Common mode Noise Filters

Type: **EXC14CX**

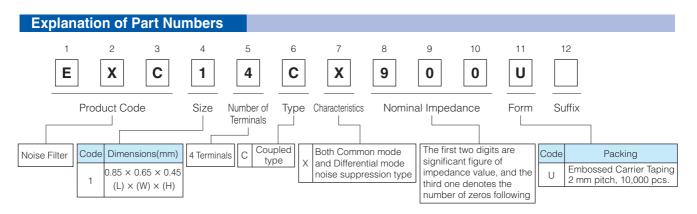


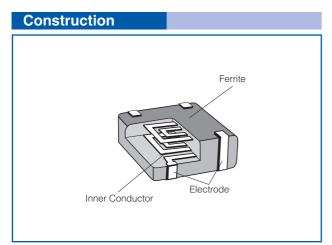
Features

- Small and thin (L 0.85 mm×W 0.65 mm×H 0.45 mm)
- Effective noise suppression of smartphones by eliminating common mode noises and removing differential signal components
- Strong multilayer/sintered structure, excellent reflow resistance and high mounting reliability
- Lead, halogen and antimony-free
- RoHS compliant

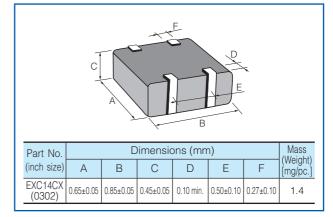
Recommended Applications

- Smartphones, Tablet PCs and DSC
- Noise suppression of high-speed differential data lines such as MIPI, USB and LVDS

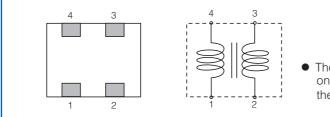




Dimensions in mm (not to scale)



Circuit Configuration (No Polarity)



The pin numbers shown here are for reference purposes only. Confirm the actual pin number arrangement with the exchanged specification documents.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

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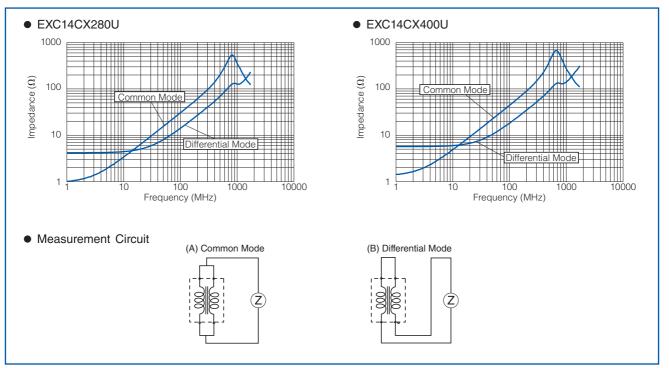
Common mode Noise Filters

Ratings	

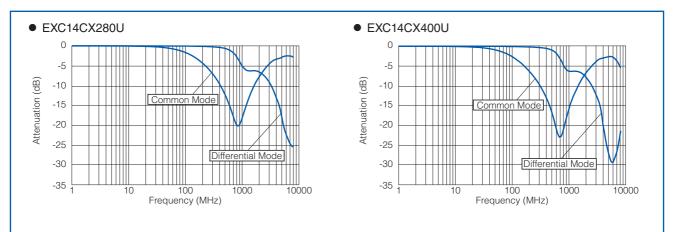
Part Number	Impedance (Ω) at 100 MHz Rated Voltage		Rated Voltage	Rated Current	DC Resistance
Fait Number	Common Mode	Differential Mode	(V DC)	(mA DC)	(Ω) max.
EXC14CX280U	28 Ω±25 %	25 Ω max.	5	100	3.0
EXC14CX400U	40 Ω±25 %	30 Ω max.	5	100	4.0

● Category Temperature Range -40 °C to +85 °C

Impedance Characteristics (Typical)



Attenuation Characteristics (Typical)



■ As for Packaging Methods, Land Pattern, Soldering Conditions and Safety Precautions, Please see Data Files

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