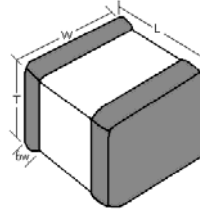


Surface Mount Capacitors: 1808 – NPO, High Voltage

1808 SMT Capacitors feature:

- 1808 Case Size
- High Capacitance
- Low ESR
- NPO Dielectric Material



Mechanical Dimensions

Length (L): .180" ± .010"
 Width (W): .080" ± .010"
 Thickness (T): .080" max.
 Bandwidth (bw): .030"

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
2.2	2R2	3000 VDC	NPO	220	221	3000 VDC	NPO
3.3	3R3		NPO	270	271		NPO
4.7	4R7		NPO	330	331		NPO
6.8	6R8		NPO	390	391		NPO
8.2	8R2		NPO	470	471		NPO
10	100		NPO	560	561		NPO
15	150		NPO	680	681		NPO
18	180		NPO	820	821		NPO
20	200		NPO	1000	102		NPO
22	220		NPO	1500	152	2000 VDC	NPO
27	270		NPO	1800	182		NPO
33	330		NPO	2200	222		NPO
39	390		NPO	2400	242		NPO
47	470		NPO	3300	332		NPO
56	560		NPO	4700	472	1000 VDC	NPO
68	680		NPO	5600	562		NPO
82	820		NPO	6800	682		NPO
100	101		NPO	10,000 (.01μF)	103	500 VDC	NPO
120	121		NPO				
150	151		NPO				
180	181		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
1808	G	820	J	302	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