

D 7 8 , D 7 5 , A N D D 7 7 S E R I E S

Maximum Ratings						Electrical Characteristics				
Part Number	Actual Part Marking	Continuous Rated Voltage		Rated Single Pulse Transient		Varistor Voltage @1mA DC		Maximum Clamping Voltage		Typical Capacitance @ 1KHZ 25°C PicoFarad
		AC RMS Volts	DC Volts	Energy 10/1000µs Joules	Peak 8/20µs Amps	Min Volts	Max Volts	@ Test Current 8/20µs Volts	Amps	
32mm Disc Diameter										
D78_ZOV131RA210	Z131-210	130	175	210	25000	184	224	340	200	4700
D78_ZOV141RA225	Z141-225	140	180	225	25000	198	242	365	200	4300
D78_ZOV151RA240	Z151-240	150	200	240	25000	212	259	395	200	4000
D78_ZOV181RA250	Z181-250	180	230	250	25000	255	311	470	200	3500
D78_ZOV231RA300	Z231-300	230	300	300	25000	326	397	595	200	2800
D78_ZOV251RA330	Z251-330	250	330	330	25000	354	432	650	200	2500
D78_ZOV271RA360	Z271-360	275	360	360	25000	389	466	710	200	2200
D78_ZOV301RA380	Z301-380	300	390	380	25000	425	518	790	200	2000
D78_ZOV321RA430	Z321-430	320	420	430	25000	453	553	840	200	1900
D78_ZOV391RA550	Z391-550	390	505	550	25000	552	674	1025	200	1600
D78_ZOV421RA600	Z421-600	420	560	600	25000	594	725	1120	200	1500
D78_ZOV461RA520	Z461-520	460	615	520	25000	651	795	1240	200	1400
D78_ZOV481RA550	Z481-550	485	640	550	25000	679	829	1300	200	1300
D78_ZOV511RA580	Z511-580	510	675	580	25000	722	881	1390	200	1200
D78_ZOV551RA620	Z551-620	550	700	620	25000	778	950	1500	200	1150
D78_ZOV581RA650	Z581-650	580	735	650	25000	821	1002	1575	200	1100
D78_ZOV621RA680	Z621-680	625	825	680	25000	877	1071	1670	200	1000
D78_ZOV681RA760	Z681-760	680	860	760	25000	962	1175	1815	200	900
D78_ZOV751RA800	Z751-800	750	970	800	25000	1062	1300	2000	200	800
D78_ZOV881RA850	Z881-850	880	1150	850	25000	1245	1520	2290	200	680
D78_ZOV102RA900	Z102-900	1000	1200	900	25000	1414	1728	2550	200	600
40mm Disc Diameter										
D75_ZOV131RA310	Z131-310	130	175	310	40000	184	224	340	300	10000
D75_ZOV141RA330	Z141-330	140	180	330	40000	198	242	365	300	9000
D75_ZOV151RA360	Z151-360	150	200	360	40000	212	259	395	300	8000
D75_ZOV181RA390	Z181-390	180	230	390	40000	255	311	470	300	7100
D75_ZOV231RA460	Z231-460	230	300	460	40000	326	397	595	300	5600
D75_ZOV251RA490	Z251-490	250	330	490	40000	354	432	650	300	5000
D75_ZOV271RA550	Z271-550	275	360	550	40000	389	466	710	300	4500
D75_ZOV301RA600	Z301-600	300	390	600	40000	425	518	790	300	4000
D75_ZOV321RA640	Z321-640	320	420	640	40000	453	553	840	300	3800
D75_ZOV391RA800	Z391-800	390	505	800	40000	552	674	1025	300	3300
D75_ZOV421RA910	Z421-910	420	560	910	40000	594	725	1120	300	3000
D75_ZOV461RA780	Z461-780	460	615	780	40000	651	795	1240	300	2600
D75_ZOV481RA820	Z481-820	485	640	820	40000	686	829	1300	300	2700
D75_ZOV511RA900	Z511-900	510	675	900	40000	722	881	1390	300	2500
D75_ZOV551RA960	Z551-960	550	700	960	40000	778	950	1500	300	2300
D75_ZOV581RA1000	Z581-1000	580	735	1000	40000	821	1002	1575	300	2200
D75_ZOV621RA1040	Z621-1040	625	825	1040	40000	884	1071	1670	300	2100
D75_ZOV681RA1100	Z681-1100	680	860	1100	40000	962	1175	1815	300	2000
D75_ZOV751RA1200	Z751-1200	750	970	1200	40000	1062	1300	2000	300	1800
D75_ZOV881RA1300	Z881-1300	880	1150	1300	40000	1245	1520	2290	300	1500
D75_ZOV102RA1400	Z102-1400	1000	1200	1400	40000	1414	1728	2550	300	1300

