

ELECTRICAL CHARACTERISTICS

Part No.	Working Voltage (Vw)	Clamping Voltage (Vc)	ESD Withstanding	Capacitance (C)		Capacitance Tolerance
	Volts	Volts	Times	pF		%
	<15 μ A	1A,8/20 μ s	8KV*	1KHz	1MHz	
JMV0402C120T101	12	50	> 1000	100	-	\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
0402 (1005)	0.040 \pm 0.004 (1.00 \pm 0.10)	0.020 \pm 0.004 (0.50 \pm 0.10)	0.024max. (0.6max.)	0.010 \pm 0.006 (0.25 \pm 0.15)

