ZA Series Ratings & Specifications (Continued...)

Part Number	Branding	Model Size Disc Dia. (mm)	Maximum Rating (85°C)				Specifications (25°C)				
			Continuous		Transient		Varistor Voltage at 1mA DC Test Current		Maximum Clamping Voltage 8 x 20μs		Typical Capacitance f = 1MHz
			V_{RMS}	V_{DC}	Energy 10 x 1000μs	Peak Current 8 x 20μs					
			$V_{M(AC)}$	$V_{M(DC)}$	W_{TM}	I_{TM}	V_{NOM} Min	V_{NOM} Max	V_C	I_{PK}	C
			(V)	(V)	(J)	(A)	(V)	(V)	(V)	(A)	(pF)
V56ZA05P	PZ56	5	35	45	0.5	100	50	66	110	1	500
V56ZA2P	P56Z2	7	35	45	2.3	250	50	62	110	2.5	1035
V56ZA3P	P56Z3	10	35	45	5.5	500	50	62	110	5	2150
V56ZA8P	P56Z8	14	35	45	10	1000	50	62	110	10	4840
V56ZA20P	P56Z20	20	35	45	30	2000	50	62	110	20	10000
V68ZA05P	PZ68	5	40	56	0.6	100	61	80	135	1	400
V68ZA2P	P68Z2	7	40	56	3	250	61	75	135	2.5	910
V68ZA3P	P68Z3	10	40	56	6.5	500	61	75	135	5	1850
V68ZA10P	P68Z10	14	40	56	13	1000	61	75	135	10	3870
V68ZA20P	P68Z20	20	40	56	33	2000	61	75	135	20	9000
V82ZA05P	PZ82	5	50	68	2	400	73	97	135	5	355
V82ZA2P	P82Z2	7	50	68	4	1200	73	91	135	10	700
V82ZA4P	P82Z4	10	50	68	8	2500	73	91	135	25	1485
V82ZA12P	P82Z12	14	50	68	15	4500	73	91	145	50	3380
V82ZA20P	P82Z20	20	50	68	25	6500	73	91	145	100	7000
V100ZA05P	PZ100	5	60	81	2.5	400	90	117	165	5	310
V100ZA3P	P100Z	7	60	81	5	1200	90	110	165	10	600
V100ZA4P	P100Z4	10	60	81	10	2500	90	110	165	25	1200
V100ZA15P	P100Z15	14	60	81	20	4500	90	110	175	50	2900
V100ZA20P	P100Z20	20	60	81	30	6500	90	110	175	100	6500
V120ZA05P	PZ120	5	75	102	3	400	108	138	205	5	250
V120ZA1P	P120Z	7	75	102	6	1200	108	132	205	10	515
V120ZA4P	P120Z4	10	75	102	12	2500	108	132	200	25	1100
V120ZA6P	P120Z6	14	75	102	22	4500	108	132	210	50	2450
V120ZA20P	P120Z20	20	75	102	33	6500	108	132	210	100	5000
V150ZA05P	PZ150	5	92	127	4	400	135	173	250	5	190
V150ZA1P	PZ051	7	95	127	8	1200	135	165	250	10	460
V150ZA4P	P150Z4	10	95	127	15	2500	135	165	250	25	860
V150ZA8P	P150Z8	14	95	127	20	4500	135	165	250	50	1910
V150ZA20P	P150Z20	20	95	127	45	6500	135	165	250	100	3500
V180ZA05P	PZ180	5	110	153	5	400	162	207	295	5	100
V180ZA1P	P180Z	7	115	153	10	1200	162	198	300	10	320
V180ZA5P	P180Z5	10	115	153	18	2500	162	198	300	25	465
V180ZA10P	P180Z10	14	115	153	35	4500	162	198	300	50	1190
V180ZA20P	P180Z20	20	115	153	52	6500	162	198	300	100	2400
V205ZA05P	PZ205	5	130	170	5.5	400	184	226	340	5	100
V220ZA05P	PZ220	5	140	180	6	400	198	253	360	5	95
†V240ZA05P	PZ240	5	150	200	7	400	216	264	395	5	90
†V270ZA05P	PZ270	5	175	225	7.5	400	243	311	455	5	75
†V330ZA05P	PZ330	5	210	275	9	400	297	380	540	5	70
†V360ZA05P	PZ360	5	230	300	9.5	400	324	396	595	5	60
†V390ZA05P	PZ390	5	250	330	10	400	351	449	650	5	80
†V430ZA05P	PZ430	5	275	369	11	400	387	495	710	5	75
†V470ZA05P	PZ470	5	300	385	12	400	420	517	775	5	70
†V620ZA05P	PZ620	5	385	505	13	400	558	682	1025	5	45
†V680ZA05P	PZ680	5	420	560	14	400	610	748	1120	5	40
†V715ZA05P	PZ715	5	440	585	15.5	400	643	787	1180	5	35
†V750ZA05P	PZ750	5	460	615	17	400	675	825	1240	5	30

Note:
1. Average power dissipation of transients not to exceed 0.2W, 0.25W, 0.4W, 0.6W or 1W for model sizes 5mm, 7mm, 10mm, 14mm and 20mm, respectively.
2. Energy rating for impulse duration of 30ms minimum to one half of peak current (auto Load Dump).
3. 10mA DC test current.
4. Also rated to withstand 24V for 5 minutes.
5. Higher voltages available, contact Littelfuse.
6. Also rated to withstand 48V for 5 minutes.
7. Energy rating for impulse duration of 30ms minimum to one half of peak current (Auto Load Dump): 100J

† Also Recognized to UL 1449, Transient Voltage Surge Suppressors File E320116

Specifications are subject to change without notice.
Please refer to www.littelfuse.com/series/za.html for current information.

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