

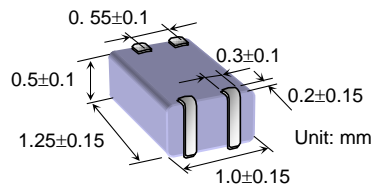
Common Mode Noise Filter EXC24CE Series



Appearance



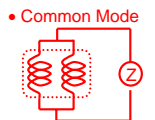
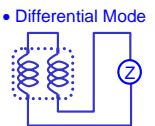
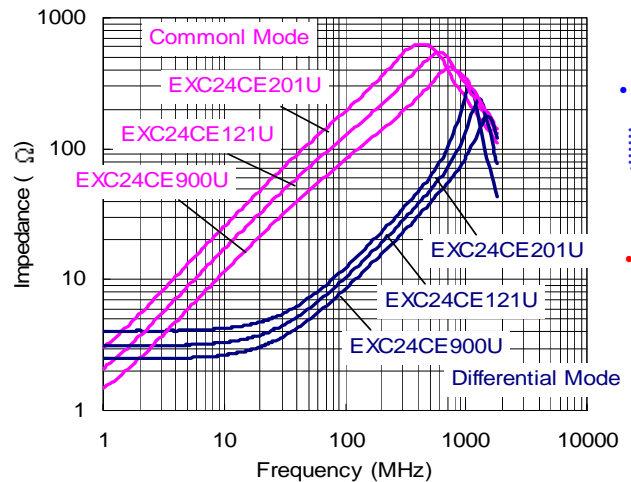
Dimension



Specification

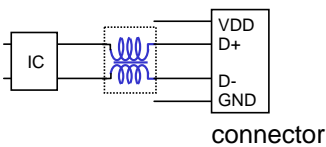
Part No.	Impedance (Ω) at 100MHz		Rated Voltage (V DC)	Rated Current (mA)	DCR (Ω) max.
	Common	Differential			
EXC24CE900U	90 typ.	15 max.	5	160	1.75
EXC24CE121U	120 typ.	18 max.	5	140	2.20
EXC24CE201U	200 typ.	20 max.	5	130	2.70

Impedance (Typical)

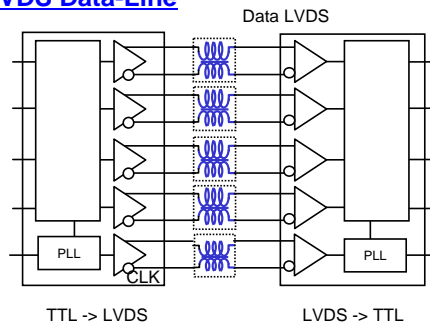


Applications

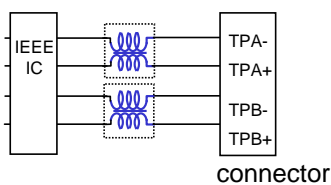
USB 2.0 Data-Line



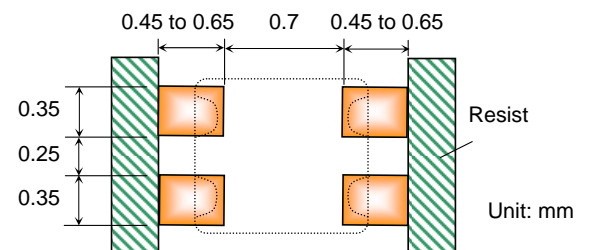
LVDS Data-Line



IEEE1394 Data-Line



Recommended Land Pattern

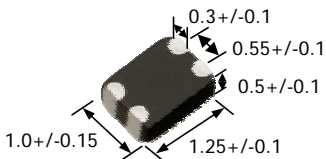


Circuit Components Business Unit / Panasonic Electronic Devices Co., Ltd.

0504 Common mode noise filter (Low DCR type)

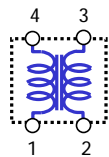
Panasonic
ideas for life

Appearance



Unit:mm

Inner circuit



Feature

NEW

- 0504 small and thin:0.5mm size
- **Low DC-resistance (0.6 ohm typ. ,1.0 ohm-max.)**
- Realize the common mode noise and reform the signal wave.
- Realize the high reliability and mounting by the multi-layer structure.

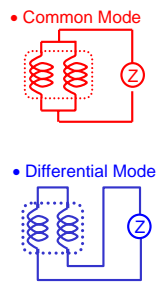
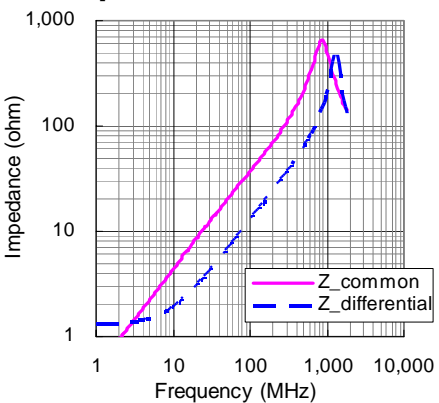
Trial electrical characteristics (typical)

Trial No.	Impedance (ohm) at 100MHz		Rated Voltage (V DC)	Rated Current (mA)	DCR ohm
	Common	Differential			
EXC24CE360UP	36typ.	20 max.	5	200	1.0 max.

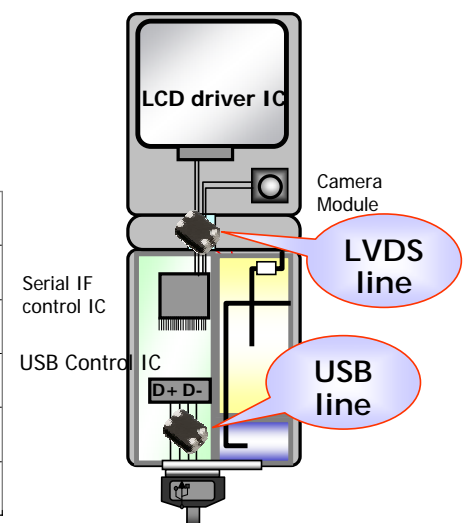
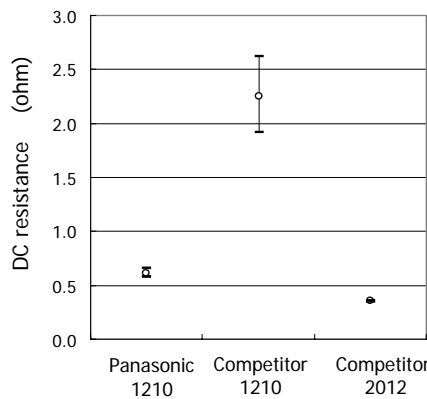
Example of Applications)

- **USB Data line**
- **LVDS line**

Impedance characteristics (typical)



VS DC Resistance



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June, 2006