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## Radial Lead Varistor (MOV)

### Description

34S series transient surge suppressors are industrial high energy Metal-Oxide Varistors (MOVs). They are designed to provide secondary surge protection in the outdoor and service entrance environment (distribution panels) of buildings, and also in industrial applications for motor controls and power supplies used in the oil-drilling, mining, and transportation fields.

The maximum peak surge current rating can reach up to 40KA (8/20 $\mu$ s pulse) to protect against high peak surges, including indirect lightning strike interference, system switching transients and abnormal fast transients from the power source.

### Features

- ◆ Excellent non-linearity coefficient
- ◆ Great with standing surge current
- ◆ Fast response time



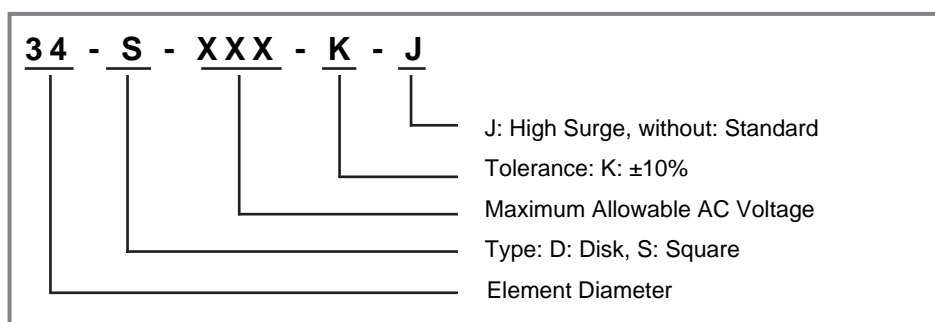
### Applicable

- ◆ Protection of semiconductor
- ◆ Protection of railway automatic signals
- ◆ Surge protection of communication 、 measuring or controller instrument
- ◆ Transient voltage surge suppressor units
- ◆ Surge protection of vacuum switches
- ◆ Approval Standard and File Number :  
UL/CUL: E489912

### General Characteristics

Material	No Radioactive Material
Operating Temperature	-40~85°C
Storage Temperature	-40~125°C

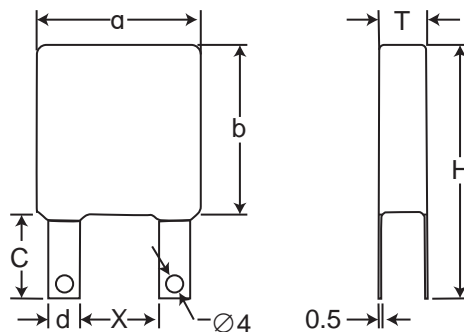
### Part Numbering



Specifications – General Characteristics (25±5°C)

Part Number		Maximum Allowable Voltage		Varistor Voltage	Withstanding Surge Current 8/20µS		Max Clamping Voltage		Maximum Energy (10/1000µs)		Rated Power
Standard	High Surge	V <sub>Ac</sub> (V)	V <sub>Dc</sub> (V)	V <sub>1mA</sub> (V)	I(A) Standard	I(A) High Surge	V <sub>C</sub> (V)	I <sub>P</sub> (A)	(J) Standard	(J) High Surge	(W)
					1 time	1 time					
34S130	34S130J	130	170	200(185-225)	40000	50000	340	300	330	363	2.1
34S140	34S140J	140	180	220(198-242)	40000	50000	360	300	360	396	2.1
34S150	34S150J	150	200	240(216-264)	40000	50000	395	300	390	429	2.1
34S175	34S175J	175	225	270(243-297)	40000	50000	455	300	420	462	2.1
34S190	34S190J	190	250	300(270-330)	40000	50000	505	300	460	506	2.1
34S210	34S210J	210	275	330(297-363)	40000	50000	550	300	500	550	2.1
34S230	34S230J	230	300	360(324-396)	40000	50000	595	300	510	561	2.1
34S250	34S250J	250	320	390(351-429)	40000	50000	650	300	530	583	2.1
34S275	34S275J	275	350	430(387-473)	40000	50000	710	300	600	660	2.1
34S300	34S300J	300	385	470(423-517)	40000	50000	775	300	650	715	2.1
34S320	34S320J	320	415	510(459-561)	40000	50000	845	300	700	770	2.1
34S350	34S350J	350	460	560(504-616)	40000	50000	920	300	730	803	2.1
34S385	34S385J	385	505	620(558-682)	40000	50000	1025	300	780	858	2.1
34S420	34S420J	420	560	680(612-748)	40000	50000	1120	300	810	891	2.1
34S460	34S460J	460	615	750(675-825)	40000	50000	1240	300	850	935	2.1
34S485	34S485J	485	640	780(702-858)	40000	50000	1290	300	930	1023	2.1
34S510	34S510J	510	670	820(738-902)	40000	50000	1355	300	970	1067	2.1
34S550	34S550J	550	745	910(819-1001)	40000	50000	1500	300	1050	1155	2.1
34S625	34S625J	625	825	1000(900-1100)	40000	50000	1650	300	1120	1232	2.1
34S680	34S680J	680	895	1100(990-1210)	40000	50000	1815	300	1250	1375	2.1
34S750	34S750J	750	990	1200(1080-1320)	40000	50000	1980	300	1340	1474	2.1
34S880	34S880J	880	1140	1400(1260-1540)	40000	50000	2310	300	1400	1540	2.1
34S1000	34S1000J	1000	1280	1600(1400-1760)	40000	50000	2475	300	1500	1650	2.1
34S1100	34S1100J	1100	1465	1800(1620-1980)	40000	50000	2970	300	1600	1760	2.1

Dimensions Unit: mm



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