

## 2 mode Noise Filters

Type: **EXC24CB/CP**  
**EXC24CN**

### ■ Features

- Burst/radiation noise filtering for audio circuits
- The optimally magnetic-coupled ferrite beads allow for the filtering of both common and normal mode noises
- The strong multi-layer structure provides high resistance to reflow soldering heat and a high mounting reliability
- Magnetic shield type
- High Impedance : 220 to 1 k $\Omega$  (EXC24CB type)
- Low Resistance Value : 0.4  $\Omega$  max. (EXC24CP type)
- High Impedance : 600  $\Omega$ ,  
Low Resistance Value : 0.9  $\Omega$  max. (EXC24CN type)
- RoHS compliant

### ■ Recommended Applications

- Receiver lines, speaker lines, microphone lines and headset of mobile phones.
- Audio signal lines of Portable audio equipment, PCs, PDAs.

### ■ Explanation of Part Numbers

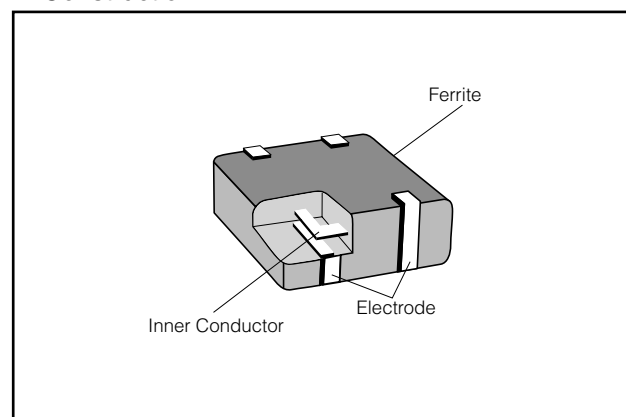
#### ● EXC24CB/CP Type

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	2	4	C	B	1	0	2	U	
Product Code			Size	Number of Terminals	Type	Characteristics	Nominal Impedance			Form	Suffix
Noise Filter	Code	Dimensions(mm)	4 Terminals	C	Coupled type	B High Impedance Type P Low DCR Type	The first two digits are significant figure of impedance value, and the third one denotes the number of zeros following			Code	Packing
	2	1.25 × 1.00 × 0.50 (L) × (W) × (H)								U	Embossed Carrier Taping

#### ● EXC24CN Type

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	2	4	C	N	6	0	1	X	
Product Code			Size	Number of Terminals	Type	Characteristics	Nominal Impedance			Form	Suffix
Noise Filter	Code	Dimensions(mm)	4 Terminals	C	Coupled type	N High Impedance Type and Low DCR Type	The first two digits are significant figure of impedance value, and the third one denotes the number of zeros following			Code	Packing
	2	1.25 × 1.00 × 0.50 (L) × (W) × (H)								X	Pressed Carrier Taping

### ■ Construction



### ■ Dimensions in mm (not to scale)

Type (inch size)	Dimensions (mm)						Mass (Weight) (mg/pc.)
	A	B	C	D	E	F	
EXC24C (0504)	1.00±0.15	1.25±0.15	0.50±0.10	0.20±0.15	0.65±0.10	0.35±0.10	3