



### 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)	1A,8/20 $\mu$ s	8/20 $\mu$ s	10/1000 $\mu$ s	1kHz	1MHz
<b>JMV0402S5R6T301</b>	5.6	7.0 ~ 10.0	22.0	20	0.05	-	300

**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.

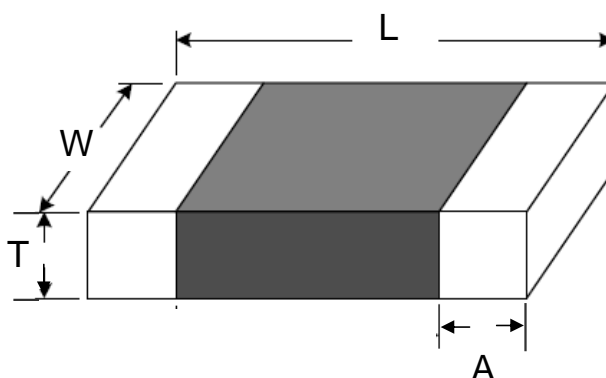
**C** - The device capacitance measured with zero volt bias, 1.0Vrms and 1kHz / 0.5 V rms and 1 MHz.

Storage condition Temperature : 30 ; Humidity : 60% RH (Moisture Sensitivity Levels: 2a)

Preservation period 12 months

Operating temperature : -55 ~ 85

Storage temperature : -55 ~ 85



### Chip Dimension

inch (mm)

Chip Size	L	W	T	A
0402 (1005)	0.040 $\pm$ 0.004 (1.00 $\pm$ 0.10)	0.020 $\pm$ 0.004 (0.50 $\pm$ 0.10)	0.024 max. (0.6 max.)	0.010 $\pm$ 0.006 (0.25 $\pm$ 0.15)