

Maximum Ratings

Electrical Characteristics

Part Number	Actual Part Marking	Continuous Rated Voltage		Rated Single Pulse Transient Energy			Varistor Voltage @1mA DC		Maximum Clamping Voltage @ Test Current		Typical Capacitance @ 1KHZ 25°C Picofarads
		AC RMS Volts	DC Volts	2ms Joules	10/1000µs Joules	Peak 8/20µs Amps	Min Volts	Max Volts	8/20µs Volts	Amps	
14mm Disc Diameter											
D6921ZOV110RA04	Z110-04	11	14	3.5	4.0	1000	16	20	36	10	15000
D6921ZOV140RA04	Z140-04	14	18	4.0	5.0	1000	20	24	43	10	12000
D6921ZOV170RA05	Z170-05	17	22	5.0	6.0	1000	24	30	53	10	10000
D6921ZOV200RA06	Z200-06	20	26	6.0	7.5	1000	30	36	65	10	7500
D6921ZOV250RA07	Z250-07	25	31	7.0	8.6	1000	35	43	77	10	5600
D6921ZOV300RA09	Z300-09	30	38	8.5	10	1000	42	52	92	10	5100
D6921ZOV350RA10	Z350-10	35	45	10	11	1000	50	62	110	10	4700
D6921ZOV400RA12	Z400-12	40	56	12	14	1000	61	75	135	10	4200
D6921ZOV500RA06	Z500-06	50	66	14	22	4500	74	90	135	50	1800
D6921ZOV600RA06	Z600-06	60	85	18	28	4500	90	110	165	50	1500
D6921ZOV750RA06	Z750-06	75	102	20	32	4500	108	132	200	50	1200
D6921ZOV950RA06	Z950-06	95	127	25	40	4500	135	165	250	50	1000
D6921ZOV121RA09	Z121-09	120	160	32	52	4500	170	207	320	50	910
D6921ZOV131RA09	Z131-09	130	175	35	57	4500	184	224	340	50	820
D6921ZOV141RA09	Z141-09	140	180	40	60	4500	198	242	360	50	750
D6921ZOV151RA09	Z151-09	150	200	42	63	4500	212	259	395	50	680
D6921ZOV181RA09	Z181-09	180	230	50	70	4500	255	311	465	50	620
D69ZOV211RA65	Z211-65	210	270	60	84	4500	297	363	545	50	560
D69ZOV231RA70	Z231-70	230	300	65	93	4500	326	397	595	50	510
D69ZOV251RA72	Z251-72	250	330	70	100	4500	354	432	650	50	500
D69ZOV271RA75	Z271-75	275	370	75	115	4500	389	466	710	50	470
D69ZOV301RA80	Z301-80	300	385	80	125	4500	425	518	775	50	420
D69ZOV321RA90	Z321-90	320	420	82	128	4500	453	553	840	50	390
D69ZOV361RA85	Z361-85	360	470	84	138	4500	522	638	960	50	360
D69ZOV391RA85	Z391-85	390	505	86	140	4500	552	674	1025	50	330
D69ZOV401RA85	Z401-85	400	530	88	141	4500	585	715	1070	50	300
D69ZOV421RA90	Z421-90	420	560	90	142	4500	594	725	1120	50	270
D69ZOV461RA100	Z461-100	460	615	100	143	4500	651	795	1240	50	250
D69ZOV481RA105	Z481-105	485	640	105	148	4500	686	829	1240	50	230
D69ZOV511RA110	Z511-110	510	675	110	157	4500	722	881	1350	50	210
D69ZOV551RA115	Z551-115	550	745	120	175	4500	778	950	1400	50	200
D69ZOV581RA120	Z581-120	580	750	125	180	4500	821	1002	1500	50	180
D69ZOV621RA130	Z621-130	625	825	130	190	4500	884	1071	1620	50	150
D69ZOV681RA150	Z681-150	680	895	140	215	4500	962	1175	1800	50	120
D69ZOV751RA165	Z751-165	750	900	160	240	4500	1080	1320	2100	50	100
D69ZOV102RA220	Z102-220	1000	1200	240	340	4500	1414	1728	2700	50	91
High Energy RD Series											
<i>(All part numbers below will have "ULD" added to the part marking.)</i>											
D6921ZOV131RD09	Z131-09	130	175	NA	70	6500	184	224	340	50	820
D6921ZOV141RD09	Z141-09	140	180	NA	75	6500	198	242	360	50	750
D6921ZOV151RD09	Z151-09	150	200	NA	80	6500	212	259	395	50	680

Non-standard types are not shown. 8mm, 11mm, 12mm and 16mm sizes are available upon request.

UL 497B recognized (File E180012) for voltages 550VAC and below.

UL 1449 recognized (File E86730).

UL 1414 recognized (File E38785) for 120VAC through 320VAC and 420VAC through 1000VAC values, with exception of 1000VAC values, with exception of 1000VAC values.

VDE/CECC 42000/42200/42201 (File 58819) for 130VAC through 1000VAC values.

CSA 22.2 certified (File LR33468) for 120VAC through 1000VAC values.

SEV/CECC 42000/42200/42201 (File 96,7 70250,01) for 150VAC through 1000VAC values.