

SYFER TECHNOLOGY LIMITED
A **DOVER** Company

Tuesday 10th November 2009
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Surface Mount EMI/RFI Filters

3 Terminal EMI Chips (E01 Range)

These 3 terminal chips are ideally suited for EMI suppression in digital circuits and other signal lines, and are available in 0805, 1206 and 1806 size. While the signal or dc current passes directly through the EMI chip, unwanted noise is suppressed by the grounding of the high frequency component.

COG and X7R dielectric types are available, providing capacitance values from 22pF to 200nF.

***NEW* Additional capacitance values have been added to the ranges. See the datasheet for more information.**

For details of all our EMI filter products, see our latest [EMI Filter Catalogue](#).

PRODUCT DETAILS

Product Code: **0805Y1000102MXTE01**

Case Size: 0805
 Reel Quantity: 3000
 Voltage: 100 V
 Capacitance: 1 nF
 Tolerance: +/-20%
 Dielectric: X7R
 Termination: FlexiCap, 100% matte Sn finish
 RoHS: Compliant

See the **PRODUCT INFO** panel on the right for more details:

PRODUCT CODE GENERATOR

Case Size	Termination	Voltage	Capacitance	To
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Product Code:

Ordering Information

1206	J	050	0223	M	X	T	E01
Chip Size Reference 0805 1206 1806	Termination J = Nickel Barrier Y = FlexiCap™ A = Nickel Barrier (Tin/Lead) H = FlexiCap™ (Tin/Lead)	Voltage 050 = 50 volts 100 = 100 volts	Capacitance Expressed in picofarads (pF). First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is number of zeros following. Example: 0223=22,000pF.	Tolerance M = ±20%	Dielectric C = COG X = X7R	Packaging T = Taped B = Bulk R = Large reel	Range E01

PRODUCT INFO

Select a product related PDF from the list below:

DATA SHEETS

[EMI Filter Catalogue \(High Resolution\) \(9.36MB\)](#)

TECHNICAL

- [Filter Installation \(587KB\)](#)
- [Dielectric Material \(175KB\)](#)
- [MLCC Packaging \(91KB\)](#)
- [MLCC Dimensions \(180KB\)](#)
- [SM Filter Insertion Loss \(84KB\)](#)

APPLICATION

- [AN0001 Flexicap Termination \(381KB\)](#)
- [AN0005 Mechanical Cracking \(184KB\)](#)
- [AN0006 Ageing \(357KB\)](#)
- [AN0013 Packaging Labels \(277KB\)](#)
- [RoHS Compliance List \(50KB\)](#)
- [SM Filter Article \(235KB\)](#)
- [Advances in SM Filtering \(208KB\)](#)
- [Filter General Information \(204KB\)](#)