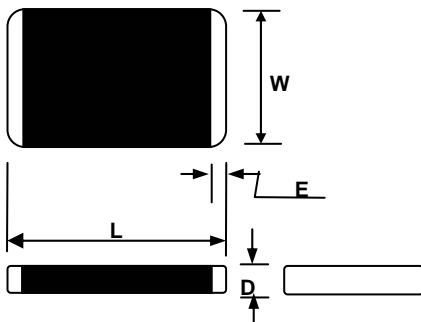




# SMD Transient Voltage Suppressors

## ML-A Series (SV2220)

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)			(A)	(V)		
SV2220ML150A	8	11	15(12.75~17.25)	1200	10	25	4.2	21200
SV2220ML180A	11	14	18(15.3~20.7)	1200	10	30	5.4	17700
SV2220ML220A	12	16.5	22(19.8~24.2)	1200	10	36	5.8	14500
SV2220ML240A	14	18	24(21.6~27)	1200	10	39	5.8	13600
SV2220ML270A	17	22	27(24.3~29.8)	1200	10	44	7.2	12000
SV2220ML330A	20	26	33(29.7~36.3)	1200	10	54	7.8	10500
SV2220ML390A	25	30	39(35.1~42.9)	1200	10	65	9.6	8900
SV2220ML470A	30	38	47(42.3~51.7)	1200	10	77	12.0	5700
SV2220ML560A	35	45	56(50.4~61.6)	1200	10	90	7.7	4800



Type	L mm	W mm	D mm	E mm
SV1206 ML	3.2±0.20	1.6 ±0.15	1.5 max.	0.5 +0.2/-0.2
SV1210 ML	3.2±0.20	2.5 ±0.20	1.5 max.	0.5 +0.2/-0.2
SV1812 ML	4.5±0.20	3.2±0.20	2.0 max.	0.5 +0.3/-0.1
SV2220 ML	5.7±0.20	5.0 ±0.20	2.5 max.	0.5 +0.3/-0.1

### NOTES :

1. Tolerance of breakdown Voltage : 15 18V= ±15 % , 22 56V=±10 %
2. Tolerance of capacitance: ±20 %
3. Typical leakage at 25 < 50µA, maximum leakage 100µA.
4. The special capacitance range can be designed upon request.