



Z53RD SERIES

Metal Oxide Varistor

Features:

- High Current Surge Rating
- Easy Tabbed Connections
- Maximum Power Dissipation: Z53RD 1.5 watts
- Typical Response Time is Less than 15 nanoseconds

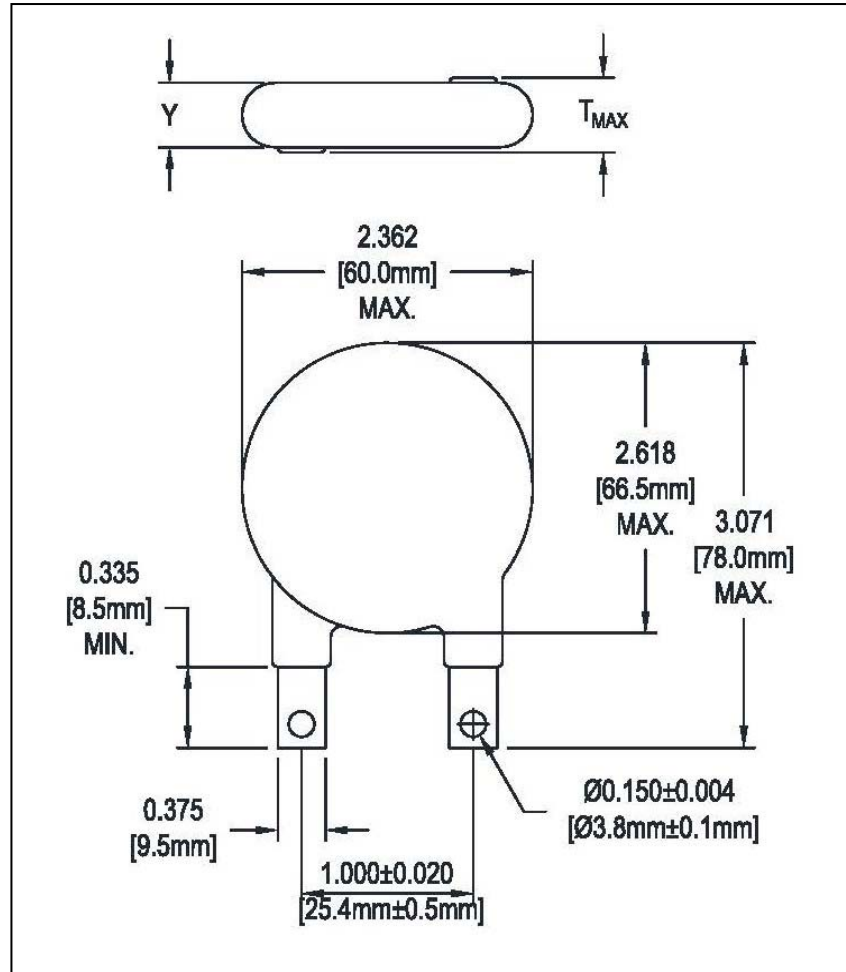


ELECTRICAL CHARACTERISTICS AND RATINGS

Part Number	Max Allowable Voltage		Varistor Voltage @1 mA (V)	Clamping Voltage (Max)		Max Peck Current (8/20µs)		Max Energy (Joules) 10/1000µs	Typical Capacitance @1kHz pF	T _{MAX} mm	Y mm ±1mm
	AC _{RMS} (V)	DC (V)		V _C (V)	I _P (A)	1 Time	2 Times				
	(V)	(V)	(V)	(A)	(A)	(A)					
Z53RD201	130	170	200(185-225)	340	500	70000	50000	600	14000	6.8	4.9
Z53RD241	150	200	240(216-264)	395	500	70000	50000	720	11000	7.0	5.1
Z53RD271	175	225	270(243-297)	455	500	70000	50000	810	10000	7.1	5.2
Z53RD331	210	275	330(297-363)	550	500	70000	50000	990	8500	7.3	5.4
Z53RD361	230	300	360(324-396)	595	500	70000	50000	1120	7700	7.5	5.6
Z53RD391	250	320	390(351-429)	650	500	70000	50000	1250	7100	7.7	5.8
Z53RD431	275	350	430(387-473)	710	500	70000	50000	1380	6600	7.9	6
Z53RD471	300	385	470(423-517)	775	500	70000	50000	1500	5900	8.1	6.2
Z53RD511	320	415	510(459-561)	845	500	70000	50000	1590	5700	8.4	6.5
Z53RD561	350	460	560(504-616)	915	500	70000	50000	1045	5000	8.7	6.8
Z53RD621	385	505	620(558-682)	1025	500	70000	50000	1880	5600	9.0	7.1
Z53RD681	420	560	680(612-748)	1120	500	70000	50000	1880	4400	9.4	7.5
Z53RD751	460	615	750(675-825)	1240	500	70000	50000	1920	3900	9.8	7.9
Z53RD781	485	640	780(702-858)	1290	500	70000	50000	2025	3800	10.0	8
Z53RD821	510	670	820(738-902)	1355	500	70000	50000	2100	3500	10.2	8.3
Z53RD911	550	745	910(819-1001)	1500	500	70000	50000	2215	3300	10.7	8.8
Z53RD951	575	760	950(855-1045)	1570	500	70000	50000	2230	3100	11.0	9
Z53RD102	625	825	1000(900-1100)	1650	500	70000	50000	2325	3900	11.2	9.3
Z53RD112	680	895	1100(990-1210)	1815	500	70000	50000	2550	2700	11.7	9.8
Z53RD122	750	980	1200(1062-1300)	2100	500	70000	50000	2625	2400	12.8	10.9
Z53RD142	850	1120	1400(1245-1520)	2290	500	70000	50000	2625	2100	13.8	11.9
Z53RD162	1000	1320	1600(1414-1728)	2700	500	70000	50000	3000	1800	14.9	13



CASE OUTLINE AND DIMENSIONS



DIMENSIONS IN INCHES [MILLIMETERS]