

MDE Semiconductor, Inc. Circuit Protection Products

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Metal Oxide Varistors

High Energy Series 40mm 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)	I _p (A)	10/1000 μ S	1 time (A)	1kHz (pF)
MDE-40D201K	200 (185-225)	130	170	340	300	310	40000	10000
MDE-40D221K	220 (198-242)	140	180	360	300	330	40000	9000
MDE-40D241K	240 (216-264)	150	200	395	300	360	40000	8000
MDE-40D271K	270 (243-297)	175	225	455	300	390	40000	7100
MDE-40D301K	300 (270-330)	195	250	500	300	410	40000	6600
MDE-40D331K	330 (297-363)	210	285	545	300	430	40000	6000
MDE-40D361K	360 (324-396)	230	300	595	300	460	40000	5600
MDE-40D391K	390 (351-429)	250	320	650	300	490	40000	5000
MDE-40D431K	430 (387-473)	275	350	710	300	550	40000	4500
MDE-40D471K	470 (423-517)	300	385	775	300	600	40000	4000
MDE-40D511K	510 (459-561)	320	415	845	300	640	40000	3800
MDE-40D561K	560 (504-616)	350	460	925	300	720	40000	3500
MDE-40D621K	620 (558-682)	385	505	1025	300	800	40000	3300
MDE-40D681K	680 (612-748)	420	560	1120	300	910	40000	3000
MDE-40D751K	750 (675-825)	460	615	1240	300	920	40000	2600
MDE-40D781K	780 (702-858)	485	640	1290	300	920	40000	2500
MDE-40D821K	820 (738-902)	510	670	1355	300	940	40000	2300
MDE-40D911K	910 (819-1001)	550	745	1500	300	960	40000	2200
MDE-40D951K	950 (855-1045)	575	765	1570	300	1000	40000	2000
MDE-40D102K	1000 (900-1100)	625	825	1650	300	1040	40000	1900
MDE-40D112K	1100 (990-1210)	680	895	1815	300	1150	40000	1550
MDE-40D122K	1200 (1080-1320)	750	980	1980	300	1200	40000	1500
MDE-40D182K	1800 (1620-1980)	1000	1465	2970	300	1800	40000	1300

* 50KA Version Available

