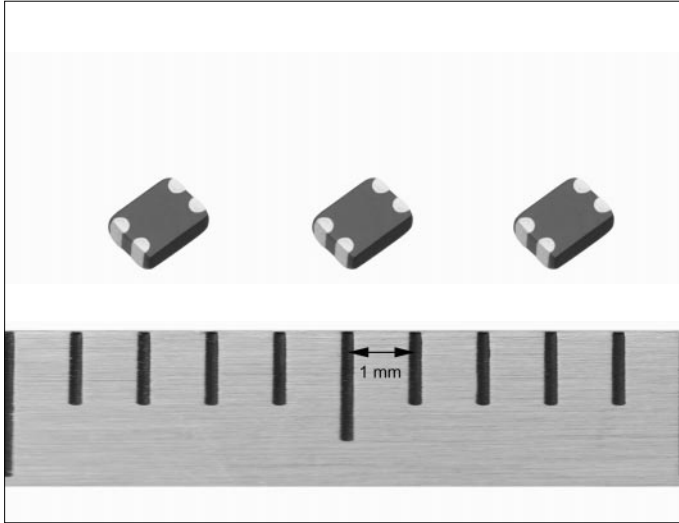


Using breakthrough technology,
we aim for products that will create new markets.

New Product News

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

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



EMI Filter

Common mode Noise Filter

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

Development Target:

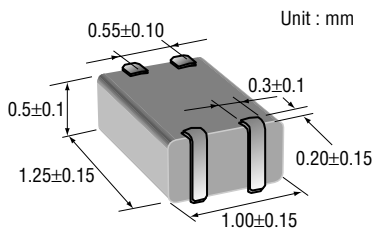
Noise suppression for wired network USB 2.0 (differential transmission circuits) of mobile devices and LCD module of differential signal adoption

Features:

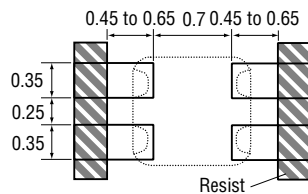
- ① Noise suppression filters realize the industry's smallest size (L)1.25 × (W)1.0 × (H)0.5 mm and lightest weight (about 3mg)
- ② Effective noise suppression for circuits of high speed differential signal
- ③ Magnetic shielded type

Number of industrial property rights: 2(Pending)

Construction:

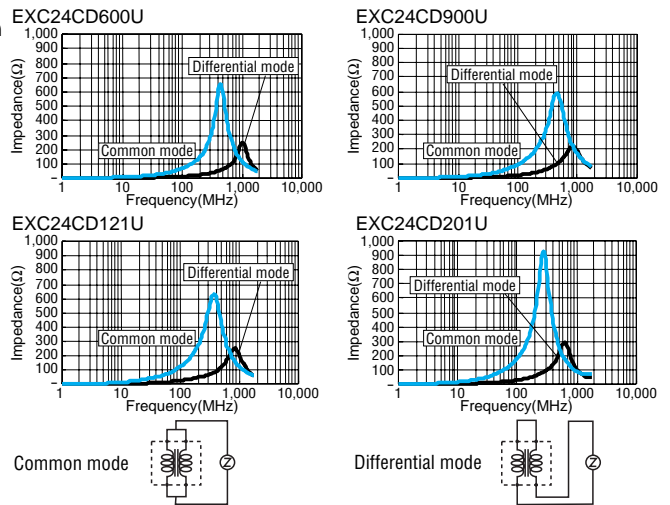


Recommended Land Pattern



Characteristics/specifications:

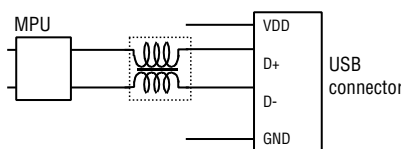
Part No.	Impedance (Ω) at 100MHz		Rated Voltage (V DC)	Rated Current (mA DC)	DC R. (Ω) max.
	Common mode	Differential mode			
EXC24CD600U	60 typ.	20 max.	5	160	2.0
EXC24CD900U	90 typ.	30 max.	5	160	2.0
EXC24CD121U	120 typ.	35 max.	5	140	2.0
EXC24CD201U	200 typ.	40 max.	5	130	3.0



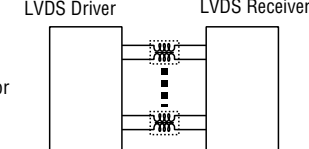
Applications/usage examples:

- 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:

