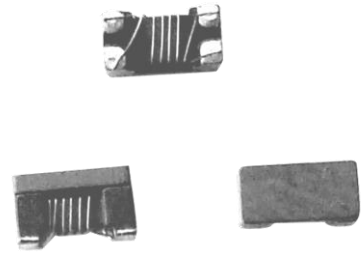
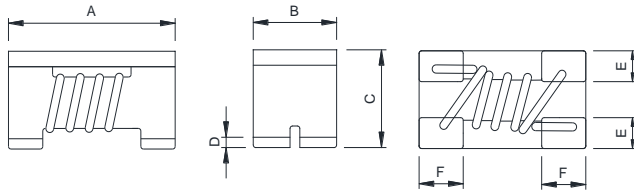


Common Mode Choke – YFD1210ST Series

EXTERNAL DIMENSIONS

(Unit: mm)



TYPE	A	B	C	D	E	F
YFD1210ST	1.20±0.2	1.00±0.2	0.9±0.2	0.1±0.05	0.36 Typ.	0.33 Typ.

Part Number	Z(Ω) Common Mode Impedance at 100MHz	Idc(mA) (Max.)	DCR(Ω) (Max.)	Rated Voltage Vdc (V)Typ.	Characteristic Resistance (Ω)	Insulation Resistance (MΩ)Min.	Cut-off Frequency (GHz)Typ.
YFD1210ST-250S	25	300	0.30	20	90	10	7.5
YFD1210ST-600S	60	300	0.40	20	90	10	7.5
YFD1210ST-900S	90	280	0.50	20	90	10	7.5

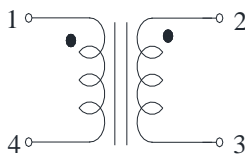
Features

- These are a series of broadband common mode filters developed for high-speed differential signal interfaces, such as DVI and HDMI™.
- The characteristic impedance is approximated to 100Ω, conforming to the TDR standard for HDMI™.

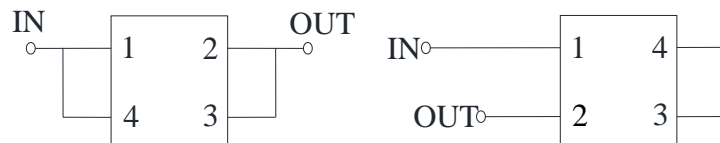
Applications

- For digital video signal interfaces DVI (UXGA) used in PCs and other devices/High-speed differential signal interfaces for USB 3.0, IEEE1394 and Serial ATA.

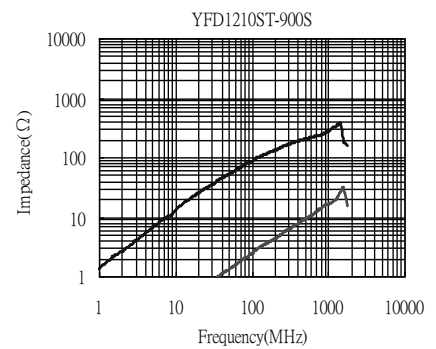
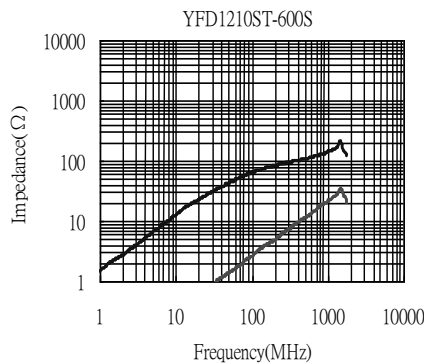
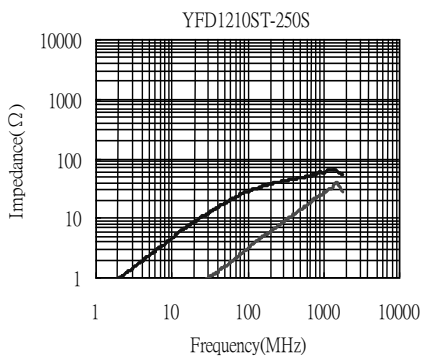
Schematic



Test Mode



Impedance vs. Frequency



SMT