

CERAMIC SURGE ABSORBERS (VARISTORS)

SVC

SPECIFICATION

Device Type	Chip Element Size	Maximum ratings					Characteristics					
		Applied voltage		Transient			Nominal varistor ^④ peak voltage			Max. clamping ^⑤ voltage @ test current (8/20 μ s)		Typical capacitance
	RMS 50/60Hz (25 °C)	DC (25 °C)	Energy ^②	Average power dissipation	Peak ^③ current (8/20 μ s)	Vnom (Volts)						
	V acm (Volts)	V dcm (Volts)	W tm (Joules)	Ptam (Watts)	Itm (Amps)		Min (Volts)	Max (Volts)				
SVC 180D-05B SVC 180D-07B SVC 180D-10B SVC 180D-14B SVC 180D-20B	5 7 10 14 20	11	14	0.3 0.8 1.5 3.5 10.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	18	16	20	40 36 36 36 36	1 2.5 5 10 20	1700 3500 7000 1400 28000
SVC 220D-05B SVC 220D-07B SVC 220D-10B SVC 220D-14B SVC 220D-20B	5 7 10 14 20	14	18	0.4 0.9 2.0 4.0 13.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	22	20	24	48 43 43 43 43	1 2.5 5 10 20	1200 2500 5000 11000 22000
SVC 270D-05B SVC 270D-07B SVC 270D-10B SVC 270D-14B SVC 270D-20B	5 7 10 14 20	17	22	0.5 1.0 2.5 5.0 15.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	27	24	30	60 53 53 54 53	1 2.5 5 10 20	1100 2000 4500 9000 18000
SVC 330D-05B SVC 330D-07B SVC 330D-10B SVC 330D-14B SVC 330D-20B	5 7 10 14 20	20	26	0.6 1.2 3.0 6.0 20.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	33	30	36	73 65 65 65 65	1 2.5 5 10 20	1000 2000 4000 8000 16000
SVC 390D-05B SVC 390D-07B SVC 390D-10B SVC 390D-14B SVC 390D-20B	5 7 10 14 20	25	31	0.8 1.5 3.5 7.0 24.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	39	35	43	86 77 77 77 77	1 2.5 5 10 20	800 1600 3200 6500 13000
SVC 470D-05B SVC 470D-07B SVC 470D-10B SVC 470D-14B SVC 470D-20B	5 7 10 14 20	30	38	1.0 1.8 4.5 8.5 30.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	47	42	52	104 93 93 93 93	1 2.5 5 10 20	700 1400 2800 5500 11000
SVC 560D-05B SVC 560D-07B SVC 560D-10B SVC 560D-14B SVC 560D-20B	5 7 10 14 20	35	45	1.0 2.2 5.5 10.5 35.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	56	50	62	123 110 110 110 110	1 2.5 5 10 20	600 1300 2500 5000 10000
SVC 680D-05B SVC 680D-07B SVC 680D-10B SVC 680D-14B SVC 680D-20B	5 7 10 14 20	40	56	1.2 2.5 6.5 12.0 40.0	0.01 0.02 0.05 0.1 0.2	125 250 500 1000 2000	68	61	75	150 135 135 135 135	1 2.5 5 10 20	500 1000 2000 4000 8000
SVC 820D-05B SVC 820D-07B SVC 820D-10B SVC 820D-14B SVC 820D-20B	5 7 10 14 20	50	65	1.7 3.5 8.0 14.0 27.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	82	74	90	145 135 135 135 135	5 10 25 50 100	400 800 1500 3000 6000
SVC 101D-05B SVC 101D-07B SVC 101D-10B SVC 101D-14B SVC 101D-20B	5 7 10 14 20	60	85	2.0 4.0 10.0 18.0 30.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	100	90	110	175 165 165 165 165	5 10 25 50 100	350 700 1500 3000 6000
SVC 121D-05B SVC 121D-07B SVC 121D-10B SVC 121D-14B SVC 121D-20B	5 7 10 14 20	75	100	2.5 5.0 12.0 20.0 40.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	120	108	132	210 200 200 200 200	5 10 25 50 100	350 700 1300 2600 5200
SVC 151D-05B SVC 151D-07B SVC 151D-10B SVC 151D-14B SVC 151D-20B	5 7 10 14 20	95	125	3.0 6.0 16.0 25.0 50.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	150	135	165	260 250 250 250 250	5 10 25 50 100	250 500 1000 2000 4000
SVC 201D-05B SVC 201D-07B SVC 201D-10B SVC 201D-14B SVC 201D-20B	5 7 10 14 20	130	170	4.0 10.0 20.0 35.0 70.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	200	185	225	355 340 340 340 340	5 10 25 50 100	200 400 800 1600 3200
SVC 221D-05B SVC 221D-07B SVC 221D-10B SVC 221D-14B SVC 221D-20B	5 7 10 14 20	140	180	4.5 10.0 23.0 40.0 75.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	220	198	242	380 360 360 360 360	5 10 25 50 100	170 350 700 1400 2800
SVC 241D-05B SVC 241D-07B SVC 241D-10B SVC 241D-14B SVC 241D-20B	5 7 10 14 20	150	200	5.0 10.0 25.0 40.0 80.0	0.1 0.25 0.4 0.6 1.0	250 600 1250 2500 4000	240	216	264	415 395 395 395 395	5 10 25 50 100	170 350 700 1300 2600