

MOV
Metal Oxide Varistor



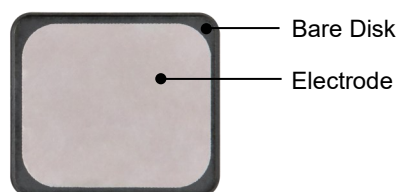
Description

SETsafe | SETfuse has manufactured Metal Oxide Varistor(MOV) for years and has accumulated rich production experience. Each varistor has undergone a series of physical and electrical tests. To ensure its reliability and protection capabilities. Varistors with high overvoltage protection are widely used in various lightning arresters.

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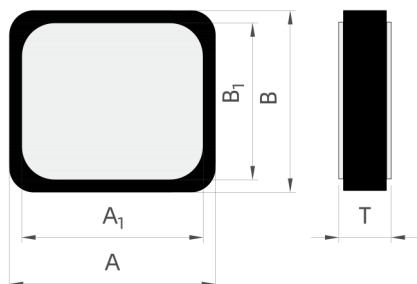
Product Structure



Agency Approvals

Agency	Standards	No.
	UL 1449 4 th Edition	E322662
	CSA C22.2 NO.269.5-17	E322662

Dimensions



Series	Symbol	Dimensions (mm)
YMJ25S	A	24.2 - 25.1
	B	21.2 - 22.2
	A ₁	22.0 ± 0.6
	B ₁	19.0 ± 0.6
	T	See Sepecification

Specification

Model	Max. Continuous Operating Voltage		Varistor Voltage @1 mA DC		Clamping Voltage (Max.)		Max. Discharge Current (8/20 μs)		Max. Energy (10/1000 μs)	Typical Capacitance (For reference only) @1 kHz	T	Agency Approvals	
	Vac	Vdc	Min.	Max.	V _C	I _p	I _n	I _{max}	(J)	(pF)	(mm)	UL	cUL
	(V)	(V)	(V)	(V)	(V)	(A)	(kA)	(kA)				●	●
YMJ25S820K	50	65	74	90	135	175	10	25	98	8800	0.7 - 1.0	●	●
YMJ25S101K	60	85	90	110	165	175	10	25	122	7200	0.8 - 1.2	●	●
YMJ25S121K	75	100	108	132	200	175	10	25	146	6000	1.0 - 1.5	●	●
YMJ25S151K	95	125	135	165	250	175	10	25	185	4400	1.2 - 1.9	●	●
YMJ25S181K	115	150	162	198	300	175	10	25	218	3650	0.9 - 1.2	●	●
YMJ25S201K	130	170	180	220	340	175	10	25	252	3300	1.0 - 1.3	●	●
YMJ25S221K	140	180	198	242	360	175	10	25	280	3000	1.1 - 1.4	●	●
YMJ25S241K	150	200	216	264	395	175	10	25	302	2800	1.2 - 1.6	●	●
YMJ25S271K	175	225	243	297	455	175	10	25	340	2450	1.4 - 1.7	●	●
YMJ25S301K	190	250	270	330	500	175	10	25	375	2200	1.5 - 1.9	●	●
YMJ25S331K	210	275	297	363	550	175	10	25	410	2050	1.7 - 2.1	●	●
YMJ25S361K	230	300	324	396	595	175	10	25	465	1850	1.8 - 2.3	●	●
YMJ25S391K	250	320	351	429	650	175	10	25	520	1700	2.0 - 2.5	●	●
YMJ25S431K	275	350	387	473	710	175	10	25	575	1600	2.2 - 2.7	●	●
YMJ25S471K	300	385	423	517	775	175	10	25	630	1450	2.4 - 3.0	●	●
YMJ25S511K	320	415	459	561	845	175	10	25	665	1300	2.6 - 3.2	●	●
YMJ25S561K	350	460	504	616	925	175	10	25	720	1200	2.9 - 3.5	●	●
YMJ25S621K	385	505	558	682	1025	175	10	25	790	1100	3.2 - 3.9	●	●
YMJ25S681K	420	560	612	748	1120	175	10	25	790	1000	3.5 - 4.3	●	●
YMJ25S751K	460	615	675	825	1240	175	10	25	825	900	3.9 - 4.7	●	●
YMJ25S821K	510	670	738	902	1355	175	10	25	840	800	4.3 - 5.2	●	●
YMJ25S911K	550	745	819	1001	1500	175	10	25	900	700	4.7 - 5.7	●	●
YMJ25S102K	625	825	900	1100	1650	175	10	25	950	660	5.2 - 6.3	●	●
YMJ25S112K	680	895	990	1210	1815	175	10	25	1040	615	5.7 - 6.9	●	●
YMJ25S122K	750	1000	1080	1320	1980	175	10	25	1170	555	6.3 - 7.5	●	●

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