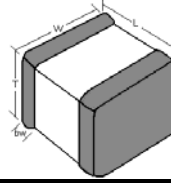


Surface Mount Capacitors: 0805 - High Voltage NPO

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" Max.

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric	
0.1 to 10	0R1 to 100	1000 VDC	NPO, Hi-Q NPO	680	681	1000 VDC	NPO	
12	120	↓	NPO, Hi-Q NPO	820	821	↓	NPO	
15	150		NPO, Hi-Q NPO	1000	102		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		500 VDC	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			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		200 VDC	NPO
100	101		NPO, Hi-Q NPO	15000	153		↓	NPO
120	121		NPO, Hi-Q NPO	22000	223			NPO
150	151		NPO, Hi-Q NPO	33000	333			NPO
220	221		NPO, Hi-Q NPO	47000	473			NPO
270	271		NPO, Hi-Q NPO	68000	683			NPO
330	331		NPO, Hi-Q NPO	0.1uF	104			100 VDC
390	391		NPO, Hi-Q NPO					
470	471		NPO, Hi-Q NPO					
560	561	NPO, Hi-Q 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	102	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	P ±.03pF A ±.05pF B ±.10pF C ±.25pF D ±.50pF E ±0.5% F ±1% G ±2% J ±5% K ±10%	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