

**Table of Standard Values (Varistors with Radial Terminal Leads)**

Type	Maximum Ratings $\bar{\theta}_{amb} = +85^{\circ}\text{C} (+185^{\circ}\text{F})$					Characteristics $\bar{\theta}_{amb} = +25^{\circ}\text{C} (+77^{\circ}\text{F})$					UL 1449
	Operating Voltage		Average Power Dissipation	Peak Current (8/20 $\mu\text{s}$ )	Energy Absorption (8/20 $\mu\text{s}$ )	Varistor Voltage	Tolerance	Maximum Clamping Voltage V @ Test Current (8/20 $\mu\text{s}$ )		Capacitance f = 1 kHz C	
	RMS Voltage	DC Voltage						V <sub>c</sub> (V)	I (A)		
	V <sub>RMS</sub> (V)	V <sub>DC</sub> (V)	P <sub>max</sub> (W)	I <sub>max</sub> (A)	E <sub>max</sub> (J)	V <sub>N</sub> (V)	(%)			C (pF)	
V75 K5 V75 K7 V75 K10 V75 K14 V75 K20	75	100	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	2.6 10.0 24.0 38.0 55.0	120	$\pm 10$	200 200 200 200 200	5.0 10.0 25.0 50.0 100.0	170 500 1100 1900 3800	* * * * *
V95 K5 V95 K7 V95 K10 V95 K14 V95 K20	95	125	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	3.2 11.5 26.0 45.0 65.0	150	$\pm 10$	250 250 250 250 250	5.0 10.0 25.0 50.0 100.0	140 350 900 1500 2700	* * * * *
V115 K5 V115 K7 V115 K10 V115 K14 V115 K20	115	150	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	3.5 13.0 29.0 50.0 73.0	180	$\pm 10$	300 300 300 300 300	5.0 10.0 25.0 50.0 100.0	110 300 700 1200 2400	
V130 K5 V130 K7 V130 K10 V130 K14 V130 K20	130	170	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	4.0 15.0 32.0 55.0 80.0	205	$\pm 10$	340 340 340 340 340	5.0 10.0 25.0 50.0 100.0	80 250 500 1000 2000	* * * *
V140 K5 V140 K7 V140 K10 V140 K14 V140 K20	140	180	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	4.5 15.0 36.0 60.0 90.0	220	$\pm 10$	360 360 360 360 360	5.0 10.0 25.0 50.0 100.0	75 220 450 950 1900	* * * *
V150 K5 V150 K7 V150 K10 V150 K14 V150 K20	150	200	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	5.0 17.0 40.0 65.0 95.0	240	$\pm 10$	395 395 395 395 395	5.0 10.0 25.0 50.0 100.0	70 200 400 900 1800	* * * * *
V175 K5 V175 K7 V175 K10 V175 K14 V175 K20	175	225	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	5.5 19.0 43.0 68.0 110.0	270	$\pm 10$	455 455 455 455 455	5.0 10.0 25.0 50.0 100.0	65 170 350 750 1600	* * * * *
V230 K5 V230 K7 V230 K10 V230 K14 V230 K20	230	300	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	7.0 25.0 50.0 85.0 130.0	360	$\pm 10$	595 595 595 595 595	5.0 10.0 25.0 50.0 100.0	50 150 300 550 1200	* * * * *
V250 K5 V250 K7 V250 K10 V250 K14 V250 K20	250	320	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	7.5 26.0 55.0 92.0 140.0	390	$\pm 10$	650 650 650 650 650	5.0 10.0 25.0 50.0 100.0	50 140 280 500 1000	* * * * *
V275 K5 V275 K7 V275 K10 V275 K14 V275 K20	275	350	0.10 0.25 0.40 0.60 1.00	400 1200 2500 4500 6500	8.5 28.0 60.0 100.0 150.0	430	$\pm 10$	710 710 710 710 710	5.0 10.0 25.0 50.0 100.0	45 110 250 450 900	* * * * *