

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.

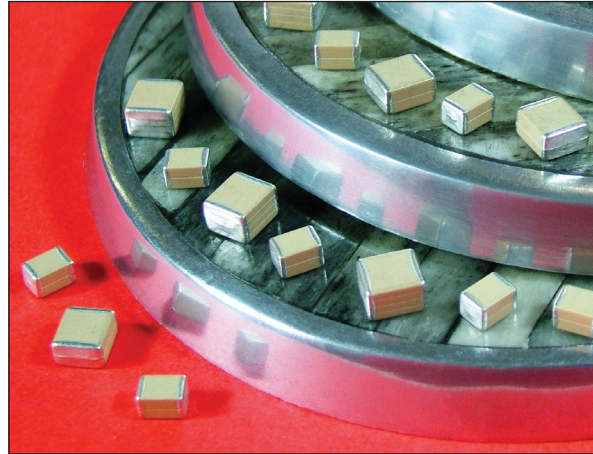
* Patent application No. 1210261-2 applies.

Maximum capacitance

Up to 5.6µF

Maximum voltage

Up to 2kV



Comparison chart - StackiCap™ capacitors

Chip Size	Voltage	StackiCap™ range (nF)	Non- StackiCap™ range (nF)	Replaces Case Size
1812	200/250V	1000	680	2220
	500V	470	330	2220
	630V	330	180	2220
	1kV	180	100	2225 / 3640
	1.2kV	100	33	2225
	1.5kV	56	22	2225
2220	200/250V	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
3640	200/250V	5600	3300	5550
	500V	2700	1000	8060
	630V	2200	680	8060
	1kV	1000	180	8060
	1.2kV	470	150	8060
	1.5kV	330	100	8060
	2kV	150	47	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 3640	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.	200/250 = 200/250V 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	3640
178mm (7") Reel	500/1,000	500/1,000	-
330mm (13") Reel	2,000/4,000	2,000/4,000	500

StackiCap™