ELECTRICAL CHARACTERISTICS

Part No.	Working Voltage (Vw)	Clamping Voltage (Vc)	ESD Withstanding	Capacitance (C)		Capacitance Tolerance
	Volts	Volts	Times	pF		%
	<15 μA	1A,8/20 μs	8KV*	1KHz	1MHz	
JMV0402C120T4R7	12	80	＞ 1000	-	4.7	-20% ~ +80%

*** - 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→Temperature: ≦30℃/ Humidity :≦60% RH(Moisture Sensitivity Levels: 2a)

MLV Preservation period→ 6 months

External Dimension

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)	0.024max. (0.6max.)	0.010±0.006 (0.25±0.15)