

Common mode Noise Filters

Type: **EXC24CE**
EXC24CF

Features

- Reduce the common mode noise and reform the signal wave by high-coupled inductors
- The strong multi-layer structure provides high resistance to reflow soldering heat and a high mounting reliability
- Magnetic shield type
- High-Q impedance : EXC24CF type is also available
- Small size and low-profile
(L 1.25 mm×W 1.00 mm×H 0.50 mm)
- RoHS compliant

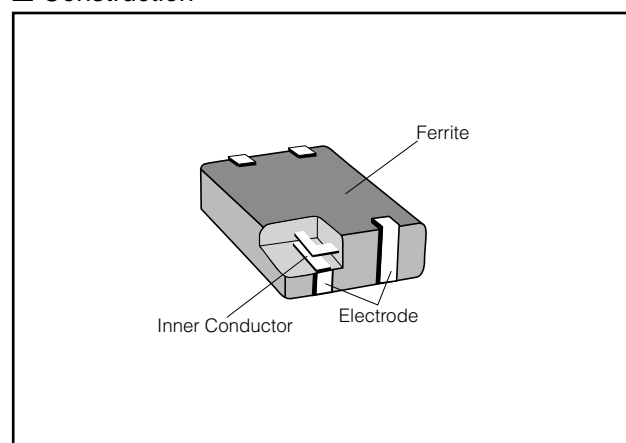
Recommended Applications

- USB data lines such as PCs, DSC, Mobile phone.
- LVDS data lines such as PCs, TV.
- IEEE1394 data lines such as PCs, TV.

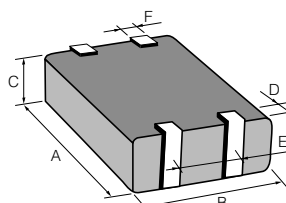
Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	X	C	2	4	C	E	9	0	0	U	
Product Code			Size	Number of Terminals	Type	Characteristics	Nominal Impedance			Form	Suffix
Noise Filter	Code	Dimensions(mm)	4 Terminals	C	Coupled type	E High speed Differential transmission (for Mbps) F High speed Differential transmission (for Mbps) High-Q 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 4 mm pitch, 5,000 pcs.

Construction



Dimensions in mm (not to scale)



Type (inch size)	Dimensions (mm)						Mass (Weight) [mg/pc.]
	A	B	C	D	E	F	
EXC24CE/CF (0504)	1.25±0.15	1.00±0.15	0.50±0.10	0.20±0.15	0.55±0.10	0.30±0.10	3

Circuit Configuration(No Polarity)

