

0603 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)
0603ML050M	2.5	3.3	5	30	1	13	0.1	640
0603ML080M	4	5.5	8	30	1	19	0.1	300
0603ML120M	7	9	12	30	1	27	0.1	240
0603ML150K	8	11	15	30	1	33	0.1	220
0603ML180K	11	14	18	30	1	35	0.1	150
0603ML240K	14	18	22	30	1	40	0.1	120
0603ML270K	17	22	27	30	1	50	0.1	110
0603ML330K	20	26	33	30	1	58	0.1	100
0603ML390K	25	30	39	30	1	72	0.1	90
0603ML470K	30	38	47	30	1	85	0.1	80
0603ML560K	35	45	56	30	1	100	0.1	60

Notes:

- 1.Tolerance of breakdown voltage:15~56V=±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

