

Table of Standard Values (Varistors with Radial Terminal Leads)

Type	Maximum Ratings $\vartheta_{amb} = +85^{\circ}\text{C} (+185^{\circ}\text{F})$					Characteristics $\vartheta_{amb} = +25^{\circ}\text{C} (+77^{\circ}\text{F})$					UL 1449
	Operating Voltage		Average Power Dissipation	Peak Current (8/20 μs)	Energy Absorption (8/20 μs)	Varistor Voltage	Tolerance	Maximum Clamping Voltage V @ Test Current (8/20 μs)		Capacitance f=1 kHz C	
	RMS Voltage	DC Voltage						V _c	I		
	V _{RMS} (V)	V _{DC} (V)	P _{max} (W)	I _{max} (A)	E _{max} (J)	V _N (V)	(%)	V _c (V)	I (A)	C (pF)	
V11 K5 V11 K7 V11 K10 V11 K14 V11 K20	11	14	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.1 0.4 0.7 1.6 3.0	18	± 15	36 36 36 36 36	1.0 2.5 5.0 10.0 20.0	1500 3500 7500 14000 25000	
V14 K5 V14 K7 V14 K10 V14 K14 V14 K20	14	18	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.2 0.5 1.0 2.0 4.0	22	± 15	43 43 43 43 43	1.0 2.5 5.0 10.0 20.0	1400 2500 6000 13000 22000	
V17 K5 V17 K7 V17 K10 V17 K14 V17 K20	17	22	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.2 0.6 1.2 2.7 5.6	27	± 15	53 53 53 53 53	1.0 2.5 5.0 10.0 20.0	1000 2000 4000 10000 18000	
V20 K5 V20 K7 V20 K10 V20 K14 V20 K20	20	26	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.3 0.7 1.6 3.3 6.6	33	± 10	65 65 65 65 65	1.0 2.5 5.0 10.0 20.0	900 1500 3000 7500 16000	* * * * *
V25 K5 V25 K7 V25 K10 V25 K14 V25 K20	25	31	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.3 0.9 1.9 3.7 7.8	39	± 10	77 77 77 77 77	1.0 2.5 5.0 10.0 20.0	500 1300 2500 6500 13000	* * * * *
V30 K5 V30 K7 V30 K10 V30 K14 V30 K20	30	38	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.4 1.0 2.2 4.4 9.0	47	± 10	93 93 93 93 93	1.0 2.5 5.0 10.0 20.0	450 1200 2200 6000 12000	* * * * *
V35 K5 V35 K7 V35 K10 V35 K14 V35 K20	35	45	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.5 1.2 2.8 5.2 10.0	56	± 10	110 110 110 110 110	1.0 2.5 5.0 10.0 20.0	400 1000 1800 4500 10000	* * * * *
V40 K5 V40 K7 V40 K10 V40 K14 V40 K20	40	56	0.01 0.02 0.05 0.10 0.20	100 250 500 1000 2000	0.6 1.5 3.4 6.8 14.0	68	± 10	135 135 135 135 135	1.0 2.5 5.0 10.0 20.0	350 700 1500 3300 7000	* * * * *
V50 K5 V50 K7 V50 K10 V50 K14 V50 K20	50	65	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	1.8 6.7 15.0 27.0 36.0	82	± 10	135 135 135 135 135	5.0 10.0 25.0 50.0 100.0	300 600 1400 3000 5500	* * * * *
V60 K5 V60 K7 V60 K10 V60 K14 V60 K20	60	85	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	2.2 8.2 20.0 30.0 45.0	100	± 10	165 165 165 165 165	5.0 10.0 25.0 50.0 100.0	200 500 1300 2500 4800	* * * * *