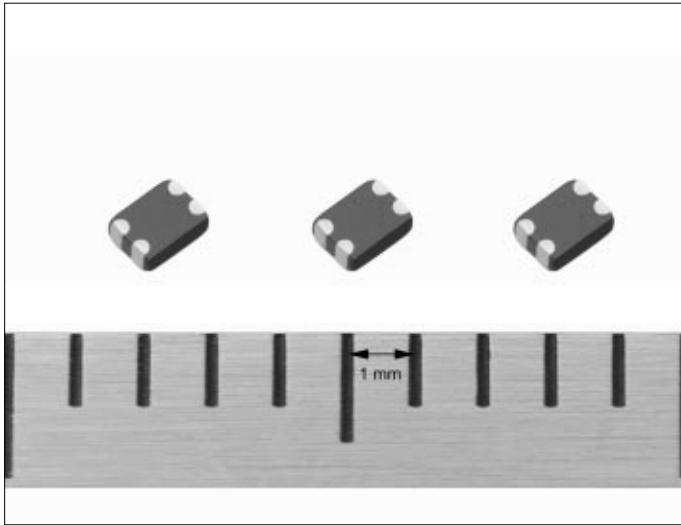


*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

The industry's smallest size and lightweight

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:

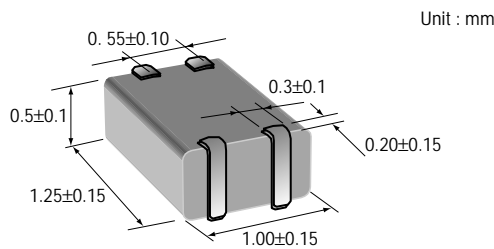
Noise suppression for wired network USB 2.0 (differential transmission circuits) of mobile devices and LCD module of differential signal adoption

Features:

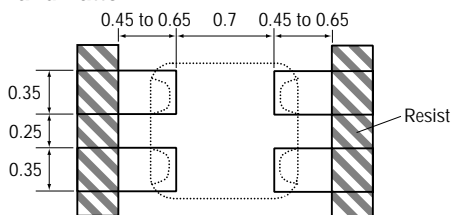
- ① Noise suppression filters realize the industry's smallest size (L)1.25 × (W)1.0 × (H)0.5 mm and lightest weight (about 3mg)
- ② Effective noise suppression for circuits of high speed differential signal
- ③ Magnetic shielded type

Number of industrial property rights: 2(Pending)

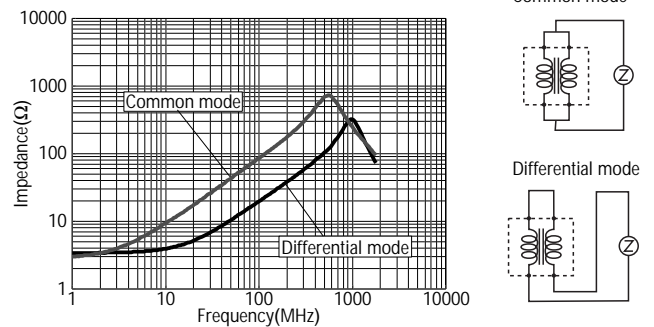
Construction:



Recommended Land Pattern



Characteristics/specifications:

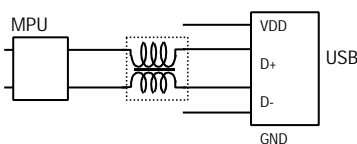


| Part No. | Impedance (Ω) at 100MHz | | Rated Voltage (V DC) | Rated Current (mA DC) | DC R. (Ω) max. |
|-------------|-------------------------|-------------------|----------------------|-----------------------|----------------|
| | Common mode | Differential mode | | | |
| EXC24CD900U | 90(Ω) Typ. | 30(Ω)max. | 5 | 100 | 2.0 |

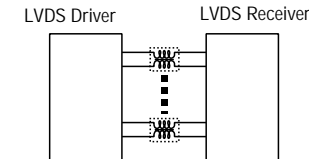
Applications/usage examples:

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

For USB data line



For LVDS data line



Explanation of part numbers:

