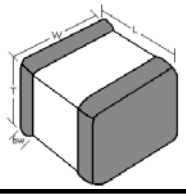
CAPAX Technologies, Inc

Surface Mount Capacitors: 1206 – X7R, Low Profile

1206 SMT Capacitors feature:

- 1206 Case Size
- High Voltage, High Capacitance
- Low Profile
- X7R and X5R Dielectric Materials

Mechanical Dimensions



Length (L): .120" ± .010"
Width (W): .060" ± .010"
Thickness (T): .035" ± .010"
Bandwidth (bw): .020" nom.

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	200 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	100 VDC	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	▼	X7R
1800	182	↓	X7R	150,000 (.15µF)	154	50 VDC	X7R
2200	222	↓	X7R	220,000 (.22µF)	224	↓	X7R
2700	272	↓	X7R	330,000 (.33µF)	334	▼	X7R
3300	332	↓	X7R	470,000 (.47µF)	474	25 VDC	X7R
3900	392	↓	X7R	680,000 (.68µF)	684	↓	X7R
4700	472	↓	X7R	1,000,000 (1µF)	105	↓	X7R
5600	562	↓	X7R	1,500,000 (1.5µF)	155	↓	X7R
6800	682	↓	X7R	2,200,000 (2.2µF)	225	↓	X7R
8200	822	↓	X7R	3,300,000 (3.3µF)	335	▼	X7R
10,000 (.01µF)	103	↓	X7R	4,700,000 (4.7µF)	475	16 VDC	X7R
15,000 (.015µF)	153	↓	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
1206	X	223	K	201	SN	T	- 030	- A
Mechanical Dimensions Shown Above	**X** = X7R	First 2 digits are Significant; Third digit indicates number of Zeros. Use "R" for decimal point Examples: 201 = 200pF 2R2 = 2.2pF	**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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