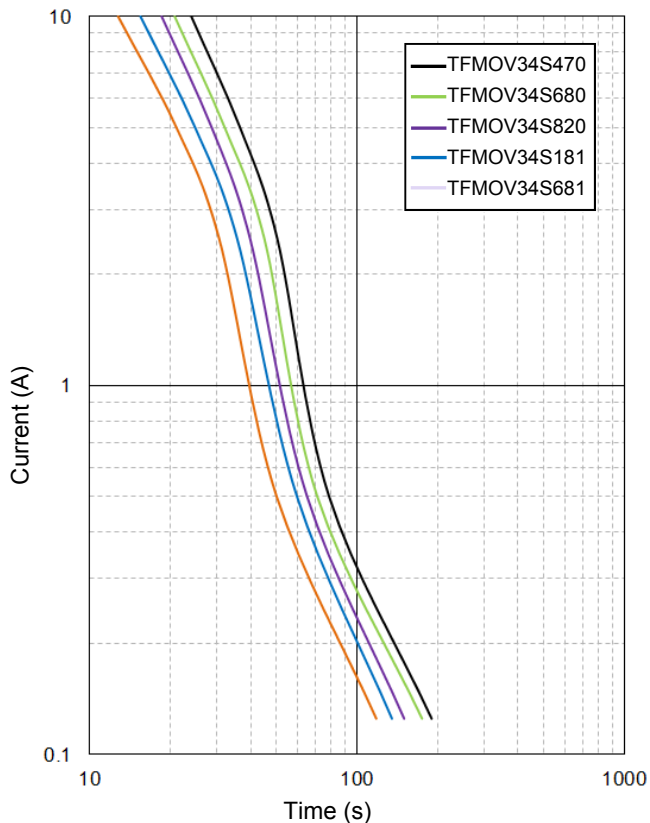


Dimensions (mm)

Model					Dimensions (mm)						
Type	TFMOV34S XXX	TFMOV34S XXXB	TFMOV34S XXXG	TFMOV34S XXXM	T	H	D	L	d1(Φ)	d2(Φ)	d3(Φ)
Varistor voltage	470~121	—	—	—	10.0±0.5	37.6±0.5	37.0±0.5	10.0±0.5	0.5±0.05	1.05±0.05	1.7±0.05
	151~271	—	—	—	10.5±0.5						
	—	470~271	470~271	—	11.0±0.5						
	301~471	301~431	301~431	470~271	12.0±0.5						
	511~681	471~561	471~561	301~431	13.0±0.5						
	751~821	621~751	621~751	471~561	14.0±0.5						
	911~122	821~122	821~122	621~122	16.5±0.5						

Note: Please contact us for detailed dimensions.

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

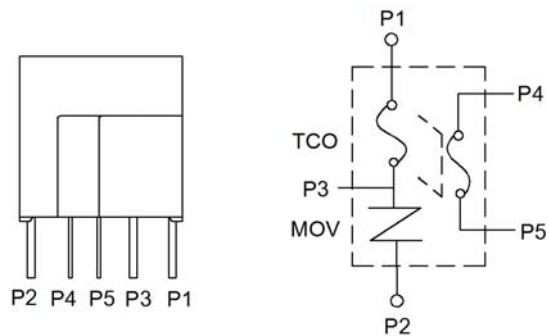


● The above curve is for reference only.

### Applications

- Power surge protectors
- Industrial power supplies
- Photovoltaic systems (PV)

### Schematics



### Packaging Information

- Each Blister plate: 20pcs
- Each Carton: 200pcs



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>	Rcl	In	10/1000 μs	@1KHz		UL60691 E214712	B	G	M
	(V)	(V)	Min	Max	(V)	(A)	(KA)			(KA)	(J)	(pF)			20A	40A	80A
TFMOV34S470x	30	38	42	52	93	60	10	20	4.3	10	96	35000	UL60691 E214712	●	●	●	
TFMOV34S560x	35	45	50	62	110	60	10	20	3.8	10	115	29500		●	●	●	
TFMOV34S680x	40	56	61	75	135	60	10	20	3.8	10	136	24200		●	●	●	
TFMOV34S820x	50	65	74	90	135	300	15	30	3.2	15	156	17950		●	●	●	
TFMOV34S101x	60	85	90	110	165	300	15	30	3.2	15	195	15000		●	●	●	
TFMOV34S121x	75	100	108	132	200	300	15	30	3.2	15	235	12200		●	●	●	
TFMOV34S151x	95	125	139	162	250	300	20	40	3.2	20	296	10000		●	●	●	
TFMOV34S181x	115	150	167	195	300	300	20	40	2.3	20	350	8250		●	●	●	
TFMOV34S201x	130	170	186	216	340	300	20	40	2.3	20	400	6750		●	●	●	
TFMOV34S221x	140	180	204	238	360	300	20	40	2.3	20	450	6400		●	●	●	
TFMOV34S241x	150	200	223	260	395	300	20	40	2.3	20	480	5650		●	●	●	
TFMOV34S271x	175	225	251	292	455	300	20	40	2.3	20	540	5100		●	●	●	
TFMOV34S301x	190	250	279	324	500	300	20	40	2.3	20	600	4510		●	●	●	
TFMOV34S331x	210	275	306	357	550	300	20	40	2.3	20	656	4150		VQ Series Ur:690Vac; Ir:25A	●	●	●
TFMOV34S361x	230	300	334	389	595	300	20	40	2.3	20	745	3750			●	●	●
TFMOV34S391x	250	320	362	422	650	300	20	40	2.3	20	830	3500			●	●	●
TFMOV34S431x	275	350	399	465	710	300	20	40	2.3	20	920	2950			●	●	●
TFMOV34S471x	300	385	437	508	775	300	20	40	2.3	20	1000	2880			●	●	●
TFMOV34S511x	320	415	474	551	845	300	20	40	2.3	20	1060	2650			●	●	●
TFMOV34S561x	350	460	520	605	925	300	20	40	2.3	20	1150	2450			●	●	●
TFMOV34S621x	385	505	576	670	1025	300	20	40	2.3	20	1250	2200	●		●	●	
TFMOV34S681x	420	560	632	735	1120	300	20	40	2.3	20	1250	2000	●		●	●	
TFMOV34S751x	460	615	697	810	1240	300	20	40	2.3	20	1280	1820	●		●	●	
TFMOV34S821x	510	670	762	886	1355	300	20	40	2.3	20	1300	1800	●	●	●		
TFMOV34S911x	550	745	846	983	1500	300	20	40	2.3	20	1475	1500	●	●	●		
TFMOV34S102x	625	825	930	1080	1650	300	20	40	2.3	20	1550	1350	●	●	●		
TFMOV34S112x	680	895	1023	1188	1815	300	20	40	2.3	20	1750	1230	●	●	●		
TFMOV34S122x	750	1000	1116	1296	1980	300	20	40	2.3	20	2000	1135	●	●	●		

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” or “G” or “M”