Multilayer Ceramic Capacitors
High Voltage SM Capacitors
Leaded Capacitors
Surface Mount EMI Filters
Panel Mount EMI Filters
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X2Y EMI Chips (E03 Range)

The Syfer X2Y Integrated Passive Component is a 3 terminal EMI chip device. The revolutionary design provides simultaneous line-to-line and line-to-ground filtering, using a single ceramic chip. In this way, differential and common mode filtering are provided in one device. Capable of replacing 2 or more conventional devices, it is ideal for balanced lines, twisted pairs and dc motors, in automotive, audio, sensor and other applications.

These filters can prove invaluable in meeting stringent EMC demands, particularly in automotive applications.

(Please note the 0603 type is currently a development item.)

For details of all our EMI filter products, see our latest EMI Filter Catalogue.

For additional information and technical articles, please see our Technical Information section.

Further details may also be found on the X2Y Attenuators LLC website. [Click here]

PRODUCT DETAILS

Product Code:	**1410J0500404MXTE03**
Case Size:	1410
Reel Quantity:	2000
Voltage:	50V
Capacitance:	400nF
Tolerance:	+/ -20%
Dielectric:	X7R
Termination:	100% matte Sn finish
RoHS:	Compliant

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

PRODUCT CODE GENERATOR

Case Size	Termination	Voltage	Capacitance	Tolerance	Dielectric	Packaging
			Loading...			

Product Code: .....

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Ordering Information

1206	J	100	0222	M	X	T	E03
Chip Size Reference 0603 0805 1206 1410 1812 2220	**Termination** J = Nickel Barrier Y = FlexiCap™ A = Nickel Barrier (Tin/Lead) H = FlexiCap™ (Tin/Lead)	**Voltage** 016 = 16 volts 025 = 25 volts 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: 0222=2200pF.	**Tolerance** M= ±20%	**Dielectric** C = C0G X = X7R	**Packaging** T = 178mm (7") reel R = 330mm (13") reel B = Bulk	Balanced Line EMI Chip

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PRODUCT INFO

Select a product related PDF from the list below:

DATA SHEETS
X2Y EMI Chips (177KB)
EMI Filter Catalogue (2.97MB)

TECHNICAL
MLCC Handling & Soldering (170KB)
Dielectric Material (175KB)
MLCC Packaging (91KB)
Product Quality & Safety (102KB)
MLCC Dimensions (53KB)
SM Filter Insertion Loss (84KB)

APPLICATION
SM Filter Article (235KB)
Advances in SM Filtering (208KB)
Filter General Information (204KB)
AN0001 Polymer Termination (381KB)
AN0005 Mechanical Cracking (184KB)
AN0006 Ageing (357KB)
AN0013 Packaging Labels (277KB)
AN0014 X2Y Chip Reliability and Performance Data (432KB)
RoHS Compliance List (50KB)