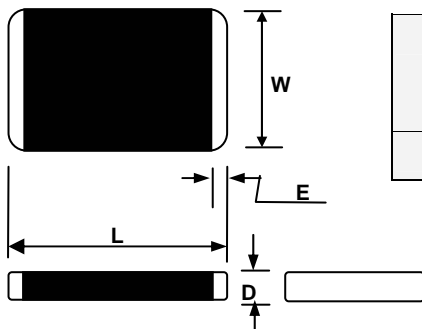




# SMD Transient Voltage Suppressors

## ML-C Series (SV1210)

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)		
SV1210ML080C	4	5.5	8(6.4~9.6)	250	2.5	16	0.4	6200
SV1210ML120C	6	9	12(9.6~14.4)	250	2.5	20	0.5	4400
SV1210ML150C	8	11	15(12.75~17.25)	250	2.5	25	0.6	3520
SV1210ML180C	11	14	18(15.3~20.7)	250	2.5	30	0.7	3260
SV1210ML220C	12	16.5	22(19.8~24.2)	250	2.5	36	0.8	2100
SV1210ML240C	14	18	24(21.6~27)	250	2.5	38	0.8	1950
SV1210ML270C	17	22	27(24.3~29.8)	250	2.5	44	1.0	1720
SV1210ML330C	20	26	33(29.7~36.3)	250	2.5	54	1.2	1090
SV1210ML390C	25	30	39(35.1~42.9)	250	2.5	65	1.4	920
SV1210ML470C	30	38	47(42.3~51.7)	250	2.5	77	1.6	780
SV1210ML560C	35	45	56(50.4~61.6)	250	2.5	90	2.0	470
SV1210ML680C	40	56	68(61.2~74.8)	250	2.5	110	2.3	390
SV1210ML820C	50	65	82(73.8~90.2)	250	2.5	135	1.2	320
SV1210ML101C	60	85	100(90~110)	200	2.5	165	1.4	220
SV1210ML111C	70	90	110(99~121)	200	2.5	180	1.4	200



Type	L mm	W mm	D mm	E mm
SV1210 ML	3.2 ± 0.20	2.5 ± 0.20	1.5 max.	0.5 +0.2/-0.2

### NOTES :

1. Tolerance of breakdown Voltage : 5 8V= ±20 % , 12 15V=±15 % , 18 110V=±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.