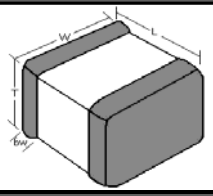
Surface Mount Capacitors: 1812 – NPO, High Voltage

CAPAX Technologies, Inc

1812 SMT Capacitors feature:

- 1812 Case Size
- High Capacitance, High Voltage
- Low ESR
- NPO Dielectric Material

Mechanical Dimensions



Length (L): .180" ± .010"
Width (W): .120" ± .010"
Thickness (T): .110" max.
Bandwidth (bw): .030"

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
1.0	1R0	3000 VDC	NPO	180	181	3000 VDC	NPO
1.5	1R5	↓	NPO	220	221	2000 VDC	NPO
2.2	2R2	↓	NPO	270	271	↓	NPO
3.3	3R3	↓	NPO	330	331	↓	NPO
4.7	4R7	↓	NPO	390	391	↓	NPO
6.8	6R8	↓	NPO	470	471	↓	NPO
8.2	8R2	↓	NPO	560	561	↓	NPO
10	100	↓	NPO	680	681	↓	NPO
15	150	↓	NPO	820	821	↓	NPO
18	180	↓	NPO	1000	102	↓	NPO
20	200	↓	NPO	1500	152	1000 VDC	NPO
22	220	↓	NPO	1800	182	↓	NPO
27	270	↓	NPO	2200	222	↓	NPO
33	330	↓	NPO	3300	332	↓	NPO
39	390	↓	NPO	4700	472	↓	NPO
47	470	↓	NPO	5600	562	↓	NPO
56	560	↓	NPO	6800	682	↓	NPO
68	680	↓	NPO	8200	822	↓	NPO
82	820	↓	NPO	10,000 (.001µF)	103	↓	NPO
100	101	↓	NPO	15,000 (.015µF)	153	500 VDC	NPO
110	111	↓	NPO	22,000 (.022µF)	223	100 VDC	NPO
120	121	↓	NPO	33,000 (.033µF)	333	↓	NPO
150	151	↓	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
1812	G	120	K	250	SN	T	- A
Mechanical Dimensions Shown Above	**G** = NPO	First 2 digits are Significant; Third digit indicates # of Zeros. Use "R" for decimal point Examples: 201 = 200pF 2R2 = 2.2pF	**B** ±.10pF **C** ±.25pF **D** ±.50pF **F** ±1% **G** ±2% **J** ±5% **K** ±10%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 201 = 200V 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	*(Optional)* **A** = Group A **B** = Group B **C** = Group C Tested and Screened

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