

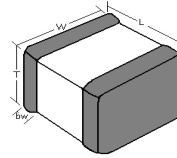


Surface Mount Capacitors: 0805 - X7R/ X5R, High Voltage

0805 SMT Capacitors feature:

- 0805 Case Size
- High Voltage
- High Capacitance

Mechanical Dimensions



Length (L): .082" ± .005"
 Width (W): .052" ± .005"
 Thickness (T): .0450" ± .010"
 Bandwidth (bw): .015" Max.

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
100	101	1000 VDC	X7R	22,000 (.022μF)	223	250 VDC	X7R
150	151	↓	X7R	39,000 (.039μF)	393	200 VDC	X7R
220	221	↓	X7R	47,000 (.047μF)	473	↓	X7R
330	331	↓	X7R	56,000 (.056μF)	563	↓	X7R
470	471	↓	X7R	68,000 (.068μF)	683	↓	X7R
680	681	↓	X7R	82,000 (.082μF)	823	↓	X7R
820	821	↓	X7R	100,000 (.10μF)	104	100 VDC	X7R
1000	102	↓	X7R	150,000 (.15μF)	154	↓	X7R
1500	152	↓	X7R	220,000 (.22μF)	224	↓	X7R
1800	182	↓	X7R	330,000 (.33μF)	334	↓	X7R
2200	222	↓	X7R	470,000 (.47μF)	474	↓	X7R
2700	272	↓	X7R	680,000 (.68μF)	684	↓	X7R
3300	332	↓	X7R	1,000,000 (1μF)	105	↓	X7R, X5R
3900	392	500 VDC	X7R	1,500,000 (1.5μF)	155	63 VDC	X7R, X5R
4700	472	↓	X7R	2,200,000 (2.2μF)	225	↓	X7R, X5R
5600	562	↓	X7R	4,700,000 (4.7μF)	475	↓	X7R, X5R
6800	682	↓	X7R	10μF	106	50 VDC	X7R, X5R
8200	822	↓	X7R	22μF	226	35 VDC	X7R, X5R
10,000 (.01μF)	103	↓	X7R	33μF	336	16 VDC	X7R, X5R
15,000 (.015μF)	153	300 VDC	X7R	47μF	476	16VDC	X7R, X5R
18,000 (.018μF)	183	250 VDC	X7R	100μF	107	6R3	X5R

**** 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	X	103	K	501	SN	T	- A
Mechanical Dimensions Shown Above	X = X7R B = X5R	First 2 digits are Significant; Third digit indicates # of Zeros. Use "R" for decimal point Examples: 201 = 200pF 2R2 = 2.2pF	G ±2% J ±5% K ±10% M ±20%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 201 = 200V 151 = 150V 202 = 2000V	S Solder (90Sn/10Pb) 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