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NOTE: Tolerance for typical capacitance is +/-30%.

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Maximum Ratings						Electrical Characteristics				
Part Number	Actual Part Marking	Continuous		Rated Single Pulse Transient		Varistor Voltage @1mA DC		Maximum Clamping Voltage @ Test Current 8/20µs		Typical Capacitance @ 1KHZ 25°C
		Rated Voltage								
		AC RMS Volts	DC Volts	Energy 10/1000µs Joules	Peak 8/20µs Amps	Min Volts	Max Volts	Volts	Amps	Picofarad
53mm Disc Diameter										
D77__ZOV131RA490	Z131-490	130	175	490	70000	184	224	340	500	18000
D77__ZOV141RA530	Z141-530	140	180	530	70000	198	242	365	500	16000
D77__ZOV151RA570	Z151-570	150	200	570	70000	212	259	395	500	14000
D77__ZOV181RA630	Z181-630	180	230	630	70000	255	311	470	500	12500
D77__ZOV231RA730	Z231-730	230	300	730	70000	326	397	595	500	10000
D77__ZOV251RA800	Z251-800	250	330	800	70000	354	432	650	500	8800
D77__ZOV271RA860	Z271-860	275	360	860	70000	389	466	710	500	8000
D77__ZOV301RA940	Z301-940	300	390	940	70000	425	518	790	500	7200
D77__ZOV321RA1000	Z321-1000	320	420	1000	70000	453	553	840	500	6600
D77__ZOV391RA1200	Z391-1200	390	505	1200	70000	552	674	1025	500	6200
D77__ZOV421RA1500	Z421-1500	420	560	1500	70000	594	725	1120	500	5300
D77__ZOV461RA1200	Z461-1200	460	615	1200	70000	651	795	1240	500	5000
D77__ZOV481RA1250	Z481-1250	485	640	1250	70000	686	829	1300	500	4800
D77__ZOV511RA1400	Z511-1400	510	675	1400	70000	722	881	1390	500	4400
D77__ZOV551RA1500	Z551-1500	550	700	1500	70000	778	950	1500	500	4100
D77__ZOV581RA1580	Z581-1580	580	735	1580	70000	821	1002	1575	500	4000
D77__ZOV621RA1750	Z621-1750	625	825	1750	70000	884	1071	1670	500	3700
D77__ZOV681RA1800	Z681-1800	680	860	1800	70000	962	1175	1815	500	3300
D77__ZOV751RA2000	Z751-2000	750	970	2000	70000	1062	1300	2000	500	3100
D77__ZOV881RA2500	Z881-2500	880	1150	2500	70000	1245	1520	2290	500	2400
D77__ZOV102RA3000	Z102-3000	1000	1200	3000	70000	1414	1728	2970	500	2100

Insert (80) in blanks to indicate STRAIGHT tabs or (77) to indicate FORMED FOOT

For example: D7580ZOV251RA490
D7577ZOV251RA490

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

UL 1449 recognized (File E86730).

UL 1414 recognized (File E38785).

CSA 22.2 certified (File LR33468).

NOTE: Tolerance for typical capacitance is +/- 30%.

9914368 0000736 T58