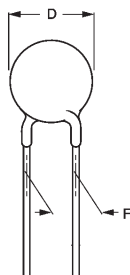


## Varistors



Varistor is a voltage dependent resistor with symmetrical voltage-current characteristics that is designed to protect all kinds of electronic devices or elements from switching and induced lightning surges. Its non linear exponent characteristics with broad using range and mass production is gradually being used by various level of electric engineering.

**Features:**

- Fast response time.
- Low leakage current.
- Excellent voltage ratio.
- Wide voltage & energy ratio.
- Low standby power and no follow on current
- High performance in surge current handling capability.
- High performance in clamping voltage characteristics.



### JVR Series

Part No.	Ord.No.	Uvar[V]	Urms[Vac]	Umax[Vdc]	Pmax [mW]	I <sub>max</sub> [A]	D [mm]	F [mm]
S JVR05N180K	6200	18	11	14	10	100	5	5
S JVR07N220K	6202	22	14	18	20	250	7	5
S JVR05N390K	6204	39	25	31	10	100	5	5
S JVR07N390K	6205	39	25	31	20	250	7	5
S JVR05N101K	6198	100	60	85	100	400	5	5
S JVR07N101K	6199	100	60	85	250	1200	7	5
S JVR07N201K	6201	200	130	170	250	1200	7	5
S JVR05N391K	6206	390	250	320	100	400	5	5
S JVR07N391K	6207	390	250	320	250	1200	7	5
S JVR14N391K	55759	390	250	320	600	4500	14	7,5
S JVR07N431K	6209	430	275	350	250	1200	7	5
S JVR10N431K	6210	430	275	350	400	2500	10	5
S JVR07N471K	6211	470	300	385	250	1200	7	5
S JVR10N471K	6212	470	300	385	400	2500	10	7,5

### 59x Series

Part No.	Ord. No.	Uvar[V]	Urms[Vac]	Umax[Vdc]	Pmax[mW]	I <sub>max</sub> [A]	D [mm]	F [mm]
S 593-30	20469	47	30	38	250	250	9	5
S 593-60	20470	100	60	85	250	1200	9	5
S 593-250	20472	390	250	320	250	1200	9	5
S 592-275	20468	430	275	350	100	400	7	5
S 593-275	20473	430	275	350	250	1200	9	5
S 594-275	20481	430	275	350	400	2500	13,5	7,5
S 595-275	20485	430	275	350	600	4500	17	7,5
S 593-300	20474	470	300	385	250	1200	9	5
S 595-300	20486	470	300	385	600	4500	17	7,5
S 593-420	20492	680	420	560	250	1200	9	5



### SIOV Series

Part No.	Ord. No.	Uvar[V]	Urms[Vac]	Umax[Vdc]	Pmax[A]	I <sub>max</sub> [A]	D [mm]	F [mm]
O SIOV-S05K25	68677	39	25	31	0,01	100	7	5
O SIOV-S05K30	68678	47	30	38	0,01	100	7	5
O SIOV-S05K60	68679	100	60	85	0,1	400	7	5
O SIOV-S05K250	68681	390	250	320	0,1	400	7	5
O SIOV-S07K25	56585	39	25	31	0,02	250	9	5
O SIOV-S07K60	68680	100	60	85	0,25	1200	9	5
S SIOV-S07K130	11201	205	130	170	0,25	1200	9	5
O SIOV-S07K250	8403	390	250	320	0,25	1200	9	5
O SIOV-S07K275	50724	430	275	350	0,25	1200	9	5
O SIOV-S10K250	4042	390	250	320	0,4	2500	12	7,5
O SIOV-S10K275	4310	430	275	350	0,4	2500	12	7,5
O SIOV-S10K300	68682	470	300	385	0,4	2500	12	5,0
O SIOV-S14K250	6379	390	250	320	0,6	4500	20	7,5
O SIOV-S14K275	1531	430	275	350	0,8	4500	15,2	7,5
O SIOV-S14K300	68683	470	300	385	0,6	4500	15,5	7,5



### Cross-References

	JoyIn	Vishay	Epcos	LittleFuse	Panasonic	AVX
100mW	JVR05	592	SIOV S05K		ERZV05	VE07M
250mW	JVR07	593	SIOV S07K		ERZV07	VE09M
400mW	JVR10	594	SIOV S10K	VxxLA 10	ERZV10	VE13M
600mW		595	SIOV S14K	VxxLA 20	ERZV14	VE17M
1W			SIOV S20K	VxxLA 40	ERZV20	

