

Description

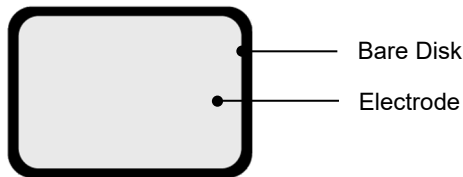
The T1 surge protection type varistor selfdeveloped by Xiamen SET Electronics Co., Ltd. has high surge current capacity, especially outstanding 10/350μs impulse capacity, and good AC & DC characteristics. It suits all the surge protection scenarios of buildings, photovoltaic and wind power applications.



MOV

MOV

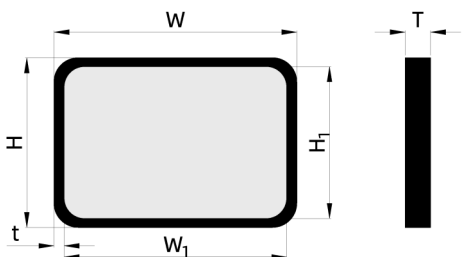
Product Structure



Agency Approvals

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

Dimensions (mm)



W	W ₁	H	H ₁	t (min.)
53.0±0.8	49.0±0.5	33.5±0.8	30.0±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)		Impulse Discharge Current (10/350 μs)	Max. Energy (10/1000 μs)	Typical Capacitance (Reference) @1 kHz
		Vac	Vdc	Min.	Max.	V _C	I _P	I _n	I _{max}	I _{imp}	(J)	(pF)
		(V)	(V)	(V)	(V)	(V)	(A)	(kA)	(kA)	(kA)		
YMJ40R241K	T	150	200	216	264	395	400	30	60	12.5	860	11000
YMJ40R271K	T	175	225	243	297	455	400	30	60	12.5	975	10000
YMJ40R301K	T	190	250	270	330	500	400	30	60	12.5	1080	8800
YMJ40R331K	T	210	275	297	363	550	400	30	60	12.5	1170	8100
YMJ40R361K	T	230	300	324	396	595	400	30	60	12.5	1350	7400
YMJ40R391K	T	250	320	351	429	650	400	30	60	12.5	1500	6900
YMJ40R431K	T	275	350	387	473	710	400	30	60	12.5	1650	5800
YMJ40R471K	T	300	385	423	517	775	400	30	60	12.5	1800	5650
YMJ40R511K	T	320	415	459	561	845	400	30	60	12.5	1875	5200
YMJ40R561K	T	350	460	504	616	925	400	30	60	12.5	2025	4800
YMJ40R621K	T	385	505	558	682	1025	400	30	60	12.5	2250	4300
YMJ40R681K	T	420	560	612	748	1120	400	30	60	12.5	2250	3900
YMJ40R711K	T	440	585	639	781	1170	400	30	60	12.5	2325	3700
YMJ40R751K	T	460	615	675	825	1240	400	30	60	12.5	2325	3550
YMJ40R821K	T	510	670	738	902	1355	400	30	60	10.0	2325	3510
YMJ40R911K	T	550	745	819	1001	1500	400	30	60	10.0	2625	2950
YMJ40R951K	T	575	760	855	1045	1565	400	25	60	6.5	2700	2730
YMJ40R102K	T	625	825	900	1100	1650	400	25	60	6.5	2775	2650
YMJ40R112K	T	680	895	990	1210	1815	400	25	60	6.5	3150	2400

★ The I_n/I_{max}/I_{imp} could be applied to the same varistor.

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