

Common mode Noise Filters

Type: **EXCX4CE**



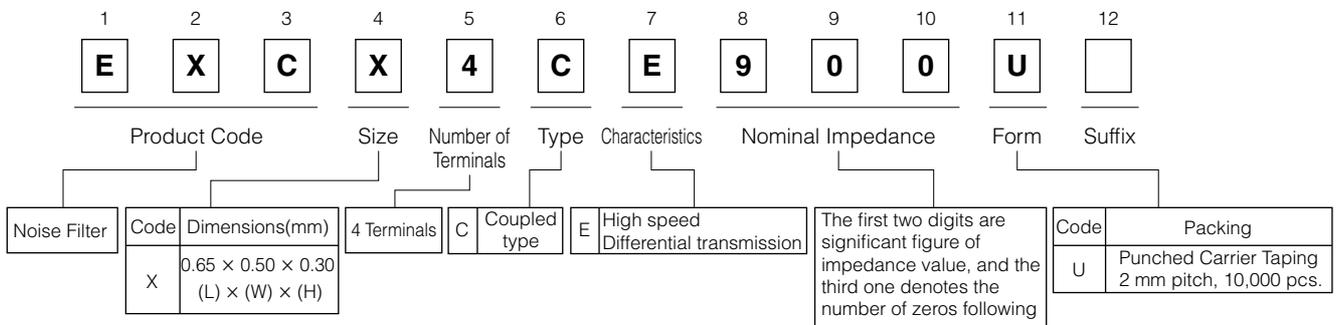
■ Features

- Small size and low-profile
(L 0.65 mm×W 0.50 mm×H 0.30 mm)
- Filtering the noise of high-speed differential signaling lines and minimizing deformations of transmitted signal waveforms
- Rigidly layered and sintered structure with high resistance to reflow heat and mounting reliability
- Lead, halogen, and antimony free
- RoHS compliant

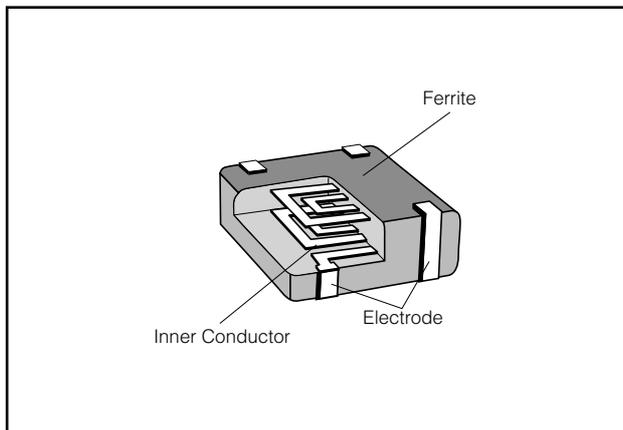
■ Recommended Applications

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

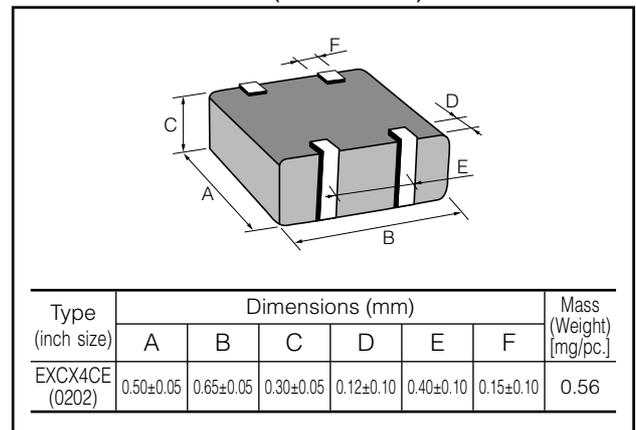
■ Explanation of Part Numbers



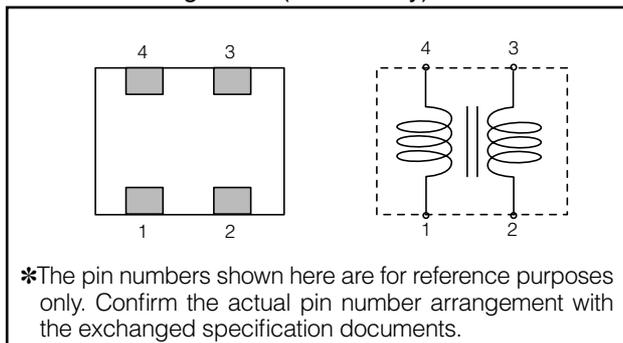
■ Construction



■ Dimensions in mm (not to scale)



■ Circuit Configuration(No Polarity)



NEW

■ Ratings

Part Number	Impedance (Ω) at 100 MHz		Rated Voltage (V DC)	Rated Current (mA DC)	DC Resistance (Ω)
	Common Mode	Differential Mode			
EXCX4CE900U	90 Ω ±20 %	20 Ω max.	5	100	3.2±30 %

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

■ Impedance Characteristics (Typical)

● EXCX4CE900

● Measurement Circuit

(A) Common Mode

(B) Differential Mode

■ Packaging Methods, Land Pattern, Soldering Conditions and Safety Precautions

Please see Related Information