

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
		AC RMS Volts	DC Volts	2ms Joules	10/1000µs Joules	Peak 8/20µs Amps	Min Volts	Max Volts	8/20µs Volts	Amps	@ 1KHZ 25°C Picofarads
20mm Disc Diameter											
D6521ZOV110RA10	Z110-10	11	14	**80	11	2000	16	20	36	20	33000
D6521ZOV140RA13	Z140-13	14	**18	**100	14	2000	++20	++24	43	20	25000
D6521ZOV170RA15	Z170-15	17	22	**120	18	2000	++24	++30	53	20	22000
D6521ZOV200RA20	Z200-20	20	26	**150	23	2000	++30	++36	65	20	18000
D6521ZOV250RA24	Z250-24	25	31	26	26	2000	++35	++43	77	20	15000
D6521ZOV300RA30	Z300-30	30	38	33	33	2000	42	52	93	20	12000
D6521ZOV350RA35	Z350-35	35	45	41	41	2000	50	62	110	20	10000
D6521ZOV400RA40	Z400-40	40	56	46	46	2000	61	75	135	20	7000
D6521ZOV500RA42	Z500-42	50	66	48	48	6500	74	90	135	100	5500
D6521ZOV600RA45	Z600-45	60	85	50	50	6500	90	110	165	100	4800
D6521ZOV750RA55	Z750-55	75	102	55	55	6500	108	132	200	100	3600
D6521ZOV950RA65	Z950-65	95	127	70	70	6500	135	165	250	100	2500
D6521ZOV121RA20	Z121-20	120	160	85	85	10000	170	207	320	100	2200
D6521ZOV131RA20	Z131-20	130	175	95	95	10000	184	224	340	100	2000
D6521ZOV141RA20	Z141-20	140	180	100	100	10000	198	242	360	100	1800
D6521ZOV151RA20	Z151-20	150	200	110	110	10000	212	259	395	100	1500
D6521ZOV181RA20	Z181-20	180	230	127	127	10000	255	311	465	100	1300
D65ZOV211RA110	Z211-110	210	270	148	148	10000	297	363	545	100	1200
D65ZOV231RA115	Z231-115	230	300	163	163	10000	326	397	595	100	1100
D65ZOV251RA130	Z251-130	250	330	180	180	10000	354	432	650	100	1000
D65ZOV271RA140	Z271-140	275	370	190	190	10000	389	466	710	100	910
D65ZOV301RA150	Z301-150	300	385	220	220	10000	425	518	775	100	820
D65ZOV321RA160	Z321-160	320	420	222	222	10000	453	553	850	100	750
D65ZOV361RA160	Z361-160	360	470	226	226	10000	522	638	910	100	680
D65ZOV391RA150	Z391-150	390	505	228	228	10000	552	674	1025	100	620
D65ZOV421RA160	Z421-160	420	560	230	230	10000	594	725	1120	100	560
D65ZOV461RA175	Z461-175	460	615	255	255	10000	651	795	1240	100	420
D65ZOV481RA180	Z481-180	485	640	265	265	10000	686	829	1240	100	400
D65ZOV511RA190	Z511-190	510	675	282	282	10000	722	881	1350	100	510
D65ZOV551RA200	Z551-200	550	745	310	310	10000	778	950	1400	100	470
D65ZOV581RA220	Z581-220	580	750	315	325	10000	821	1002	1500	100	450
D65ZOV621RA230	Z621-230	625	825	342	342	10000	884	1071	1620	100	420
D65ZOV681RA260	Z681-260	680	895	383	383	10000	962	1175	1800	100	390
D65ZOV102RA360	Z102-360	1000	1200	625	625	10000	1414	1728	2700	100	250
High Energy RD Series											
<i>(All part numbers below will have "ULD" added to the part marking.)</i>											
D6521ZOV131RD20	Z131-20	130	175	NA	150	12000	184	224	340	100	2000
D6521ZOV141RD20	Z141-20	140	180	NA	160	12000	198	242	360	100	1800
D6521ZOV151RD20	Z151-20	150	200	NA	170	12000	212	259	395	100	1500

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 1000VAC, with exception of 210VAC, 360VAC, 390VAC and 460VAC values.

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

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

SEV/CECC 42000/42200/42201 (File 96.7 70250,01) for 150VAC through 1000VAC values.

**Rated to withstand 24V for five minutes.

++10mA DC test condition.

**Energy rating for impulse durations of 30ms minimum to one half of peak current value.

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