

## ELECTRICAL CHARACTERISTICS

Part No.	Working Voltage (Vw)	Clamping Voltage (Vc)	ESD Withstanding	Capacitance (C)		Capacitance Tolerance
	Volts	Volts	Times	pF		%
	<15 $\mu$ A	1A,8/20 $\mu$ s	8KV*	1KHz	1MHz	
<b>JMV0603C120T820</b>	12	50	> 1000	-	82	$\pm$ 20%

\* - In system ESD withstanding pulse per IEC 61000-4-2, 8KV, contact discharge method.

Vw- The max. steady state DC operating voltage of which varistor could maintain also not exceeding 15uA leakage current.

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

C - The device capacitance measured with 1.0Vrms, 1KHz / 0.5rms, 1 l

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
0603 (1608)	0.063 $\pm$ 0.006 (1.60 $\pm$ 0.15)	0.031 $\pm$ 0.006 (0.80 $\pm$ 0.15)	0.035 max. (0.9max.)	0.014 $\pm$ 0.006 (0.35 $\pm$ 0.15)

