

0402 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
Unit Condition	AC (VRMS)	DC (V)	1mA (V)	8/20uS (A)	(A)	(V)	10/1000 (J)	1KHz (pF)
0402ML050M	2.5	3.3	5	16	1	13	0.05	390
0402ML080M	4	5.5	8	20	1	19	0.05	295
0402ML120M	7	9	12	20	1	32	0.05	190
0402ML150M	8	11	15	20	1	33	0.05	160
0402ML180K	11	14	18	20	1	38	0.05	135
0402ML240K	14	18	24	20	1	45	0.05	93
0402ML270K	17	22	27	20	1	50	0.05	75
0402ML330K	20	26	33	20	1	60	0.05	54
0402ML390K	25	30	39	20	1	72	0.05	45
0402ML470K	30	38	47	20	1	85	0.05	40

Notes:

- 1.Tolerance of breakdown voltage:15~47=±10% 。
- 2.Tolerance of capacitance Voltage:±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

