



# SMD Transient Voltage Suppressors

## ML-A Series (SV1206~SV1812)

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current (MAX)	Clamping Voltage (MAX)		Energy Absorption (MAX)	Typical Capacitance
	AC(V <sub>RMS</sub> )	DC (V)			1mA (V)	8/20μs (A)		
SV1206ML150A	8.0	11.0	15(12.75~17.25)	220	1	25	0.4	1700
SV1206ML180A	11.0	14.0	18(15.3~20.7)	200	1	30	0.5	1500
SV1206ML220A	12.0	16.5	22(19.8~24.2)	200	1	36	0.5	1280
SV1206ML240A	14.0	18.0	24(21.6~27)	200	1	39	0.5	1160
SV1206ML270A	17.0	22.0	27(24.3~29.8)	200	1	44	0.6	1080
SV1206ML330A	20.0	26.0	33(29.7~36.3)	200	1	54	0.7	680
SV1206ML390A	25.0	30.0	39(35.1~42.9)	200	1	65	1.0	620
SV1206ML470A	30.0	38.0	47(42.3~51.7)	200	1	77	1.1	550
SV1206ML560A	35.0	45.0	56(50.4~61.6)	200	1	90	0.8	400
SV1210ML150A	8.0	11.0	15(12.75~17.25)	400	2.5	25	1.0	4050
SV1210ML180A	11.0	14.0	18(15.3~20.7)	400	2.5	30	1.2	3860
SV1210ML220A	12.0	16.5	22(19.8~24.2)	400	2.5	36	1.4	2600
SV1210ML240A	14.0	18.0	24(21.6~27)	400	2.5	39	1.4	2380
SV1210ML270A	17.0	22.0	27(24.3~29.8)	400	2.5	44	1.7	2100
SV1210ML330A	20.0	26.0	33(29.7~36.3)	400	2.5	54	1.9	1400
SV1210ML390A	25.0	30.0	39(35.1~42.9)	400	2.5	65	1.7	1180
SV1210ML470A	30.0	38.0	47(42.3~51.7)	400	2.5	77	2.0	1000
SV1210ML560A	35.0	45.0	56(50.4~61.6)	400	2.5	90	2.0	660
SV1812ML150A	8.0	11.0	15(12.75~17.25)	800	5	25	1.8	8450
SV1812ML180A	11.0	14.0	18(15.3~20.7)	800	5	30	1.9	7030
SV1812ML220A	12.0	16.5	22(19.8~24.2)	800	5	36	2.3	5080
SV1812ML240A	14.0	18.0	24(21.6~27)	800	5	38	2.3	4650
SV1812ML270A	17.0	22.0	27(24.3~29.8)	800	5	44	2.7	4150
SV1812ML330A	20.0	26.0	33(29.7~36.3)	800	5	54	3.0	3400
SV1812ML390A	25.0	30.0	39(35.1~42.9)	800	5	65	3.7	2950
SV1812ML470A	30.0	38.0	47(42.3~51.7)	800	5	77	4.2	2550
SV1812ML560A	35.0	45.0	56(50.4~61.6)	800	5	90	4.2	2400