

MOV
Metal Oxide Varistor

Description

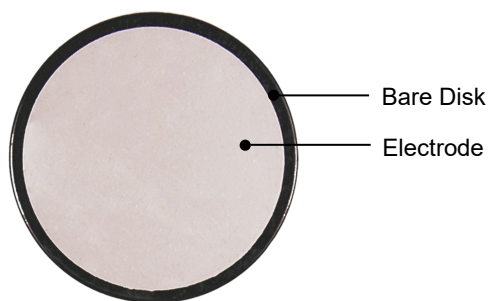
SETsafe | SETfuse has manufactured Metal Oxide Varistor(MOV) for years and has accumulated rich production experience. Each varistor has undergone a series of physical and electrical tests. To ensure its reliability and protection capabilities. Varistors with high overvoltage protection are widely used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





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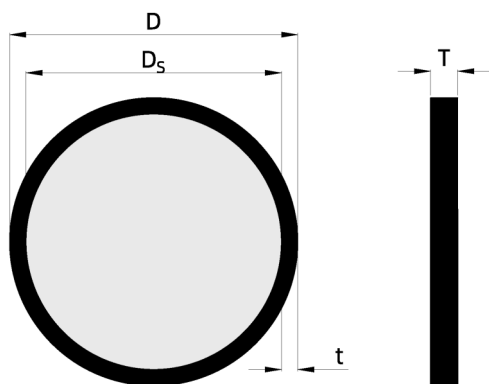
Product Structure



Agency Approvals

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



Dimensions (mm)



D	D _s	t (min.)
52.0±0.8	47.0±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	Agency Approvals	
		Vac	Vdc	Min.	Max.	V _C	I _P	I _n	I _{max}	(J)	(pF)		
		(V)	(V)	(V)	(V)	(V)	(A)	(kA)	(kA)			UL	cUL
YMJ53D241K	K	150	200	216	264	395	500	35	70	650	12500	●	●
YMJ53D271K	K	175	225	243	297	455	500	35	70	700	11000	●	●
YMJ53D301K	K	190	250	270	330	500	500	35	70	765	10000	●	●
YMJ53D331K	K	210	275	297	363	550	500	35	70	825	9000	●	●
YMJ53D361K	K	230	300	324	396	595	500	35	70	850	8500	●	●
YMJ53D391K	K	250	320	351	429	650	500	35	70	885	7500	●	●
YMJ53D431K	K	275	350	387	473	710	500	35	70	990	7000	●	●
YMJ53D471K	K	300	385	423	517	775	500	35	70	1080	6500	●	●
YMJ53D511K	K	320	415	459	561	845	500	35	70	1150	6000	●	●
YMJ53D561K	K	350	460	504	616	925	500	35	70	1200	5500	●	●
YMJ53D621K	K	385	505	558	682	1025	500	35	70	1300	5000	●	●
YMJ53D681K	K	420	560	612	748	1120	500	35	70	1350	4500	●	●
YMJ53D711K	K	440	585	639	781	1170	500	35	70	1350	4500	●	●
YMJ53D751K	K	460	615	675	825	1240	500	35	70	1400	4000	●	●
YMJ53D821K	K	510	670	738	902	1355	500	35	70	1600	3700	●	●
YMJ53D911K	K	550	745	819	1001	1500	500	35	70	1700	3300	●	●
YMJ53D951K	K	575	760	855	1045	1565	500	35	70	1800	3200	●	●
YMJ53D102K	K	625	825	900	1100	1650	500	35	70	1890	3000	●	●
YMJ53D112K	K	680	895	990	1210	1815	500	35	70	2050	2700	●	●
YMJ53D122K	K	750	990	1080	1320	1980	500	35	70	2160	2500	●	●

Note: ● Approved ○ Unauthorized

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