

规格承认书

Specification for approval

产品名称: **0402 1005** 贴片压敏电阻

**Product Type: SMD 0402 Normal Surge Protection Chip
MOV Multilayer Metal Oxide Varistor 14V 10A 1005 Transient
Voltage Suppressors**

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1. Features

- ① RoHS compliant
- ② High surge suppress capability
- ③ EIA size 0402 ~ 2220
- ④ Operating voltage: 5.5 ~ 85 Vdc
- ⑤ Bidirectional and symmetrical V/I characteristics
- ⑥ Multilayer ceramic construction technology
- ⑦ Variable capacitance
- ⑧ -40 ~ +125°C operating temperature range

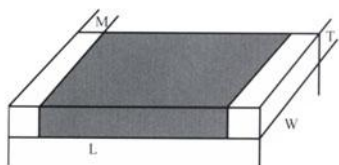
2. Recommended Applications

- 1. Power system
- 2. Mother board / notebook
- 3. Scanner
- 4. Handheld devices
- 5. Digital video
- 6. Set-top box

3. Electrical Parameters

P/N	Operating Voltage		Varistor Voltage		Clamping Voltage	Peak current	Max energy
	Vac	Vdc	V1mA(V)		Vc(V)	Ip(A)	Et(J)
			Min.	Max.	8/20µs 1A	8/20µs	10/1000µs
SMD0402G3R3NXT	2.5	3.3	4	6	10	10	0.02
SMD0402G5R0NXT	3.5	5	6	9	14	10	0.02
SMD0402G5R6NXT	4	5.6	6.7	10.1	15.5	10	0.02
SMD0402G8R0NXT	5.7	8	9.6	14.4	21.5	10	0.05
SMD0402G9R0NXT	6	9	10.8	16.2	25	10	0.05
SMD0402G110NXT	8	11	13.2	16.5	30	10	0.05
SMD0402G120NXT	9	12	14.4	18	32	10	0.05
SMD0402G140NXT	10	14	16.8	21	40	10	0.05
SMD0405G180NXT	14	18	21.6	27	54	10	0.05
SMD0405G220NXT	17	22	26.4	33	62	10	0.05
SMD0402G260NXT	20	26	31.2	39	72	10	0.05
SMD0402G300NXT	25	30	36	45	85	10	0.05
SMD0402G380NXT	30	38	45.6	57	101	10	0.05

4. Dimension (mm)



Model		Size (mm)			
MM	Metric	L	W	T	M
402	1005	1.0 ± 0.10	0.5 ± 0.10	0.5 ± 0.20	0.30+0.2/-0.1
603	1608	1.6 ± 0.15	0.8 ± 0.10	0.8 ± 0.20	0.30+0.2/-0.1
805	2012	2.0 ± 0.20	1.25 ± 0.15	0.8 ± 0.20	0.30+0.2/-0.1
1206	3216	3.2 ± 0.20	1.6 ± 0.15	1.2 ± 0.20	0.40+0.2/-0.2
1210	3225	3.2 ± 0.20	2.5 ± 0.20	1.2 ± 0.20	0.40+0.2/-0.1
1812	4532	4.5 ± 0.20	3.20 ± 0.20	1.3 ± 0.20	0.50+0.2/-0.1
2220	5650	5.7 ± 0.20	5.00 ± 0.20	1.5 ± 0.20	0.80+0.2/-0.1
3220	08CL	8.0 ± 0.20	5.00 ± 0.20	2.0 ± 0.20	0.80+0.2/-0.1
3225	08CL	8.0 ± 0.30	6.30 ± 0.30	2.0 ± 0.20	0.70+0.2/-0.1
4032	10CL	10.0 ± 0.20	8.00 ± 0.20	2.0 ± 0.20	0.80+0.2/-0.1
4840	12CL	12.0 ± 0.20	10.00 ± 0.20	2.5 ± 0.20	0.80+0.2/-0.1