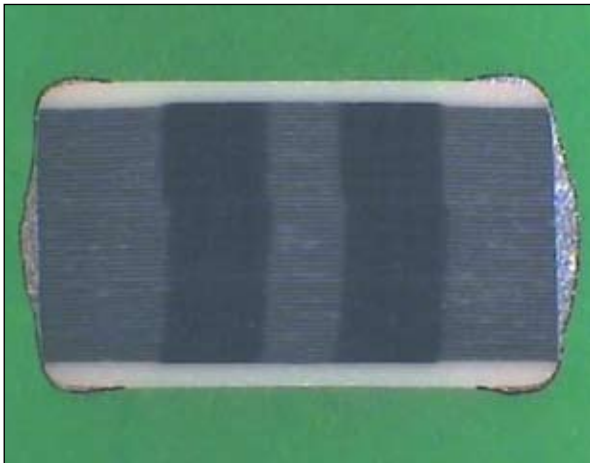
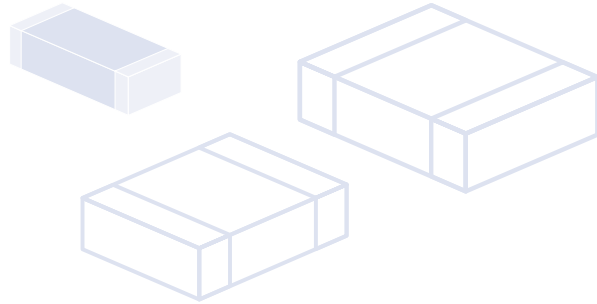
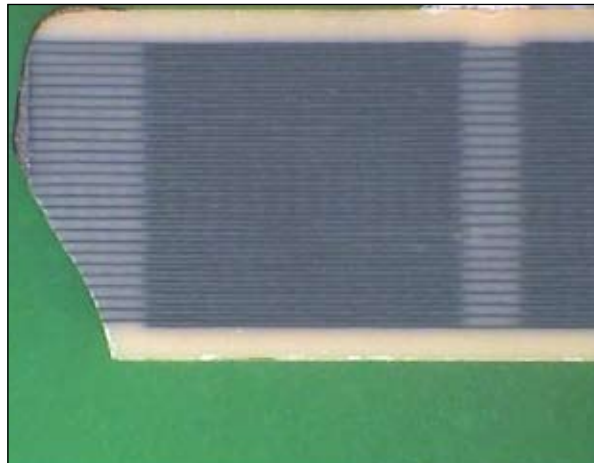


Tandem Capacitors have been designed as a fail safe range using a series section internal design, for use in any application where short circuits would be unacceptable. When combined with Syfer FlexiCap™ termination, Syfer Tandem capacitors provide an ultra robust and reliable component, for use in the most demanding applications.



Tandem capacitor - Untested



Tandem capacitor - Qualification included cracking the components by severe bend tests. Following the bend tests cracked components were subjected to endurance / humidity tests, with no failures evident due to short circuits. Note: Depending on the severity of the crack, capacitance loss was between 0% and 50%.

Max capacitance in nF (X7R only)

	0603	0805	1206	1210	1812	2220	2225
16V	12	47	150	270	560	1200	1500
25V	10	39	120	220	470	1000	1200
50/63V	6.8	33	100	180	390	680	1000
100V	2.2	10	47	82	220	470	680
200/250V	1.0	4.7	22	47	100	220	330

Ordering information - Tandem capacitors

1206	Y	050	0104	K	E	T	T01
Chip size	Termination	Voltage	Capacitance in picofarads (pF)	Capacitance tolerance	Dielectric codes	Packaging	Suffix
0603 0805 1206 1210 1812 2220 2225	Y = Polymer Termination FlexiCap™	016 = 16V 025 = 25V 050 = 50V 063 = 63V 100 = 100V 200 = 200V 250 = 250V	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following. Example: 0104 = 100000pF	K = ±10%	X = X7R E = X7R (AEC-Q200 product)	T = 178mm (7") reel R = 330mm (13") reel	Syfer Tandem capacitor

