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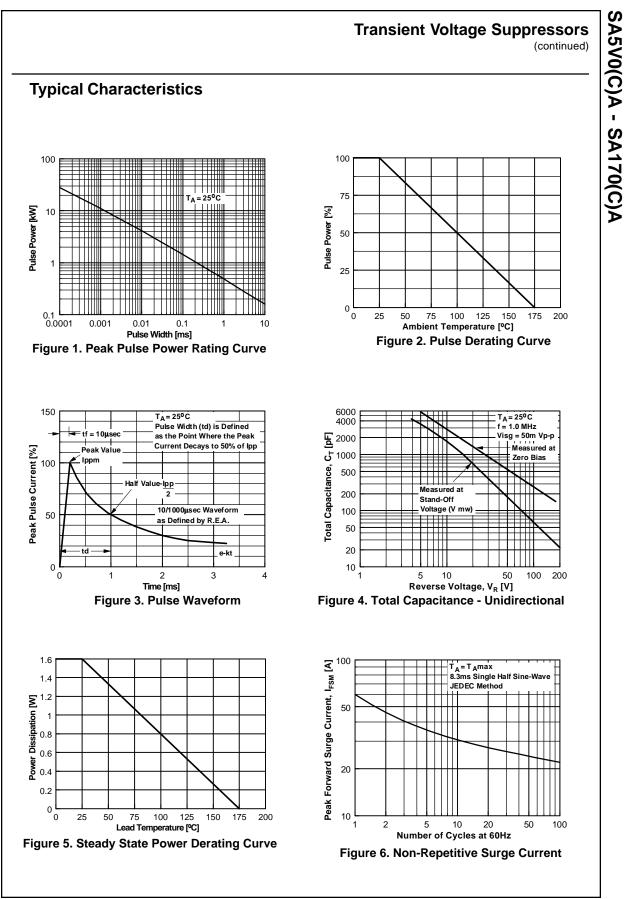
SA5V0(C)A - SA170(C)A, Rev. D

# Transient Voltage Suppressors (continued)

Uni-directional Bi-directional (C) Device	Reverse Stand-off Voltage V <sub>RVM</sub> (V)	Breakdown Voltage V <sub>BR</sub> (V)		Test Current	Clamping Voltage @l <sub>PPM</sub>	Peak Pulse Current	Reverse Leakage V <sub>RVM</sub>
				l⊤(mA)	V <sub>c</sub> (V)	I <sub>PPM</sub> (A)	I <sub>R</sub> (uA)*
		min	max				
SA5V0(C)A	5.0	6.40	7.00	10	9.2	54.3	600
SA6V0(C)A	6.0	6.67	7.37	10	10.3	48.5	600
SA6V5(C)A	6.5	7.22	7.98	10	11.2	44.7	400
SA7V0(C)A	7.0	7.78	8.60	10	12.0	41.7	150
SA7V5(C)A	7.5	8.33	9.21	1.0	12.9	38.8	50
SA8V0(C)A	8.0	8.89	9.83	1.0	13.6	36.7	25
SA8V5(C)A	8.5	9.44	10.4	1.0	14.4	34.7	10
SA9V0(C)A	9.0	10.0	11.1	1.0	15.4	32.5	5
SA10(C)A	10	11.1	12.3	1.0	17.0	29.4	1
SA11(C)A	11	12.2	13.5	1.0	18.2	27.4	1
SA12(C)A	12	13.3	14.7	1.0	19.9	25.1	1
SA13(C)A	13	14.4	15.9	1.0	21.5	23.2	1
SA14(C)A	14	15.6	17.2	1.0	23.2	21.5	1
SA15(C)A	15	16.7	18.5	1.0	24.4	20.6	1
SA16(C)A	16	17.8	19.7	1.0	26.0	19.2	1
SA17(C)A	17	18.9	20.9	1.0	27.6	18.1	1
SA18(C)A	18	20.0	22.1	1.0	29.2	17.2	1
SA20(C)A	20	22.2	24.5	1.0	32.4	15.4	1
SA22(C)A	22	24.4	26.9	1.0	35.5	14.1	1
SA24(C)A	24	26.7	29.5	1.0	38.9	12.8	1
SA26(C)A	26	28.9	31.9	1.0	42.1	11.9	1
SA28(C)A	28	31.1	34.4	1.0	45.4	11.0	1
SA30(C)A	30	33.3	36.8	1.0	48.4	10.3	1
SA33(C)A	33	36.7	40.6	1.0	53.3	9.4	1
SA36(C)A	36	40.0	44.2	1.0	58.1	8.6	1
SA40(C)A	40	44.4	49.1	1.0	64.5	7.8	1
SA43(C)A	43	47.8	52.8	1.0	69.4	7.2	1
SA45(C)A	45	50.0	55.3	1.0	72.7	6.9	1
SA48(C)A	48	53.3	58.9	1.0	77.4	6.5	1
SA51(C)A	51	56.7	62.7	1.0	82.4	6.1	1
SA54(C)A	54	60.0	66.3	1.0	87.1	5.7	1
SA58(C)A	58	64.4	71.2	1.0	93.6	5.3	1
SA60(C)A	60	66.7	73.7	1.0	96.8	5.2	1
SA64(C)A	64	71.1	78.6	1.0	103.0	4.9	1
SA70(C)A	70	77.8	86.0	1.0	113.0	4.4	1
SA75(C)A	75	83.3	92.1	1.0	121.0	4.1	1
SA78(C)A	78	86.7	92.1	1.0	126.0	4.1	1
SA85(C)A	85	94.4	104.0	1.0	137.0	3.6	1
SA90(C)A	90	100.0	111.0	1.0	146.0	3.4	1
SA100(C)A	100	111.0	123.0	1.0	140.0	3.4	1
SA100(C)A SA110(C)A	110	122.0	135.0	1.0	177.0	2.8	1
SA110(C)A SA120(C)A	120	133.0	135.0	1.0	193.0	2.0	1
SA120(C)A SA130(C)A	120	133.0	147.0	1.0	209.0	2.7	1
SA150(C)A SA150(C)A	150	167.0	185.0	1.0	209.0	2.4	1
SA160(C)A	160	167.0	185.0	1.0	243.0	1.9	1
SA160(C)A SA170(C)A	170	178.0	209.0	1.0	259.0	1.9	1

#### Electrical Characteristics $T_A = 25^{\circ}C$ unless otherwise noted

\* For bidirectional parts with  $V_{\mbox{\tiny RWM}}\mbox{<}10\mbox{V},$  the  $I_{\mbox{\tiny R}}$  max limit is doubled.



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