

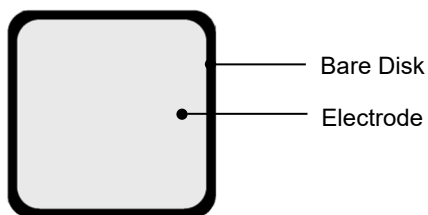
**MOV**  
Metal Oxide Varistor

**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.



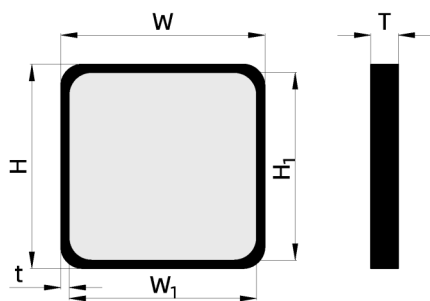
**Product Structure**



**Agency Approvals**

Agency	Standards	No.
	UL 1449 4 <sup>th</sup> Edition	On-going
	CSA C22.2 NO.269.5-17	On-going

**Dimensions (mm)**



W	W <sub>1</sub>	H	H <sub>1</sub>	t (min.)
36.5±0.8	34.0±0.5	36.5±0.8	34.0±0.5	0.8

\* Various electrode shapes of uncoated MOV or coated MOV can be customized

**Specification**

Model	Surge Level	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 (Reference) @1 kHz
		Vac	Vdc	Min.	Max.	V <sub>C</sub>	I <sub>p</sub>	I <sub>n</sub>	I <sub>max</sub>	(J)	(pF)
		(V)	(V)	(V)	(V)	(V)	(A)	(kA)	(kA)		
YMJ37S241K	K	150	200	216	264	395	400	30	60	720	6215
YMJ37S271K	K	175	225	243	297	455	400	30	60	810	5610
YMJ37S301K	K	190	250	270	330	500	400	30	60	900	4960
YMJ37S331K	K	210	275	297	363	550	400	30	60	980	4565
YMJ37S361K	K	230	300	324	396	595	400	30	60	1125	4125
YMJ37S391K	K	250	320	351	429	650	400	30	60	1250	3850
YMJ37S431K	K	275	350	387	473	710	400	30	60	1380	3245
YMJ37S471K	K	300	385	423	517	775	400	30	60	1500	3120
YMJ37S511K	K	320	415	459	561	845	400	30	60	1590	2915
YMJ37S561K	K	350	460	504	616	925	400	30	60	1725	2695
YMJ37S621K	K	385	505	558	682	1025	400	30	60	1875	2420
YMJ37S681K	K	420	560	612	748	1120	400	30	60	1875	2200
YMJ37S711K	K	440	585	639	781	1170	400	30	60	1875	2100
YMJ37S751K	K	460	615	675	825	1240	400	30	60	1920	2000
YMJ37S821K	K	510	670	738	902	1355	400	30	60	1950	1980
YMJ37S911K	K	550	745	819	1001	1500	400	30	60	2200	1650
YMJ37S951K	K	575	760	855	1045	1565	400	30	60	2250	1550
YMJ37S102K	K	625	825	900	1100	1650	400	30	60	2325	1485
YMJ37S112K	K	680	895	990	1210	1815	400	30	60	2625	1355
YMJ37S122K	K	750	990	1080	1320	1980	400	30	60	2750	1250

★ We have specified product for DC application, please make a note when purchasing.