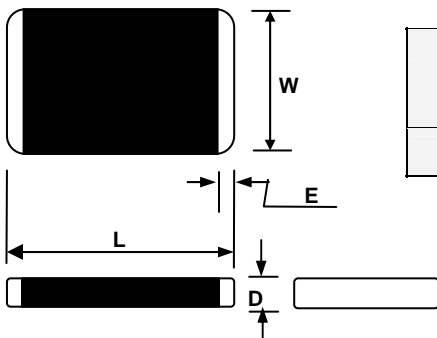




SMD Transient Voltage Suppressors

ML-C Series (SV1206)

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current (MAX)	Clamping Voltage (MAX)		Energy Absorption (MAX)	Typical Capacitance
	AC (V _{RMS})	DC (V)			(A)	(V)		
SV1206ML050C	2.5	3.3	5(4.0~6.0)	60	1	10	0.1	3850
SV1206ML080C	4	5.5	8(6.4~9.6)	100	1	16	0.2	3200
SV1206ML120C	6	9	12(9.6~14.4)	100	1	20	0.2	2200
SV1206ML150C	8	11	15(12.75~17.25)	100	1	25	0.2	1300
SV1206ML180C	11	14	18(15.3~20.7)	100	1	30	0.3	1150
SV1206ML220C	12	16.5	22(19.8~24.2)	100	1	36	0.3	1000
SV1206ML240C	14	18	24(21.6~27)	100	1	38	0.3	900
SV1206ML270C	17	22	27(24.3~29.8)	100	1	44	0.4	840
SV1206ML330C	20	26	33(29.7~36.3)	100	1	54	0.5	490
SV1206ML390C	25	30	39(35.1~42.9)	100	1	65	0.6	440
SV1206ML470C	30	38	47(42.3~51.7)	100	1	77	0.7	400
SV1206ML560C	35	45	56(50.4~61.6)	100	1	90	0.8	310
SV1206ML680C	40	56	68(61.2~74.8)	100	1	110	1.0	280
SV1206ML820C	50	65	82(73.8~90.2)	100	1	135	0.5	240
SV1206ML101C	60	85	100(90~110)	100	1	165	0.6	160
SV1206ML111C	70	90	110(99~121)	100	1	180	0.6	120



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

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.