Common mode Noise Filters

Type: **EXCX4CZ**

Features

- Small and thin (L 0.65 mm×W 0.50 mm×H 0.30 mm)
- High-common mode attenuation at 2.4GHz, Suitable for noise suppression at Wi-Fi band
- 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
- Suppresses noise radiation to Wi-Fi Equipment

Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	X	4	C	Z	2	0	0	X	
Product Code			Size	Number of Terminals	Type	Characteristics	Nominal Impedance			Form	Suffix

Product Code: Noise Filter

Size

Code	Dimensions(mm)
X	0.65 × 0.50 × 0.30 (L) × (W) × (H)

Number of Terminals: 4 Terminals

Type: C Coupled type

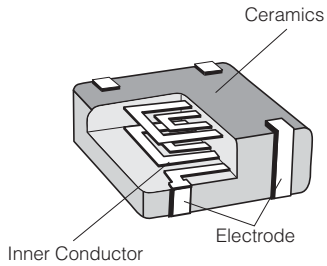
Characteristics: Z Wide band width, high attenuation

Nominal Impedance: The first two digits are significant figure of impedance value, and the third one denotes the number of zeros following

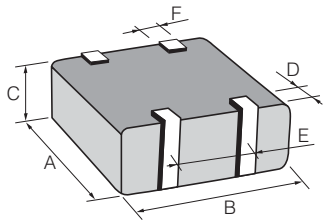
Form / Suffix

Code	Packing
X	Pressed Carrier Taping 2 mm pitch, 10,000 pcs.

Construction

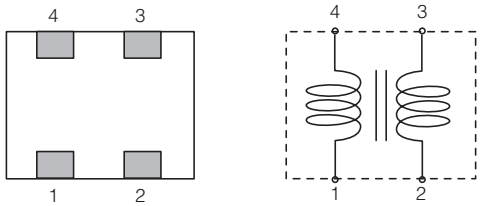


Dimensions in mm (not to scale)



Part No. (inch size)	Dimensions (mm)						Mass (Weight) [mg/pc.]
	A	B	C	D	E	F	
EXCX4CZ (0202)	0.50±0.05	0.65±0.05	0.30±0.05	0.12±0.10	0.40±0.10	0.15±0.10	0.28

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.

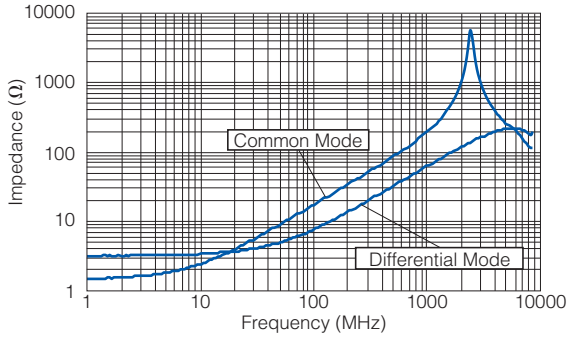
Ratings

Part Number	Impedance (Ω) at 100 MHz	Rated Voltage (V DC)	Rated Current (mA DC)	DC Resistance (Ω)max.
	Common Mode			
EXCX4CZ200X	20 Ω±30 %	10	100	3.0±30 %

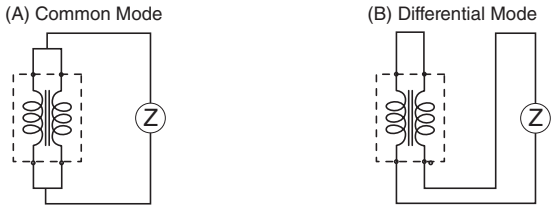
- Category Temperature Range –40 °C to +85 °C

Impedance Characteristics (Typical)

- EXCX4CZ200X

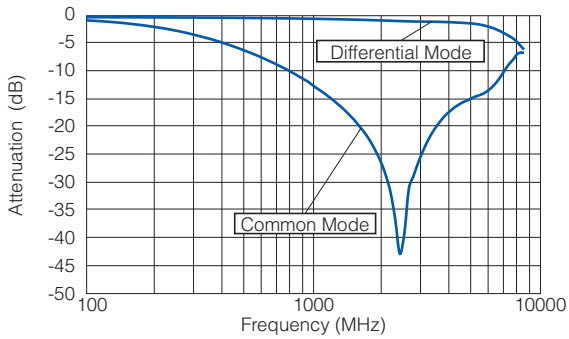


- Measurement Circuit



Attenuation Characteristics (Typical)

- EXCX4CZ200X



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

Mouser Electronics

Authorized Distributor

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Panasonic:
EXC-X4CZ200X