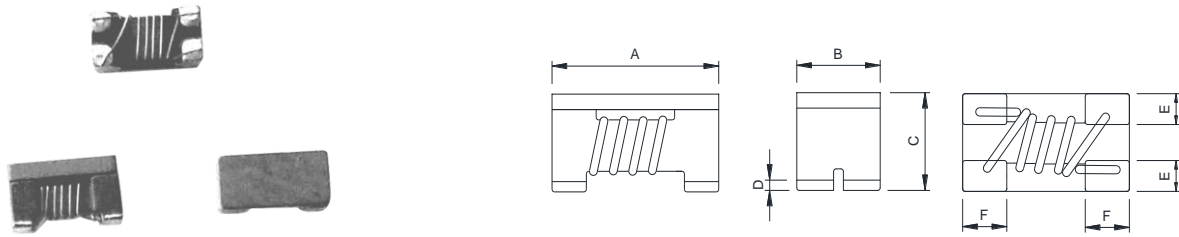


## Common Mode Choke - YFD1210AT Series

### EXTERNAL DIMENSIONS

(Unit: mm)



TYPE	A	B	C	D	E	F
YFD1210AT	1.2±0.1	1.0±0.1	0.9±0.2	0.1±0.05	0.36 Typ.	0.36 Typ.

Part Number	Common Mode Impedance(Ω) @ 100MHz	Idc(mA) (Max.)	DCR(Ω) (Max.)	Rated Voltage (Typ.)	Withstanding Voltage (Typ.)	Insulation Resistance (Min.)	Cut-off Frequency (Typ.)
YFD1210AT-670S	67	300	0.40				
YFD1210AT-900S	90	280	0.50				
YFD1210AT-121S	120	270	0.55				
YFD1210AT-161S	160	260	0.58	20 Vdc	----	10 MΩ	1.0 GHz
YFD1210AT-181S	180	260	0.60				
YFD1210AT-251S	250	230	0.70				
YFD1210AT-331S	330	200	0.80				

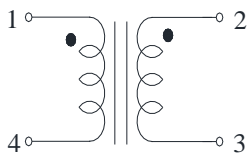
### Features

- Although greatly miniaturized, this wire-wound chip-type filter maintains the characteristic needed for a common mode filter. Common mode impedance is 1000 [at 100MHz], so this filter is greatly effective in supporting noise.
- Almost no affect upon even high speed signals since differential mode impedance is kept low.
- This series includes both 2-line types. They are used for various types of circuits and noise.

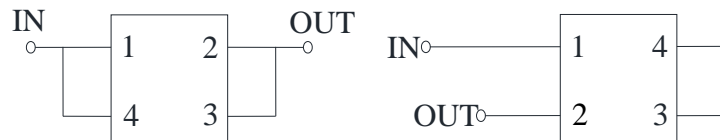
### Applications

- Used for radiation noise suppression for any electronic devices
- Used to counter common mode noise affecting signals within high-speed lines.
- USB line for personal computers and peripheral equipment.
- IEEE 1394 line for personal computers, DVC, STB, etc.
- LVDS, panel link line for liquid crystal display panels.

### Schematic



### Test Mode



SMT