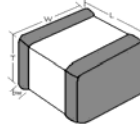


Surface Mount Capacitors: 1808 - X7R, High Voltage

1808 SMT Capacitors feature:

- 1808 Case Size
- High Voltage
- High Capacitance



Mechanical Dimensions

Length (L): .180" ± .010"

Width (W): .080" ± .010"

Thickness (T): .085" max

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
100	101	5000 VDC	X7R				
150	151		X7R				
220	221		X7R				
330	331		X7R				
470	471		X7R				
680	681		X7R				
820	821		X7R				
1000	102		X7R				
1500	152	3000VDC	X7R				
1800	182		X7R				
2200	222		X7R				
2700	272		X7R				
3300	332		X7R				
3900	392	2000VDC	X7R				
4700	472		X7R				
5600	562		X7R				
6800	682	1000VDC	X7R				
8200	822		X7R				
10,000 (.01μF)	103		X7R				
22,000 (.022μF)	223	630 VDC	X7R				
33,000 (.033μF)	333		X7R				
47,000 (.047μF)	473		X7R				
100,000 (.01μF)	104	250 VDC	X7R				

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

ORDERING INFORMATION

Case Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Hi-Reli Testing
1808	X	103	K	102	SN	T	- A
Mechanical Dimensions Shown Above	X = X7R	First 2 digits are Significant; Third digit indicates # of Zeros. Use "R" for decimal point Examples: 331 = 330pF 226 = 22μF	J ±5% K ±10% M ±20% Z +80%, -20%	First 2 digits are Significant; Third digit indicates number of Zeros Examples: 201 = 200V 151 = 150V 502 = 5000V	S Solder Plated Over Nickel SN Tin over Nickel Plated (RoHS Compliant) G Gold over Nickel Plated (RoHS Compliant)	T = Tape and Reel	(Optional) A = Group A B = Group B C = Group C Tested and Screened