.9	23.1	1	30.6	13.4	22A
SMAJP4KE22CA	SMAJ	Bidirectional	400	18.8	1	20.9	23.1	1	30.6	13.4	22C
SMAJP4KE24A	SMAJ	Unidirectional	400	20.5	1	22.8	25.2	1	33.2	12.3	24A
SMAJP4KE24CA	SMAJ	Bidirectional	400	20.5	1	22.8	25.2	1	33.2	12.3	24C
SMAJP4KE250A	SMAJ	Unidirectional	400	214	1	237	263	1	344	1.2	250A
SMAJP4KE250CA	SMAJ	Bidirectional	400	214	1	237	263	1	344	1.2	250C
SMAJP4KE27A	SMAJ	Unidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	27A
SMAJP4KE27CA	SMAJ	Bidirectional	400	23.1	1	25.7	28.4	1	37.5	10.9	27C
SMAJP4KE300A	SMAJ	Unidirectional	400	256	1	285	315	1	414	1	300A
SMAJP4KE300CA	SMAJ	Bidirectional	400	256	1	285	315	1	414	1	300C
SMAJP4KE30A	SMAJ	Unidirectional	400	25.6	1	28.5	31.5	1	41.4	9.9	30A
SMAJP4KE30CA	SMAJ	Bidirectional	400	25.6	1	28.5	31.5	1	41.4	9.9	30C
SMAJP4KE33A	SMAJ	Unidirectional	400	28.2	1	31.4	34.7	1	45.7	9	33A
SMAJP4KE33CA	SMAJ	Bidirectional	400	28.2	1	31.4	34.7	1	45.7	9	33C
SMAJP4KE350A	SMAJ	Unidirectional	400	300	1	332	368	1	482	0.9	350A
SMAJP4KE350CA	SMAJ	Bidirectional	400	300	1	332	368	1	482	0.9	350C
SMAJP4KE36A	SMAJ	Unidirectional	400	30.8	1	34.2	37.8	1	49.9	8.2	36A
SMAJP4KE36CA	SMAJ	Bidirectional	400	30.8	1	34.2	37.8	1	49.9	8.2	36C
SMAJP4KE39A	SMAJ	Unidirectional	400	33.3	1	37.1	41	1	53.9	7.6	39A
SMAJP4KE39CA	SMAJ	Bidirectional	400	33.3	1	37.1	41	1	53.9	7.6	39C
SMAJP4KE400A	SMAJ	Unidirectional	400	342	1	380	420	1	548	0.8	400A
SMAJP4KE400CA	SMAJ	Bidirectional	400	342	1	380	420	1	548	0.8	400C
SMAJP4KE43A	SMAJ	Unidirectional	400	36.8	1	40.9	45.2	1	59.3	6.9	43A
SMAJP4KE43CA	SMAJ	Bidirectional	400	36.8	1	40.9	45.2	1	59.3	6.9	43C
SMAJP4KE440A	SMAJ	Unidirectional	400	376	1	418	462	1	602	0.7	440A



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMAJP4KE440CA	SMAJ	Bidirectional	400	376	1	418	462	1	602	0.7	440C
SMAJP4KE47A	SMAJ	Unidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	47A
SMAJP4KE47CA	SMAJ	Bidirectional	400	40.2	1	44.7	49.4	1	64.8	6.3	47C
SMAJP4KE480A	SMAJ	Unidirectional	400	408	1	456	504	1	658	0.6	480A
SMAJP4KE480CA	SMAJ	Bidirectional	400	408	1	456	504	1	658	0.6	480C
SMAJP4KE510A	SMAJ	Unidirectional	400	434	1	485	535	1	698	0.6	510A
SMAJP4KE510CA	SMAJ	Bidirectional	400	434	1	485	535	1	698	0.6	510C
SMAJP4KE51A	SMAJ	Unidirectional	400	43.6	1	48.5	53.6	1	70.1	5.8	51A
SMAJP4KE51CA	SMAJ	Bidirectional	400	43.6	1	48.5	53.6	1	70.1	5.8	51C
SMAJP4KE530A	SMAJ	Unidirectional	400	477	1	503.5	556.5	1	725	0.6	530A
SMAJP4KE530CA	SMAJ	Bidirectional	400	477	1	503.5	556.5	1	725	0.6	530C
SMAJP4KE540A	SMAJ	Unidirectional	400	459	1	513	567	1	740	0.5	540A
SMAJP4KE540CA	SMAJ	Bidirectional	400	459	1	513	567	1	740	0.5	540C
SMAJP4KE550A	SMAJ	Unidirectional	400	495	1	522.5	577.5	1	760	0.5	550A
SMAJP4KE550CA	SMAJ	Bidirectional	400	495	1	522.5	577.5	1	760	0.5	550C
SMAJP4KE56A	SMAJ	Unidirectional	400	47.8	1	53.2	58.8	1	77	5.3	56A
SMAJP4KE56CA	SMAJ	Bidirectional	400	47.8	1	53.2	58.8	1	77	5.3	56C
SMAJP4KE6.8A	SMAJ	Unidirectional	400	5.8	1000	6.45	7.14	10	10.5	39	6V8A
SMAJP4KE6.8CA	SMAJ	Bidirectional	400	5.8	1000	6.45	7.14	10	10.5	39	6V8C
SMAJP4KE62A	SMAJ	Unidirectional	400	53	1	58.9	65.1	1	85	4.8	62A
SMAJP4KE62CA	SMAJ	Bidirectional	400	53	1	58.9	65.1	1	85	4.8	62C
SMAJP4KE68A	SMAJ	Unidirectional	400	58.1	1	64.6	71.4	1	92	4.5	68A
SMAJP4KE68CA	SMAJ	Bidirectional	400	58.1	1	64.6	71.4	1	92	4.5	68C
SMAJP4KE7.5A	SMAJ	Unidirectional	400	6.4	500	7.13	7.88	10	11.3	36.3	7V5A
SMAJP4KE7.5CA	SMAJ	Bidirectional	400	6.4	500	7.13	7.88	10	11.3	36.3	7V5C
SMAJP4KE75A	SMAJ	Unidirectional	400	64.1	1	71.3	78.8	1	103	4	75A
SMAJP4KE75CA	SMAJ	Bidirectional	400	64.1	1	71.3	78.8	1	103	4	75C
SMAJP4KE8.2A	SMAJ	Unidirectional	400	7.02	200	7.79	8.61	10	12.1	33.9	8V2A
SMAJP4KE8.2CA	SMAJ	Bidirectional	400	7.02	200	7.79	8.61	10	12.1	33.9	8V2C
SMAJP4KE82A	SMAJ	Unidirectional	400	70.1	1	77.9	86.1	1	113	3.6	82A
SMAJP4KE82CA	SMAJ	Bidirectional	400	70.1	1	77.9	86.1	1	113	3.6	82C
SMAJP4KE9.1A	SMAJ	Unidirectional	400	7.78	50	8.65	9.55	1	13.4	30.6	9V1A
SMAJP4KE9.1CA	SMAJ	Bidirectional	400	7.78	50	8.65	9.55	1	13.4	30.6	9V1C
SMAJP4KE91A	SMAJ	Unidirectional	400	77.8	1	86.5	95.5	1	125	3.3	91A
SMAJP4KE91CA	SMAJ	Bidirectional	400	77.8	1	86.5	95.5	1	125	3.3	91C
SMB10J10A	SMB	Unidirectional	1000	10	5	11.1	12.3	1	17	58.82	AKX
SMB10J10CA	SMB	Bidirectional	1000	10	5	11.1	12.3	1	17	58.82	AAX
SMB10J11A	SMB	Unidirectional	1000	11	5	12.2	13.5	1	18.2	54.95	AKZ
SMB10J11CA	SMB	Bidirectional	1000	11	5	12.2	13.5	1	18.2	54.95	AAZ
SMB10J12A	SMB	Unidirectional	1000	12	5	13.3	14.7	1	19.9	50.25	ALE
SMB10J12CA	SMB	Bidirectional	1000	12	5	13.3	14.7	1	19.9	50.25	ABE
SMB10J13A	SMB	Unidirectional	1000	13	1	14.4	15.9	1	21.5	46.51	ALG
SMB10J13CA	SMB	Bidirectional	1000	13	1	14.4	15.9	1	21.5	46.51	ABG
SMB10J14A	SMB	Unidirectional	1000	14	1	15.6	17.2	1	23.2	43.1	ALK
SMB10J14CA	SMB	Bidirectional	1000	14	1	15.6	17.2	1	23.2	43.1	ABK
SMB10J15A	SMB	Unidirectional	1000	15	1	16.7	18.5	1	24.4	40.98	ALM
SMB10J15CA	SMB	Bidirectional	1000	15	1	16.7	18.5	1	24.4	40.98	ABM
SMB10J16A	SMB	Unidirectional	1000	16	1	17.8	19.7	1	26	38.46	ALP
SMB10J16CA	SMB	Bidirectional	1000	16	1	17.8	19.7	1	26	38.46	ABP
SMB10J17A	SMB	Unidirectional	1000	17	1	18.9	20.9	1	27.6	36.23	ALR
SMB10J17CA	SMB	Bidirectional	1000	17	1	18.9	20.9	1	27.6	36.23	ABR
SMB10J18A	SMB	Unidirectional	1000	18	1	20	22.1	1	29.2	34.25	ALT
SMB10J18CA	SMB	Bidirectional	1000	18	1	20	22.1	1	29.2	34.25	ABT
SMB10J19A	SMB	Unidirectional	1000	19	1	21.1	23.3	1	30.8	32.49	ALB



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMB10J19CA	SMB	Bidirectional	1000	19	1	21.1	23.3	1	30.8	32.49	ABB
SMB10J20A	SMB	Unidirectional	1000	20	1	22.2	24.5	1	32.4	30.86	ALV
SMB10J20CA	SMB	Bidirectional	1000	20	1	22.2	24.5	1	32.4	30.86	ABV
SMB10J22A	SMB	Unidirectional	1000	22	1	24.4	26.9	1	35.5	28.17	ALX
SMB10J22CA	SMB	Bidirectional	1000	22	1	24.4	26.9	1	35.5	28.17	ABX
SMB10J24A	SMB	Unidirectional	1000	24	1	26.7	29.5	1	38.9	25.71	ALZ
SMB10J24CA	SMB	Bidirectional	1000	24	1	26.7	29.5	1	38.9	25.71	ABZ
SMB10J26A	SMB	Unidirectional	1000	26	1	28.9	31.9	1	42.1	23.75	AME
SMB10J26CA	SMB	Bidirectional	1000	26	1	28.9	31.9	1	42.1	23.75	ACE
SMB10J28A	SMB	Unidirectional	1000	28	1	31.1	34.4	1	45.4	22.03	AMG
SMB10J28CA	SMB	Bidirectional	1000	28	1	31.1	34.4	1	45.4	22.03	ACG
SMB10J30A	SMB	Unidirectional	1000	30	1	33.3	36.8	1	48.4	20.66	AMK
SMB10J30CA	SMB	Bidirectional	1000	30	1	33.3	36.8	1	48.4	20.66	ACK
SMB10J33A	SMB	Unidirectional	1000	33	1	36.7	40.6	1	53.3	18.76	AMM
SMB10J33CA	SMB	Bidirectional	1000	33	1	36.7	40.6	1	53.3	18.76	ACM
SMB10J36A	SMB	Unidirectional	1000	36	1	40	44.2	1	58.1	17.21	AMP
SMB10J36CA	SMB	Bidirectional	1000	36	1	40	44.2	1	58.1	17.21	ACP
SMB10J40A	SMB	Unidirectional	1000	40	1	44.4	49.1	1	64.5	15.5	AMR
SMB10J40CA	SMB	Bidirectional	1000	40	1	44.4	49.1	1	64.5	15.5	ACR
SMB10J43A	SMB	Unidirectional	1000	43	1	47.8	52.8	1	69.4	14.41	AMT
SMB10J43CA	SMB	Bidirectional	1000	43	1	47.8	52.8	1	69.4	14.41	ACT
SMB10J45A	SMB	Unidirectional	1000	45	1	50	55.3	1	72.7	13.76	AMV
SMB10J45CA	SMB	Bidirectional	1000	45	1	50	55.3	1	72.7	13.76	ACV
SMB10J48A	SMB	Unidirectional	1000	48	1	53.3	58.9	1	77.4	12.92	AMX
SMB10J48CA	SMB	Bidirectional	1000	48	1	53.3	58.9	1	77.4	12.92	ACX
SMB10J5.0A	SMB	Unidirectional	1000	5	800	6.4	7	10	9.2	108.7	AKE
SMB10J5.0CA	SMB	Bidirectional	1000	5	800	6.4	7	10	9.2	108.7	AAE
SMB10J51A	SMB	Unidirectional	1000	51	1	56.7	62.7	1	82.4	12.14	AMZ
SMB10J51CA	SMB	Bidirectional	1000	51	1	56.7	62.7	1	82.4	12.14	ACZ
SMB10J54A	SMB	Unidirectional	1000	54	1	60	66.3	1	87.1	11.48	ANE
SMB10J54CA	SMB	Bidirectional	1000	54	1	60	66.3	1	87.1	11.48	ADE
SMB10J58A	SMB	Unidirectional	1000	58	1	64.4	71.2	1	93.6	10.68	ANG
SMB10J58CA	SMB	Bidirectional	1000	58	1	64.4	71.2	1	93.6	10.68	ADG
SMB10J6.0A	SMB	Unidirectional	1000	6	800	6.67	7.37	10	10.3	97.09	AKG
SMB10J6.0CA	SMB	Bidirectional	1000	6	800	6.67	7.37	10	10.3	97.09	AAG
SMB10J6.5A	SMB	Unidirectional	1000	6.5	500	7.22	7.98	10	11.2	89.29	AKK
SMB10J6.5CA	SMB	Bidirectional	1000	6.5	500	7.22	7.98	10	11.2	89.29	AAK
SMB10J7.0A	SMB	Unidirectional	1000	7	200	7.78	8.6	10	12	83.33	AKM
SMB10J7.0CA	SMB	Bidirectional	1000	7	200	7.78	8.6	10	12	83.33	AAM
SMB10J7.5A	SMB	Unidirectional	1000	7.5	100	8.33	9.21	1	12.9	77.52	AKP
SMB10J7.5CA	SMB	Bidirectional	1000	7.5	100	8.33	9.21	1	12.9	77.52	AAP
SMB10J8.0A	SMB	Unidirectional	1000	8	50	8.89	9.83	1	13.6	73.53	AKR
SMB10J8.0CA	SMB	Bidirectional	1000	8	50	8.89	9.83	1	13.6	73.53	AAR
SMB10J8.5A	SMB	Unidirectional	1000	8.5	10	9.44	10.4	1	14.4	69.44	AKT
SMB10J8.5CA	SMB	Bidirectional	1000	8.5	10	9.44	10.4	1	14.4	69.44	AAT
SMB10J9.0A	SMB	Unidirectional	1000	9	5	10	11.1	1	15.4	64.94	AKV
SMB10J9.0CA	SMB	Bidirectional	1000	9	5	10	11.1	1	15.4	64.94	AAV
SMBJ11AHE3	SMB	Unidirectional	600	11	5	12.2	13.5	1	18.2	33	KZ
SMBJ11CAHE3	SMB	Bidirectional	600	11	5	12.2	13.5	1	18.2	33	AZ
SMBJ12AHE3	SMB	Unidirectional	600	12	5	13.3	14.7	1	19.9	30.2	LE
SMBJ12CAHE3	SMB	Bidirectional	600	12	5	13.3	14.7	1	19.9	30.2	BE
SMBJ13AHE3	SMB	Unidirectional	600	13	5	14.4	15.9	1	21.5	27.9	LG
SMBJ13CAHE3	SMB	Bidirectional	600	13	5	14.4	15.9	1	21.5	27.9	BG
SMBJ14AHE3	SMB	Unidirectional	600	14	5	15.6	17.2	1	23.2	25.8	LK



