

STANDARD SERIES

SPECIFICATIONS

140 and 150 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			
								Applied Voltage		Energy						Peak Current 8 x 20 μsec # Pulses		
								(AC)	(DC)	10 x 1000 μsec	8 x 20 μsec					1	2	Vmin
D56ZOV141RA1R1						3	Z141	140	180	1.1	1.1	100	50	198	242	380	2	33
D58ZOV141RA02	X			X	X	5	Z141 - 02UL	140	180	9	9	800	600	198	242	380	5	111
D73ZOV141RA03	X	X	X	X	X	7	Z141 - 03UL	140	180	20	20	1750	1250	198	242	360	10	232
D68ZOV141RA03		X	X			8	Z141 - 03UL	140	180	30	30	2400	1700	198	242	360	15	293
D6121ZOV141RA04	X	X	X	X	X	10	Z141 - 04UL	140	180	50	50	3500	2500	198	242	360	25	407
D7121ZOV141RA05	X	X	X	X	X	11	Z141 - 05UL	140	180	54	54	4000	2800	198	242	360	30	458
D6221ZOV141RA07	X	X	X	X	X	12	Z141 - 07UL	140	180	59	59	4500	3200	198	242	360	40	775
D6921ZOV141RA09	X	X	X	X	X	14	Z141 - 09UL	140	180	78	78	6500	5000	198	242	360	50	825
D6421ZOV141RA10		X	X			16	Z141 - 10UL	140	180	106	106	7700	6000	198	242	360	70	1209
D6321ZOV141RA75	X	X	X	X		18	Z141 - 75UL	140	180	135	135	9000	7000	198	242	360	100	1457
D6521ZOV141RA20	X	X	X	X	X	20	Z141 - 20UL	140	180	160	160	12000	9000	198	242	360	100	1855
D6694ZOV141RA150	X	X	X	X		25	Z141 - 150UL	140	180	180	180	18000	13000	198	242	360	100	3370
D56ZOV151RA1R2						3	Z151	150	200	1.2	1.2	100	50	212	259	430	2	30
D58ZOV151RA02	X			X	X	5	Z151 - 02UL	150	200	10.5	10.5	800	600	212	259	430	5	101
D73ZOV151RA03	X	X	X	X	X	7	Z151 - 03UL	150	200	21	21	1750	1250	212	259	395	10	212
D68ZOV151RA03		X	X			8	Z151 - 03UL	150	200	30	30	2300	1500	212	259	395	15	268
D6121ZOV151RA04	X	X	X	X	X	10	Z151 - 04UL	150	200	55	55	3500	2500	212	259	395	25	373
D7121ZOV151RA05	X	X	X	X	X	11	Z151 - 05UL	150	200	58	58	4000	2800	212	259	395	30	420
D6221ZOV151RA07	X	X	X	X	X	12	Z151 - 07UL	150	200	64	64	4500	3200	212	259	395	40	710
D6921ZOV151RA09	X	X	X	X	X	14	Z151 - 09UL	150	200	84	84	6500	5000	212	259	395	50	756
D6421ZOV151RA10		X	X			16	Z151 - 10UL	150	200	112	112	7700	6000	212	259	395	70	1108
D6321ZOV151RA80	X	X	X	X		18	Z151 - 80UL	150	200	140	140	9000	7000	212	259	395	100	1336
D6521ZOV151RA20	X	X	X	X	X	20	Z151 - 20UL	150	200	170	170	12000	9000	212	259	395	100	1701
D6694ZOV151RA160	X	X	X	X		25	Z151 - 160UL	150	200	190	190	18000	13000	212	259	395	100	3089

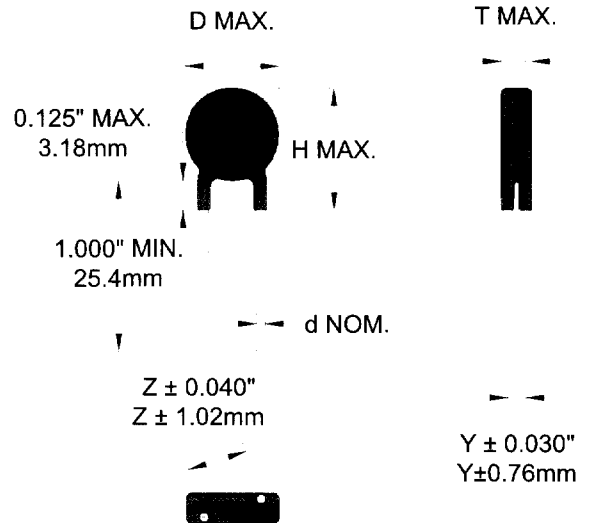
NOTES:

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			
					140 VAC		150 VAC	
					Y	T	Y	T
D56	0.322 [8.18]	0.197 [5.00]	0.160 [4.06]	0.020 [0.51]	0.060 [1.52]	0.208 [5.28]	0.064 [1.63]	0.212 [5.38]
D58	0.423 [10.74]	0.298 [7.57]	0.200 [5.08]	0.025 [0.64]	0.065 [1.65]	0.208 [5.28]	0.069 [1.75]	0.212 [5.38]
D73	0.479 [12.17]	0.354 [8.99]	0.200 [5.08]	0.025 [0.64]	0.065 [1.65]	0.208 [5.28]	0.069 [1.75]	0.212 [5.38]
D68	0.519 [13.18]	0.394 [10.00]	0.200 [5.08]	0.025 [0.64]	0.065 [1.65]	0.208 [5.28]	0.069 [1.75]	0.212 [5.38]
D61	0.597 [15.16]	0.472 [11.99]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D71	0.656 [16.66]	0.531 [13.49]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D62	0.715 [18.16]	0.590 [14.99]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D69	0.775 [19.69]	0.650 [16.51]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D64	0.835 [21.21]	0.710 [18.03]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D63	0.912 [23.16]	0.787 [19.99]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D65	1.030 [26.16]	0.905 [22.99]	0.300 [7.62]	0.032 [0.81]	0.072 [1.83]	0.208 [5.28]	0.076 [1.93]	0.212 [5.38]
D66	1.250 [31.75]	1.100 [27.94]	0.500 [12.7]	0.040 [10.2]	0.080 [2.03]	0.202 [5.14]	0.084 [2.13]	0.207 [5.26]



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