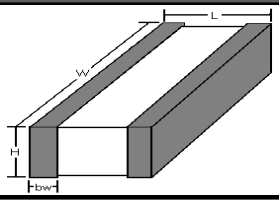
Surface Mount Capacitors: 1825 – X7R, High Voltage

1825 SMT Capacitors feature:

- 1825 Case Size
- High Voltage
- X7R Dielectric Material

Mechanical Dimensions



Length (L): .180" ± .010"
Width (W): .250" ± .010"
Thickness (T): .120" max
Bandwidth (bw): .030"

Capacitance Value

Value (pF)	Cap. Code	Max Voltage	Dielectric	Value (pF)	Cap. Code	Max Voltage	Dielectric
100	101	3000 VDC	X7R	33,000 (.033µF)	333	1500 VDC	X7R
150	151		X7R	39,000 (.039µF)	393		X7R
220	221		X7R	47,000 (.047µF)	473		X7R
330	331		X7R	56,000 (.056µF)	563	1000VDC	X7R
470	471		X7R	68,000 (.068µF)	683		X7R
680	681		X7R	82,000 (.082µF)	823		X7R
820	821		X7R	100,000 (.10µF)	104		X7R
1000	102		X7R	150,000 (.15µF)	154	630 VDC	X7R
1500	152		X7R	220,000 (.22µF)	224	500 VDC	X7R
1800	182		X7R	330,000 (.33µF)	334	250 VDC	X7R
2200	222		X7R	470,000 (.47µF)	474	200 VDC	X7R
2700	272		X7R	560,000 (.56µF)	564		X7R
3300	332		X7R	680,000 (.68µF)	684		X7R,X5R
3900	392		X7R	1,000,000 (1µF)	105		X7R,X5R
4700	472		X7R	2,200,000 (2.2µF)	225	100 VDC	X7R,X5R
5600	562		X7R	4,700,000(4.7µF)	475	100VDC	X7R,X5R
6800	682		X7R				
8200	822	2000VDC	X7R				
10,000 (.01µF)	103		X7R				
15,000 (.015µF)	153		X7R				
18,000 (.018µF)	183		X7R				
22,000 (.022µF)	223		X7R				
27,000 (.027µF)	273		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
1825	X	183	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 226 = 22µF	**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 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

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