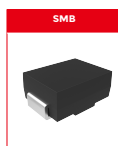
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBJ14CAHE3	SMB	Bidirectional	600	14	5	15.6	17.2	1	23.2	25.8	BK
SMBJ15AHE3	SMB	Unidirectional	600	15	5	16.7	18.5	1	24.4	24	LM
SMBJ15CAHE3	SMB	Bidirectional	600	15	5	16.7	18.5	1	24.4	24	BM
SMBJ16AHE3	SMB	Unidirectional	600	16	5	17.8	19.7	1	26	23.1	LP
SMBJ16CAHE3	SMB	Bidirectional	600	16	5	17.8	19.7	1	26	23.1	BP
SMBJ17AHE3	SMB	Unidirectional	600	17	5	18.9	20.9	1	27.6	21.7	LR
SMBJ17CAHE3	SMB	Bidirectional	600	17	5	18.9	20.9	1	27.6	21.7	BR
SMBJ18AHE3	SMB	Unidirectional	600	18	5	20	22.1	1	29.2	20.5	LT
SMBJ18CAHE3	SMB	Bidirectional	600	18	5	20	22.1	1	29.2	20.5	BT
SMBJ20AHE3	SMB	Unidirectional	600	20	5	22.2	24.5	1	32.4	18.5	LV
SMBJ20CAHE3	SMB	Bidirectional	600	20	5	22.2	24.5	1	32.4	18.5	BV
SMBJ22AHE3	SMB	Unidirectional	600	22	5	24.4	26.9	1	35.5	16.9	LX
SMBJ22CAHE3	SMB	Bidirectional	600	22	5	24.4	26.9	1	35.5	16.9	BX
SMBJ24AHE3	SMB	Unidirectional	600	24	5	26.7	29.5	1	38.9	15.4	LZ
SMBJ24CAHE3	SMB	Bidirectional	600	24	5	26.7	29.5	1	38.9	15.4	BZ
SMBJ26AHE3	SMB	Unidirectional	600	26	5	28.9	31.9	1	42.1	14.2	ME
SMBJ26CAHE3	SMB	Bidirectional	600	26	5	28.9	31.9	1	42.1	14.2	CE
SMBJ28AHE3	SMB	Unidirectional	600	28	5	31.1	34.4	1	45.4	13.2	MG
SMBJ28CAHE3	SMB	Bidirectional	600	28	5	31.1	34.4	1	45.4	13.2	CG
SMBJ30AHE3	SMB	Unidirectional	600	30	5	33.3	36.8	1	48.4	12.4	MK
SMBJ30CAHE3	SMB	Bidirectional	600	30	5	33.3	36.8	1	48.4	12.4	CK
SMBJ33AHE3	SMB	Unidirectional	600	33	5	36.7	40.6	1	53.3	11.3	MM
SMBJ33CAHE3	SMB	Bidirectional	600	33	5	36.7	40.6	1	53.3	11.3	CM
SMBJ36AHE3	SMB	Unidirectional	600	36	5	40	44.2	1	58.1	10.3	MP
SMBJ36CAHE3	SMB	Bidirectional	600	36	5	40	44.2	1	58.1	10.3	CP
SMBJ40AHE3	SMB	Unidirectional	600	40	5	44.4	49.1	1	64.5	9.3	MR
SMBJ40CAHE3	SMB	Bidirectional	600	40	5	44.4	49.1	1	64.5	9.3	CR
SMBJ43AHE3	SMB	Unidirectional	600	43	5	47.8	52.8	1	69.4	8.6	MT
SMBJ43CAHE3	SMB	Bidirectional	600	43	5	47.8	52.8	1	69.4	8.6	CT
SMBJ45AHE3	SMB	Unidirectional	600	45	5	50	55.3	1	72.7	8.3	MV
SMBJ45CAHE3	SMB	Bidirectional	600	45	5	50	55.3	1	72.7	8.3	CV
SMBJ48AHE3	SMB	Unidirectional	600	48	5	53.3	58.9	1	77.4	7.7	MX
SMBJ48CAHE3	SMB	Bidirectional	600	48	5	53.3	58.9	1	77.4	7.7	CX
SMBJ51AHE3	SMB	Unidirectional	600	51	5	56.7	62.7	1	82.4	7.3	MZ
SMBJ51CAHE3	SMB	Bidirectional	600	51	5	56.7	62.7	1	82.4	7.3	CZ
SMBJ54AHE3	SMB	Unidirectional	600	54	5	60	66.3	1	87.1	6.9	NE
SMBJ54CAHE3	SMB	Bidirectional	600	54	5	60	66.3	1	87.1	6.9	DE
SMBJ58AHE3	SMB	Unidirectional	600	58	5	64.4	71.2	1	93.6	6.4	NG
SMBJ58CAHE3	SMB	Bidirectional	600	58	5	64.4	71.2	1	93.6	6.4	DG
SMBJ60AHE3	SMB	Unidirectional	600	60	5	66.7	73.7	1	96.8	6.2	NK
SMBJ60CAHE3	SMB	Bidirectional	600	60	5	66.7	73.7	1	96.8	6.2	DK
SMBJ64AHE3	SMB	Unidirectional	600	64	5	71.1	78.6	1	103	5.8	NM
SMBJ64CAHE3	SMB	Bidirectional	600	64	5	71.1	78.6	1	103	5.8	DM
SMBJ70AHE3	SMB	Unidirectional	600	70	5	77.8	86	1	113	5.3	NP
SMBJ70CAHE3	SMB	Bidirectional	600	70	5	77.8	86	1	113	5.3	DP
SMBJ75AHE3	SMB	Unidirectional	600	75	5	83.3	92.1	1	121	4.9	NR
SMBJ75CAHE3	SMB	Bidirectional	600	75	5	83.3	92.1	1	121	4.9	DR
SMBJ78AHE3	SMB	Unidirectional	600	78	5	86.7	95.8	1	126	4.7	NT
SMBJ78CAHE3	SMB	Bidirectional	600	78	5	86.7	95.8	1	126	4.7	DT
SMBJ100A	SMB	Unidirectional	600	100	1	111	123	1	162	3.7	NZ
SMBJ100CA	SMB	Bidirectional	600	100	1	111	123	1	162	3.7	DZ
SMBJ10A	SMB	Unidirectional	600	10	5	11.1	12.3	1	17	35.3	KX
SMBJ10CA	SMB	Bidirectional	600	10	5	11.1	12.3	1	17	35.3	AX
SMBJ110A	SMB	Unidirectional	600	110	1	122	135	1	177	3.4	PE



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBJ110CA	SMB	Bidirectional	600	110	1	122	135	1	177	3.4	EE
SMBJ11A	SMB	Unidirectional	600	11	1	12.2	13.5	1	18.2	33	KZ
SMBJ11CA	SMB	Bidirectional	600	11	1	12.2	13.5	1	18.2	33	AZ
SMBJ120A	SMB	Unidirectional	600	120	1	133	147	1	193	3.1	PG
SMBJ120CA	SMB	Bidirectional	600	120	1	133	147	1	193	3.1	EG
SMBJ12A	SMB	Unidirectional	600	12	1	13.3	14.7	1	19.9	30.2	LE
SMBJ12CA	SMB	Bidirectional	600	12	1	13.3	14.7	1	19.9	30.2	BE
SMBJ130A	SMB	Unidirectional	600	130	1	144	159	1	209	2.9	PK
SMBJ130CA	SMB	Bidirectional	600	130	1	144	159	1	209	2.9	EK
SMBJ13A	SMB	Unidirectional	600	13	1	14.4	15.9	1	21.5	27.9	LG
SMBJ13CA	SMB	Bidirectional	600	13	1	14.4	15.9	1	21.5	27.9	BG
SMBJ14A	SMB	Unidirectional	600	14	1	15.6	17.2	1	23.2	25.8	LK
SMBJ14CA	SMB	Bidirectional	600	14	1	15.6	17.2	1	23.2	25.8	BK
SMBJ150A	SMB	Unidirectional	600	150	1	167	185	1	243	2.5	PM
SMBJ150CA	SMB	Bidirectional	600	150	1	167	185	1	243	2.5	EM
SMBJ15A	SMB	Unidirectional	600	15	1	16.7	18.5	1	24.4	24	LM
SMBJ15CA	SMB	Bidirectional	600	15	1	16.7	18.5	1	24.4	24	BM
SMBJ160A	SMB	Unidirectional	600	160	1	178	197	1	259	2.3	PP
SMBJ160CA	SMB	Bidirectional	600	160	1	178	197	1	259	2.3	EP
SMBJ16A	SMB	Unidirectional	600	16	1	17.8	19.7	1	26	23.1	LP
SMBJ16CA	SMB	Bidirectional	600	16	1	17.8	19.7	1	26	23.1	BP
SMBJ170A	SMB	Unidirectional	600	170	1	189	209	1	275	2.2	PR
SMBJ170CA	SMB	Bidirectional	600	170	1	189	209	1	275	2.2	ER
SMBJ17A	SMB	Unidirectional	600	17	1	18.9	20.9	1	27.6	21.7	LR
SMBJ17CA	SMB	Bidirectional	600	17	1	18.9	20.9	1	27.6	21.7	BR
SMBJ180A	SMB	Unidirectional	600	180	1	201	222	1	292	2.1	PT
SMBJ180CA	SMB	Bidirectional	600	180	1	201	222	1	292	2.1	ET
SMBJ18A	SMB	Unidirectional	600	18	1	20	22.1	1	29.2	20.5	LT
SMBJ18CA	SMB	Bidirectional	600	18	1	20	22.1	1	29.2	20.5	BT
SMBJ200A	SMB	Unidirectional	600	200	1	224	247	1	324	1.9	PV
SMBJ200CA	SMB	Bidirectional	600	200	1	224	247	1	324	1.9	EV
SMBJ20A	SMB	Unidirectional	600	20	1	22.2	24.5	1	32.4	18.5	LV
SMBJ20CA	SMB	Bidirectional	600	20	1	22.2	24.5	1	32.4	18.5	BV
SMBJ220A	SMB	Unidirectional	600	220	1	246	272	1	356	1.7	PX
SMBJ220CA	SMB	Bidirectional	600	220	1	246	272	1	356	1.7	EX
SMBJ22A	SMB	Unidirectional	600	22	1	24.4	26.9	1	35.5	16.9	LX
SMBJ22CA	SMB	Bidirectional	600	22	1	24.4	26.9	1	35.5	16.9	BX
SMBJ24A	SMB	Unidirectional	600	24	1	26.7	29.5	1	38.9	15.4	LZ
SMBJ24CA	SMB	Bidirectional	600	24	1	26.7	29.5	1	38.9	15.4	BZ
SMBJ250A	SMB	Unidirectional	600	250	1	279	309	1	405	1.5	PZ
SMBJ250CA	SMB	Bidirectional	600	250	1	279	309	1	405	1.5	EZ
SMBJ26A	SMB	Unidirectional	600	26	1	28.9	31.9	1	42.1	14.2	ME
SMBJ26CA	SMB	Bidirectional	600	26	1	28.9	31.9	1	42.1	14.2	CE
SMBJ28A	SMB	Unidirectional	600	28	1	31.1	34.4	1	45.4	13.2	MG
SMBJ28CA	SMB	Bidirectional	600	28	1	31.1	34.4	1	45.4	13.2	CG
SMBJ300A	SMB	Unidirectional	600	300	1	335	371	1	486	1.3	QE
SMBJ300CA	SMB	Bidirectional	600	300	1	335	371	1	486	1.3	FE
SMBJ30A	SMB	Unidirectional	600	30	1	33.3	36.8	1	48.4	12.4	MK
SMBJ30CA	SMB	Bidirectional	600	30	1	33.3	36.8	1	48.4	12.4	CK
SMBJ33A	SMB	Unidirectional	600	33	1	36.7	40.6	1	53.3	11.3	MM
SMBJ33CA	SMB	Bidirectional	600	33	1	36.7	40.6	1	53.3	11.3	CM
SMBJ350A	SMB	Unidirectional	600	350	1	391	432	1	567	1.1	QG
SMBJ350CA	SMB	Bidirectional	600	350	1	391	432	1	567	1.1	FG
SMBJ36A	SMB	Unidirectional	600	36	1	40	44.2	1	58.1	10.3	MP



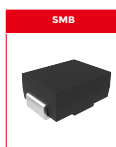
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBJ36CA	SMB	Bidirectional	600	36	1	40	44.2	1	58.1	10.3	CP
SMBJ400A	SMB	Unidirectional	600	400	1	447	494	1	648	0.9	QK
SMBJ400CA	SMB	Bidirectional	600	400	1	447	494	1	648	0.9	FK
SMBJ40A	SMB	Unidirectional	600	40	1	44.4	49.1	1	64.5	9.3	MR
SMBJ40CA	SMB	Bidirectional	600	40	1	44.4	49.1	1	64.5	9.3	CR
SMBJ43A	SMB	Unidirectional	600	43	1	47.8	52.8	1	69.4	8.6	MT
SMBJ43CA	SMB	Bidirectional	600	43	1	47.8	52.8	1	69.4	8.6	CT
SMBJ440A	SMB	Unidirectional	600	440	1	492	543	1	713	0.9	QM
SMBJ440CA	SMB	Bidirectional	600	440	1	492	543	1	713	0.9	FM
SMBJ45A	SMB	Unidirectional	600	45	1	50	55.3	1	72.7	8.3	MV
SMBJ45CA	SMB	Bidirectional	600	45	1	50	55.3	1	72.7	8.3	CV
SMBJ48A	SMB	Unidirectional	600	48	1	53.3	58.9	1	77.4	7.7	MX
SMBJ48CA	SMB	Bidirectional	600	48	1	53.3	58.9	1	77.4	7.7	CX
SMBJ5.0A	SMB	Unidirectional	600	5	800	6.4	7	10	9.2	65.2	KE
SMBJ5.0CA	SMB	Bidirectional	600	5	800	6.4	7	10	9.2	65.2	AE
SMBJ51A	SMB	Unidirectional	600	51	1	56.7	62.7	1	82.4	7.3	MZ
SMBJ51CA	SMB	Bidirectional	600	51	1	56.7	62.7	1	82.4	7.3	CZ
SMBJ54A	SMB	Unidirectional	600	54	1	60	66.3	1	87.1	6.9	NE
SMBJ54CA	SMB	Bidirectional	600	54	1	60	66.3	1	87.1	6.9	DE
SMBJ58A	SMB	Unidirectional	600	58	1	64.4	71.2	1	93.6	6.4	NG
SMBJ58CA	SMB	Bidirectional	600	58	1	64.4	71.2	1	93.6	6.4	DG
SMBJ6.0A	SMB	Unidirectional	600	6	800	6.67	7.37	10	10.3	58.3	KG
SMBJ6.0CA	SMB	Bidirectional	600	6	800	6.67	7.37	10	10.3	58.3	AG
SMBJ6.5A	SMB	Unidirectional	600	6.5	500	7.22	7.98	10	11.2	53.6	KK
SMBJ6.5CA	SMB	Bidirectional	600	6.5	500	7.22	7.98	10	11.2	53.6	AK
SMBJ60A	SMB	Unidirectional	600	60	1	66.7	73.7	1	96.8	6.2	NK
SMBJ60CA	SMB	Bidirectional	600	60	1	66.7	73.7	1	96.8	6.2	DK
SMBJ64A	SMB	Unidirectional	600	64	1	71.1	78.6	1	103	5.8	NM
SMBJ64CA	SMB	Bidirectional	600	64	1	71.1	78.6	1	103	5.8	DM
SMBJ7.0A	SMB	Unidirectional	600	7	200	7.78	8.6	10	12	50	KM
SMBJ7.0CA	SMB	Bidirectional	600	7	200	7.78	8.6	10	12	50	AM
SMBJ7.5A	SMB	Unidirectional	600	7.5	100	8.33	9.21	1	12.9	46.5	KP
SMBJ7.5CA	SMB	Bidirectional	600	7.5	100	8.33	9.21	1	12.9	46.5	AP
SMBJ70A	SMB	Unidirectional	600	70	1	77.8	86	1	113	5.3	NP
SMBJ70CA	SMB	Bidirectional	600	70	1	77.8	86	1	113	5.3	DP
SMBJ75A	SMB	Unidirectional	600	75	1	83.3	92.1	1	121	4.9	NR
SMBJ75CA	SMB	Bidirectional	600	75	1	83.3	92.1	1	121	4.9	DR
SMBJ78A	SMB	Unidirectional	600	78	1	86.7	95.8	1	126	4.7	NT
SMBJ78CA	SMB	Bidirectional	600	78	1	86.7	95.8	1	126	4.7	DT
SMBJ8.0A	SMB	Unidirectional	600	8	50	8.89	9.83	1	13.6	44.1	KR
SMBJ8.0CA	SMB	Bidirectional	600	8	50	8.89	9.83	1	13.6	44.1	AR
SMBJ8.5A	SMB	Unidirectional	600	8.5	10	9.44	10.4	1	14.1	41.7	KT
SMBJ8.5CA	SMB	Bidirectional	600	8.5	10	9.44	10.4	1	14.1	41.7	AT
SMBJ85A	SMB	Unidirectional	600	85	1	94.4	104	1	137	4.4	NV
SMBJ85CA	SMB	Bidirectional	600	85	1	94.4	104	1	137	4.4	DV
SMBJ9.0A	SMB	Unidirectional	600	9	5	10	11.1	1	15.4	39	KV
SMBJ9.0CA	SMB	Bidirectional	600	9	5	10	11.1	1	15.4	39	AV
SMBJ90A	SMB	Unidirectional	600	90	1	100	111	1	146	4.1	NX
SMBJ90CA	SMB	Bidirectional	600	90	1	100	111	1	146	4.1	DX
SMBJP6KE250AL	SMB	Unidirectional	600	214	1	237	263	1	344	1.9	250AL
SMBJP6KE300AL	SMB	Unidirectional	600	256	1	285	315	1	414	1.5	300AL
SMBJP6KE350AL	SMB	Unidirectional	600	300	1	332	368	1	482	1.3	350AL
SMBJP6KE400AL	SMB	Unidirectional	600	342	1	380	420	1	548	1.1	400AL
SMBJP6KE100A	SMB	Unidirectional	600	85.5	1	95	105	1	137	4.5	100A



