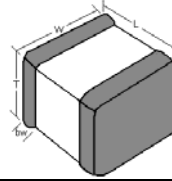


### 0805 SMT Capacitors feature:

- 0805 Case Size
- High Capacitance
- Low ESR, Low Profile
- NPO Dielectric Material



### Mechanical Dimensions

Length (L): .080" ± .006"

Width (W): .050" ± .006"

Thickness (T): .030" ± .006"

Bandwidth (bw): .015" nom.

### Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Value (pF)	Cap. Code	Max Voltage
0.5	0R5	50 VDC	180	181	50 VDC
1.0	1R0		220	221	
1.5	1R5		270	271	
2.2	2R2		330	331	
3.3	3R3		390	391	
4.7	4R7		470	471	
6.8	6R8		560	561	
8.2	8R2		680	681	
10	100		820	821	
15	150		1000	102	
18	180		1500	152	
20	200		1800	182	
22	220		2200	222	
27	270		2700	272	
33	330		3300	332	
39	390		3900	392	
47	470		4700	472	
56	560		6800	682	
68	680		8200	822	
82	820		10000	103	
100	101		15000	153	25 VDC
120	121		22000	223	
150	151				

\*\* For Additional Capacitance Values and Working Voltages, Please Contact the Factory \*\*

### ORDERING INFORMATION

Case Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Max Thickness	Hi - Reliance Testing
0805	G	151	K	500	SN	T	- 030	- 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 B ±.1pF C ±.25pF 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	S Solder Plated Over Nickel SN Tin over Nickel Plated (RoHS Compliant) G Gold over Nickel Plated (RoHS Compliant)	T = Tape and Reel	(Optional) Maximum Thickness	(Optional) A = Group A B = Group B C = Group C Tested and Screened