

**MOV**  
Metal Oxide Varistor



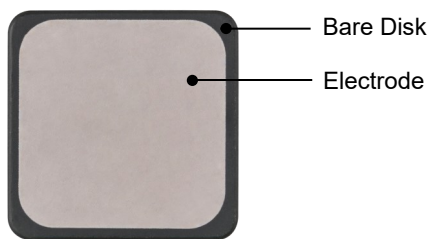
**Description**

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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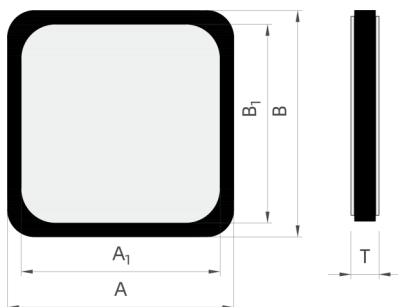
**Product Structure**



**Agency Approvals**

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

**Dimensions**



Series	Symbol	Dimensions (mm)
YMJ34S	A	32.4 - 33.7
	B	
	A <sub>1</sub>	29.0 ± 0.6
	B <sub>1</sub>	
	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 <sub>C</sub>	I <sub>P</sub>	I <sub>n</sub>	I <sub>max</sub>	(J)	(pF)	(mm)	UL	cUL
	(V)	(V)	(V)	(V)	(V)	(A)	(kA)	(kA)				UL	cUL
YMJ34S820K	50	65	74	90	135	300	20	40	156	17950	0.7 - 1.1	●	●
YMJ34S101K	60	85	90	110	165	300	20	40	195	15000	0.8 - 1.2	●	●
YMJ34S121K	75	100	108	132	200	300	20	40	235	12200	1.0 - 1.5	●	●
YMJ34S151K	95	125	135	165	250	300	20	40	296	10000	1.2 - 1.9	●	●
YMJ34S181K	115	150	162	198	300	300	20	40	350	8250	0.9 - 1.2	●	●
YMJ34S201K	130	170	180	220	340	300	20	40	400	6750	1.0 - 1.3	●	●
YMJ34S221K	140	180	198	242	360	300	20	40	450	6400	1.1 - 1.5	●	●
YMJ34S241K	150	200	216	264	395	300	20	40	480	5650	1.2 - 1.6	●	●
YMJ34S271K	175	225	243	297	455	300	20	40	540	5100	1.4 - 1.8	●	●
YMJ34S301K	190	250	270	330	500	300	20	40	600	4510	1.5 - 2.0	●	●
YMJ34S331K	210	275	297	363	550	300	20	40	656	4150	1.7 - 2.2	●	●
YMJ34S361K	230	300	324	396	595	300	20	40	745	3750	1.9 - 2.4	●	●
YMJ34S391K	250	320	351	429	650	300	20	40	830	3500	2.1 - 2.6	●	●
YMJ34S431K	275	350	387	473	710	300	20	40	920	2950	2.2 - 2.8	●	●
YMJ34S471K	300	385	423	517	775	300	20	40	1000	2880	2.4 - 3.1	●	●
YMJ34S511K	320	415	459	561	845	300	20	40	1060	2650	2.6 - 3.3	●	●
YMJ34S561K	350	460	504	616	925	300	20	40	1150	2450	2.9 - 3.7	●	●
YMJ34S621K	385	505	558	682	1025	300	20	40	1250	2200	3.2 - 4.0	●	●
YMJ34S681K	420	560	612	748	1120	300	20	40	1250	2000	3.5 - 4.4	●	●
YMJ34S751K	460	615	675	825	1240	300	20	40	1280	1820	3.9 - 4.9	●	●
YMJ34S821K	510	670	738	902	1355	300	20	40	1300	1800	4.3 - 5.3	●	●
YMJ34S911K	550	745	819	1001	1500	300	20	40	1475	1500	4.8 - 5.9	●	●
YMJ34S102K	625	825	900	1100	1650	300	20	40	1550	1350	5.2 - 6.5	●	●
YMJ34S112K	680	895	990	1210	1815	300	20	40	1750	1230	5.8 - 7.1	●	●
YMJ34S122K	750	1000	1080	1320	1980	300	20	40	2000	1135	6.3 - 7.8	●	●

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