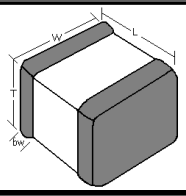
Surface Mount Capacitors: 1206 – NPO/ Hi-Q NPO, High Voltage

1206 SMT Capacitors feature:

- 1206 Case Size
- High Capacitance
- Low ESR
- NPO and Hi-Q NPO Dielectric Materials

Mechanical Dimensions



Length (L): .120" ± .006"
Width (W): .060" ± .006"
Thickness (T): .048" ± .010"
Bandwidth (bw): .010"Nom.

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
0.5	0R5	2500 VDC	NPO, Hi-Q	180	181	2000 VDC	NPO, Hi-Q
1.0	1R0	↓	NPO, Hi-Q	220	221	↓	NPO, Hi-Q
1.5	1R5	↓	NPO, Hi-Q	270	271	↓	NPO, Hi-Q
2.2	2R2	↓	NPO, Hi-Q	330	331	↓	NPO, Hi-Q
3.3	3R3	↓	NPO, Hi-Q	390	391	↓	NPO, Hi-Q
4.7	4R7	↓	NPO, Hi-Q	470	471	↓	NPO, Hi-Q
6.8	6R8	↓	NPO, Hi-Q	560	561	↓	NPO, Hi-Q
8.2	8R2	↓	NPO, Hi-Q	680	681	↓	NPO, Hi-Q
10	100	↓	NPO, Hi-Q	1000	102	1000VDC	NPO, Hi-Q
15	150	↓	NPO, Hi-Q	2200	222	↓	NPO
18	180	↓	NPO, Hi-Q	2700	272	↓	NPO
20	200	↓	NPO, Hi-Q	3300	332	↓	NPO
22	220	↓	NPO, Hi-Q	2200	222	↓	NPO
27	270	↓	NPO, Hi-Q	2700	272	↓	NPO
33	330	↓	NPO, Hi-Q	3300	332	↓	NPO
39	390	↓	NPO, Hi-Q	4700	472	500VDC	NPO
47	470	↓	NPO, Hi-Q	6800	682	↓	NPO
56	560	↓	NPO, Hi-Q	10,000	103	200 VDC	NPO
68	680	↓	NPO, Hi-Q	22,000	223	100 VDC	NPO
82	820	↓	NPO, Hi-Q	33,000	333	↓	NPO
100	101	↓	NPO, Hi-Q	47000	473	↓	NPO
120	121	↓	NPO, Hi-Q	68000	683	50 VDC	NPO
150	151	↓	NPO, Hi-Q	100,000	104	25 VDC	NPO

**** For Additional Capacitance Values and Working Voltages, Please Contact the Factory ****

Ordering Information

Case Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Hi-Reli Testing
1206	G	820	J	102	SN	T	- A
Mechanical Dimensions Shown Above	G = NPO U = Hi-Q NPO	First 2 digits are Significant; Third digit indicates # of Zeros. Use "R" for decimal point Examples: 201 = 200pF 2R2 = 2.2pF	P ±.03pF A ±.05pF B ±.10pF C ±.25pF D ±.50pF F ±1% G ±2% J ±5%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 102 = 1000V 151 = 150V	S Solder Plated Over Nickel SN Tin over Nickel Plated *(RoHS Compliant)* G Gold over Nickel Plated *(RoHS Compliant)*	T = Tape and Reel W = Waffle Pack	*(Optional)* A = Group A B = Group B C = Group C Tested and Screened

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