

## ELECTRICAL CHARACTERISTICS

Part Number	Working Voltage (Vw)	Breakdown Voltage (Vb)	Clamping Voltage (Vc)	Peak Current (Ip)	Transient Energy (Et)	Typical Capacitance (C)	
	Volt	Volt	Volt	Amp	Joule	pF	
	<50 $\mu$ A	1mA(DC)	2.5A,8/20 $\mu$ s	8/20 $\mu$ s	10/1000 $\mu$ s	1KHz	1MHz
JMV1206S450T551	45	50.4~61.6	95	180	0.8	550	-

**Vw-** The max. steady state DC operating voltage of which varistor could maintain also not exceeding 50uA leakage current.

**Vb-** The Voltage acrossed the device measured at 1mA DC current.

**Vc-** The peak voltage acrossed the varistor measured at a specified pulse current and waveform.

**Ip-** The max.peak current applied with specified wavefoem without any possibility of device fail.

**Et-** The max. energy which dissipated with the specified waveform without any possibility of device fail.

**C -** The device capacitance measured with zero volt bias, 1.0Vrms and 1KHz / 0.5 V rms and 1 MHz.

MLV Storage condition  $\rightarrow$  Temperature:  $\leq 30^{\circ}\text{C}$  / Humidity :  $\leq 60\%$  RH(Moisture Sensitivity Levels: 2a)

MLV Preservation period  $\rightarrow$  6 months

## External Dimension

Chip Dimension

Chip Size	inch(mm)			
	L	W	T	A
1206 (3216)	0.126 $\pm$ 0.008 (3.20 $\pm$ 0.20)	0.063 $\pm$ 0.008 (1.60 $\pm$ 0.20)	0.071max. (1.8max.)	0.028max. (0.71max.)