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBJP6KE100CA	SMB	Bidirectional	600	85.5	5	95	105	1	137	4.5	100C
SMBJP6KE10A	SMB	Unidirectional	600	8.55	10	9.5	10.5	1	14.5	42.1	10A
SMBJP6KE10CA	SMB	Bidirectional	600	8.55	10	9.5	10.5	1	14.5	42.1	10C
SMBJP6KE110A	SMB	Unidirectional	600	94	1	105	116	1	152	4	110A
SMBJP6KE110CA	SMB	Bidirectional	600	94	5	105	116	1	152	4	110C
SMBJP6KE11A	SMB	Unidirectional	600	9.4	5	10.5	11.6	1	15.6	39.1	11A
SMBJP6KE11CA	SMB	Bidirectional	600	9.4	5	10.5	11.6	1	15.6	39.1	11C
SMBJP6KE120A	SMB	Unidirectional	600	102	1	114	126	1	165	3.7	120A
SMBJP6KE120CA	SMB	Bidirectional	600	102	5	114	126	1	165	3.7	120C
SMBJP6KE12A	SMB	Unidirectional	600	10.2	5	11.4	12.6	1	16.7	36.5	12A
SMBJP6KE12CA	SMB	Bidirectional	600	10.2	5	11.4	12.6	1	16.7	36.5	12C
SMBJP6KE130A	SMB	Unidirectional	600	111	1	124	137	1	179	3.4	130A
SMBJP6KE130CA	SMB	Bidirectional	600	111	5	124	137	1	179	3.4	130C
SMBJP6KE13A	SMB	Unidirectional	600	11.1	1	12.4	13.7	1	18.2	33.5	13A
SMBJP6KE13CA	SMB	Bidirectional	600	11.1	5	12.4	13.7	1	18.2	33.5	13C
SMBJP6KE150A	SMB	Unidirectional	600	128	1	143	158	1	207	2.9	150A
SMBJP6KE150CA	SMB	Bidirectional	600	128	5	143	158	1	207	2.9	150C
SMBJP6KE15A	SMB	Unidirectional	600	12.8	1	14.3	15.8	1	21.2	28.8	15A
SMBJP6KE15CA	SMB	Bidirectional	600	12.8	5	14.3	15.8	1	21.2	28.8	15C
SMBJP6KE160A	SMB	Unidirectional	600	136	1	152	168	1	219	2.8	160A
SMBJP6KE160CA	SMB	Bidirectional	600	136	5	152	168	1	219	2.8	160C
SMBJP6KE16A	SMB	Unidirectional	600	13.6	1	15.2	16.8	1	22.5	27.1	16A
SMBJP6KE16CA	SMB	Bidirectional	600	13.6	5	15.2	16.8	1	22.5	27.1	16C
SMBJP6KE170A	SMB	Unidirectional	600	145	1	162	179	1	234	2.6	170A
SMBJP6KE170CA	SMB	Bidirectional	600	145	5	162	179	1	234	2.6	170C
SMBJP6KE180A	SMB	Unidirectional	600	154	1	171	189	1	246	2.5	180A
SMBJP6KE180CA	SMB	Bidirectional	600	154	5	171	189	1	246	2.5	180C
SMBJP6KE18A	SMB	Unidirectional	600	15.3	1	17.1	18.9	1	25.5	24.2	18A
SMBJP6KE18CA	SMB	Bidirectional	600	15.3	5	17.1	18.9	1	25.5	24.2	18C
SMBJP6KE200A	SMB	Unidirectional	600	171	1	190	210	1	274	2.2	200A
SMBJP6KE200CA	SMB	Bidirectional	600	171	5	190	210	1	274	2.2	200C
SMBJP6KE20A	SMB	Unidirectional	600	17.1	1	19	21	1	27.7	22	20A
SMBJP6KE20CA	SMB	Bidirectional	600	17.1	5	19	21	1	27.7	22	20C
SMBJP6KE220A	SMB	Unidirectional	600	185	1	209	231	1	328	1.9	220A
SMBJP6KE220CA	SMB	Bidirectional	600	185	5	209	231	1	328	1.9	220C
SMBJP6KE22A	SMB	Unidirectional	600	18.8	1	20.9	23.1	1	30.6	19.9	22A
SMBJP6KE22CA	SMB	Bidirectional	600	18.8	5	20.9	23.1	1	30.6	19.9	22C
SMBJP6KE24A	SMB	Unidirectional	600	20.5	1	22.8	25.2	1	33.2	18.4	24A
SMBJP6KE24CA	SMB	Bidirectional	600	20.5	5	22.8	25.2	1	33.2	18.4	24C
SMBJP6KE250A	SMB	Unidirectional	600	214	1	237	263	1	344	1.9	250A
SMBJP6KE250CA	SMB	Bidirectional	600	214	5	237	263	1	344	1.9	250C
SMBJP6KE27A	SMB	Unidirectional	600	23.1	1	25.7	28.4	1	37.5	16.3	27A
SMBJP6KE27CA	SMB	Bidirectional	600	23.1	5	25.7	28.4	1	37.5	16.3	27C
SMBJP6KE300A	SMB	Unidirectional	600	256	1	285	315	1	414	1.5	300A
SMBJP6KE300CA	SMB	Bidirectional	600	256	5	285	315	1	414	1.5	300C
SMBJP6KE30A	SMB	Unidirectional	600	25.6	1	28.5	31.5	1	41.4	14.7	30A
SMBJP6KE30CA	SMB	Bidirectional	600	25.6	5	28.5	31.5	1	41.4	14.7	30C
SMBJP6KE33A	SMB	Unidirectional	600	28.2	1	31.4	34.7	1	45.7	13.3	33A
SMBJP6KE33CA	SMB	Bidirectional	600	28.2	5	31.4	34.7	1	45.7	13.3	33C
SMBJP6KE350A	SMB	Unidirectional	600	300	1	332	368	1	482	1.3	350A
SMBJP6KE350CA	SMB	Bidirectional	600	300	5	332	368	1	482	1.3	350C
SMBJP6KE36A	SMB	Unidirectional	600	30.8	1	34.2	37.8	1	49.9	12.2	36A
SMBJP6KE36CA	SMB	Bidirectional	600	30.8	5	34.2	37.8	1	49.9	12.2	36C
SMBJP6KE39A	SMB	Unidirectional	600	33.3	1	37.1	41	1	53.9	11.3	39A



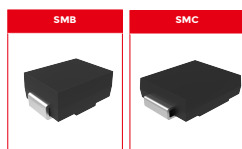
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (uA)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBJP6KE39CA	SMB	Bidirectional	600	33.3	5	37.1	41	1	53.9	11.3	39C
SMBJP6KE400A	SMB	Unidirectional	600	342	1	380	420	1	548	1.1	400A
SMBJP6KE400CA	SMB	Bidirectional	600	342	5	380	420	1	548	1.1	400C
SMBJP6KE43A	SMB	Unidirectional	600	36.8	1	40.9	45.2	1	59.3	10.3	43A
SMBJP6KE43CA	SMB	Bidirectional	600	36.8	5	40.9	45.2	1	59.3	10.3	43C
SMBJP6KE440A	SMB	Unidirectional	600	376	1	418	462	1	602	1	440A
SMBJP6KE440CA	SMB	Bidirectional	600	376	5	418	462	1	602	1	440C
SMBJP6KE47A	SMB	Unidirectional	600	40.2	1	44.7	49.4	1	64.8	9.4	47A
SMBJP6KE47CA	SMB	Bidirectional	600	40.2	5	44.7	49.4	1	64.8	9.4	47C
SMBJP6KE480A	SMB	Unidirectional	600	408	1	456	504	1	658	0.9	480A
SMBJP6KE480CA	SMB	Bidirectional	600	408	5	456	504	1	658	0.9	480C
SMBJP6KE510A	SMB	Unidirectional	600	434	1	485	535	1	698	0.9	510A
SMBJP6KE510CA	SMB	Bidirectional	600	434	5	485	535	1	698	0.9	510C
SMBJP6KE51A	SMB	Unidirectional	600	43.6	1	48.5	53.6	1	70.1	8.7	51A
SMBJP6KE51CA	SMB	Bidirectional	600	43.6	5	48.5	53.6	1	70.1	8.7	51C
SMBJP6KE530A	SMB	Unidirectional	600	477	1	503.5	556.5	1	725	0.8	530A
SMBJP6KE530CA	SMB	Bidirectional	600	477	5	503.5	556.5	1	725	0.8	530C
SMBJP6KE540A	SMB	Unidirectional	600	459	1	513	567	1	740	0.8	540A
SMBJP6KE540CA	SMB	Bidirectional	600	459	5	513	567	1	740	0.8	540C
SMBJP6KE550A	SMB	Unidirectional	600	495	1	522.5	577.5	1	760	0.8	550A
SMBJP6KE550CA	SMB	Bidirectional	600	495	5	522.5	577.5	1	760	0.8	550C
SMBJP6KE56A	SMB	Unidirectional	600	47.8	1	53.2	58.8	1	77	7.9	56A
SMBJP6KE56CA	SMB	Bidirectional	600	47.8	5	53.2	58.8	1	77	7.9	56C
SMBJP6KE6.8A	SMB	Unidirectional	600	5.8	1000	6.45	7.14	10	10.5	58.1	6V8A
SMBJP6KE6.8CA	SMB	Bidirectional	600	5.8	1000	6.45	7.14	10	10.5	58.1	6V8C
SMBJP6KE62A	SMB	Unidirectional	600	53	1	58.9	65.1	1	85	7.2	62A
SMBJP6KE62CA	SMB	Bidirectional	600	53	5	58.9	65.1	1	85	7.2	62C
SMBJP6KE68A	SMB	Unidirectional	600	58.1	1	64.6	71.4	1	92	6.6	68A
SMBJP6KE68CA	SMB	Bidirectional	600	58.1	5	64.6	71.4	1	92	6.6	68C
SMBJP6KE7.5A	SMB	Unidirectional	600	6.4	500	7.13	7.88	10	11.3	54	7V5A
SMBJP6KE7.5CA	SMB	Bidirectional	600	6.4	500	7.13	7.88	10	11.3	54	7V5C
SMBJP6KE75A	SMB	Unidirectional	600	64.1	1	71.3	78.8	1	103	5.9	75A
SMBJP6KE75CA	SMB	Bidirectional	600	64.1	5	71.3	78.8	1	103	5.9	75C
SMBJP6KE8.2A	SMB	Unidirectional	600	7.02	200	7.79	8.61	10	12.1	50.4	8V2A
SMBJP6KE8.2CA	SMB	Bidirectional	600	7.02	200	7.79	8.61	10	12.1	50.4	8V2C
SMBJP6KE82A	SMB	Unidirectional	600	70.1	1	77.9	86.1	1	113	5.4	82A
SMBJP6KE82CA	SMB	Bidirectional	600	70.1	5	77.9	86.1	1	113	5.4	82C
SMBJP6KE9.1A	SMB	Unidirectional	600	7.78	50	8.65	9.55	1	13.4	45.5	9V1A
SMBJP6KE9.1CA	SMB	Bidirectional	600	7.78	50	8.65	9.55	1	13.4	45.5	9V1C
SMBJP6KE91A	SMB	Unidirectional	600	77.8	1	86.5	95.5	1	125	4.9	91A
SMBJP6KE91CA	SMB	Bidirectional	600	77.8	5	86.5	95.5	1	125	4.9	91C
SMBSAC10	SMB	Unidirectional	500	10	5	11.1	NULL	1	16.3	29	SKX
SMBSAC12	SMB	Unidirectional	500	12	5	13.3	NULL	1	19	25	SLE
SMBSAC15	SMB	Unidirectional	500	15	5	16.7	NULL	1	23.6	20	SLM
SMBSAC18	SMB	Unidirectional	500	18	5	20	NULL	1	28.8	15	SLT
SMBSAC22	SMB	Unidirectional	500	22	5	24.4	NULL	1	35.4	14	SLX
SMBSAC26	SMB	Unidirectional	500	26	5	28.9	NULL	1	42.3	11.1	SME
SMBSAC30	SMB	Unidirectional	500	30	5	33.3	NULL	1	48.6	10	SMK
SMBSAC36	SMB	Unidirectional	500	36	5	40	NULL	1	60	8.6	SMP
SMBSAC45	SMB	Unidirectional	500	45	5	50	NULL	1	77	6.8	SMV
SMBSAC5.0	SMB	Unidirectional	500	5	300	7.6	NULL	1	10	44	SKE
SMBSAC50	SMB	Unidirectional	500	50	5	55.5	NULL	1	88	5.8	SMZ
SMBSAC6.0	SMB	Unidirectional	500	6	300	7.9	NULL	1	11.2	41	SKG
SMBSAC7.0	SMB	Unidirectional	500	7	300	8.33	NULL	1	12.6	38	SKM



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μA)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMBSAC8.0	SMB	Unidirectional	500	8	100	8.89	NULL	1	13.4	36	SKR
SMBSAC8.5	SMB	Unidirectional	500	8.5	50	9.44	NULL	1	14	34	SKT
SMBJP6KE13AHE3	SMBJ	Unidirectional	600	11.1	1	12.4	13.7	1	18.2	33.5	13A
SMBJP6KE13CAHE3	SMBJ	Bidirectional	600	11.1	1	12.4	13.7	1	18.2	33.5	13C
SMBJP6KE15AHE3	SMBJ	Unidirectional	600	12.8	1	14.3	15.8	1	21.2	28.8	15A
SMBJP6KE15CAHE3	SMBJ	Bidirectional	600	12.8	1	14.3	15.8	1	21.2	28.8	15C
SMBJP6KE16AHE3	SMBJ	Unidirectional	600	13.6	1	15.2	16.8	1	22.5	27.1	16A
SMBJP6KE16CAHE3	SMBJ	Bidirectional	600	13.6	1	15.2	16.8	1	22.5	27.1	16C
SMBJP6KE18AHE3	SMBJ	Unidirectional	600	15.3	1	17.1	18.9	1	25.5	24.2	18A
SMBJP6KE18CAHE3	SMBJ	Bidirectional	600	15.3	1	17.1	18.9	1	25.5	24.2	18C
SMBJP6KE20AHE3	SMBJ	Unidirectional	600	17.1	1	19	21	1	27.7	22	20A
SMBJP6KE20CAHE3	SMBJ	Bidirectional	600	17.1	1	19	21	1	27.7	22	20C
SMBJP6KE22AHE3	SMBJ	Unidirectional	600	18.8	1	20.9	23.1	1	30.6	19.9	22A
SMBJP6KE22CAHE3	SMBJ	Bidirectional	600	18.8	1	20.9	23.1	1	30.6	19.9	22C
SMBJP6KE24AHE3	SMBJ	Unidirectional	600	20.5	1	22.8	25.2	1	33.2	18.4	24A
SMBJP6KE24CAHE3	SMBJ	Bidirectional	600	20.5	1	22.8	25.2	1	33.2	18.4	24C
SMBJP6KE27AHE3	SMBJ	Unidirectional	600	23.1	1	25.7	28.4	1	37.5	16.3	27A
SMBJP6KE27CAHE3	SMBJ	Bidirectional	600	23.1	1	25.7	28.4	1	37.5	16.3	27C
SMBJP6KE30AHE3	SMBJ	Unidirectional	600	25.6	1	28.5	31.5	1	41.4	14.7	30A
SMBJP6KE30CAHE3	SMBJ	Bidirectional	600	25.6	1	28.5	31.5	1	41.4	14.7	30C
SMBJP6KE33AHE3	SMBJ	Unidirectional	600	28.2	1	31.4	34.7	1	45.7	13.3	33A
SMBJP6KE33CAHE3	SMBJ	Bidirectional	600	28.2	1	31.4	34.7	1	45.7	13.3	33C
SMBJP6KE36AHE3	SMBJ	Unidirectional	600	30.8	1	34.2	37.8	1	49.9	12.2	36A
SMBJP6KE36CAHE3	SMBJ	Bidirectional	600	30.8	1	34.2	37.8	1	49.9	12.2	36C
SMBJP6KE39AHE3	SMBJ	Unidirectional	600	33.3	1	37.1	41	1	53.9	11.3	39A
SMBJP6KE39CAHE3	SMBJ	Bidirectional	600	33.3	1	37.1	41	1	53.9	11.3	39C
SMBJP6KE43AHE3	SMBJ	Unidirectional	600	36.8	1	40.9	45.2	1	59.3	10.3	43A
SMBJP6KE43CAHE3	SMBJ	Bidirectional	600	36.8	1	40.9	45.2	1	59.3	10.3	43C
SMBJP6KE47AHE3	SMBJ	Unidirectional	600	40.2	1	44.7	49.4	1	64.8	9.4	47A
SMBJP6KE47CAHE3	SMBJ	Bidirectional	600	40.2	1	44.7	49.4	1	64.8	9.4	47C
SMBJP6KE51AHE3	SMBJ	Unidirectional	600	43.6	1	48.5	53.6	1	70.1	8.7	51A
SMBJP6KE51CAHE3	SMBJ	Bidirectional	600	43.6	1	48.5	53.6	1	70.1	8.7	51C
SMBJP6KE56AHE3	SMBJ	Unidirectional	600	47.8	1	53.2	58.8	1	77	7.9	56A
SMBJP6KE56CAHE3	SMBJ	Bidirectional	600	47.8	1	53.2	58.8	1	77	7.9	56C
SMBJP6KE62AHE3	SMBJ	Unidirectional	600	53	1	58.9	65.1	1	85	7.2	62A
SMBJP6KE62CAHE3	SMBJ	Bidirectional	600	53	1	58.9	65.1	1	85	7.2	62C
SMBJP6KE68AHE3	SMBJ	Unidirectional	600	58.1	1	64.6	71.4	1	92	6.6	68A
SMBJP6KE68CAHE3	SMBJ	Bidirectional	600	58.1	1	64.6	71.4	1	92	6.6	68C
SMBJP6KE75AHE3	SMBJ	Unidirectional	600	64.1	1	71.3	78.8	1	103	5.9	75A
SMBJP6KE75CAHE3	SMBJ	Bidirectional	600	64.1	1	71.3	78.8	1	103	5.9	75C
SMBJP6KE82AHE3	SMBJ	Unidirectional	600	70.1	1	77.9	86.1	1	113	5.4	82A
SMBJP6KE82CAHE3	SMBJ	Bidirectional	600	70.1	1	77.9	86.1	1	113	5.4	82C
SMBJP6KE91AHE3	SMBJ	Unidirectional	600	77.8	1	86.5	95.5	1	125	4.9	91A
SMBJP6KE91CAHE3	SMBJ	Bidirectional	600	77.8	1	86.5	95.5	1	125	4.9	91C
5.0SMLJ10AHE3	SMC	Unidirectional	5000	10	5	11.1	12.3	1	17	294.12	5SAE
5.0SMLJ10CAHE3	SMC	Bidirectional	5000	10	5	11.1	12.3	1	17	294.12	5DAE
5.0SMLJ11AHE3	SMC	Unidirectional	5000	11	2	12.2	13.5	1	18.2	275	5SAF
5.0SMLJ11CAHE3	SMC	Bidirectional	5000	11	2	12.2	13.5	1	18.2	275	5DAF
5.0SMLJ12AHE3	SMC	Unidirectional	5000	12	2	13.3	14.7	1	19.9	252	5SAG
5.0SMLJ12CAHE3	SMC	Bidirectional	5000	12	2	13.3	14.7	1	19.9	252	5DAG
5.0SMLJ13AHE3	SMC	Unidirectional	5000	13	2	14.4	15.9	1	21.5	233	5SAK
5.0SMLJ13CAHE3	SMC	Bidirectional	5000	13	2	14.4	15.9	1	21.5	233	5DAK
5.0SMLJ14AHE3	SMC	Unidirectional	5000	14	2	15.6	17.2	1	23.2	216	5SAM
5.0SMLJ14CAHE3	SMC	Bidirectional	5000	14	2	15.6	17.2	1	23.2	216	5DAM



