

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)	(A)	(V)	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=±15%, 22~56V=±15%。
2. Tolerance of capacitance Voltage: ±20%。
3. Typical leakage at 25°C < 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

