

# **MDE Semiconductor, Inc.**

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## Metal Oxide Varistors

### High Energy Series 34mm Single Square

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)	Ip (A)	(J)	1 time (A)	2 time (A)	1kHz (pF)
LS40K130QP	200 (185-225)	130	170	340	300	310	40000	30000	5600
LS40K140QP	220 (198-242)	140	180	365	300	340	40000	30000	5200
LS40K150QP	240 (216-264)	150	200	395	300	360	40000	30000	4800
LS40K230QP	360 (324-396)	230	300	595	300	460	40000	30000	3200
LS40K250QP	390 (351-429)	250	320	650	300	490	40000	30000	2900
LS40K275QP	430 (387-473)	275	350	710	300	550	40000	30000	2700
LS40K320QP	510 (459-561)	320	420	840	300	640	40000	30000	2300
LS40K385QP	620 (558-682)	385	505	1025	300	800	40000	30000	1900
LS40K420QP	680 (612-748)	420	560	1120	300	910	40000	30000	1800
LS40K460QP	750 (675-825)	460	615	1240	300	960	40000	30000	1600
LS40K550QP	910 (819-1001)	550	745	1500	300	960	40000	30000	1400
LS40K680QP	1100 (990-1210)	680	895	1815	300	1100	40000	30000	1100
LS40K750QP	1200 (1080-1320)	750	970	2000	300	1200	40000	30000	1000

