

# **MDE Semiconductor, Inc.**

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## Metal Oxide Varistors

### 60 Series High Energy Block Varistor

PART NUMBER	Varistor Voltage	Maximum Allowable Voltage		Max Clamping Voltage (8/20 $\mu$ S)		Max. Energy (J)	Max. Peak Current (8/20 $\mu$ S)		Typical Capacitance (Reference)
	V@1mA (v)	ACrms (v)	DC (v)	Vc (v)	I <sub>p</sub> (A)	10/1000 $\mu$ S	1 time (A)	2Times (A)	1kHz (pF)
B60K130	200 (185-225)	130	170	340	500	490	70000	50000	15000
B60K150	240 (216-264)	150	200	395	500	570	70000	50000	12500
B60K175	270 (243-297)	175	225	455	500	630	70000	50000	1100
B60K210	330 (297-363)	210	275	550	500	680	70000	50000	9000
B60K230	360 (324-396)	230	300	595	500	730	70000	50000	8500
B60K250	390 (351-429)	250	320	650	500	880	70000	50000	7500
B60K275	430 (387-473)	275	350	710	500	950	70000	50000	7000
B60K300	470 (423-517)	300	385	775	500	1000	70000	50000	6500
B60K320	510 (459-561)	320	415	845	500	1100	70000	50000	6000
B60K385	620 (558-682)	385	505	1025	500	1300	70000	50000	5000
B60K420	680 (612-748)	420	560	1120	500	1500	70000	50000	4500
B60K460	750 (675-825)	460	615	1240	500	1600	70000	50000	4000
B60K485	780 (702-858)	485	640	1290	500	1650	70000	50000	3900
B60K510	820 (738-902)	510	670	1355	500	1800	70000	50000	3700
B60K550	910 (819-1001)	550	745	1500	500	2000	70000	50000	3300
B60K575	950 (855-1045)	575	765	1570	500	2100	70000	50000	3200
B60K625	1000 (900-1100)	625	825	1650	500	2200	70000	50000	3000
B60K680	1100 (990-1210)	680	895	1815	500	2500	70000	50000	2700
B60K750	1200 (1062-1300)	750	970	2100	500	2600	70000	50000	2500
B60K880	1400 (1245-1520)	880	1150	2290	500	3200	70000	50000	2400
B60K1000	1600 (1414-1728)	1000	1200	2700	500	3200	70000	50000	2100