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
5.0SMLJ15AHE3	SMC	Unidirectional	5000	15	2	16.7	18.5	1	24.4	205	5SAP
5.0SMLJ15CAHE3	SMC	Bidirectional	5000	15	2	16.7	18.5	1	24.4	205	5DAP
5.0SMLJ16AHE3	SMC	Unidirectional	5000	16	2	17.8	19.7	1	26	193	5SAR
5.0SMLJ16CAHE3	SMC	Bidirectional	5000	16	2	17.8	19.7	1	26	193	5DAR
5.0SMLJ17AHE3	SMC	Unidirectional	5000	17	2	18.9	20.9	1	27.6	181	5SAT
5.0SMLJ17CAHE3	SMC	Bidirectional	5000	17	2	18.9	20.9	1	27.6	181	5DAT
5.0SMLJ18AHE3	SMC	Unidirectional	5000	18	2	20	22.1	1	29.2	172	5SAV
5.0SMLJ18CAHE3	SMC	Bidirectional	5000	18	2	20	22.1	1	29.2	172	5DAV
5.0SMLJ19AHE3	SMC	Unidirectional	5000	19	2	21.1	23.3	1	30.8	162.4	5SAX
5.0SMLJ19CAHE3	SMC	Bidirectional	5000	19	2	21.1	23.3	1	30.8	162.4	5DAX
5.0SMLJ20AHE3	SMC	Unidirectional	5000	20	2	22.2	24.5	1	32.4	155	5SAZ
5.0SMLJ20CAHE3	SMC	Bidirectional	5000	20	2	22.2	24.5	1	32.4	155	5DAZ
5.0SMLJ22AHE3	SMC	Unidirectional	5000	22	2	24.4	26.9	1	35.5	141	5SBE
5.0SMLJ22CAHE3	SMC	Bidirectional	5000	22	2	24.4	26.9	1	35.5	141	5DBE
5.0SMLJ24AHE3	SMC	Unidirectional	5000	24	2	26.7	29.5	1	38.9	129	5SBF
5.0SMLJ24CAHE3	SMC	Bidirectional	5000	24	2	26.7	29.5	1	38.9	129	5DBF
5.0SMLJ26AHE3	SMC	Unidirectional	5000	26	2	28.9	31.9	1	42.1	119	5SBG
5.0SMLJ26CAHE3	SMC	Bidirectional	5000	26	2	28.9	31.9	1	42.1	119	5DBG
5.0SMLJ28AHE3	SMC	Unidirectional	5000	28	2	31.1	34.4	1	45.4	110	5SBK
5.0SMLJ28CAHE3	SMC	Bidirectional	5000	28	2	31.1	34.4	1	45.4	110	5DBK
5.0SMLJ30AHE3	SMC	Unidirectional	5000	30	2	33.3	36.8	1	48.4	103	5SBM
5.0SMLJ30CAHE3	SMC	Bidirectional	5000	30	2	33.3	36.8	1	48.4	103	5DBM
5.0SMLJ33AHE3	SMC	Unidirectional	5000	33	2	36.7	40.6	1	53.3	93.9	5SBP
5.0SMLJ33CAHE3	SMC	Bidirectional	5000	33	2	36.7	40.6	1	53.3	93.9	5DBP
5.0SMLJ36AHE3	SMC	Unidirectional	5000	36	2	40	44.2	1	58.1	86.1	5SBR
5.0SMLJ36CAHE3	SMC	Bidirectional	5000	36	2	40	44.2	1	58.1	86.1	5DBR
5.0SMLJ40AHE3	SMC	Unidirectional	5000	40	2	44.4	49.1	1	64.5	77.6	5SBT
5.0SMLJ40CAHE3	SMC	Bidirectional	5000	40	2	44.4	49.1	1	64.5	77.6	5DBT
5.0SMLJ43AHE3	SMC	Unidirectional	5000	43	2	47.8	52.8	1	69.4	72.1	5SBV
5.0SMLJ43CAHE3	SMC	Bidirectional	5000	43	2	47.8	52.8	1	69.4	72.1	5DBV
5.0SMLJ45AHE3	SMC	Unidirectional	5000	45	2	50	55.3	1	72.7	68.8	5SBX
5.0SMLJ45CAHE3	SMC	Bidirectional	5000	45	2	50	55.3	1	72.7	68.8	5DBX
5.0SMLJ48AHE3	SMC	Unidirectional	5000	48	2	53.3	58.9	1	77.4	64.7	5SBZ
5.0SMLJ48CAHE3	SMC	Bidirectional	5000	48	2	53.3	58.9	1	77.4	64.7	5DBZ
5.0SMLJ51AHE3	SMC	Unidirectional	5000	51	2	56.7	62.7	1	82.4	60.7	5SCE
5.0SMLJ51CAHE3	SMC	Bidirectional	5000	51	2	56.7	62.7	1	82.4	60.7	5DCE
5.0SMLJ54AHE3	SMC	Unidirectional	5000	54	2	60	66.3	1	87.1	57.5	5SCF
5.0SMLJ54CAHE3	SMC	Bidirectional	5000	54	2	60	66.3	1	87.1	57.5	5DCF
5.0SMLJ58AHE3	SMC	Unidirectional	5000	58	2	64.4	71.2	1	93.6	53.5	5SCG
5.0SMLJ58CAHE3	SMC	Bidirectional	5000	58	2	64.4	71.2	1	93.6	53.5	5DCG
5.0SMLJ100A	SMC	Unidirectional	5000	100	5	111	123	1	162	30.9	5PGZ
5.0SMLJ100CA	SMC	Bidirectional	5000	100	5	111	123	1	162	30.9	5BGZ
5.0SMLJ110A	SMC	Unidirectional	5000	110	5	122	135	1	177	28.3	5PHE
5.0SMLJ110CA	SMC	Bidirectional	5000	110	5	122	135	1	177	28.3	5BHE
5.0SMLJ11A	SMC	Unidirectional	5000	11	800	12.2	13.5	10	18.2	275	5PEN
5.0SMLJ11CA	SMC	Bidirectional	5000	11	800	12.2	13.5	10	18.2	275	5BEN
5.0SMLJ120A	SMC	Unidirectional	5000	120	5	133	147	1	193	26	5PHG
5.0SMLJ120CA	SMC	Bidirectional	5000	120	5	133	147	1	193	26	5BHG
5.0SMLJ12A	SMC	Unidirectional	5000	12	800	13.3	14.7	10	19.9	252	5PEP
5.0SMLJ12CA	SMC	Bidirectional	5000	12	800	13.3	14.7	10	19.9	252	5BEP
5.0SMLJ130A	SMC	Unidirectional	5000	130	5	144	159	1	209	24	5PHK
5.0SMLJ130CA	SMC	Bidirectional	5000	130	5	144	159	1	209	24	5BHK
5.0SMLJ13A	SMC	Unidirectional	5000	13	500	14.4	15.9	10	21.5	233	5PEQ
5.0SMLJ13CA	SMC	Bidirectional	5000	13	500	14.4	15.9	10	21.5	233	5BEQ



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
5.0SMLJ14A	SMC	Unidirectional	5000	14	200	15.6	17.2	10	23.2	216	5PER
5.0SMLJ14CA	SMC	Bidirectional	5000	14	200	15.6	17.2	10	23.2	216	5BER
5.0SMLJ150A	SMC	Unidirectional	5000	150	5	167	185	1	243	20.6	5PHM
5.0SMLJ150CA	SMC	Bidirectional	5000	150	5	167	185	1	243	20.6	5BHM
5.0SMLJ15A	SMC	Unidirectional	5000	15	100	16.7	18.5	1	24.4	205	5PES
5.0SMLJ15CA	SMC	Bidirectional	5000	15	100	16.7	18.5	1	24.4	205	5BES
5.0SMLJ160A	SMC	Unidirectional	5000	160	5	178	197	1	259	19.3	5PHP
5.0SMLJ160CA	SMC	Bidirectional	5000	160	5	178	197	1	259	19.3	5BHP
5.0SMLJ16A	SMC	Unidirectional	5000	16	50	17.8	19.7	1	26	193	5PET
5.0SMLJ16CA	SMC	Bidirectional	5000	16	50	17.8	19.7	1	26	193	5BET
5.0SMLJ170A	SMC	Unidirectional	5000	170	5	189	209	1	275	18.2	5PHR
5.0SMLJ170CA	SMC	Bidirectional	5000	170	5	189	209	1	275	18.2	5BHR
5.0SMLJ17A	SMC	Unidirectional	5000	17	20	18.9	20.9	1	27.6	181	5PEU
5.0SMLJ17CA	SMC	Bidirectional	5000	17	20	18.9	20.9	1	27.6	181	5BEU
5.0SMLJ180A	SMC	Unidirectional	5000	180	5	200	220	1	292	17.1	5PHT
5.0SMLJ18A	SMC	Unidirectional	5000	18	10	20	22.1	1	29.2	172	5PEV
5.0SMLJ18CA	SMC	Bidirectional	5000	18	10	20	22.1	1	29.2	172	5BEV
5.0SMLJ190A	SMC	Unidirectional	5000	190	5	211	258	1	308	16.2	5PHV
5.0SMLJ200A	SMC	Unidirectional	5000	200	5	224	247	1	324	15.4	5PHW
5.0SMLJ20A	SMC	Unidirectional	5000	20	5	22.2	24.5	1	32.4	155	5PEW
5.0SMLJ20CA	SMC	Bidirectional	5000	20	5	22.2	24.5	1	32.4	155	5BEW
5.0SMLJ220A	SMC	Unidirectional	5000	220	5	246	272	1	356	14	5PHX
5.0SMLJ22A	SMC	Unidirectional	5000	22	5	24.4	26.9	1	35.5	141	5PEX
5.0SMLJ22CA	SMC	Bidirectional	5000	22	5	24.4	26.9	1	35.5	141	5BEX
5.0SMLJ24A	SMC	Unidirectional	5000	24	5	26.7	29.5	1	38.9	129	5PEZ
5.0SMLJ24CA	SMC	Bidirectional	5000	24	5	26.7	29.5	1	38.9	129	5BEZ
5.0SMLJ250A	SMC	Unidirectional	5000	250	5	279	309	1	405	12.3	5PHZ
5.0SMLJ26A	SMC	Unidirectional	5000	26	5	28.9	31.9	1	42.1	119	5PFE
5.0SMLJ26CA	SMC	Bidirectional	5000	26	5	28.9	31.9	1	42.1	119	5BFE
5.0SMLJ28A	SMC	Unidirectional	5000	28	5	31.1	34.4	1	45.4	110	5PFG
5.0SMLJ28CA	SMC	Bidirectional	5000	28	5	31.1	34.4	1	45.4	110	5BFG
5.0SMLJ300A	SMC	Unidirectional	5000	300	5	335	271	1	486	10.3	5PJE
5.0SMLJ30A	SMC	Unidirectional	5000	30	5	33.3	36.8	1	48.4	103	5PFK
5.0SMLJ30CA	SMC	Bidirectional	5000	30	5	33.3	36.8	1	48.4	103	5BFK
5.0SMLJ33A	SMC	Unidirectional	5000	33	5	36.7	40.6	1	53.3	93.9	5PFM
5.0SMLJ33CA	SMC	Bidirectional	5000	33	5	36.7	40.6	1	53.3	93.9	5BFM
5.0SMLJ350A	SMC	Unidirectional	5000	350	5	391	432	1	567	8.8	5PJG
5.0SMLJ36A	SMC	Unidirectional	5000	36	5	40	44.2	1	58.1	86.1	5PFP
5.0SMLJ36CA	SMC	Bidirectional	5000	36	5	40	44.2	1	58.1	86.1	5BFP
5.0SMLJ400A	SMC	Unidirectional	5000	400	5	447	494	1	648	7.7	5PJK
5.0SMLJ40A	SMC	Unidirectional	5000	40	5	44.4	49.1	1	64.5	77.6	5PFR
5.0SMLJ40CA	SMC	Bidirectional	5000	40	5	44.4	49.1	1	64.5	77.6	5BFR
5.0SMLJ43A	SMC	Unidirectional	5000	43	5	47.8	52.8	1	69.4	72.1	5PFT
5.0SMLJ43CA	SMC	Bidirectional	5000	43	5	47.8	52.8	1	69.4	72.1	5BFT
5.0SMLJ45A	SMC	Unidirectional	5000	45	5	50	55.3	1	72.7	68.8	5PFV
5.0SMLJ45CA	SMC	Bidirectional	5000	45	5	50	55.3	1	72.7	68.8	5BFV
5.0SMLJ48A	SMC	Unidirectional	5000	48	5	53.3	58.9	1	77.4	64.7	5PFX
5.0SMLJ48CA	SMC	Bidirectional	5000	48	5	53.3	58.9	1	77.4	64.7	5BFX
5.0SMLJ51A	SMC	Unidirectional	5000	51	5	56.7	62.7	1	82.4	60.7	5PFZ
5.0SMLJ51CA	SMC	Bidirectional	5000	51	5	56.7	62.7	1	82.4	60.7	5BFZ
5.0SMLJ54A	SMC	Unidirectional	5000	54	5	60	66.3	1	87.1	57.5	5RGE
5.0SMLJ54CA	SMC	Bidirectional	5000	54	5	60	66.3	1	87.1	57.5	5BGE
5.0SMLJ58A	SMC	Unidirectional	5000	58	5	64.4	71.2	1	93.6	53.5	5PGG
5.0SMLJ58CA	SMC	Bidirectional	5000	58	5	64.4	71.2	1	93.6	53.5	5BGG



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P _D (W)	V _{RWM} (V)	I _R (µA)	Min V _{BR} (V)	Max V _{BR} (V)	I _T (mA)	V _C (V)	I _{PP} (A)	
5.0SMLJ60A	SMC	Unidirectional	5000	60	5	66.7	73.7	1	96.8	51.7	5PGK
5.0SMLJ60CA	SMC	Bidirectional	5000	60	5	66.7	73.7	1	96.8	51.7	5BGK
5.0SMLJ64A	SMC	Unidirectional	5000	64	5	71.1	78.6	1	103	48.6	5PGM
5.0SMLJ64CA	SMC	Bidirectional	5000	64	5	71.1	78.6	1	103	48.6	5BGM
5.0SMLJ70A	SMC	Unidirectional	5000	70	5	77.8	86	1	113	44.3	5PGP
5.0SMLJ70CA	SMC	Bidirectional	5000	70	5	77.8	86	1	113	44.3	5BGP
5.0SMLJ75A	SMC	Unidirectional	5000	75	5	83.3	92.1	1	121	41.4	5PGR
5.0SMLJ75CA	SMC	Bidirectional	5000	75	5	83.3	92.1	1	121	41.4	5BGR
5.0SMLJ78A	SMC	Unidirectional	5000	78	5	86.7	95.8	1	126	39.7	5PGT
5.0SMLJ78CA	SMC	Bidirectional	5000	78	5	86.7	95.8	1	126	39.7	5BGT
5.0SMLJ85A	SMC	Unidirectional	5000	85	5	94.4	104	1	137	36.5	5PGV
5.0SMLJ85CA	SMC	Bidirectional	5000	85	5	94.4	104	1	137	36.5	5BGV
5.0SMLJ90A	SMC	Unidirectional	5000	90	5	100	111	1	146	34.3	5PGX
5.0SMLJ90CA	SMC	Bidirectional	5000	90	5	100	111	1	146	34.3	5BGX
SMCJ1.5KE12AHE3	SMC	Unidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	12A
SMCJ1.5KE12CAHE3	SMC	Bidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	12C
SMCJ1.5KE13AHE3	SMC	Unidirectional	1500	11.1	1	12.4	13.7	1	18.2	83.5	13A
SMCJ1.5KE13CAHE3	SMC	Bidirectional	1500	11.1	1	12.4	13.7	1	18.2	83.5	13C
SMCJ1.5KE15AHE3	SMC	Unidirectional	1500	12.8	1	14.3	15.8	1	21.2	71.7	15A
SMCJ1.5KE15CAHE3	SMC	Bidirectional	1500	12.8	1	14.3	15.8	1	21.2	71.7	15C
SMCJ1.5KE16AHE3	SMC	Unidirectional	1500	13.6	1	15.2	16.8	1	22.5	67.6	16A
SMCJ1.5KE16CAHE3	SMC	Bidirectional	1500	13.6	1	15.2	16.8	1	22.5	67.6	16C
SMCJ1.5KE18AHE3	SMC	Unidirectional	1500	15.3	1	17.1	18.9	1	25.5	60.3	18A
SMCJ1.5KE18CAHE3	SMC	Bidirectional	1500	15.3	1	17.1	18.9	1	25.5	60.3	18C
SMCJ1.5KE20AHE3	SMC	Unidirectional	1500	17.1	1	19	21	1	27.7	54.9	20A
SMCJ1.5KE20CAHE3	SMC	Bidirectional	1500	17.1	1	19	21	1	27.7	54.9	20C
SMCJ1.5KE22AHE3	SMC	Unidirectional	1500	18.8	1	20.9	23.1	1	30.6	49.7	22A
SMCJ1.5KE22CAHE3	SMC	Bidirectional	1500	18.8	1	20.9	23.1	1	30.6	49.7	22C
SMCJ1.5KE24AHE3	SMC	Unidirectional	1500	20.5	1	22.8	25.2	1	33.2	45.8	24A
SMCJ1.5KE24CAHE3	SMC	Bidirectional	1500	20.5	1	22.8	25.2	1	33.2	45.8	24C
SMCJ1.5KE27AHE3	SMC	Unidirectional	1500	23.1	1	25.7	28.4	1	37.5	40.5	27A
SMCJ1.5KE27CAHE3	SMC	Bidirectional	1500	23.1	1	25.7	28.4	1	37.5	40.5	27C
SMCJ1.5KE30AHE3	SMC	Unidirectional	1500	25.6	1	28.5	31.5	1	41.4	36.7	30A
SMCJ1.5KE30CAHE3	SMC	Bidirectional	1500	25.6	1	28.5	31.5	1	41.4	36.7	30C
SMCJ1.5KE33AHE3	SMC	Unidirectional	1500	28.2	1	31.4	34.7	1	45.7	33.3	33A
SMCJ1.5KE33CAHE3	SMC	Bidirectional	1500	28.2	1	31.4	34.7	1	45.7	33.3	33C
SMCJ1.5KE36AHE3	SMC	Unidirectional	1500	30.8	1	34.2	37.8	1	49.9	30.5	36A
SMCJ1.5KE36CAHE3	SMC	Bidirectional	1500	30.8	1	34.2	37.8	1	49.9	30.5	36C
SMCJ1.5KE39AHE3	SMC	Unidirectional	1500	33.3	1	37.1	41	1	53.9	28.2	39A
SMCJ1.5KE39CAHE3	SMC	Bidirectional	1500	33.3	1	37.1	41	1	53.9	28.2	39C
SMCJ1.5KE43AHE3	SMC	Unidirectional	1500	36.8	1	40.9	45.2	1	59.3	25.6	43A
SMCJ1.5KE43CAHE3	SMC	Bidirectional	1500	36.8	1	40.9	45.2	1	59.3	25.6	43C
SMCJ1.5KE47AHE3	SMC	Unidirectional	1500	40.2	1	44.7	49.4	1	64.8	23.5	47A
SMCJ1.5KE47CAHE3	SMC	Bidirectional	1500	40.2	1	44.7	49.4	1	64.8	23.5	47C
SMCJ1.5KE51AHE3	SMC	Unidirectional	1500	43.6	1	48.5	53.6	1	70.1	21.7	51A
SMCJ1.5KE51CAHE3	SMC	Bidirectional	1500	43.6	1	48.5	53.6	1	70.1	21.7	51C
SMCJ1.5KE56AHE3	SMC	Unidirectional	1500	47.8	1	53.2	58.8	1	77	19.7	56A
SMCJ1.5KE56CAHE3	SMC	Bidirectional	1500	47.8	1	53.2	58.8	1	77	19.7	56C
SMCJ1.5KE62AHE3	SMC	Unidirectional	1500	53	1	58.9	65.1	1	85	17.9	62A
SMCJ1.5KE62CAHE3	SMC	Bidirectional	1500	53	1	58.9	65.1	1	85	17.9	62C
SMCJ1.5KE68AHE3	SMC	Unidirectional	1500	58.1	1	64.6	71.4	1	92	16.5	68A
SMCJ1.5KE68CAHE3	SMC	Bidirectional	1500	58.1	1	64.6	71.4	1	92	16.5	68C
SMCJ1.5KE75AHE3	SMC	Unidirectional	1500	64.1	1	71.3	78.8	1	103	14.8	75A
SMCJ1.5KE75CAHE3	SMC	Bidirectional	1500	64.1	1	71.3	78.8	1	103	14.8	75C



