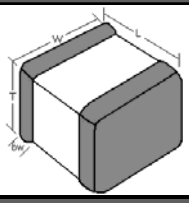
CAPAX Technologies, Inc

Surface Mount Capacitors: 0805 – X7R, Low Profile

0805 SMT Capacitors feature:

- 0805 Case Size
- High Voltage, High Capacitance
- Low Profile
- X7R Dielectric Material

Mechanical Dimensions



Length (L): .080" ± .006"
Width (W): .050" ± .006"
Thickness (T): .030" ± .010"
Bandwidth (bw): .015"

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
100	101	200 VDC	X7R	22,000 (.022µF)	223	100 VDC	X7R
150	151		X7R	27,000 (.027µF)	273		X7R
220	221		X7R	33,000 (.033µF)	333		X7R
330	331		X7R	39,000 (.039µF)	393		X7R
470	471		X7R	47,000 (.047µF)	473		X7R
680	681		X7R	56,000 (.056µF)	563		X7R
820	821		X7R	68,000 (.068µF)	683		X7R
1000	102		X7R	82,000 (.082µF)	823	↓	X7R
1500	152		X7R	100,000 (.10µF)	104	50 VDC	X7R
1800	182		X7R	150,000 (.15µF)	154		X7R
2200	222		X7R	180,000 (.18µF)	184		X7R
2700	272		X7R	220,000 (.22µF)	224	↓	X7R
3300	332		X7R	330,000 (.33µF)	334	25 VDC	X7R
3900	392		X7R	470,000 (.47µF)	474		X7R
4700	472		X7R	680,000 (.68µF)	684		X7R
5600	562		X7R	820,000 (.82µF)	824		X7R
6800	682		X7R	1,000,000 (1µF)	105	↓	X7R
8200	822	↓	X7R	2,200,000 (2.2µF)	225	10 VDC	X7R
10,000 (.01µF)	103	100 VDC	X7R	3,300,000 (3.3µF)	335		X7R
15,000 (.015µF)	153		X7R	4,700,000 (4.7µF)	475	↓	X7R
18,000 (.018µF)	183	↓	X7R				

**** 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	X	101	J	500	SN	T	- 030	- A
Mechanical Dimensions Shown Above	**X** = X7R	First 2 digits are Significant; Third digit indicates # of Zeros. Use "R" for decimal point Examples: 201 = 200pF 2R2 = 2.2pF	**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

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