

STANDARD SERIES

SPECIFICATIONS

230 and 250 VAC Varistors

Maida Style Number	Recognitions To Safety Agency Standards					Nominal Size (mm)	Minimum Marking	Maximum Ratings						Electrical Characteristics				
								Continuous		Transient				Varistor Voltage @1 mA DC		Max Clamping Voltage (@Test Current)		Typical Cap. 1 V rms @1kHz (pF)
								Applied Voltage		Energy		Peak Current 8 x 20 μ sec # Pulses		Vmin (V)	Vmax (V)	(8 x 20 μ sec)		
								(AC)	(DC)	10 x 1000 μ sec (J)	8 x 20 μ sec (J)	1 (A)	2 (A)					
D56ZOV231RA1R7						3	Z231	230	300	1.7	1.7	100	50	326	397	670	2	20
D58ZOV231RA08	X				X	5	Z231-08UL	230	300	16	16	800	600	326	397	595	5	68
D73ZOV231RA20	X	X	X	X	X	7	Z231-20UL	230	300	32	32	1750	1250	326	397	595	10	141
D68ZOV231RA20		X	X			8	Z231-20UL	230	300	42	42	2400	1700	326	397	595	15	179
D61ZOV231RA35	X	X	X	X	X	10	Z231-35UL	230	300	65	65	3500	2500	326	397	595	25	248
D62ZOV231RA50	X	X	X	X	X	12	Z231-50UL	230	300	70	70	4500	3200	326	397	595	40	473
D69ZOV231RA70	X	X	X	X	X	14	Z231-70UL	230	300	135	135	6000	4500	326	397	595	50	504
D63ZOV231RA80	X	X	X	X	X	18	Z231-80UL	230	300	215	215	7500	6000	326	397	595	100	890
D65ZOV231RA115	X	X	X	X	X	20	Z231-115UL	230	300	270	270	10000	6500	326	397	595	100	1134
D6694ZOV231RA230	X	X	X		X	25	Z231-230UL	230	300	280	280	13000	9000	326	397	595	100	2059
D56ZOV251RA1R9						3	Z251	250	330	1.9	1.9	100	50	354	432	700	2	18
D58ZOV251RA08	X				X	5	Z251-08UL	250	330	17	17	800	600	354	432	675	5	62
D73ZOV251RA21	X	X	X	X	X	7	Z251-21UL	250	330	35	35	1750	1250	354	432	650	10	131
D68ZOV251RA21		X	X			8	Z251-21UL	250	330	45	45	2400	1700	354	432	650	15	165
D61ZOV251RA40	X	X	X	X	X	10	Z251-40UL	250	330	70	70	3500	2500	354	432	650	25	229
D62ZOV251RA55	X	X	X	X	X	12	Z251-55UL	250	330	80	80	4500	3200	354	432	650	40	437
D69ZOV251RA72	X	X	X	X	X	14	Z251-72UL	250	330	145	145	6000	4500	354	432	650	50	465
D63ZOV251RA90	X	X	X	X	X	18	Z251-90UL	250	330	240	240	7500	6000	354	432	650	75	822
D65ZOV251RA130	X	X	X	X	X	20	Z251-130UL	250	330	300	300	10000	6500	354	432	650	100	1047
D6694ZOV251RA260	X	X	X		X	25	Z251-260UL	250	330	315	315	13000	9000	354	432	650	100	1901

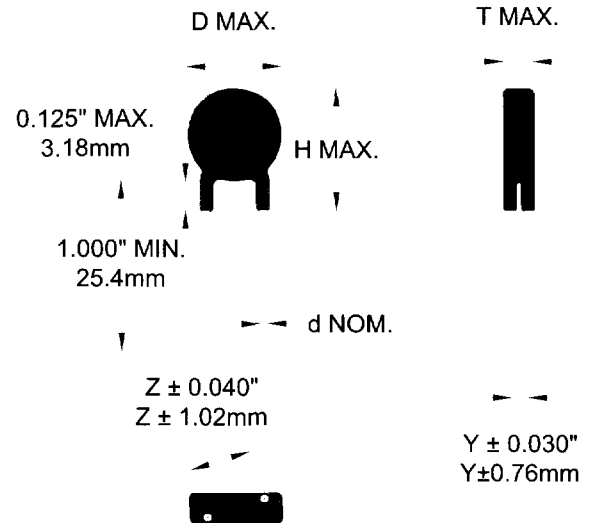
NOTES:

A = UL1449 File E86730 - Transient Voltage Surge Suppression
 B = UL1414 File E38785 - Across - The Line Applications
 C = CSA C22.2 File LR33458

D = VDE/CECC 42000/42201 & IEC 1051
 E = UL497B - File E180012
 F = SEV - 96.7 70250.01

Standard Dimensions: Inches (mm)

Size code	H	D	Z	d	OFFSET AND THICKNESS			
					230 VAC		250 VAC	
					Y	T	Y	T
D56	0.322 [8.18]	0.197 [5.0]	0.160 [4.06]	0.020 [0.51]	0.085 [2.16]	0.229 [5.82]	0.091 [2.31]	0.236 [5.99]
D58	0.423 [10.7]	0.298 [7.57]	0.200 [5.08]	0.025 [0.64]	0.090 [2.29]	0.229 [5.82]	0.096 [2.44]	0.236 [5.99]
D73	0.479 [12.17]	0.354 [8.99]	0.200 [5.08]	0.025 [0.64]	0.090 [2.29]	0.242 [6.15]	0.096 [1.52]	0.249 [6.32]
D68	0.519 [13.18]	0.394 [10.00]	0.200 [5.08]	0.025 [0.64]	0.090 [2.29]	0.242 [6.15]	0.096 [1.52]	0.249 [6.32]
D61	0.597 [15.16]	0.472 [11.99]	0.300 [7.62]	0.032 [0.81]	0.097 [2.46]	0.242 [6.15]	0.103 [2.62]	0.249 [6.32]
D62	0.715 [18.16]	0.590 [14.99]	0.300 [7.62]	0.032 [0.81]	0.097 [2.46]	0.242 [6.15]	0.103 [2.62]	0.249 [6.32]
D69	0.775 [19.69]	0.650 [16.51]	0.300 [7.62]	0.032 [0.81]	0.097 [2.46]	0.242 [6.15]	0.103 [2.62]	0.249 [6.32]
D63	0.937 [23.80]	0.812 [20.62]	0.300 [7.62]	0.032 [0.81]	0.097 [2.46]	0.242 [6.15]	0.103 [2.62]	0.249 [6.32]
D65	1.030 [26.16]	0.905 [22.99]	0.300 [7.62]	0.032 [0.81]	0.097 [2.46]	0.242 [6.15]	0.103 [2.62]	0.249 [6.32]
D66	1.250 [31.75]	1.100 [27.94]	0.500 [12.7]	0.040 [1.02]	0.105 [2.67]	0.230 [5.84]	0.111 [2.82]	0.237 [6.02]



Detailed Voltage vs. Current characteristic curves for each component are available from our engineering department.