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMCJ1.5KE82AHE3	SMC	Unidirectional	1500	70.1	1	77.9	86.1	1	113	13.5	82A
SMCJ1.5KE82CAHE3	SMC	Bidirectional	1500	70.1	1	77.9	86.1	1	113	13.5	82C
SMCJ1.5KE91AHE3	SMC	Unidirectional	1500	77.8	1	86.5	95.5	1	125	12.2	91A
SMCJ1.5KE91CAHE3	SMC	Bidirectional	1500	77.8	1	86.5	95.5	1	125	12.2	91C
SMCJ1.5KE100A	SMC	Unidirectional	1500	85.5	5	95	105	1	137	11.1	100A
SMCJ1.5KE100CA	SMC	Bidirectional	1500	85.5	5	95	105	1	137	11.1	100C
SMCJ1.5KE10A	SMC	Unidirectional	1500	8.55	10	9.5	10.5	1	14.5	104.8	10A
SMCJ1.5KE10CA	SMC	Bidirectional	1500	8.55	10	9.5	10.5	1	14.5	104.8	10C
SMCJ1.5KE110A	SMC	Unidirectional	1500	94	5	105	116	1	152	10	110A
SMCJ1.5KE110CA	SMC	Bidirectional	1500	94	5	105	116	1	152	10	110C
SMCJ1.5KE11A	SMC	Unidirectional	1500	9.4	5	10.5	11.6	1	15.6	97.4	11A
SMCJ1.5KE11CA	SMC	Bidirectional	1500	9.4	5	10.5	11.6	1	15.6	97.4	11C
SMCJ1.5KE120A	SMC	Unidirectional	1500	102	5	114	126	1	165	9.2	120A
SMCJ1.5KE120CA	SMC	Bidirectional	1500	102	5	114	126	1	165	9.2	120C
SMCJ1.5KE12A	SMC	Unidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	12A
SMCJ1.5KE12CA	SMC	Bidirectional	1500	10.2	5	11.4	12.6	1	16.7	91	12C
SMCJ1.5KE130A	SMC	Unidirectional	1500	111	5	124	137	1	179	8.5	130A
SMCJ1.5KE130CA	SMC	Bidirectional	1500	111	5	124	137	1	179	8.5	130C
SMCJ1.5KE13A	SMC	Unidirectional	1500	11.1	5	12.4	13.7	1	18.2	83.5	13A
SMCJ1.5KE13CA	SMC	Bidirectional	1500	11.1	5	12.4	13.7	1	18.2	83.5	13C
SMCJ1.5KE150A	SMC	Unidirectional	1500	128	5	143	158	1	207	7.3	150A
SMCJ1.5KE150CA	SMC	Bidirectional	1500	128	5	143	158	1	207	7.3	150C
SMCJ1.5KE15A	SMC	Unidirectional	1500	12.8	5	14.3	15.8	1	21.2	71.7	15A
SMCJ1.5KE15CA	SMC	Bidirectional	1500	12.8	5	14.3	15.8	1	21.2	71.7	15C
SMCJ1.5KE160A	SMC	Unidirectional	1500	136	5	152	168	1	219	6.9	160A
SMCJ1.5KE160CA	SMC	Bidirectional	1500	136	5	152	168	1	219	6.9	160C
SMCJ1.5KE16A	SMC	Unidirectional	1500	13.6	5	15.2	16.8	1	22.5	67.6	16A
SMCJ1.5KE16CA	SMC	Bidirectional	1500	13.6	5	15.2	16.8	1	22.5	67.6	16C
SMCJ1.5KE170A	SMC	Unidirectional	1500	145	5	162	179	1	234	6.5	170A
SMCJ1.5KE170CA	SMC	Bidirectional	1500	145	5	162	179	1	234	6.5	170C
SMCJ1.5KE180A	SMC	Unidirectional	1500	154	5	171	189	1	246	6.2	180A
SMCJ1.5KE180CA	SMC	Bidirectional	1500	154	5	171	189	1	246	6.2	180C
SMCJ1.5KE18A	SMC	Unidirectional	1500	15.3	5	17.1	18.9	1	25.5	60.3	18A
SMCJ1.5KE18CA	SMC	Bidirectional	1500	15.3	5	17.1	18.9	1	25.5	60.3	18C
SMCJ1.5KE200A	SMC	Unidirectional	1500	171	5	190	210	1	274	5.5	200A
SMCJ1.5KE200CA	SMC	Bidirectional	1500	171	5	190	210	1	274	5.5	200C
SMCJ1.5KE20A	SMC	Unidirectional	1500	17.1	5	19	21	1	27.7	54.9	20A
SMCJ1.5KE20CA	SMC	Bidirectional	1500	17.1	5	19	21	1	27.7	54.9	20C
SMCJ1.5KE220A	SMC	Unidirectional	1500	185	5	209	231	1	328	4.6	220A
SMCJ1.5KE220CA	SMC	Bidirectional	1500	185	5	209	231	1	328	4.6	220C
SMCJ1.5KE22A	SMC	Unidirectional	1500	18.8	5	20.9	23.1	1	30.6	49.7	22A
SMCJ1.5KE22CA	SMC	Bidirectional	1500	18.8	5	20.9	23.1	1	30.6	49.7	22C
SMCJ1.5KE24A	SMC	Unidirectional	1500	20.5	5	22.8	25.2	1	33.2	45.8	24A
SMCJ1.5KE24CA	SMC	Bidirectional	1500	20.5	5	22.8	25.2	1	33.2	45.8	24C
SMCJ1.5KE250A	SMC	Unidirectional	1500	214	5	237	263	1	344	4.4	250A
SMCJ1.5KE250CA	SMC	Bidirectional	1500	214	5	237	263	1	344	4.4	250C
SMCJ1.5KE27A	SMC	Unidirectional	1500	23.1	5	25.7	28.4	1	37.5	40.5	27A
SMCJ1.5KE27CA	SMC	Bidirectional	1500	23.1	5	25.7	28.4	1	37.5	40.5	27C
SMCJ1.5KE300A	SMC	Unidirectional	1500	256	5	285	315	1	414	3.7	300A
SMCJ1.5KE300CA	SMC	Bidirectional	1500	256	5	285	315	1	414	3.7	300C
SMCJ1.5KE30A	SMC	Unidirectional	1500	25.6	5	28.5	31.5	1	41.4	36.7	30A
SMCJ1.5KE30CA	SMC	Bidirectional	1500	25.6	5	28.5	31.5	1	41.4	36.7	30C
SMCJ1.5KE33A	SMC	Unidirectional	1500	28.2	5	31.4	34.7	1	45.7	33.3	33A
SMCJ1.5KE33CA	SMC	Bidirectional	1500	28.2	5	31.4	34.7	1	45.7	33.3	33C



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (uA)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMCJ1.5KE350A	SMC	Unidirectional	1500	300	5	332	368	1	482	3.2	350A
SMCJ1.5KE350CA	SMC	Bidirectional	1500	300	5	332	368	1	482	3.2	350C
SMCJ1.5KE36A	SMC	Unidirectional	1500	30.8	5	34.2	37.8	1	49.9	30.5	36A
SMCJ1.5KE36CA	SMC	Bidirectional	1500	30.8	5	34.2	37.8	1	49.9	30.5	36C
SMCJ1.5KE39A	SMC	Unidirectional	1500	33.3	5	37.1	41	1	53.9	28.2	39A
SMCJ1.5KE39CA	SMC	Bidirectional	1500	33.3	5	37.1	41	1	53.9	28.2	39C
SMCJ1.5KE400A	SMC	Unidirectional	1500	342	5	380	420	1	548	2.8	400A
SMCJ1.5KE400CA	SMC	Bidirectional	1500	342	5	380	420	1	548	2.8	400C
SMCJ1.5KE43A	SMC	Unidirectional	1500	36.8	5	40.9	45.2	1	59.3	25.6	43A
SMCJ1.5KE43CA	SMC	Bidirectional	1500	36.8	5	40.9	45.2	1	59.3	25.6	43C
SMCJ1.5KE440A	SMC	Unidirectional	1500	376	5	418	462	1	602	2.5	440A
SMCJ1.5KE440CA	SMC	Bidirectional	1500	376	5	418	462	1	602	2.5	440C
SMCJ1.5KE47A	SMC	Unidirectional	1500	40.2	5	44.7	49.4	1	64.8	23.5	47A
SMCJ1.5KE47CA	SMC	Bidirectional	1500	40.2	5	44.7	49.4	1	64.8	23.5	47C
SMCJ1.5KE480A	SMC	Unidirectional	1500	408	5	456	504	1	658	2.3	480A
SMCJ1.5KE480CA	SMC	Bidirectional	1500	408	5	456	504	1	658	2.3	480C
SMCJ1.5KE510A	SMC	Unidirectional	1500	434	5	485	535	1	698	2.1	510A
SMCJ1.5KE510CA	SMC	Bidirectional	1500	434	5	485	535	1	698	2.1	510C
SMCJ1.5KE51A	SMC	Unidirectional	1500	43.6	5	48.5	53.6	1	70.1	21.7	51A
SMCJ1.5KE51CA	SMC	Bidirectional	1500	43.6	5	48.5	53.6	1	70.1	21.7	51C
SMCJ1.5KE530A	SMC	Unidirectional	1500	477	5	503.5	556.5	1	725	2.1	530A
SMCJ1.5KE530CA	SMC	Bidirectional	1500	477	5	503.5	556.5	1	725	2.1	530C
SMCJ1.5KE540A	SMC	Unidirectional	1500	459	5	513	567	1	740	2	540A
SMCJ1.5KE540CA	SMC	Bidirectional	1500	459	5	513	567	1	740	2	540C
SMCJ1.5KE550A	SMC	Unidirectional	1500	495	5	522.5	577.5	1	760	2	550A
SMCJ1.5KE550CA	SMC	Bidirectional	1500	495	5	522.5	577.5	1	760	2	550C
SMCJ1.5KE56A	SMC	Unidirectional	1500	47.8	5	53.2	58.8	1	77	19.7	56A
SMCJ1.5KE56CA	SMC	Bidirectional	1500	47.8	5	53.2	58.8	1	77	19.7	56C
SMCJ1.5KE6.8A	SMC	Unidirectional	1500	5.8	1000	6.45	7.14	10	10.5	144.8	6V8A
SMCJ1.5KE6.8CA	SMC	Bidirectional	1500	5.8	1000	6.45	7.14	10	10.5	144.8	6V8C
SMCJ1.5KE62A	SMC	Unidirectional	1500	53	5	58.9	65.1	1	85	17.9	62A
SMCJ1.5KE62CA	SMC	Bidirectional	1500	53	5	58.9	65.1	1	85	17.9	62C
SMCJ1.5KE68A	SMC	Unidirectional	1500	58.1	5	64.6	71.4	1	92	16.5	68A
SMCJ1.5KE68CA	SMC	Bidirectional	1500	58.1	5	64.6	71.4	1	92	16.5	68C
SMCJ1.5KE7.5A	SMC	Unidirectional	1500	6.4	500	7.13	7.88	10	11.3	134.5	7V5A
SMCJ1.5KE7.5CA	SMC	Bidirectional	1500	6.4	500	7.13	7.88	10	11.3	134.5	7V5C
SMCJ1.5KE75A	SMC	Unidirectional	1500	64.1	5	71.3	78.8	1	103	14.8	75A
SMCJ1.5KE75CA	SMC	Bidirectional	1500	64.1	5	71.3	78.8	1	103	14.8	75C
SMCJ1.5KE8.2A	SMC	Unidirectional	1500	7.02	200	7.79	8.61	10	12.1	125.6	8V2A
SMCJ1.5KE8.2CA	SMC	Bidirectional	1500	7.02	200	7.79	8.61	10	12.1	125.6	8V2C
SMCJ1.5KE82A	SMC	Unidirectional	1500	70.1	5	77.9	86.1	1	113	13.5	82A
SMCJ1.5KE82CA	SMC	Bidirectional	1500	70.1	5	77.9	86.1	1	113	13.5	82C
SMCJ1.5KE9.1A	SMC	Unidirectional	1500	7.78	50	8.65	9.55	1	13.4	113.4	9V1A
SMCJ1.5KE9.1CA	SMC	Bidirectional	1500	7.78	50	8.65	9.55	1	13.4	113.4	9V1C
SMCJ1.5KE91A	SMC	Unidirectional	1500	77.8	5	86.5	95.5	1	125	12.2	91A
SMCJ1.5KE91CA	SMC	Bidirectional	1500	77.8	5	86.5	95.5	1	125	12.2	91C
SMCJ10AHE3	SMC	Unidirectional	1500	10	5	11.1	12.3	1	17	88.2	GDX
SMCJ10CAHE3	SMC	Bidirectional	1500	10	5	11.1	12.3	1	17	88.2	BDX
SMCJ11AHE3	SMC	Unidirectional	1500	11	1	12.2	13.5	1	18.2	82.4	GDZ
SMCJ11CAHE3	SMC	Bidirectional	1500	11	1	12.2	13.5	1	18.2	82.4	BDZ
SMCJ12AHE3	SMC	Unidirectional	1500	12	1	13.3	14.7	1	19.9	75.3	GEE
SMCJ12CAHE3	SMC	Bidirectional	1500	12	1	13.3	14.7	1	19.9	75.3	BEE
SMCJ13AHE3	SMC	Unidirectional	1500	13	1	14.4	15.9	1	21.5	69.7	GEG
SMCJ13CAHE3	SMC	Bidirectional	1500	13	1	14.4	15.9	1	21.5	69.7	BEG



