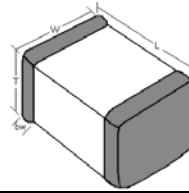


### Mechanical Dimensions

0201 SMT Capacitors feature:

- 0201 Case Size
- Low ESR
- NPO and Hi-Q NPO Dielectric Materials



Length (L): .023" ± .001"

Width (W): .012" ± .001"

Thickness (T): .012" max

Bandwidth (bw): .003" ± .001"

### Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
0.1	0R1	50 VDC	NPO, Hi-Q NPO	5.1	5R1	50 VDC	NPO, Hi-Q NPO
0.2	0R2		NPO, Hi-Q NPO	5.6	5R6		NPO, Hi-Q NPO
0.3	0R3		NPO, Hi-Q NPO	6.8	6R8		NPO, Hi-Q NPO
0.4	0R4		NPO, Hi-Q NPO	8.2	8R2		NPO, Hi-Q NPO
0.5	0R5		NPO, Hi-Q NPO	9.1	9R1		NPO, Hi-Q NPO
0.6	0R6		NPO, Hi-Q NPO	10	100		NPO, Hi-Q NPO
0.7	0R7		NPO, Hi-Q NPO	12	120		NPO
0.8	0R8		NPO, Hi-Q NPO	15	150		NPO
0.9	0R9		NPO, Hi-Q NPO	18	180		NPO
1.0	1R0		NPO, Hi-Q NPO	22	220		NPO
1.2	1R2		NPO, Hi-Q NPO	27	270		NPO
1.5	1R5		NPO, Hi-Q NPO	33	330		NPO
1.8	1R8		NPO, Hi-Q NPO	39	390		NPO
2.0	2R0		NPO, Hi-Q NPO	47	470		NPO
2.2	2R2		NPO, Hi-Q NPO	56	560		NPO
2.4	2R4		NPO, Hi-Q NPO	62	620		NPO
2.7	2R7		NPO, Hi-Q NPO	68	680		NPO
3.0	3R0		NPO, Hi-Q NPO	75	750		NPO
3.3	3R3		NPO, Hi-Q NPO	82	820		NPO
3.9	3R9		NPO, Hi-Q NPO	91	910		NPO
4.7	4R7		NPO, Hi-Q NPO	100	101		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
0201	G	100	J	500	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 ± 0.03pF A ± 0.05pF B ± 0.1pF C ± 0.25pF D ± 0.5pF F ± 1% G ± 2% J ± 5% K ± 10%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 201 = 200V 151 = 150V 500 = 50V	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