

Electrical Characteristics

Part Number	<u>Maximum Ratings</u>				<u>Electrical Characteristics</u>					
	<u>Continuous Rated Voltage</u>		<u>Rated Single Pulse Transient</u>		<u>Varistor Voltage @1mA DC</u>			<u>Maximum Clamping Voltage @ Test Current</u>		<u>Typical Capacitance @ 1KHZ 25°C</u>
	AC RMS Volts	DC Volts	Energy 10/1000µs Joules	Peak 8/20µs Amps	Min Volts	V _{NOM} Volts	Max Volts	Volts	Amps	
8S17SM100-ZOV	10	14	0.80	250	14.4	18	21.6	42	5	2000
8S17SM140-ZOV	14	18*	10.0 [□]	250	18.7	22	26.0	47	5	1600
8S17SM170-ZOV	17	22	1.0	250	23.0	27	31.1	57	5	1300
8S17SM200-ZOV	20	26	1.2	250	29.5	33	36.5	68	5	1100
8S17SM250-ZOV	25	31	1.5	250	35.0	39	43.0	79	5	900
8S17SM300-ZOV	30	38	1.8	250	42.0	47	52	92	5	800
8S17SM350-ZOV	35	45	2.3	250	50.0	56	62	107	5	700
8S17SM400-ZOV	40	56	3.0	250	61.0	68	75	127	5	600
8S17SM500-ZOV	50	66	4.0	500	74.0	82	91	135	10	500
8S17SM600-ZOV	60	81	5.0	500	90.0	100	110	165	10	400
8S17SM750-ZOV	75	102	6.0	500	108	120	132	200	10	300
8S17SM950-ZOV	95	127	8.0	500	135	150	165	250	10	250
8S17SM121-ZOV	115	153	10.0	500	162	180	198	295	10	200
8S17SM131-ZOV	130	175	11.0	500	184	200	228	340	10	180
8S17SM141-ZOV	140	180	12.0	500	198	220	242	360	10	160
8S17SM151-ZOV	150	200	13.0	500	212	240	268	395	10	150
8S17SM231-ZOV	230	300	20.0	500	324	360	396	595	10	100
8S17SM251-ZOV	250	330	21.0	500	354	390	429	650	10	90
8S17SM271-ZOV	275	369	23.0	500	389	430	473	710	10	80

Tape and reel ordering instructions:

Insert "T6" following end of part number before suffix -ZOV.

For example: **8S17SM271T6-ZOV**

Tape and reel quantities of 2,500 pieces per reel.

The maximum power dissipation of transients is 0.25 watts.

□ Energy rating for impulse duration of 30 milliseconds minimum to one half of peak current value.

*Also rated to withstand 24 volts for five minutes.

■ 9914368 0000737 994 ■