

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

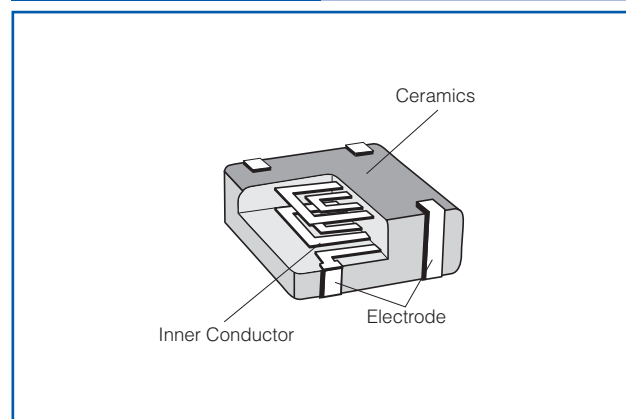
Recommended Applications

- Smartphones, Tablet PCs and DSC
- Suppresses noise radiation to Wi-Fi Equipment

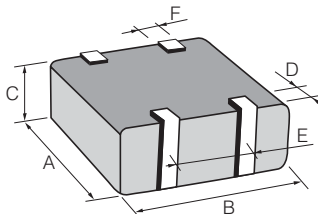
Explanation of Part Numbers

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
Noise Filter	Code	Dimensions(mm)	4 Terminals	C	Coupled type	Z	Wide band width, high attenuation			The first two digits are significant figure of impedance value, and the third one denotes the number of zeros following	
	X	0.65 × 0.50 × 0.30 (L) × (W) × (H)								Code	Packing
										X	Pressed Carrier Taping 2 mm pitch, 10,000 pcs.

Construction

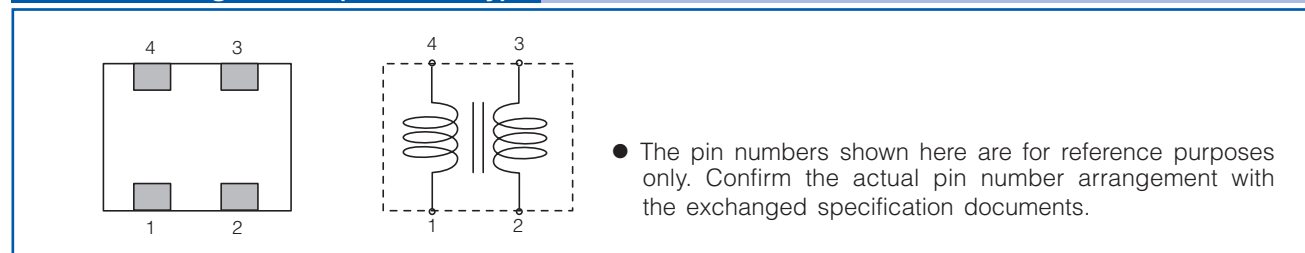


Dimensions in mm (not to scale)



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)



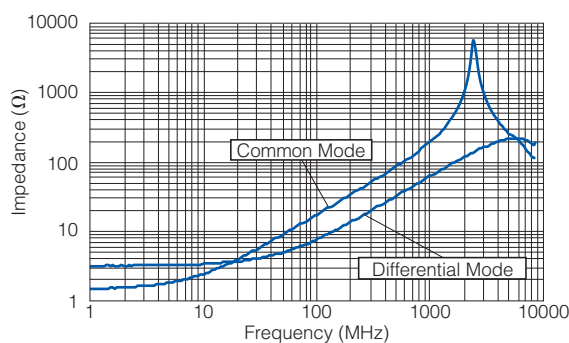
Ratings

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

- Category Temperature Range -40°C to $+85^{\circ}\text{C}$

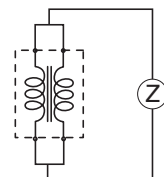
Impedance Characteristics (Typical)

- EXCX4CZ200X

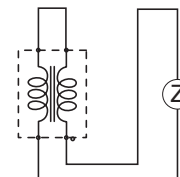


- Measurement Circuit

(A) Common Mode

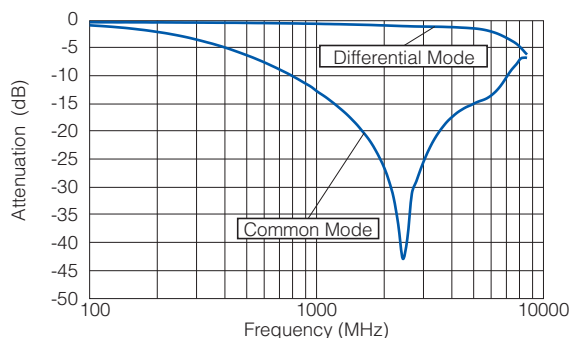


(B) Differential Mode



Attenuation Characteristics (Typical)

- EXCX4CZ200X



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Panasonic:](#)

[EXC-X4CZ200X](#)