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMCJ14AHE3	SMC	Unidirectional	1500	14	1	15.6	17.2	1	23.2	64.7	GEK
SMCJ14CAHE3	SMC	Bidirectional	1500	14	1	15.6	17.2	1	23.2	64.7	BEK
SMCJ15AHE3	SMC	Unidirectional	1500	15	1	16.7	18.5	1	24.4	61.5	GEM
SMCJ15CAHE3	SMC	Bidirectional	1500	15	1	16.7	18.5	1	24.4	61.5	BEM
SMCJ16AHE3	SMC	Unidirectional	1500	16	1	17.8	19.7	1	26	57.7	GEP
SMCJ16CAHE3	SMC	Bidirectional	1500	16	1	17.8	19.7	1	26	57.7	BEP
SMCJ17AHE3	SMC	Unidirectional	1500	17	1	18.9	20.9	1	27.6	53.3	GER
SMCJ17CAHE3	SMC	Bidirectional	1500	17	1	18.9	20.9	1	27.6	53.3	BER
SMCJ18AHE3	SMC	Unidirectional	1500	18	1	20	22.1	1	29.2	51.4	GET
SMCJ18CAHE3	SMC	Bidirectional	1500	18	1	20	22.1	1	29.2	51.4	BET
SMCJ20AHE3	SMC	Unidirectional	1500	20	1	22.2	24.5	1	32.4	46.3	GEV
SMCJ20CAHE3	SMC	Bidirectional	1500	20	1	22.2	24.5	1	32.4	46.3	BEV
SMCJ22AHE3	SMC	Unidirectional	1500	22	1	24.4	26.9	1	35.5	42.2	GEX
SMCJ22CAHE3	SMC	Bidirectional	1500	22	1	24.4	26.9	1	35.5	42.2	BEX
SMCJ24AHE3	SMC	Unidirectional	1500	24	1	26.7	29.5	1	38.9	38.6	GEZ
SMCJ24CAHE3	SMC	Bidirectional	1500	24	1	26.7	29.5	1	38.9	38.6	BEZ
SMCJ26AHE3	SMC	Unidirectional	1500	26	1	28.9	31.9	1	42.1	35.6	GFE
SMCJ26CAHE3	SMC	Bidirectional	1500	26	1	28.9	31.9	1	42.1	35.6	BFE
SMCJ28AHE3	SMC	Unidirectional	1500	28	1	31.1	34.4	1	45.4	33	GFG
SMCJ28CAHE3	SMC	Bidirectional	1500	28	1	31.1	34.4	1	45.4	33	BFG
SMCJ30AHE3	SMC	Unidirectional	1500	30	1	33.3	36.8	1	48.4	31	GFK
SMCJ30CAHE3	SMC	Bidirectional	1500	30	1	33.3	36.8	1	48.4	31	BFK
SMCJ33AHE3	SMC	Unidirectional	1500	33	1	36.7	40.6	1	53.3	28.1	GFM
SMCJ33CAHE3	SMC	Bidirectional	1500	33	1	36.7	40.6	1	53.3	28.1	BFM
SMCJ36AHE3	SMC	Unidirectional	1500	36	1	40	44.2	1	58.1	25.8	GFP
SMCJ36CAHE3	SMC	Bidirectional	1500	36	1	40	44.2	1	58.1	25.8	BFP
SMCJ40AHE3	SMC	Unidirectional	1500	40	1	44.4	49.1	1	64.5	23.2	GFR
SMCJ40CAHE3	SMC	Bidirectional	1500	40	1	44.4	49.1	1	64.5	23.2	BFR
SMCJ43AHE3	SMC	Unidirectional	1500	43	1	47.8	52.8	1	69.4	21.6	GFT
SMCJ43CAHE3	SMC	Bidirectional	1500	43	1	47.8	52.8	1	69.4	21.6	BFT
SMCJ45AHE3	SMC	Unidirectional	1500	45	1	50	55.3	1	72.7	20.6	GFV
SMCJ45CAHE3	SMC	Bidirectional	1500	45	1	50	55.3	1	72.7	20.6	BFV
SMCJ48AHE3	SMC	Unidirectional	1500	48	1	53.3	58.9	1	77.4	19.4	GFX
SMCJ48CAHE3	SMC	Bidirectional	1500	48	1	53.3	58.9	1	77.4	19.4	BFX
SMCJ51AHE3	SMC	Unidirectional	1500	51	1	56.7	62.7	1	82.4	18.2	GFZ
SMCJ51CAHE3	SMC	Bidirectional	1500	51	1	56.7	62.7	1	82.4	18.2	BFZ
SMCJ54AHE3	SMC	Unidirectional	1500	54	1	60	66.3	1	87.1	17.2	GGE
SMCJ54CAHE3	SMC	Bidirectional	1500	54	1	60	66.3	1	87.1	17.2	BGE
SMCJ58AHE3	SMC	Unidirectional	1500	58	1	64.4	71.2	1	93.6	16	GGG
SMCJ58CAHE3	SMC	Bidirectional	1500	58	1	64.4	71.2	1	93.6	16	BGG
SMCJ60AHE3	SMC	Unidirectional	1500	60	1	66.7	73.7	1	96.8	15.5	GGK
SMCJ60CAHE3	SMC	Bidirectional	1500	60	1	66.7	73.7	1	96.8	15.5	BGK
SMCJ64AHE3	SMC	Unidirectional	1500	64	1	71.1	78.6	1	103	14.6	GGM
SMCJ64CAHE3	SMC	Bidirectional	1500	64	1	71.1	78.6	1	103	14.6	BGM
SMCJ70AHE3	SMC	Unidirectional	1500	70	1	77.8	86	1	113	13.3	GGP
SMCJ70CAHE3	SMC	Bidirectional	1500	70	1	77.8	86	1	113	13.3	BGP
SMCJ75AHE3	SMC	Unidirectional	1500	75	1	83.3	92.1	1	121	12.4	GGR
SMCJ75CAHE3	SMC	Bidirectional	1500	75	1	83.3	92.1	1	121	12.4	BGR
SMCJ78AHE3	SMC	Unidirectional	1500	78	1	86.7	95.8	1	126	11.9	GGT
SMCJ78CAHE3	SMC	Bidirectional	1500	78	1	86.7	95.8	1	126	11.9	BGT
SMCJ100A	SMC	Unidirectional	1500	100	1	111	123	1	162	9.3	GGZ
SMCJ100CA	SMC	Bidirectional	1500	100	1	111	123	1	162	9.3	BGZ
SMCJ10A	SMC	Unidirectional	1500	10	5	11.1	12.3	1	17	88.3	GDX
SMCJ10CA	SMC	Bidirectional	1500	10	5	11.1	12.3	1	17	88.3	BDX



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMCJ110A	SMC	Unidirectional	1500	110	1	122	135	1	177	8.5	GHE
SMCJ110CA	SMC	Bidirectional	1500	110	1	122	135	1	177	8.5	BHE
SMCJ11A	SMC	Unidirectional	1500	11	1	12.2	13.5	1	18.2	82.5	GDZ
SMCJ11CA	SMC	Bidirectional	1500	11	1	12.2	13.5	1	18.2	82.5	BDZ
SMCJ120A	SMC	Unidirectional	1500	120	1	133	147	1	193	7.8	GHG
SMCJ120CA	SMC	Bidirectional	1500	120	1	133	147	1	193	7.8	BHG
SMCJ12A	SMC	Unidirectional	1500	12	1	13.3	14.7	1	19.9	75.4	GEE
SMCJ12CA	SMC	Bidirectional	1500	12	1	13.3	14.7	1	19.9	75.4	BEE
SMCJ130A	SMC	Unidirectional	1500	130	1	144	159	1	209	7.2	GHK
SMCJ130CA	SMC	Bidirectional	1500	130	1	144	159	1	209	7.2	BHK
SMCJ13A	SMC	Unidirectional	1500	13	1	14.4	15.9	1	21.5	69.8	GEG
SMCJ13CA	SMC	Bidirectional	1500	13	1	14.4	15.9	1	21.5	69.8	BEG
SMCJ14A	SMC	Unidirectional	1500	14	1	15.6	17.2	1	23.2	64.7	GEK
SMCJ14CA	SMC	Bidirectional	1500	14	1	15.6	17.2	1	23.2	64.7	BEK
SMCJ150A	SMC	Unidirectional	1500	150	1	167	185	1	243	6.2	GHM
SMCJ150CA	SMC	Bidirectional	1500	150	1	167	185	1	243	6.2	BHM
SMCJ15A	SMC	Unidirectional	1500	15	1	16.7	18.5	1	24.4	61.5	GEM
SMCJ15CA	SMC	Bidirectional	1500	15	1	16.7	18.5	1	24.4	61.5	BEM
SMCJ160A	SMC	Unidirectional	1500	160	1	178	197	1	259	5.8	GHP
SMCJ160CA	SMC	Bidirectional	1500	160	1	178	197	1	259	5.8	BHP
SMCJ16A	SMC	Unidirectional	1500	16	1	17.8	19.7	1	26	57.7	GEP
SMCJ16CA	SMC	Bidirectional	1500	16	1	17.8	19.7	1	26	57.7	BEP
SMCJ170A	SMC	Unidirectional	1500	170	1	189	209	1	275	5.5	GHR
SMCJ170CA	SMC	Bidirectional	1500	170	1	189	209	1	275	5.5	BHR
SMCJ17A	SMC	Unidirectional	1500	17	1	18.9	20.9	1	27.6	54.4	GER
SMCJ17CA	SMC	Bidirectional	1500	17	1	18.9	20.9	1	27.6	54.4	BER
SMCJ180A	SMC	Unidirectional	1500	180	1	201	222	1	292	5.1	GHT
SMCJ180CA	SMC	Bidirectional	1500	180	1	201	222	1	292	5.1	BHT
SMCJ18A	SMC	Unidirectional	1500	18	1	20	22.1	1	29.2	51.4	GET
SMCJ18CA	SMC	Bidirectional	1500	18	1	20	22.1	1	29.2	51.4	BET
SMCJ200A	SMC	Unidirectional	1500	200	1	224	247	1	324	4.6	GHV
SMCJ200CA	SMC	Bidirectional	1500	200	1	224	247	1	324	4.6	BHV
SMCJ20A	SMC	Unidirectional	1500	20	1	22.2	24.5	1	32.4	46.3	GEV
SMCJ20CA	SMC	Bidirectional	1500	20	1	22.2	24.5	1	32.4	46.3	BEV
SMCJ220A	SMC	Unidirectional	1500	220	1	246	272	1	356	4.2	GHX
SMCJ220CA	SMC	Bidirectional	1500	220	1	246	272	1	356	4.2	BHX
SMCJ22A	SMC	Unidirectional	1500	22	1	24.4	26.9	1	35.5	42.3	GEX
SMCJ22CA	SMC	Bidirectional	1500	22	1	24.4	26.9	1	35.5	42.3	BEX
SMCJ24A	SMC	Unidirectional	1500	24	1	26.7	29.5	1	38.9	38.6	GEZ
SMCJ24CA	SMC	Bidirectional	1500	24	1	26.7	29.5	1	38.9	38.6	BEZ
SMCJ250A	SMC	Unidirectional	1500	250	1	279	309	1	405	3.7	GHZ
SMCJ250CA	SMC	Bidirectional	1500	250	1	279	309	1	405	3.7	BHZ
SMCJ26A	SMC	Unidirectional	1500	26	1	28.9	31.9	1	42.1	35.7	GFE
SMCJ26CA	SMC	Bidirectional	1500	26	1	28.9	31.9	1	42.1	35.7	BFE
SMCJ28A	SMC	Unidirectional	1500	28	1	31.1	34.4	1	45.4	33.1	GFG
SMCJ28CA	SMC	Bidirectional	1500	28	1	31.1	34.4	1	45.4	33.1	BFG
SMCJ300A	SMC	Unidirectional	1500	300	1	335	371	1	486	3.1	GJE
SMCJ300CA	SMC	Bidirectional	1500	300	1	335	371	1	486	3.1	BJE
SMCJ30A	SMC	Unidirectional	1500	30	1	33.3	36.8	1	48.4	31	GFK
SMCJ30CA	SMC	Bidirectional	1500	30	1	33.3	36.8	1	48.4	31	BFK
SMCJ33A	SMC	Unidirectional	1500	33	1	36.7	40.6	1	53.3	28.2	GFM
SMCJ33CA	SMC	Bidirectional	1500	33	1	36.7	40.6	1	53.3	28.2	BFM
SMCJ350A	SMC	Unidirectional	1500	350	1	391	432	1	567	2.6	GJG
SMCJ350CA	SMC	Bidirectional	1500	350	1	391	432	1	567	2.6	BJG



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMCJ36A	SMC	Unidirectional	1500	36	1	40	44.2	1	58.1	25.9	GFP
SMCJ36CA	SMC	Bidirectional	1500	36	1	40	44.2	1	58.1	25.9	BFP
SMCJ400A	SMC	Unidirectional	1500	400	1	447	494	1	648	2.3	GJK
SMCJ400CA	SMC	Bidirectional	1500	400	1	447	494	1	648	2.3	BJK
SMCJ40A	SMC	Unidirectional	1500	40	1	44.4	49.1	1	64.5	23.3	GFR
SMCJ40CA	SMC	Bidirectional	1500	40	1	44.4	49.1	1	64.5	23.3	BFR
SMCJ43A	SMC	Unidirectional	1500	43	1	47.8	52.8	1	69.4	21.6	GFT
SMCJ43CA	SMC	Bidirectional	1500	43	1	47.8	52.8	1	69.4	21.6	BFT
SMCJ440A	SMC	Unidirectional	1500	440	1	492	543	1	713	2.1	GJM
SMCJ440CA	SMC	Bidirectional	1500	440	1	492	543	1	713	2.1	BJM
SMCJ45A	SMC	Unidirectional	1500	45	1	50	55.3	1	72.7	20.6	GFV
SMCJ45CA	SMC	Bidirectional	1500	45	1	50	55.3	1	72.7	20.6	BFV
SMCJ48A	SMC	Unidirectional	1500	48	1	53.3	58.9	1	77.4	19.4	GFX
SMCJ48CA	SMC	Bidirectional	1500	48	1	53.3	58.9	1	77.4	19.4	BFX
SMCJ5.0A	SMC	Unidirectional	1500	5	800	6.4	7	10	9.2	163	GDE
SMCJ5.0CA	SMC	Bidirectional	1500	5	800	6.4	7	10	9.2	163	BDE
SMCJ51A	SMC	Unidirectional	1500	51	1	56.7	62.7	1	82.4	18.2	GFZ
SMCJ51CA	SMC	Bidirectional	1500	51	1	56.7	62.7	1	82.4	18.2	BFZ
SMCJ54A	SMC	Unidirectional	1500	54	1	60	66.3	1	87.1	17.3	GGE
SMCJ54CA	SMC	Bidirectional	1500	54	1	60	66.3	1	87.1	17.3	BGE
SMCJ58A	SMC	Unidirectional	1500	58	1	64.4	71.2	1	93.6	16	GGG
SMCJ58CA	SMC	Bidirectional	1500	58	1	64.4	71.2	1	93.6	16	BGG
SMCJ6.0A	SMC	Unidirectional	1500	6	800	6.7	7.4	10	10.3	145.7	GDG
SMCJ6.0CA	SMC	Bidirectional	1500	6	800	6.7	7.4	10	10.3	145.7	BDG
SMCJ6.5A	SMC	Unidirectional	1500	6.5	500	7.2	8	10	11.2	134	GDK
SMCJ6.5CA	SMC	Bidirectional	1500	6.5	500	7.2	8	10	11.2	134	BDK
SMCJ60A	SMC	Unidirectional	1500	60	1	66.7	73.7	1	96.8	15.5	GGK
SMCJ60CA	SMC	Bidirectional	1500	60	1	66.7	73.7	1	96.8	15.5	BGK
SMCJ64A	SMC	Unidirectional	1500	64	1	71.1	78.6	1	103	14.6	GGM
SMCJ64CA	SMC	Bidirectional	1500	64	1	71.1	78.6	1	103	14.6	BGM
SMCJ7.0A	SMC	Unidirectional	1500	7	200	7.8	8.6	10	12	125	GDM
SMCJ7.0CA	SMC	Bidirectional	1500	7	200	7.8	8.6	10	12	125	BDM
SMCJ7.5A	SMC	Unidirectional	1500	7.5	100	8.3	9.2	1	12.9	116.3	GDP
SMCJ7.5CA	SMC	Bidirectional	1500	7.5	100	8.3	9.2	1	12.9	116.3	BDP
SMCJ70A	SMC	Unidirectional	1500	70	1	77.8	86	1	113	13.3	GGP
SMCJ70CA	SMC	Bidirectional	1500	70	1	77.8	86	1	113	13.3	BGP
SMCJ75A	SMC	Unidirectional	1500	75	1	83.3	92.1	1	121	12.4	GGR
SMCJ75CA	SMC	Bidirectional	1500	75	1	83.3	92.1	1	121	12.4	BGR
SMCJ78A	SMC	Unidirectional	1500	78	1	86.7	95.8	1	126	11.9	GGT
SMCJ78CA	SMC	Bidirectional	1500	78	1	86.7	95.8	1	126	11.9	BGT
SMCJ8.0A	SMC	Unidirectional	1500	8	50	8.9	9.8	1	13.6	110.3	GDR
SMCJ8.0CA	SMC	Bidirectional	1500	8	50	8.9	9.8	1	13.6	110.3	BDR
SMCJ8.5A	SMC	Unidirectional	1500	8.5	20	9.4	10.4	1	14.1	104.2	GDT
SMCJ8.5CA	SMC	Bidirectional	1500	8.5	20	9.4	10.4	1	14.1	104.2	BDT
SMCJ85A	SMC	Unidirectional	1500	85	1	94.4	104	1	137	11	GGV
SMCJ85CA	SMC	Bidirectional	1500	85	1	94.4	104	1	137	11	BGV
SMCJ9.0A	SMC	Unidirectional	1500	9	10	10	11.1	1	15.4	97.4	GDV
SMCJ9.0CA	SMC	Bidirectional	1500	9	10	10	11.1	1	15.4	97.4	BDV
SMCJ90A	SMC	Unidirectional	1500	90	1	100	111	1	146	10.3	GGX
SMCJ90CA	SMC	Bidirectional	1500	90	1	100	111	1	146	10.3	BGX
SMLJ10AHE3	SMC	Unidirectional	3000	10	15	11.1	12.3	5	17	176.4	PDX/HDX
SMLJ10CAHE3	SMC	Bidirectional	3000	10	15	11.1	12.3	5	17	176.4	DDX/IDX
SMLJ11AHE3	SMC	Unidirectional	3000	11	2	12.2	13.5	5	18.2	164.8	PDZ/HDZ
SMLJ11CAHE3	SMC	Bidirectional	3000	11	2	12.2	13.5	5	18.2	164.8	DDZ/IDZ



