

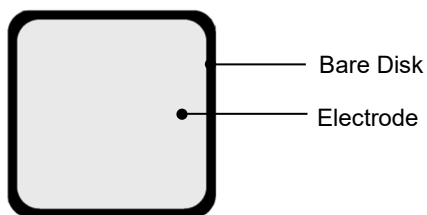
**MOV**  
Metal Oxide Varistor

**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.



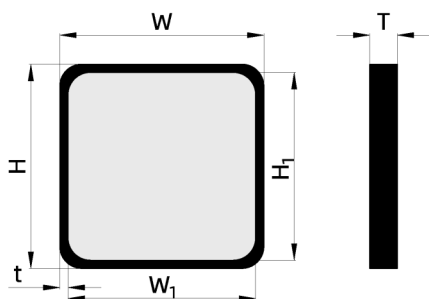
**Product Structure**



**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.)
40.5±0.8	37.5±0.5	40.5±0.8	37.5±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)		
YMJ40S241K	K	150	200	216	264	395	500	40	80	1200	13350
YMJ40S271K	K	175	225	243	297	455	500	40	80	1350	11500
YMJ40S301K	K	190	250	270	330	500	500	40	80	1500	10500
YMJ40S331K	K	210	275	297	363	550	500	40	80	1650	9000
YMJ40S361K	K	230	300	324	396	595	500	40	80	1800	9000
YMJ40S391K	K	250	320	351	429	650	500	40	80	1950	8000
YMJ40S431K	K	275	350	387	473	710	500	40	80	2150	7500
YMJ40S471K	K	300	385	423	517	775	500	40	80	2350	6700
YMJ40S511K	K	320	415	459	561	845	500	40	80	2550	6200
YMJ40S561K	K	350	460	504	616	925	500	40	80	2800	5700
YMJ40S621K	K	385	505	558	682	1025	500	40	80	3100	5200
YMJ40S681K	K	420	560	612	748	1120	500	40	80	3400	4700
YMJ40S711K	K	440	585	639	781	1170	500	40	80	3500	4500
YMJ40S751K	K	460	615	675	825	1240	500	40	80	3600	4200
YMJ40S821K	K	510	670	738	902	1355	500	40	80	3900	3900
YMJ40S911K	K	550	745	819	1001	1500	500	40	80	4100	3500
YMJ40S951K	K	575	760	855	1045	1565	500	40	80	4300	3350
YMJ40S102K	K	625	825	900	1100	1650	500	40	80	4500	3200
YMJ40S112K	K	680	895	990	1210	1815	500	40	80	5000	2900
YMJ40S122K	K	750	990	1080	1320	1980	500	40	80	5500	2700

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