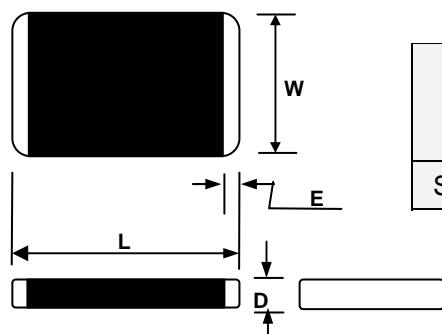




SMD Transient Voltage Suppressors

ML-C Series (SV0805)

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)		
SV0805ML050C	2.5	3.3	5(4.0~6.0)	40	1	10	0.1	2450
SV0805ML080C	4	5.5	8(6.4~9.6)	80	1	16	0.1	1600
SV0805ML120C	6	9	12(9.6~14.4)	80	1	20	0.1	1180
SV0805ML150C	8	11	15(12.75~17.25)	100	1	25	0.1	1050
SV0805ML180C	11	14	18(15.3~20.7)	100	1	30	0.1	750
SV0805ML220C	12	16.5	22(19.8~24.2)	100	1	36	0.2	680
SV0805ML240C	14	18	24(21.6~27)	100	1	39	0.2	550
SV0805ML270C	17	22	27(24.3~29.8)	100	1	44	0.2	400
SV0805ML330C	20	26	33(29.7~36.3)	100	1	54	0.3	350
SV0805ML390C	25	30	39(35.1~42.9)	100	1	65	0.3	310
SV0805ML470C	30	38	47(42.3~51.7)	100	1	77	0.3	280
SV0805ML560C	35	45	56(50.4~61.6)	80	1	90	0.3	195
SV0805ML680C	40	56	68(61.2~74.8)	80	1	110	0.3	145
SV0805ML820C	50	65	82(73.8~90.2)	60	1	135	0.3	85



Type	L mm	W mm	D mm	E mm
SV0805 ML	2.0 ± 0.20	1.25 ± 0.15	1.2 max.	0.3 +0.1/-0.1

NOTES :

1. Tolerance of breakdown Voltage : 5 8V= ±20 % , 12 15V=±15 % , 18 82V=±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.