



Z80M SERIES

100,000A, 130 to 1000V
High Energy Metal Oxide Varistor



Features

- High Current Surge Rating
- High Energy Capability

Specifications

Part Number	Values								
	Maximum Allowable Voltage		Maximum Varistor Voltage At 1mA	Maximum Clamping Voltage		Maximum Peak Surge Current At 8/20µs		Maximum Energy At 2ms	Typical Capacitance Reference At 1kHz
	V _{RMS AC} (V)	V _{DC} (V)	V _{N DC} (V)	V _C (V)	I _C (A)	I _{P1} One Time (A)	I _{P2} Two Times (A)	W _{MAX} (J)	C (pF)
Z80M201	130	170	200 (185 to 225)	340	800	100000	80000	660	28000
Z80M241	150	200	240 (216 to 264)	395	800	100000	80000	800	23000
Z80M271	175	225	270 (243 to 297)	455	800	100000	80000	900	21300
Z80M301	195	250	300 (270 to 330)	500	800	100000	80000	1000	19600
Z80M331	210	275	330 (297 to 363)	550	800	100000	80000	1100	17900
Z80M361	230	300	360 (324 to 396)	595	800	100000	80000	1200	16000
Z80M391	250	320	390 (351 to 429)	650	800	100000	80000	1300	14000
Z80M431	275	350	430 (387 to 473)	710	800	100000	80000	1400	13000
Z80M471	300	385	470 (423 to 517)	775	800	100000	80000	1500	12000
Z80M511	320	420	510 (459 to 561)	840	800	100000	80000	1600	11000
Z80M561	350	460	560 (504 to 616)	915	800	100000	80000	1800	10000
Z80M621	385	505	620 (558 to 682)	1025	800	100000	80000	2000	9000
Z80M681	420	560	680 (612 to 748)	1120	800	100000	80000	2200	8500
Z80M751	460	615	750 (675 to 825)	1240	800	100000	80000	2220	7700
Z80M781	485	640	780 (702 to 858)	1290	800	100000	80000	2250	7300
Z80M821	510	670	820 (738 to 902)	1355	800	100000	80000	2300	6900
Z80M911	550	745	910 (819 to 1001)	1500	800	100000	80000	2350	6500
Z80M951	580	750	950 (855 to 1045)	1600	800	100000	80000	2450	6000
Z80M102	625	825	1000 (900 to 1100)	1650	800	100000	80000	2550	5600
Z80M112	680	895	1100 (990 to 1210)	1815	800	100000	80000	3600	5200
Z80M122	750	970	1200 (1082 to 1320)	2000	800	100000	80000	3650	5000
Z80M142	880	1150	1400 (1245 to 1520)	2290	800	100000	80000	3700	4800
Z80M162	900	1200	1600 (1414 to 1728)	2700	800	100000	80000	3800	4600
Z80M182	1000	1400	1800 (1620 to 2060)	2970	800	100000	80000	3900	4400

Case Outline and Dimensions

