



**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	
	<15 μ A	1mA(DC)	1A,8/20 μ s	8/20 μ s	10/1000 μ s	1KHz	1MHz
<b>JMV0402E200T220</b>	12.0	15.0 ~ 25.0	50	1max.	0.05 max.	-	22

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.

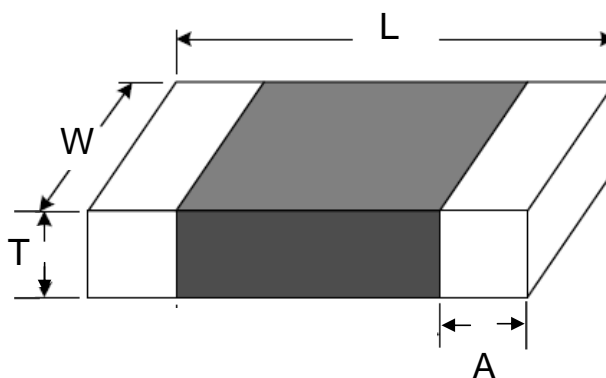
C - The device capacitance measured with zero volt bias, 1.0Vrms and 1kHz / 0.5 V rms and 1 MHz.

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±0.004 (1.00±0.10)	0.020±0.004 (0.50±0.10)	0.024 max. (0.6 max.)	0.010±0.006 (0.25±0.15)