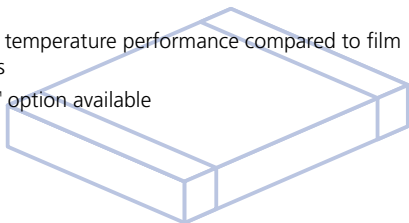


Specialist applications

Tip & Ring/Ring Detect capacitors

Syfer's range of 250Vdc chip capacitors is ideal for telephone line filtering (Tip & Ring/Ring Detect) applications.

- Small surface mount package compared to traditional through hole capacitors
- Suitable as replacements for high voltage leaded film capacitors, thereby saving pcb board space and weight
- Low ESR
- Improved temperature performance compared to film capacitors
- FlexiCap™ option available



Capacitance range

	1812	2220	2225
250Vdc	100 - 470nF	180 - 820nF	560nF - 1.0μF

Ordering information - Tip & Ring/Ring Detect capacitors

1812	J	250	0474	K	X	T
Chip size	Termination	Voltage d.c.	Capacitance in picofarads (pF)	Capacitance tolerance	Dielectric codes	Packaging
1812 2220 2225	J = Nickel barrier Y = FlexiCap™ termination base with nickel barrier (100% matte tin plating). RoHS compliant.	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: 0474 = 470,000pF = 470nF	J = ±5% K = ±10% M = ±20%	X = X7R	T = 178mm (7") reel R = 330mm (13") reel B = Bulk pack - tubs