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (uA)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMLJ12AHE3	SMC	Unidirectional	3000	12	2	13.3	14.7	5	19.9	150.6	PEE/HEE
SMLJ12CAHE3	SMC	Bidirectional	3000	12	2	13.3	14.7	5	19.9	150.6	DEE/IEE
SMLJ13AHE3	SMC	Unidirectional	3000	13	2	14.4	15.9	5	21.5	139.4	PEG/HEG
SMLJ13CAHE3	SMC	Bidirectional	3000	13	2	14.4	15.9	5	21.5	139.4	DEG/IEG
SMLJ14AHE3	SMC	Unidirectional	3000	14	2	15.6	17.2	5	23.2	129.4	PEK/HEK
SMLJ14CAHE3	SMC	Bidirectional	3000	14	2	15.6	17.2	5	23.2	129.4	DEK/IEK
SMLJ15AHE3	SMC	Unidirectional	3000	15	2	16.7	18.5	5	24.4	123	PEM/HEM
SMLJ15CAHE3	SMC	Bidirectional	3000	15	2	16.7	18.5	5	24.4	123	DEM/IEM
SMLJ16AHE3	SMC	Unidirectional	3000	16	2	17.8	19.7	5	26	115.4	PEP/HEP
SMLJ16CAHE3	SMC	Bidirectional	3000	16	2	17.8	19.7	5	26	115.4	DEP/IEP
SMLJ17AHE3	SMC	Unidirectional	3000	17	2	18.9	20.9	5	27.6	106.6	PER/HER
SMLJ17CAHE3	SMC	Bidirectional	3000	17	2	18.9	20.9	5	27.6	106.6	DER/IER
SMLJ18AHE3	SMC	Unidirectional	3000	18	2	20	22.1	5	29.2	102.8	PET/HET
SMLJ18CAHE3	SMC	Bidirectional	3000	18	2	20	22.1	5	29.2	102.8	DET/IET
SMLJ20AHE3	SMC	Unidirectional	3000	20	2	22.2	24.5	5	32.4	92.6	PEV/HEV
SMLJ20CAHE3	SMC	Bidirectional	3000	20	2	22.2	24.5	5	32.4	92.6	DEV/IEV
SMLJ22AHE3	SMC	Unidirectional	3000	22	2	24.4	26.9	5	35.5	84.4	PEX/HEX
SMLJ22CAHE3	SMC	Bidirectional	3000	22	2	24.4	26.9	5	35.5	84.4	IEX/DEX
SMLJ24AHE3	SMC	Unidirectional	3000	24	2	26.7	29.5	5	38.9	77.2	PEZ/HEZ
SMLJ24CAHE3	SMC	Bidirectional	3000	24	2	26.7	29.5	5	38.9	77.2	IEZ/DEZ
SMLJ26AHE3	SMC	Unidirectional	3000	26	2	28.9	31.9	5	42.1	71.2	PFE/HFE
SMLJ26CAHE3	SMC	Bidirectional	3000	26	2	28.9	31.9	5	42.1	71.2	IFE/DFE
SMLJ28AHE3	SMC	Unidirectional	3000	28	2	31.1	34.4	5	45.4	66	PFH/HFH
SMLJ28CAHE3	SMC	Bidirectional	3000	28	2	31.1	34.4	5	45.4	66	IFG/DFG
SMLJ30AHE3	SMC	Unidirectional	3000	30	2	33.3	36.8	5	48.4	62	PFK/HFK
SMLJ30CAHE3	SMC	Bidirectional	3000	30	2	33.3	36.8	5	48.4	62	IFK/DFK
SMLJ33AHE3	SMC	Unidirectional	3000	33	2	36.7	40.6	5	53.3	56.2	PFM/HFM
SMLJ33CAHE3	SMC	Bidirectional	3000	33	2	36.7	40.6	5	53.3	56.2	IFM/DFM
SMLJ36AHE3	SMC	Unidirectional	3000	36	2	40	44.2	5	58.1	51.6	PFPH/HFP
SMLJ36CAHE3	SMC	Bidirectional	3000	36	2	40	44.2	5	58.1	51.6	IFP/DFP
SMLJ40AHE3	SMC	Unidirectional	3000	40	2	44.4	49.1	5	64.5	46.4	PFR/HFR
SMLJ40CAHE3	SMC	Bidirectional	3000	40	2	44.4	49.1	5	64.5	46.4	IFR/DFR
SMLJ43AHE3	SMC	Unidirectional	3000	43	2	47.8	52.8	5	69.4	43.2	PFT/HFT
SMLJ43CAHE3	SMC	Bidirectional	3000	43	2	47.8	52.8	5	69.4	43.2	IFT/DFT
SMLJ100A	SMC	Unidirectional	3000	100	5	111	123	1	162	18.6	PGZ/HGZ
SMLJ100CA	SMC	Bidirectional	3000	100	5	111	123	1	162	18.6	IGZ/DGZ
SMLJ10A	SMC	Unidirectional	3000	10	5	11.1	12.3	1	17	176.4	PDX/HDX
SMLJ10CA	SMC	Bidirectional	3000	10	5	11.1	12.3	1	17	176.4	DDX/IDX
SMLJ110A	SMC	Unidirectional	3000	110	5	122	135	1	177	16.8	PHE/HHE
SMLJ110CA	SMC	Bidirectional	3000	110	5	122	135	1	177	16.8	IHE/DHE
SMLJ11A	SMC	Unidirectional	3000	11	5	12.2	13.5	1	18.2	164.8	PDZ/HDZ
SMLJ11CA	SMC	Bidirectional	3000	11	5	12.2	13.5	1	18.2	164.8	DDZ/IDZ
SMLJ120A	SMC	Unidirectional	3000	120	5	133	147	1	193	15.6	PHG/HHG
SMLJ120CA	SMC	Bidirectional	3000	120	5	133	147	1	193	15.6	IHG/DHG
SMLJ12A	SMC	Unidirectional	3000	12	5	13.3	14.7	1	19.9	150.6	PEE/HEE
SMLJ12CA	SMC	Bidirectional	3000	12	5	13.3	14.7	1	19.9	150.6	DEE/IEE
SMLJ130A	SMC	Unidirectional	3000	130	5	144	159	1	209	14.4	PHK/HHK
SMLJ130CA	SMC	Bidirectional	3000	130	5	144	159	1	209	14.4	IHK/DHK
SMLJ13A	SMC	Unidirectional	3000	13	5	14.4	15.9	1	21.5	139.4	PEG/HEG
SMLJ13CA	SMC	Bidirectional	3000	13	5	14.4	15.9	1	21.5	139.4	DEG/IEG
SMLJ14A	SMC	Unidirectional	3000	14	5	15.6	17.2	1	23.2	129.4	PEK/HEK
SMLJ14CA	SMC	Bidirectional	3000	14	5	15.6	17.2	1	23.2	129.4	DEK/IEK
SMLJ150A	SMC	Unidirectional	3000	150	5	167	185	1	243	12.4	PHM/HHM
SMLJ150CA	SMC	Bidirectional	3000	150	5	167	185	1	243	12.4	IHM/DHM



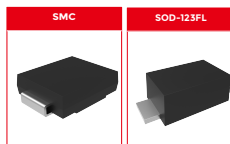
Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMLJ15A	SMC	Unidirectional	3000	15	5	16.7	18.5	1	24.4	123	PEM/HEM
SMLJ15CA	SMC	Bidirectional	3000	15	5	16.7	18.5	1	24.4	123	DEM/HEM
SMLJ160A	SMC	Unidirectional	3000	160	5	178	197	1	259	11.6	PHP/HHP
SMLJ160CA	SMC	Bidirectional	3000	160	5	178	197	1	259	11.6	IHP/DHP
SMLJ16A	SMC	Unidirectional	3000	16	5	17.8	19.7	1	26	115.4	PEP/HEP
SMLJ16CA	SMC	Bidirectional	3000	16	5	17.8	19.7	1	26	115.4	DEP/IEP
SMLJ170A	SMC	Unidirectional	3000	170	5	189	209	1	275	11	PHR/HHR
SMLJ170CA	SMC	Bidirectional	3000	170	5	189	209	1	275	11	IHR/DHR
SMLJ17A	SMC	Unidirectional	3000	17	5	18.9	20.9	1	27.6	106.6	PER/HER
SMLJ17CA	SMC	Bidirectional	3000	17	5	18.9	20.9	1	27.6	106.6	DER/IER
SMLJ180A	SMC	Unidirectional	3000	180	2	200	220	5	291.6	10.29	PHT
SMLJ180CA	SMC	Bidirectional	3000	180	2	200	220	5	291.6	10.29	DHT
SMLJ18A	SMC	Unidirectional	3000	18	5	20	22.1	1	29.2	102.8	PET/HET
SMLJ18CA	SMC	Bidirectional	3000	18	5	20	22.1	1	29.2	102.8	DET/IET
SMLJ190A	SMC	Unidirectional	3000	190	2	211	232	5	307.8	9.75	PHV
SMLJ190CA	SMC	Bidirectional	3000	190	2	211	232	5	307.8	9.75	DHV
SMLJ200A	SMC	Unidirectional	3000	200	2	224	247	5	324	9.26	PHW
SMLJ200CA	SMC	Bidirectional	3000	200	2	224	247	5	324	9.26	DHW
SMLJ20A	SMC	Unidirectional	3000	20	5	22.2	24.5	1	32.4	92.6	PEV/HEV
SMLJ20CA	SMC	Bidirectional	3000	20	5	22.2	24.5	1	32.4	92.6	DEV/IEV
SMLJ220A	SMC	Unidirectional	3000	220	2	246	272	5	356	8.43	PHX
SMLJ220CA	SMC	Bidirectional	3000	220	2	246	272	5	356	8.43	DHX
SMLJ22A	SMC	Unidirectional	3000	22	5	24.4	26.9	1	35.5	84.4	PEX/HEX
SMLJ22CA	SMC	Bidirectional	3000	22	5	24.4	26.9	1	35.5	84.4	IEX/DEX
SMLJ24A	SMC	Unidirectional	3000	24	5	26.7	29.5	1	38.9	77.2	PEZ/HEZ
SMLJ24CA	SMC	Bidirectional	3000	24	5	26.7	29.5	1	38.9	77.2	IEZ/DEZ
SMLJ250A	SMC	Unidirectional	3000	250	2	279	309	5	405	7.41	PHZ
SMLJ250CA	SMC	Bidirectional	3000	250	2	279	309	5	405	7.41	DHZ
SMLJ26A	SMC	Unidirectional	3000	26	5	28.9	31.9	1	42.1	71.2	PFE/HFE
SMLJ26CA	SMC	Bidirectional	3000	26	5	28.9	31.9	1	42.1	71.2	IFE/DFE
SMLJ28A	SMC	Unidirectional	3000	28	5	31.1	34.4	1	45.4	66	PFG/HFG
SMLJ28CA	SMC	Bidirectional	3000	28	5	31.1	34.4	1	45.4	66	IFG/DFG
SMLJ300A	SMC	Unidirectional	3000	300	2	335	371	5	486	6.17	PJE
SMLJ300CA	SMC	Bidirectional	3000	300	2	335	371	5	486	6.17	DJE
SMLJ30A	SMC	Unidirectional	3000	30	5	33.3	36.8	1	48.4	62	PFK/HFK
SMLJ30CA	SMC	Bidirectional	3000	30	5	33.3	36.8	1	48.4	62	IFK/DFK
SMLJ33A	SMC	Unidirectional	3000	33	5	36.7	40.6	1	53.3	56.2	PFM/HFM
SMLJ33CA	SMC	Bidirectional	3000	33	5	36.7	40.6	1	53.3	56.2	IFM/DFM
SMLJ350A	SMC	Unidirectional	3000	350	2	391	432	5	567	5.29	PJG
SMLJ350CA	SMC	Bidirectional	3000	350	2	391	432	5	567	5.29	DJG
SMLJ36A	SMC	Unidirectional	3000	36	5	40	44.2	1	58.1	51.6	PPF/HFP
SMLJ36CA	SMC	Bidirectional	3000	36	5	40	44.2	1	58.1	51.6	IFP/DFP
SMLJ400A	SMC	Unidirectional	3000	400	2	447	494	5	648	4.63	PJK
SMLJ400CA	SMC	Bidirectional	3000	400	2	447	494	5	648	4.63	DJK
SMLJ40A	SMC	Unidirectional	3000	40	5	44.4	49.1	1	64.5	46.4	PFR/HFR
SMLJ40CA	SMC	Bidirectional	3000	40	5	44.4	49.1	1	64.5	46.4	IFR/DFR
SMLJ43A	SMC	Unidirectional	3000	43	5	47.8	52.8	1	69.4	43.2	PFT/HFT
SMLJ43CA	SMC	Bidirectional	3000	43	5	47.8	52.8	1	69.4	43.2	IFT/DFT
SMLJ440A	SMC	Unidirectional	3000	440	2	492	543	5	713	4.21	PJM
SMLJ440CA	SMC	Bidirectional	3000	440	2	492	543	5	713	4.21	DJM
SMLJ45A	SMC	Unidirectional	3000	45	5	50	55.3	1	72.7	41.2	PFV/HFV
SMLJ45CA	SMC	Bidirectional	3000	45	5	50	55.3	1	72.7	41.2	IFV/DFV
SMLJ48A	SMC	Unidirectional	3000	48	5	53.3	58.9	1	77.4	38.8	PFX/HFX
SMLJ48CA	SMC	Bidirectional	3000	48	5	53.3	58.9	1	77.4	38.8	IFX/DFX



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMLJ5.0A	SMC	Unidirectional	3000	5	1000	6.4	7	10	9.2	326	RDE
SMLJ5.0CA	SMC	Bidirectional	3000	5	1000	6.4	7	10	9.2	326	DDE/IDE
SMLJ51A	SMC	Unidirectional	3000	51	5	56.7	62.7	1	82.4	36.4	PFZ/HFZ
SMLJ51CA	SMC	Bidirectional	3000	51	5	56.7	62.7	1	82.4	36.4	IFZ/DFZ
SMLJ54A	SMC	Unidirectional	3000	54	5	60	66.3	1	87.1	34.4	RGE/HGE
SMLJ54CA	SMC	Bidirectional	3000	54	5	60	66.3	1	87.1	34.4	IGE/DGE
SMLJ58A	SMC	Unidirectional	3000	58	5	64.4	71.2	1	93.6	32	PGG/HGG
SMLJ58CA	SMC	Bidirectional	3000	58	5	64.4	71.2	1	93.6	32	IGG/DGG
SMLJ6.0A	SMC	Unidirectional	3000	6	1000	6.67	7.37	10	10.3	291.3	RDG
SMLJ6.0CA	SMC	Bidirectional	3000	6	1000	6.67	7.37	10	10.3	291.3	DDG/IDG
SMLJ6.5A	SMC	Unidirectional	3000	6.5	500	7.22	7.98	10	11.2	267.9	RDK
SMLJ6.5CA	SMC	Bidirectional	3000	6.5	500	7.22	7.98	10	11.2	267.9	DDK/IDK
SMLJ60A	SMC	Unidirectional	3000	60	5	66.7	73.7	1	96.8	31	PGK/HGK
SMLJ60CA	SMC	Bidirectional	3000	60	5	66.7	73.7	1	96.8	31	IGK/DGK
SMLJ64A	SMC	Unidirectional	3000	64	5	71.1	78.6	1	103	29.2	PGM/HGM
SMLJ64CA	SMC	Bidirectional	3000	64	5	71.1	78.6	1	103	29.2	IGM/DGM
SMLJ7.0A	SMC	Unidirectional	3000	7	200	7.78	8.6	10	12	250	PDM/HDM
SMLJ7.0CA	SMC	Bidirectional	3000	7	200	7.78	8.6	10	12	250	DDM/IDM
SMLJ7.5A	SMC	Unidirectional	3000	7.5	100	8.33	9.21	1	12.9	232.6	PDP/HDP
SMLJ7.5CA	SMC	Bidirectional	3000	7.5	100	8.33	9.21	1	12.9	232.6	DDP/IDP
SMLJ70A	SMC	Unidirectional	3000	70	5	77.8	86	1	113	26.6	PGP/HGP
SMLJ70CA	SMC	Bidirectional	3000	70	5	77.8	86	1	113	26.6	IGP/DGP
SMLJ75A	SMC	Unidirectional	3000	75	5	83.3	92.1	1	121	24.8	PGR/HGR
SMLJ75CA	SMC	Bidirectional	3000	75	5	83.3	92.1	1	121	24.8	IGR/DGR
SMLJ78A	SMC	Unidirectional	3000	78	5	86.7	95.8	1	126	22.8	PGT/HGT
SMLJ78CA	SMC	Bidirectional	3000	78	5	86.7	95.8	1	126	22.8	IGT/DGT
SMLJ8.0A	SMC	Unidirectional	3000	8	50	8.89	9.83	1	13.6	220	PDR/HDR
SMLJ8.0CA	SMC	Bidirectional	3000	8	50	8.89	9.83	1	13.6	220	DDR/IDR
SMLJ8.5A	SMC	Unidirectional	3000	8.5	25	9.44	10.4	1	14.1	208.4	PDT/HDT
SMLJ8.5CA	SMC	Bidirectional	3000	8.5	25	9.44	10.4	1	14.1	208.4	DDT/IDT
SMLJ85A	SMC	Unidirectional	3000	85	5	94.4	104	1	137	20.8	PGV/HGV
SMLJ85CA	SMC	Bidirectional	3000	85	5	94.4	104	1	137	20.8	IGV/DGV
SMLJ9.0A	SMC	Unidirectional	3000	9	10	10	11.1	1	15.4	194.8	PDV/HDV
SMLJ9.0CA	SMC	Bidirectional	3000	9	10	10	11.1	1	15.4	194.8	DDV/IDV
SMLJ90A	SMC	Unidirectional	3000	90	5	100	111	1	146	20.6	PGX/HGX
SMLJ90CA	SMC	Bidirectional	3000	90	5	100	111	1	146	20.6	IGX/DGX
SM4F100A	SOD-123FL	Unidirectional	400	100	1	111	123	1	162	2.5	F100
SM4F10A	SOD-123FL	Unidirectional	400	10	5	11.1	12.3	1	17	23.5	F10
SM4F110A	SOD-123FL	Unidirectional	400	110	1	122	135	1	177	2.3	F110
SM4F11A	SOD-123FL	Unidirectional	400	11	1	12.2	13.5	1	18.2	21.98	F11
SM4F120A	SOD-123FL	Unidirectional	400	120	1	133	147	1	193	2.1	F120
SM4F12A	SOD-123FL	Unidirectional	400	12	1	13.3	14.7	1	19.9	20.1	F12
SM4F130A	SOD-123FL	Unidirectional	400	130	1	144	159	1	209	1.9	F130
SM4F13A	SOD-123FL	Unidirectional	400	13	1	14.4	15.9	1	21.5	18.6	F13
SM4F14A	SOD-123FL	Unidirectional	400	14	1	15.6	17.2	1	23.2	17.24	F14
SM4F150A	SOD-123FL	Unidirectional	400	150	1	167	185	1	243	1.6	F150
SM4F15A	SOD-123FL	Unidirectional	400	15	1	16.7	18.5	1	24.4	16.39	F15
SM4F160A	SOD-123FL	Unidirectional	400	160	1	178	197	1	259	1.5	F160
SM4F16A	SOD-123FL	Unidirectional	400	16	1	17.8	19.7	1	26	15.38	F16
SM4F170A	SOD-123FL	Unidirectional	400	170	1	189	209	1	275	1.5	F170
SM4F17A	SOD-123FL	Unidirectional	400	17	1	18.9	20.9	1	27.6	14.49	F17
SM4F18A	SOD-123FL	Unidirectional	400	18	1	20	22.1	1	29.2	13.7	F18
SM4F19A	SOD-123FL	Unidirectional	400	19	1	21.1	23.3	1	30.8	13	F19
SM4F20A	SOD-123FL	Unidirectional	400	20	1	22.2	24.5	1	32.4	12.35	F20



