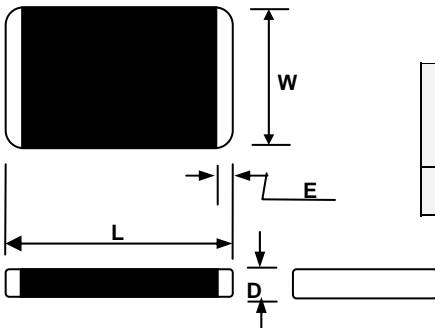




SMD Transient Voltage Suppressors

ML-C Series (SV0603)

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)		
SV0603ML050C	2.5	3.3	5(4.0~6.0)	30	1	10	0.1	1250
SV0603ML080C	4	5.5	8(6.4~9.6)	30	1	16	0.1	800
SV0603ML120C	6	9	12(9.6~14.4)	30	1	20	0.1	680
SV0603ML150C	8	11	15(12.75~17.25)	30	1	25	0.1	460
SV0603ML180C	11	14	18(15.3~20.7)	30	1	30	0.1	350
SV0603ML220C	12	16.5	22(19.8~24.2)	30	1	36	0.1	300
SV0603ML240C	14	18	24(21.6~27)	30	1	39	0.1	270
SV0603ML270C	17	22	27(24.3~29.8)	30	1	44	0.1	235
SV0603ML330C	20	26	33(29.7~36.3)	30	1	54	0.1	200
SV0603ML390C	25	30	39(35.1~42.9)	30	1	65	0.1	120
SV0603ML470C	30	38	47(42.3~51.7)	30	1	77	0.1	100
SV0603ML560C	35	45	56(50.4~61.6)	30	1	90	0.1	80



Type	L mm	W mm	D mm	E mm
SV0603 ML	1.6 ± 0.15	0.8 ± 0.10	0.9 max.	0.3 +0.1/-0.1

NOTES :

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