

The StackiCap™ range offers a significant reduction in 'PCB real estate' for an equivalent capacitance value when board space is at a premium.

Syfer's unique patent pending* construction and FlexiCap™ termination material make the StackiCap™ range suitable for applications including: power supplies, lighting, aerospace electronics and high voltage applications where a large amount of capacitance is required. Further developments are on-going, please contact the Sales Office for details of the full range.

* Patent application No. 1210261-2 applies.

Maximum capacitance

Up to 2.2uF

Maximum voltage

Up to 2kV



Comparison chart - StackiCap™ capacitors

Chip Size	Voltage	StackiCap™ range (nF)	Non- StackiCap™ range (nF)	Replaces Case Size
1812	200V	1000	680	2220
	500V	470	330	2220
	630V	330	180	2220
	1kV	180	100	2225 / 3640
	1.5kV	56	22	2225
2220	200V	2200	1000	3640
	500V	1000	560	3640
	630V	1000	330	5550
	1kV	470	120	8060
	1.2kV	220	82	5550
	1.5kV	150	47	5550
	2kV	100	27	8060

Ordering information - StackiCap™ capacitors

1812	Y	500	0474	J	X	T	WS2
Chip size	Termination	Voltage	Capacitance in picofarads (pF)	Capacitance tolerance	Dielectric	Packaging	Suffix code
1812 2220	Y = FlexiCap™ termination base with nickel barrier (100% matte tin plating). RoHS compliant. Lead free. H = FlexiCap™ Termination base with nickel barrier (Tin/lead plating with minimum 10% lead). Not RoHS compliant.	200 = 200V 500 = 500V 630 = 630V 1K0 = 1kV 1K2 = 1.2kV 1K5 = 1.5kV 2K0 = 2kV	First digit is 0. Second and third digits are significant figures of capacitance code in picofarads (pF). Fourth digit is number of zeros eg. 0474 = 470nF Values are E12 series	J = ±5% K = ±10% M = ±20%	X = X7R	T = 178mm (7") reel R = 330mm (13") reel B = Bulk pack - tubs or trays	WS2

Reeled quantities - StackiCap™ capacitors

	1812	2220
178mm (7") Reel	500/1,000	500/1,000
330mm (13") Reel	2,000/4,000	2,000/4,000

StackiCap™