

SYFER TECHNOLOGY LIMITED

A DOVER Company

SYFER

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Surface Mount EMI 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.

C0G and X7R dielectric types are available, providing capacitance values from 22pF to 200nF.

Product Details

Product Code:	0805J1000471MCBE01
Case Size:	0805
Reel Quantity:	Loose
Voltage:	100V
Capacitance:	470pF
Tolerance:	+/-20%
Dielectric:	C0G
Termination:	100% matte Sn finish
RoHS:	Compliant

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



PRODUCT INFO

Select a product related PDF from the list below:

DATA SHEETS

- [EMI Chips - E01 Range \(95KB\)](#)

TECHNICAL

- [Filter Soldering \(59KB\)](#)
- [Dielectric Material \(175KB\)](#)
- [MLCC Packaging \(91KB\)](#)
- [Product Quality & Safety \(102KB\)](#)
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APPLICATION



Ordering Information							
1206	J	050	0223	M	X	T	E01
Chip Size Reference	Termination	Voltage	Capacitance	Tolerance	Dielectric	Packaging	Range
0805	J = Nickel Barrier	050 = 50 volts	Expressed in picofarads (pF).	M= ±20%	C = C0G	T = Taped	E01
1206	Y = FlexiCap™	100 = 100 volts	First digit is 0.		X = X7R	B = Bulk	
1806	A = Nickel Barrier (Tin/Lead)		Second and third digits are significant figures of capacitance code.			R = Large reel	
	H = FlexiCap™ (Tin/Lead)		The fourth digit is number of zeros following.				
			Example: 0223=22,000pF.				

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