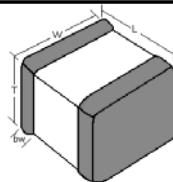


Surface Mount Capacitors: 0805 - High Voltage NPO

0805 SMT Capacitors feature:

- 0805 Case Size
- High Voltage
- Low ESR
- NPO and Hi-Q NPO Dielectric Materials



Mechanical Dimensions

Length (L): .080" ± .006"

Width (W): .050" ± .006"

Thickness (T): .040" ± .010"

Bandwidth (bw): .015" nom.

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
0.1 to 0.9	0R1 to 0R9	500 VDC	NPO, Hi-Q NPO	150	151	500 VDC	NPO, Hi-Q NPO
1.0	1R0		NPO, Hi-Q NPO	220	221		NPO, Hi-Q NPO
1.5	1R5		NPO, Hi-Q NPO	270	271		NPO, Hi-Q NPO
2.2	2R2		NPO, Hi-Q NPO	330	331		NPO, Hi-Q NPO
3.3	3R3		NPO, Hi-Q NPO	390	391		NPO
4.7	4R7		NPO, Hi-Q NPO	470	471		NPO
6.8	6R8		NPO, Hi-Q NPO	560	561		NPO
8.2	8R2		NPO, Hi-Q NPO	680	681		NPO
10	100		NPO, Hi-Q NPO	820	821	↓	NPO
15	150		NPO, Hi-Q NPO	1000	102	200 VDC	NPO
18	180		NPO, Hi-Q NPO	1500	152		NPO
20	200		NPO, Hi-Q NPO	1800	182		NPO
22	220		NPO, Hi-Q NPO	2200	222		NPO
27	270		NPO, Hi-Q NPO	2700	272		NPO
33	330		NPO, Hi-Q NPO	3300	332		NPO
39	390		NPO, Hi-Q NPO	3900	392	↓	NPO
47	470		NPO, Hi-Q NPO	4700	472	100 VDC	NPO
56	560		NPO, Hi-Q NPO	6800	682		NPO
68	680		NPO, Hi-Q NPO	8200	822		NPO
82	820		NPO, Hi-Q NPO	10000	103	↓	NPO
100	101		NPO, Hi-Q NPO	15000	153	50 VDC	NPO
120	121	↓	NPO, Hi-Q NPO	22000	223	↓	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
0805	G	820	J	501	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% K ±10% M ±20%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 201 = 200V 151 = 150V	P Palladium Silver 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

