

MDE Semiconductor, Inc. Circuit Protection Products

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Metal Oxide Varistors

High Energy S Series 25mm Single Square

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 (A)	1kHz (pF)
MDE-25S201K	200 (185-225)	130	170	340	100	180	20000	4500
MDE-25S221K	220 (198-242)	140	180	360	100	190	20000	4000
MDE-25S241K	240 (216-264)	150	200	395	100	200	20000	3700
MDE-25S271K	270 (243-297)	175	225	455	100	230	20000	3200
MDE-25S301K	300 (270-330)	195	250	500	100	250	20000	2900
MDE-25S331K	330 (297-363)	210	285	545	100	270	20000	2700
MDE-25S361K	360 (324-396)	230	300	595	100	300	20000	2500
MDE-25S391K	390 (351-429)	250	320	650	100	330	20000	2300
MDE-25S431K	430 (387-473)	275	350	710	100	350	20000	2100
MDE-25S471K	470 (423-517)	300	385	775	100	370	20000	1900
MDE-25S511K	510 (459-561)	320	415	845	100	450	20000	1800
MDE-25S561K	560 (504-616)	350	460	925	100	460	20000	1500
MDE-25S621K	620 (558-682)	385	505	1025	100	480	20000	1500
MDE-25S681K	680 (612-748)	420	560	1120	100	500	20000	1400
MDE-25S751K	750 (675-825)	460	615	1240	100	510	20000	1200
MDE-25S781K	780 (702-858)	485	640	1290	100	520	20000	1200
MDE-25S821K	820 (738-902)	510	670	1355	100	540	20000	990
MDE-25S911K	910 (819-1001)	550	745	1500	100	560	20000	840
MDE-25S951K	950 (855-1045)	575	765	1570	100	600	20000	750
MDE-25S102K	1000 (900-1100)	625	825	1650	100	630	20000	560
MDE-25D112K	1100 (990-1210)	680	895	1815	100	660	20000	650
MDE-25D122K	1200 (1080-1320)	750	980	1980	100	700	20000	550
MDE-25D182K	1800 (1620-1980)	1000	1465	2970	100	940	20000	450

