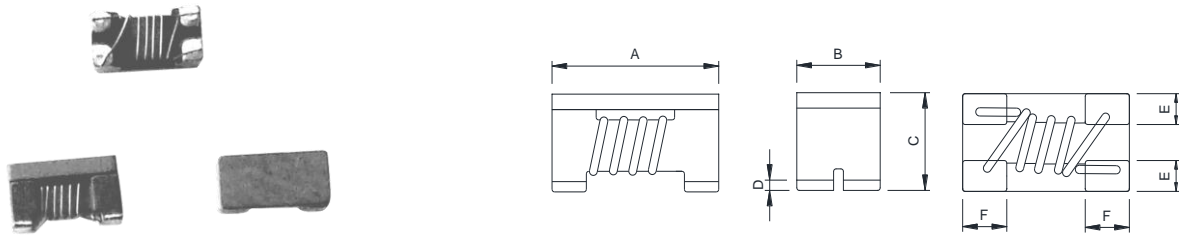


Common Mode Choke – YFD2012AT Series

EXTERNAL DIMENSIONS

(Unit: mm)



TYPE	A	B	C	D	E	F
YFD2012AT	2.0±0.2	1.2±0.2	1.2±0.2	0.2±0.1	0.40 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.)
YFD2012AT-670S	67	400	0.25				
YFD2012AT-900S	90	400	0.30				
YFD2012AT-121S	120	350	0.30				
YFD2012AT-161S	160	350	0.30				
YFD2012AT-181S	180	330	0.35	50Vdc	125Vdc	10 MΩ	1.0 GHz
YFD2012AT-221S	220	330	0.35				
YFD2012AT-261S	260	300	0.40				
YFD2012AT-361S	360	280	0.40				

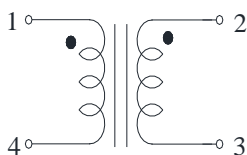
Features

- 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.

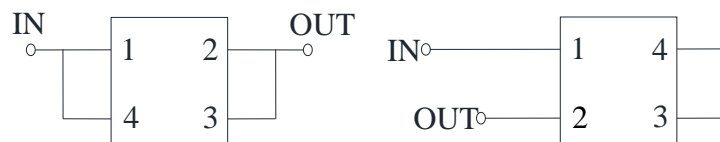
Applications

- 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