

SMD Transient Voltage Suppressors

High Surge Protection Varistor C-series

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current (MAX)	Clamping Voltage (MAX)		Energy Absorption (MAX)	Typical Capacitance ※
	AC (VRMS)	DC (V)			(A)	(V)		
Unit Condition			1mA (V)	8/20 μ s (A)			10/1000 μ s(J)	1KHz (pF)
0402ML080C-LF	4	5.5	8(8~11)	20	1	20	0.05	200
0402ML120C-LF	6	9	12(10.2~13.8)	20	1	24	0.05	135
0402ML180C-LF	11	14	18(15.3~20.7)	20	1	35	0.05	50
0402ML240C-LF	14	18	24(21.6~26.4)	20	1	40	0.05	45
0603ML080C-LF	4	5.5	8(8~11)	30	1	20	0.1	360
0603ML120C-LF	6	9	12(10.2~13.8)	30	1	24	0.1	300
0603ML180C-LF	11	14	18(15.3~20.7)	30	1	30	0.1	210
0603ML240C-LF	14	18	24(21.6~26.4)	30	1	40	0.1	160
0603ML270C-LF	17	22	27(24.3~29.7)	30	1	54	0.1	145
0603ML390C-LF	25	30	39(35.1~42.9)	30	1	65	0.1	110
0805ML080C-LF	4	5.5	8(8~11)	80	1	20	0.1	1400
0805ML120C-LF	6	9	12(10.2~13.8)	80	1	24	0.1	650
0805ML180C-LF	11	14	18(15.3~20.7)	100	1	30	0.1	350
0805ML240C-LF	14	18	24(21.6~26.4)	100	1	39	0.1	300
0805ML270C-LF	17	22	27(24.3~29.7)	100	1	44	0.2	250
0805ML330C-LF	20	26	33(29.7~36.3)	100	1	54	0.3	220
0805ML390C-LF	25	30	39(35.1~42.9)	100	1	65	0.3	200
0805ML470C-LF	30	38	56(50.4~61.6)	100	1	77	0.3	150
1206ML080C-LF	4	5.5	8(8~11)	100	1	20	0.2	3100
1206ML180C-LF	11	14	18(15.3~20.7)	100	1	30	0.3	800
1206ML240C-LF	14	18	24(21.6~26.4)	100	1	38	0.3	620
1206ML270C-LF	17	22	27(24.3~29.7)	100	1	44	0.4	700
1206ML330C-LF	20	26	33(29.7~36.3)	100	1	54	0.5	480
1206ML390C-LF	25	30	39(35.1~42.9)	100	1	65	0.6	400
1206ML470C-LF	30	38	47(42.3~51.7)	100	1	77	0.7	260
1206ML560C-LF	35	45	56(50.4~61.6)	100	1	90	0.8	230
1206ML680C-LF	40	56	68(61.2~74.8)	100	1	110	1.0	200
1206ML820C-LF	50	65	82(73.8~90.2)	100	1	135	0.5	175
1206ML101C-LF	60	85	100(90~110)	100	1	165	0.6	150

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	AC (VRMS)	DC (V)			1mA (V)	8/20μs (A)		
1210ML240C-LF	14	18	24(21.6~26.4)	250	2.5	38	0.8	1150
1210ML330C-LF	20	26	33(29.7~36.3)	250	2.5	54	1.2	610
1210ML390C-LF	25	30	39(35.1~42.9)	250	2.5	65	1.4	920
1210ML560C-LF	35	45	56(50.4~61.6)	250	2.5	90	2.0	400
1210ML680C-LF	40	56	68(61.2~74.8)	250	2.5	110	2.3	300
1210ML101C-LF	60	85	100(90~110)	200	2.5	165	1.4	210
1812ML240C-LF	14	18	24(21.6~26.4)	500	5	38	1.7	2000
1812ML560C-LF	35	45	56(50.4~61.6)	500	5	90	4.2	1000
2220ML680C-LF	40	56	68(61.2~74.8)	1000	10	110	8.8	4000