

Using breakthrough technology,  
we aim for products that will create new markets.

## New Product News

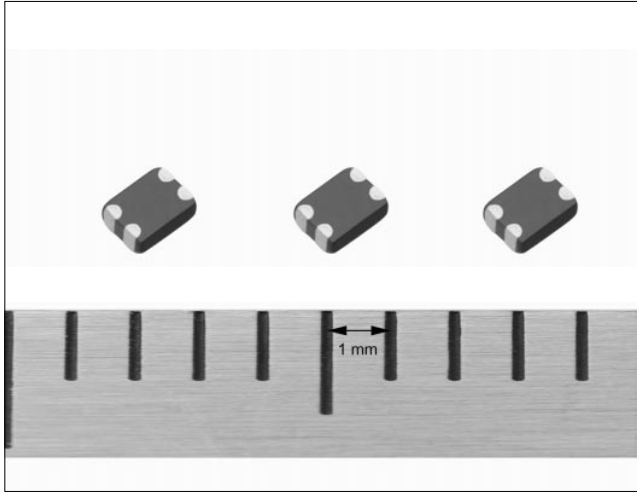
The industry's smallest size and lightweight. Expansion of product range

### EMI Filter

### Common mode Noise Filter

Industry/Field: AV, Mobile communications, OA / Information, Amusement, Electronic instruments

## Common mode noise filter of the industry's smallest size and lightest weight



#### Development Target:

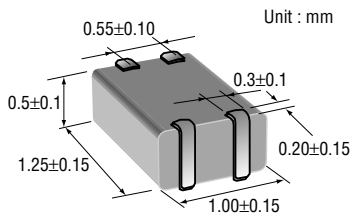
Noise suppression for wired network USB 2.0 (differential transmission circuits) of mobile devices and LCD module of differential signal adoption

#### Features:

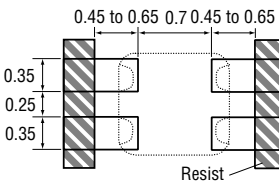
- 1 Noise suppression filters realize the industry's smallest size (L)1.25 × (W)1.0 × (H)0.5 mm and lightest weight (about 3mg)
- 2 Effective noise suppression for circuits of high speed differential signal
- 3 Magnetic shielded type

Number of industrial property rights: 2(Pending)

#### Construction:

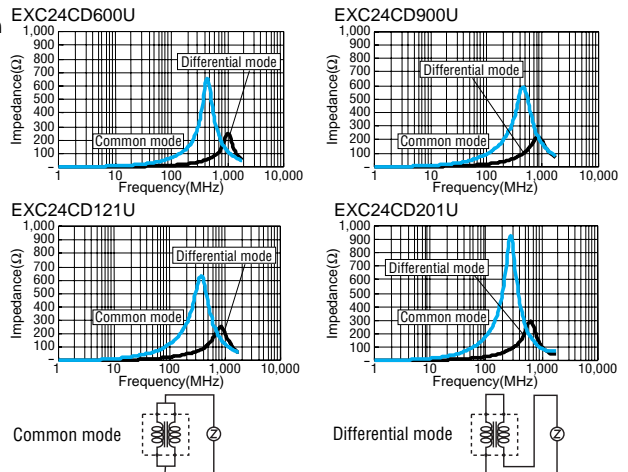


#### Recommended Land Pattern



Part No.	Impedance (Ω) at 100MHz		Rated Voltage (V DC)	Rated Current (mA DC)	DC R. (Ω) max.
	Common mode	Differential mode			
EXC24CD600U	60 typ.	20 max.	5	160	2.0
EXC24CD900U	90 typ.	30 max.	5	160	2.0
EXC24CD121U	120 typ.	35 max.	5	140	2.0
EXC24CD201U	200 typ.	40 max.	5	130	3.0

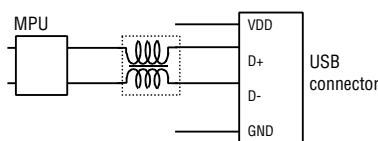
#### Characteristics/specifications:



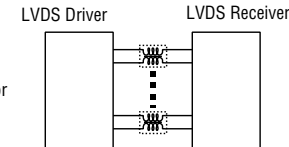
#### Applications/usage examples:

- Noise Suppression for USB 2.0 circuits of mobile devices, such as DSCs, Notebook PCs.
- Noise Suppression for LCD module of differential signal adoption.

#### For USB data line



#### For LVDS data line



#### Explanation of part numbers:

