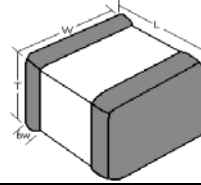


### 1812 SMT Capacitors feature:

- 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	47,000 (.047μF)	473	50 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
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