

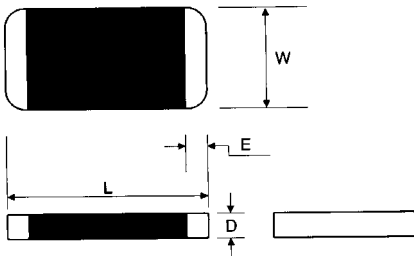
● A Series High surge absorption

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current	Clamping Voltage (MAX)		Energy Absorption	Typical Capacitance ※
	AC (V _{RMS})	DC (V)			1mA (V)	8/20 μ s (A)		
Unit Condition							10/1000 (J)	1KHz (pF)
1206ML150A	8.0	11.0	15(12.75~17.25)	200	1	25	0.4	1700
1206ML180A	11.0	14.0	18(15.3~20.7)	200	1	30	0.5	1500
1206ML220A	12.0	16.5	22(19.8~24.2)	200	1	36	0.5	1280
1206ML240A	14.0	18.0	24(21.6~27)	200	1	39	0.5	1160
1206ML270A	17.0	22.0	27(24.3~29.8)	200	1	44	0.6	1080
1206ML330A	20.0	26.0	33(29.7~36.3)	200	1	54	0.7	680
1206ML390A	25.0	30.0	39(35.1~42.9)	200	1	65	1.0	620
1206ML470A	30.0	38.0	47(42.3~51.7)	200	1	77	1.1	550
1206ML560A	35.0	45.0	56(50.4~61.6)	200	1	90	0.8	400
1210ML150A	8.0	11.0	15(12.75~17.25)	400	2.5	25	1.0	4050
1210ML180A	11.0	14.0	18(15.3~20.7)	400	2.5	30	1.2	3860
1210ML220A	12.0	16.5	22(19.8~24.3)	400	2.5	36	1.4	2600
1210ML240A	14.0	18.0	24(21.6~27)	400	2.5	39	1.4	2380
1210ML270A	17.0	22.0	27(24.3~29.8)	400	2.5	44	1.7	2100
1210ML330A	20.0	26.0	33(29.7~36.3)	400	2.5	54	1.9	1400
1210ML390A	25.0	30.0	39(35.1~42.9)	400	2.5	65	1.7	1180
1210ML470A	30.0	38.0	47(42.3~51.7)	400	2.5	77	2.0	1000
1210ML560A	35.0	45.0	56(50.4~61.6)	400	2.5	90	2.0	660
1812ML150A	8.0	11.0	15(12.75~17.25)	800	5	25	1.8	8450
1812ML180A	11.0	14.0	18(15.3~20.7)	800	5	30	1.9	7030
1812ML220A	12.0	16.5	22(19.8~24.3)	800	5	36	2.3	5080
1812ML240A	14.0	18.0	24(21.6~27)	800	5	39	2.3	4650
1812ML270A	17.0	22.0	27(24.3~29.8)	800	5	44	2.7	4150
1812ML330A	20.0	26.0	33(29.7~36.3)	800	5	54	3.0	3400
1812ML390A	25.0	30.0	39(35.1~42.9)	800	5	65	3.7	2950
1812ML470A	30.0	38.0	47(42.3~51.7)	800	5	77	4.2	2550
1812ML560A	35.0	45.0	56(50.4~61.6)	800	5	90	4.2	2400

TO BE CONTINUED

● A Series High surge absorption

Model Number	Working Voltage (MAX)		Breakdown Voltage	Peak Current	Clamping Voltage (MAX)		Energy Absorption	Typical Capacitance ※
	AC (V _{RMS})	DC (V)			(A)	(V)		
Unit Condition			1mA (V)	8/20 μ s (A)	(A)	(V)	10/1000 (J)	1KHz (pF)
2220ML150A	8.0	11.0	15(12.75~17.25)	1200	10	25	4.2	21200
2220ML180A	11.0	14.0	18(15.3~20.7)	1200	10	30	5.4	17700
2220ML220A	12.0	16.5	22(19.8~24.2)	1200	10	36	5.8	14500
2220ML240A	14.0	18.0	24(21.6~27)	1200	10	39	5.8	13600
2220ML270A	17.0	22.0	27(24.3~29.8)	1200	10	44	7.2	12000
2220ML330A	20.0	26.0	33(29.7~36.3)	1200	10	54	7.8	10500
2220ML390A	25.0	30.0	39(35.1~42.9)	1200	10	65	9.6	8900
2220ML470A	30.0	38.0	47(42.3~51.7)	1200	10	77	12.0	5700
2220ML560A	35.0	45.0	56(50.4~61.6)	1200	10	90	7.7	4800



Type	L mm	W mm	D mm	E mm
1206ML	3.2±0.20	1.6±0.15	1.5max.	0.5+0.2/-0.2
1210ML	3.2±0.20	2.5±0.20	1.5max.	0.5+0.2/-0.2
1812ML	4.5±0.20	3.2±0.20	2.0max.	0.5+0.3/-0.1
2220ML	5.7±0.20	5.0±0.20	2.5max.	0.5+0.3/-0.1

NOTE:

1. Tolerance of breakdown Voltage: 15~18V=±15%,22~56V=±10%
2. Tolerance of capacitance Voltage: ±20%
3. Typical leakage at 25⁰C<50 μ A, maximum leakage 100 μ A
4. In order to satisfy the applications of customer in various fields ,the capacitance range ※ can be designed during manufacturing according to the request , please contact our sales department if needed.