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Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SM4F22A	SOD-123FL	Unidirectional	400	22	1	24.4	26.9	1	35.5	11.27	F22
SM4F24A	SOD-123FL	Unidirectional	400	24	1	26.7	29.5	1	38.9	10.28	F24
SM4F26A	SOD-123FL	Unidirectional	400	26	1	28.9	31.9	1	42.1	9.5	F26
SM4F28A	SOD-123FL	Unidirectional	400	28	1	31.1	34.4	1	45.4	8.81	F28
SM4F30A	SOD-123FL	Unidirectional	400	30	1	33.3	36.8	1	48.4	8.26	F30
SM4F33A	SOD-123FL	Unidirectional	400	33	1	36.7	40.6	1	53.3	7.5	F33
SM4F36A	SOD-123FL	Unidirectional	400	36	1	40	44.2	1	58.1	6.88	F36
SM4F40A	SOD-123FL	Unidirectional	400	40	1	44.4	49.1	1	64.5	6.2	F40
SM4F43A	SOD-123FL	Unidirectional	400	43	1	47.8	52.8	1	69.4	5.7	F43
SM4F45A	SOD-123FL	Unidirectional	400	45	1	50	55.3	1	72.7	5.5	F45
SM4F48A	SOD-123FL	Unidirectional	400	48	1	53.3	58.9	1	77.4	5.2	F48
SM4F5.0A	SOD-123FL	Unidirectional	400	5	800	6.4	7	10	9.2	43.5	F5.0
SM4F51A	SOD-123FL	Unidirectional	400	51	1	56.7	62.7	1	82.4	4.9	F51
SM4F54A	SOD-123FL	Unidirectional	400	54	1	60	66.3	1	87.1	4.6	F54
SM4F58A	SOD-123FL	Unidirectional	400	58	1	64.4	71.2	1	93.6	4.3	F58
SM4F6.0A	SOD-123FL	Unidirectional	400	6	800	6.67	7.37	10	10.3	38.8	F6.0
SM4F6.5A	SOD-123FL	Unidirectional	400	6.5	500	7.22	7.98	10	11.2	35.7	F6.5
SM4F60A	SOD-123FL	Unidirectional	400	60	1	66.7	73.7	1	96.8	4.1	F60
SM4F64A	SOD-123FL	Unidirectional	400	64	1	71.1	78.6	1	103	3.9	F64
SM4F7.0A	SOD-123FL	Unidirectional	400	7	200	7.78	8.6	10	12	33.3	F7.0
SM4F7.5A	SOD-123FL	Unidirectional	400	7.5	100	8.33	9.21	1	12.9	31	F7.5
SM4F70A	SOD-123FL	Unidirectional	400	70	1	77.8	86	1	113	3.5	F70
SM4F75A	SOD-123FL	Unidirectional	400	75	1	83.3	92.1	1	121	3.3	F75
SM4F78A	SOD-123FL	Unidirectional	400	78	1	86.7	95.8	1	126	2.2	F78
SM4F8.0A	SOD-123FL	Unidirectional	400	8	50	8.89	9.83	1	13.6	29.4	F8.0
SM4F8.5A	SOD-123FL	Unidirectional	400	8.5	20	9.44	10.4	1	14.4	27.7	F8.5
SM4F85A	SOD-123FL	Unidirectional	400	85	1	94.4	104	1	137	2.9	F85
SM4F9.0A	SOD-123FL	Unidirectional	400	9	10	10	11.1	1	15.4	26	F9.0
SM4F90A	SOD-123FL	Unidirectional	400	90	1	100	111	1	146	2.7	F90
SMF100A	SOD-123FL	Unidirectional	200	100	1	111	123	1	162	1.1	100 / NZ
SMF100CA	SOD-123FL	bi-directional	200	100	1	111	123	1	162	1.1	100C / DZ
SMF10A	SOD-123FL	Unidirectional	200	10	2.5	11.1	12.3	1	17	11.8	10A / KX
SMF10CA	SOD-123FL	bi-directional	200	10	2.5	11.1	12.3	1	17	11.8	10CA / AX
SMF110A	SOD-123FL	Unidirectional	200	110	1	122	135	1	177	1	110 / PE
SMF110CA	SOD-123FL	bi-directional	200	110	1	122	135	1	177	1	110C / EE
SMF11A	SOD-123FL	Unidirectional	200	11	2.5	12.2	13.5	1	18.2	11	11A / KZ
SMF11CA	SOD-123FL	bi-directional	200	11	2.5	12.2	13.5	1	18.2	11	11CA / AZ
SMF120A	SOD-123FL	Unidirectional	200	120	1	133	147	1	193	0.9	120 / PG
SMF120CA	SOD-123FL	bi-directional	200	120	1	133	147	1	193	0.9	120C / EG
SMF12A	SOD-123FL	Unidirectional	200	12	2.5	13.3	14.7	1	19.9	10.1	12A / LE
SMF12CA	SOD-123FL	bi-directional	200	12	2.5	13.3	14.7	1	19.9	10.1	12CA / BE
SMF130A	SOD-123FL	Unidirectional	200	130	1	144	159	1	209	0.8	130 / PK
SMF130CA	SOD-123FL	bi-directional	200	130	1	144	159	1	209	0.8	130C / EK
SMF13A	SOD-123FL	Unidirectional	200	13	1	14.4	15.9	1	21.5	9.3	13A / LG
SMF13CA	SOD-123FL	bi-directional	200	13	1	14.4	15.9	1	21.5	9.3	13CA / BG
SMF14A	SOD-123FL	Unidirectional	200	14	1	15.6	17.2	1	23.2	8.6	14A / LK
SMF14CA	SOD-123FL	bi-directional	200	14	1	15.6	17.2	1	23.2	8.6	14CA / BK
SMF150A	SOD-123FL	Unidirectional	200	150	1	167	185	1	243	0.7	150 / PM
SMF150CA	SOD-123FL	bi-directional	200	150	1	167	185	1	243	0.7	150C / EM
SMF15A	SOD-123FL	Unidirectional	200	15	1	16.7	18.5	1	24.4	8.2	15A / LM
SMF15CA	SOD-123FL	bi-directional	200	15	1	16.7	18.5	1	24.4	8.2	15CA / BM
SMF160A	SOD-123FL	Unidirectional	200	160	1	178	197	1	259	0.7	160 / PP
SMF160CA	SOD-123FL	bi-directional	200	160	1	178	197	1	259	0.7	160C / EP
SMF16A	SOD-123FL	Unidirectional	200	16	1	17.8	19.7	1	26	7.7	16A / LP



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pulse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMF16CA	SOD-123FL	bi-directional	200	16	1	17.8	19.7	1	26	7.7	16CA / BP
SMF170A	SOD-123FL	Unidirectional	200	170	1	189	209	1	275	0.6	170 / PR
SMF170CA	SOD-123FL	bi-directional	200	170	1	189	209	1	275	0.6	170C / ER
SMF17A	SOD-123FL	Unidirectional	200	17	1	18.9	20.9	1	27.6	7.2	17A / LR
SMF17CA	SOD-123FL	bi-directional	200	17	1	18.9	20.9	1	27.6	7.2	17CA / BR
SMF18A	SOD-123FL	Unidirectional	200	18	1	20	22.1	1	29.2	6.8	18A / LT
SMF18CA	SOD-123FL	bi-directional	200	18	1	20	22.1	1	29.2	6.8	18CA / BT
SMF20A	SOD-123FL	Unidirectional	200	20	1	22.2	24.5	1	32.4	6.2	20A / LV
SMF20CA	SOD-123FL	bi-directional	200	20	1	22.2	24.5	1	32.4	6.2	20CA / BV
SMF22A	SOD-123FL	Unidirectional	200	22	1	24.4	26.9	1	35.5	5.6	22A / LX
SMF22CA	SOD-123FL	bi-directional	200	22	1	24.4	26.9	1	35.5	5.6	22CA / BX
SMF24A	SOD-123FL	Unidirectional	200	24	1	26.7	29.5	1	38.9	5.1	24A / LZ
SMF24CA	SOD-123FL	bi-directional	200	24	1	26.7	29.5	1	38.9	5.1	24CA / BZ
SMF26A	SOD-123FL	Unidirectional	200	26	1	28.9	31.9	1	42.1	4.8	26A / ME
SMF26CA	SOD-123FL	bi-directional	200	26	1	28.9	31.9	1	42.1	4.8	26CA / CE
SMF28A	SOD-123FL	Unidirectional	200	28	1	31.1	34.4	1	45.4	4.4	28A / MG
SMF28CA	SOD-123FL	bi-directional	200	28	1	31.1	34.4	1	45.4	4.4	28CA / CG
SMF30A	SOD-123FL	Unidirectional	200	30	1	33.3	36.8	1	48.4	4.1	30A / MK
SMF30CA	SOD-123FL	bi-directional	200	30	1	33.3	36.8	1	48.4	4.1	30CA / CK
SMF33A	SOD-123FL	Unidirectional	200	33	1	36.7	40.6	1	53.3	3.8	33A / MM
SMF33CA	SOD-123FL	bi-directional	200	33	1	36.7	40.6	1	53.3	3.8	33CA / CM
SMF36A	SOD-123FL	Unidirectional	200	36	1	40	44.2	1	58.1	3.4	36A / MP
SMF36CA	SOD-123FL	bi-directional	200	36	1	40	44.2	1	58.1	3.4	36CA / CP
SMF40A	SOD-123FL	Unidirectional	200	40	1	44.4	49.1	1	64.5	3.1	40A / MR
SMF40CA	SOD-123FL	bi-directional	200	40	1	44.4	49.1	1	64.5	3.1	40CA / CR
SMF43A	SOD-123FL	Unidirectional	200	43	1	47.8	52.8	1	69.4	2.9	43A / MT
SMF43CA	SOD-123FL	bi-directional	200	43	1	47.8	52.8	1	69.4	2.9	43CA / CT
SMF45A	SOD-123FL	Unidirectional	200	45	1	50	55.3	1	72.7	2.8	45A / MV
SMF45CA	SOD-123FL	bi-directional	200	45	1	50	55.3	1	72.7	2.8	45CA / CV
SMF48A	SOD-123FL	Unidirectional	200	48	1	53.3	58.9	1	77.4	2.6	48A / MX
SMF48CA	SOD-123FL	bi-directional	200	48	1	53.3	58.9	1	77.4	2.6	48CA / CX
SMF5.0A	SOD-123FL	Unidirectional	200	5	400	6.4	7	10	9.2	21.7	5.0A / KE
SMF5.0CA	SOD-123FL	bi-directional	200	5	400	6.4	7	10	9.2	21.7	5.0CA / AE
SMF51A	SOD-123FL	Unidirectional	200	51	1	56.7	62.7	1	82.4	2.4	51A / MZ
SMF51CA	SOD-123FL	bi-directional	200	51	1	56.7	62.7	1	82.4	2.4	51CA / CZ
SMF54A	SOD-123FL	Unidirectional	200	54	1	60	66.3	1	87.1	2.3	54A / NE
SMF54CA	SOD-123FL	bi-directional	200	54	1	60	66.3	1	87.1	2.3	54CA / DE
SMF58A	SOD-123FL	Unidirectional	200	58	1	64.4	71.2	1	93.6	2.1	58A / NG
SMF58CA	SOD-123FL	bi-directional	200	58	1	64.4	71.2	1	93.6	2.1	58CA / DG
SMF6.0A	SOD-123FL	Unidirectional	200	6	400	6.67	7.37	10	10.3	19.4	6.0A / KG
SMF6.0CA	SOD-123FL	bi-directional	200	6	400	6.67	7.37	10	10.3	19.4	6.0CA / AG
SMF6.5A	SOD-123FL	Unidirectional	200	6.5	250	7.22	7.98	10	11.2	17.9	6.5A / KK
SMF6.5CA	SOD-123FL	bi-directional	200	6.5	250	7.22	7.98	10	11.2	17.9	6.5CA / AK
SMF60A	SOD-123FL	Unidirectional	200	60	1	66.7	73.7	1	96.8	1.8	60A / NK
SMF60CA	SOD-123FL	bi-directional	200	60	1	66.7	73.7	1	96.8	1.8	60CA / DK
SMF64A	SOD-123FL	Unidirectional	200	64	1	71.1	78.6	1	103	1.7	64A / NM
SMF64CA	SOD-123FL	bi-directional	200	64	1	71.1	78.6	1	103	1.7	64CA / DM
SMF7.0A	SOD-123FL	Unidirectional	200	7	100	7.78	8.6	10	12	16.7	7.0A / KM
SMF7.0CA	SOD-123FL	bi-directional	200	7	100	7.78	8.6	10	12	16.7	7.0CA / AM
SMF7.5A	SOD-123FL	Unidirectional	200	7.5	50	8.33	9.21	1	12.9	15.5	7.5A / KP
SMF7.5CA	SOD-123FL	bi-directional	200	7.5	50	8.33	9.21	1	12.9	15.5	7.5CA / AP
SMF70A	SOD-123FL	Unidirectional	200	70	1	77.8	86	1	113	1.5	70A / NP
SMF70CA	SOD-123FL	bi-directional	200	70	1	77.8	86	1	113	1.5	70CA / DP
SMF75A	SOD-123FL	Unidirectional	200	75	1	83.3	92.1	1	121	1.4	75A / NR



Transient Voltage Suppressor

Part Number	Package	Polarity	Peak Pluse Power Dissipation	Reverse Standoff Voltage	Reverse Leakage	Breakdown Voltage		Test Current	Max. Clamping Voltage	Peak Pulse Current	Marking Code
			P_D (W)	V_{RWM} (V)	I_R (μ A)	Min V_{BR} (V)	Max V_{BR} (V)	I_T (mA)	V_C (V)	I_{PP} (A)	
SMF75CA	SOD-123FL	bi-directional	200	75	1	83.3	92.1	1	121	1.4	75CA / DR
SMF78A	SOD-123FL	Unidirectional	200	78	1	86.7	95.8	1	126	1.4	78A / NT
SMF78CA	SOD-123FL	bi-directional	200	78	1	86.7	95.8	1	126	1.4	78CA / DT
SMF8.0A	SOD-123FL	Unidirectional	200	8	25	8.89	9.83	1	13.6	14.7	8.0A / KR
SMF8.0CA	SOD-123FL	bi-directional	200	8	25	8.89	9.83	1	13.6	14.7	8.0CA / AR
SMF8.5A	SOD-123FL	Unidirectional	200	8.5	10	9.44	10.4	1	14.4	13.9	8.5A / KT
SMF8.5CA	SOD-123FL	bi-directional	200	8.5	10	9.44	10.4	1	14.4	13.9	8.5CA / AT
SMF85A	SOD-123FL	Unidirectional	200	85	1	94.4	104	1	137	1.3	85A / NV
SMF85CA	SOD-123FL	bi-directional	200	85	1	94.4	104	1	137	1.3	85CA / DV
SMF9.0A	SOD-123FL	Unidirectional	200	9	5	10	11.1	1	15.4	13	9.0A / KV
SMF9.0CA	SOD-123FL	bi-directional	200	9	5	10	11.1	1	15.4	13	9.0CA / AV
SMF90A	SOD-123FL	Unidirectional	200	90	1	100	111	1	146	1.2	90A / NX
SMF90CA	SOD-123FL	bi-directional	200	90	1	100	111	1	146	1.2	90CA / DX

