

1812 系列贴片压敏电阻

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)	8/20uS (A)			10/1000 (J)	1KHz (pF)
1812ML150K	8	11	15	800	5	25	1.8	9300
1812ML180K	11	14	18	800	5	30	1.9	8500
1812ML220K	12	16.5	22	800	5	36	2.3	6200
1812ML270K	17	22	27	800	5	44	2.7	4800
1812ML330K	20	26	33	800	5	54	3.0	3800
1812ML390K	25	30	39	800	5	65	3.7	3400
1812ML470K	30	38	47	800	5	77	4.2	2900
1812ML560K	35	45	56	800	5	90	4.2	2400

Notes:

- 1.Tolerance of breakdown voltage:15~18= $\pm 15\%$,22~56V= $\pm 15\%$ 。
- 2.Tolerance of capacitance Voltage: $\pm 20\%$ 。
- 3.Typical leakage at 25℃<50uA, maximum leakage 100uA 。
- 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 。

Dimensions

Model	0402 (1005)	0603 (1608)	0805 (2012)	1206 (3216)	1210 (3225)	1812 (4532)	2220 (5750)
Length(L)	1.00 ± 0.10	1.60 ± 0.15	2.00 ± 0.20	3.20 ± 0.20	3.20 ± 0.20	4.50 ± 0.20	5.70 ± 0.20
Width(W)	0.50 ± 0.10	0.80 ± 0.10	1.25 ± 0.15	1.60 ± 0.15	2.50 ± 0.20	3.20 ± 0.20	5.00 ± 0.20
Thickness(D)	0.50 ± 0.10	0.80 ± 0.10	1.20max	1.50max	1.50max	2.00max	2.50max

