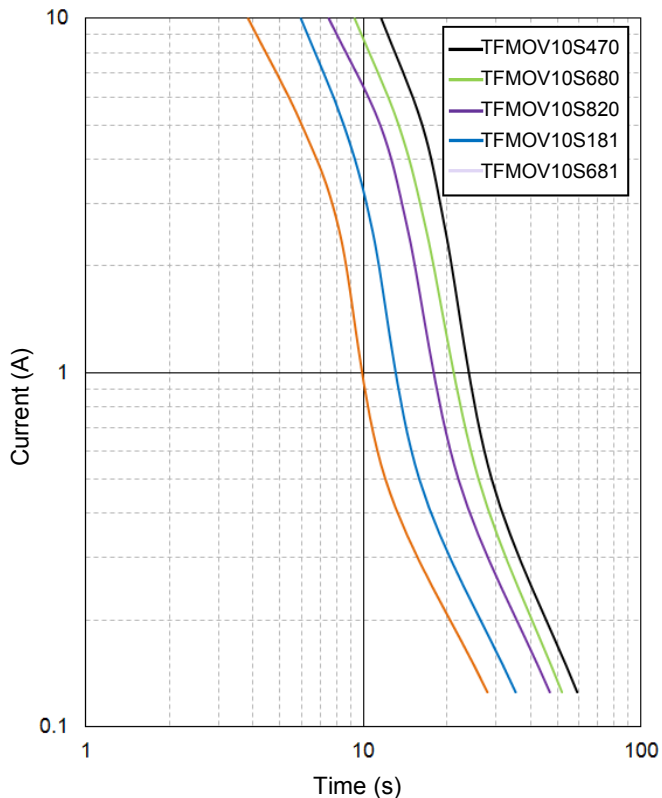


Dimensions (mm)

Model			尺寸 Dimensions (mm)				
Type	TFMOV10SXXX	TFMOV10SXXXB	T	H	D	L	d(Φ)
Varistor voltage	270~560	270~560	7.6±0.5	15±0.5	14±0.5	7±0.5	0.8±0.05
	680~151	680~151	8.6±0.5				
	201~271	201~271	9.6±0.5				
	301~471	301~471	10.6±0.5				
	511~621	511~621	11.6±0.5				
	681~821	681~821	12.6±0.5				

Note: Please contact us for detailed dimensions.

## Limited Current Test Curve (UL 1449 3rd clause 39.4)

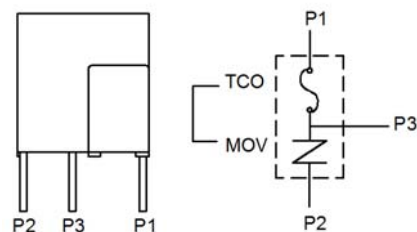


● The above curve is for reference only.

## Applications

- Power supplies
- Telecom power supplies
- Home electrical appliances

## Schematics



## Packaging Information

- Each Package: 80pcs
- Each Carton: 800pcs



Specifications

Model	Maximum Allowable Voltage		Varistor Voltage		Clamping Voltage (Max)		Maximum Peak Current (8/20µs)		Clamping Voltage Ratio		Maximum Energy (Joule)	Typical Capacitance (Reference)	Thermal Fuse	Level Of Limited Current Test		
	AC Rms	DC	V1.0mA (V)		VC	IP	In	I <sub>max</sub>	R <sub>cl</sub>	In	10/1000 µs	@1KHz		B		
	(V)	(V)	Min	Max	(V)	(A)	(KA)			(KA)	(J)	(pF)		20A		
TFMOV10S270x	17	22	24	31	53	10	1	2	4.6	1	10	7400	UL60691 E214712	●		
TFMOV10S330x	20	26	30	36	65	10	1	2	4.6	1	12	6100		●		
TFMOV10S390x	25	31	35	43	77	10	1	2	4.6	1	13	5100		●		
TFMOV10S470x	30	38	42	52	93	10	1	2	4.3	1	17	4300		●		
TFMOV10S560x	35	45	50	62	110	10	1	2	3.8	1	20	3600		●		
TFMOV10S680x	40	56	61	75	135	10	1	2	3.8	1	24	2900		●		
TFMOV10S820x	50	65	74	90	135	50	3	6	3.2	3	27	2400		●		
TFMOV10S101x	60	85	90	110	165	50	3	6	3.2	3	33	2000		●		
TFMOV10S121x	75	100	108	132	200	50	3	6	3.2	3	40	1700		●		
TFMOV10S151x	95	125	139	162	250	50	3	6	3.2	3	53	1300		●		
TFMOV10S181x	115	150	167	195	300	50	3	6	2.3	3	60	1100		●		
TFMOV10S201x	130	170	186	216	340	50	3	6	2.3	3	70	1000		●		
TFMOV10S221x	140	180	204	238	360	50	3	6	2.3	3	78	900		●		
TFMOV10S241x	150	200	223	260	395	50	3	6	2.3	3	84	830		●		
TFMOV10S271x	175	225	251	292	455	50	3	6	2.3	3	99	740		●		
TFMOV10S301x	190	250	279	324	500	50	3	6	2.3	3	108	670		●		
TFMOV10S331x	210	275	306	357	550	50	3	6	2.3	3	115	610		●		
TFMOV10S361x	230	300	334	389	595	50	3	6	2.3	3	130	560		●		
TFMOV10S391x	250	320	362	422	650	50	3	6	2.3	3	140	510		●		
TFMOV10S431x	275	350	399	465	710	50	3	6	2.3	3	155	460		●		
TFMOV10S471x	300	385	437	508	775	50	3	6	2.3	3	175	430	●			
TFMOV10S511x	320	415	474	551	845	50	3	6	2.3	3	180	390	●			
TFMOV10S561x	350	460	520	605	925	50	3	6	2.3	3	185	360	●			
TFMOV10S621x	385	505	576	670	1025	50	3	6	2.3	3	190	320	●			
TFMOV10S681x	420	560	632	735	1120	50	3	6	2.3	3	200	290	●			
TFMOV10S751x	460	615	697	810	1240	50	3	6	2.3	3	210	270	●			
TFMOV10S821x	510	670	762	886	1355	50	3	6	2.3	3	220	260	●			

VY-2 Series  
Ur:690Vac;  
Ir:5A

a: Clamping voltage= (Clamping voltage ratio) × (Varistor voltage); The voltage protection level (Up) is selected according to IEC61643-11:2011 clause 6.4, which should be the higher than the minimum measured limiting voltage.

The preferred value of voltage protection level: 0.08KV; 0.09KV; 0.10KV; 0.12KV; 0.15KV; 0.22KV; 0.33KV; 0.4KV; 0.5KV; 0.6KV; 0.7KV; 0.8KV; 0.9KV; 1.0KV; 1.2KV; 1.5KV; 1.8KV; 2.0KV; 2.5KV; 3.0KV; 4.0KV; 5.0KV; 6.0KV; 8.0KV和10KV

x: may be followed by "B"