



for ESD /Surge protection - S series

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 μ A	1mA(DC)	1A,8/20 μ s	8/20 μ s	10/1000 μ s	1kHz	1MHz
0402							
JMV0402S5R6T301	5.6	7.0~10.0	22.0	20	0.05	-	300
JMV0402S090T201	9.0	10.0~15.0	32.0	20	0.05	-	200
JMV0402S140T850	14.0	16.2~19.8	38.0	20	0.05	-	85
JMV0402S180T550	18.0	21.6~26.0	45.0	20	0.05	-	55
0603							
JMV0603S5R6T102	5.6	7.0~10.0	22.0	30	0.1	1000	-
JMV0603S5R6T351	5.6	7.0~10.0	22.0	30	0.1	350	-
JMV0603S090T651	9.0	10.0~15.0	30.0	30	0.1	650	-
JMV0603S090T331	9.0	10.0~15.0	30.0	30	0.1	330	-
JMV0603S140T451	14.0	16.2~19.8	37.0	30	0.1	450	-
JMV0603S140T181	14.0	16.2~19.8	37.0	30	0.1	180	-
JMV0603S180T281	18.0	21.6~26.0	48.0	30	0.1	280	-
JMV0603S180T111	18.0	21.6~26.0	48.0	30	0.1	110	-
JMV0603S260T151	26.0	31.0~38.0	62.0	30	0.1	150	-
JMV0603S260T800	26.0	31.0~38.0	62.0	30	0.1	80	-
JMV0603S300T101	30.0	37.0~46.0	73.0	30	0.1	100	-
0805							
JMV0805S5R6T132	5.6	7.0~10.0	22.0	80	0.1	1300	-
JMV0805S5R6T451	5.6	7.0~10.0	22.0	40	0.1	450	-
JMV0805S5R6T661	5.6	7.0~10.0	22.0	40	0.1	660	-
JMV0805S090T781	9.0	10.0~15.0	27.0	40	0.1	780	-
JMV0808S090T271	9.0	10.0~15.0	27.0	40	0.1	270	-
JMV0805S120T531	12.0	14.0~18.3	34.0	40	0.1	530	-
JMV0805S120T431	12.0	14.0~18.3	34.0	40	0.1	430	-
JMV0805S120T251	12.0	14.0~18.3	34.0	40	0.1	250	-
JMV0805S140T381	14.0	16.2~19.8	37.0	40	0.1	380	-
JMV0805S140T201	14.0	16.2~19.8	37.0	40	0.1	200	-
JMV0805S180T351	18.0	21.6~26.0	48.0	40	0.1	350	-
JMV0805S180T111	18.0	21.6~26.0	48.0	40	0.1	110	-
JMV0805S260T161	26.0	31.0~38.0	62.0	40	0.1	160	-
JMV0805S260T101	26.0	31.0~38.0	62.0	40	0.1	100	-
JMV0805S300T101	30.0	37.0~46.0	73.0	40	0.1	100	-
JMV0805S300T311	30.0	37.0~46.0	73.0	100	0.3	310	-

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.

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

MLV Preservation period 6 months



for ESD /Surge protection - S series

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 μ A	1mA(DC)	1A,8/20 μ s	8/20 μ s	10/1000 μ s	1kHz	1MHz
1206							
JMV1206S5R6T152	5.6	7.0~10.0	22.0	150	1.0	1500	-
JMV1206S120T801	12.0	14.0~18.3	34.0	150	0.6	800	-
JMV1206S140T401	14.0	16.2~19.8	37.0	100	0.3	400	-
JMV1206S140T801	14.0	16.2~19.8	37.0	200	0.5	800	-
JMV1206S160T132	16.0	19.8~24.2	40.0	200	1.0	1300	-
JMV1206S180T132	18.0	21.6~26.0	48.0	200	1.0	1300	-
JMV1206S180T901	18.0	21.6~26.0	48.0	100	0.3	900	-
JMV1206S260T901	26.0	31.0~38.0	62.0	200	1.0	900	-
JMV1206S300T201	30.0	37.0~46.0	73.0	100	0.3	200	-
JMV1206S300T401	30.0	37.0~46.0	73.0	100	0.3	400	-
JMV1206S300T551	30.0	37.0~46.0	73.0	200	1.0	550	-
JMV1206S330T551	33.0	39.0~47.0	75.0	180	1.0	550	-
JMV1206S380T501	38.0	42.3~51.7	88.0	200	1.1	500	-
JMV1206S450T551	45.0	50.4~61.6	95.0	180	0.8	550	-
JMV1206S480T251	48.0	55.8~68.2	100.0	100	0.8	250	-
JMV1206S560T101	56.0	61.0~77.0	120.0	100	0.3	100	-
JMV1206S560T381	56.0	61.0~77.0	120.0	180	1.0	380	-
JMV1206S650T241	65.0	73.8~90.2	135.0	100	0.6	240	-
1210							
JMV1210S5R6T502	5.6	7.0~10.0	22@2.5A	250	0.4	5000	-
JMV1210S180T202	18.0	21.6~26.0	48@2.5A	400	1.5	2000	-
JMV1210S220T182	22.0	24.3~29.7	52@2.5A	400	1.7	1800	-
JMV1210S260T112	26.0	31.0~38.0	62@2.5A	250	1.2	1100	-
JMV1210S260T152	26.0	31.0~38.0	62@2.5A	400	1.9	1500	-
JMV1210S300T901	30.0	37.0~46.0	77@2.5A	250	1.7	900	-
JMV1210S300T122	30.0	37.0~46.0	77@2.5A	400	1.9	1200	-
JMV1210S450T951	45.0	50.4~61.6	95@2.5A	250	2.2	950	-
1812							
JMV1812S180T452	18.0	21.6~26.0	48@5A	800	2.3	4500	-
JMV1812S220T352	22.0	24.3~29.7	52@5A	500	2.0	3500	-
JMV1812S220T402	22.0	24.3~29.7	52@5A	800	2.7	4000	-
JMV1812S260T282	26.0	31.0~38.0	65@5A	500	2.5	2800	-
JMV1812S260T302	26.0	31.0~38.0	65@5A	800	3.0	3000	-
JMV1812S300T252	30.0	37.0~46.0	78@5A	800	3.7	2500	-
JMV1812S380T202	38.0	42.3~51.7	88@5A	800	4.2	2000	-
2220							
JMV2220S5R6T203	5.6	7.0~10.0	19@10A	1200	1.4	20000	-
JMV2220S180T153	18.0	22.0~27.0	56@10A	1200	5.8	15000	-
JMV2220S300T502	30.0	37.0~46.0	85@10A	1200	9.6	5000	-
JMV2220S380T402	38.0	42.3~51.7	88@10A	1200	12	4000	-

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