

MDE Semiconductor, Inc.

78-150 Calle Tampico, Unit 210, La Quinta, CA., USA 92253 Tel: 760-564-8656 • Fax: 760-564-2414
1-800-831-4881 Email: sales@mdesemiconductor.com Web: www.mdesemiconductor.com

Metal Oxide Varistors

High Energy Series 53mm Single Disc

PART NUMBER	Varistor Voltage	Maximum Allowable Voltage		Max Clamping Voltage (8/20 μ S)		Max. Energy (J)	Max. Peak Current (8/20 μ S)	Typical Capacitance (Reference)
	V@1mA (v)	ACrms (v)	DC (v)	Vc (v)	Ip (A)	10/1000 μ S	1 time (ka)	1kHz (pF)
MDE-53D201K	200 (185-225)	130	175	340	500	490	70000	15000
MDE-53D221K	220 (198-242)	140	180	340	500	490	70000	16000
MDE-53D241K	240 (216-264)	150	200	395	500	570	70000	12500
MDE-53D271K	270 (255-311)	175	225	455	500	630	70000	11000
MDE-53D331K	330 (297-363)	210	275	550	500	680	70000	9000
MDE-53D361K	360 (324-396)	230	300	595	500	730	70000	8500
MDE-53D391K	390 (351-429)	250	330	650	500	880	70000	7500
MDE-53D431K	430 (387-473)	275	370	710	500	950	70000	7000
MDE-53D471K	470 (423-517)	300	385	775	500	1000	70000	6500
MDE-53D511K	510 (459-561)	320	420	845	500	1100	70000	6000
MDE-53D621K	620 (558-682)	390	505	1025	500	1300	70000	5000
MDE-53D681K	680 (612-748)	420	560	1120	500	1500	70000	4500
MDE-53D751K	750 (675-825)	460	615	1240	500	1600	70000	4000
MDE-53D781K	780 (702-858)	485	640	1290	500	1650	70000	3900
MDE-53D821K	820 (738-902)	510	675	1355	500	1800	70000	3700
MDE-53D911K	910 (819-1001)	550	745	1500	500	2000	70000	3300
MDE-53D951K	950 (855-1045)	575	765	1570	500	2100	70000	3200
MDE-53D102K	1000 (900-1100)	625	825	1650	500	2200	70000	3000
MDE-53D112K	1100 (962-1175)	680	895	1815	500	2500	70000	2700
MDE-53D122K	1200 (1080-1320)	750	980	2100	500	2600	70000	2500
MDE-53D142K	1400(1245-1520)	880	1150	2290	500	3200	70000	2400
MDE-53D162K	1600(1414-1728)	1000	1200	2700	500	3200	70000	2300
MDE-53D182K	1800 (1620-2060)	1100	1400	3030	500	3200	70000	2200
MDE-53D192K	1900 (1767-2080)	1200	1750	3110	500	3200	70000	2050
MDE-53D222K	2200 (2025-2409)	1400	1750	3520	500	5000	70000	1800

