



**FEATURES**

- ◆ Winding type and low profile
- ◆ Prevention of common mode noise at high frequency
- ◆ 67Ω~180Ω are optional for different noise level and signal frequency



**APPLICATIONS**

- ◆ USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- ◆ LVDS lines of Note PC, LCD
- ◆ Audio lines

**PRODUCT IDENTIFICATION**

HSWC    :    FC    2012    T    2    -900    F    XX  
                   A                    B                    C                    D                    E                    F                    G                    H

A

Type	
HSWC	Winding Type Common Mode Choke Coil

B

F	Feature Code
F= ferrite	C= Coating

C

External Dimensions (L×W) (mm)	
2012[0805]	2.0x1.3

D

Packing
Tape & Reel

E

Number of Lines
2

F

Impedance	
Example	Nominal Value
900	90Ω

G

Hazardous Substance Free Products
F

H

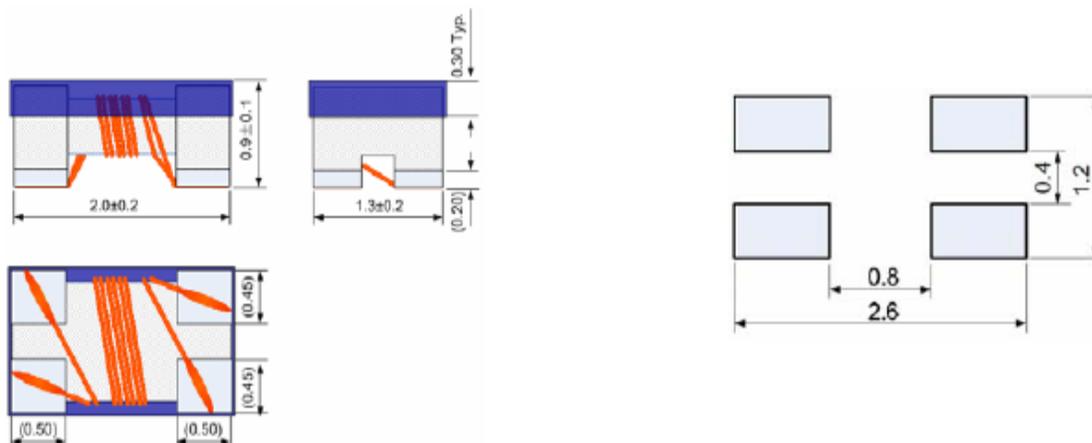
Internal Code
XX

The data is reference only. Customers should verify actual device performance in their specific applications. Specifications are subject to change without notice. Please check our website for latest information.  
<http://www.ftind.com>



## SHAPE AND DIMENSIONS

### HSWC-FC2012 TYPE



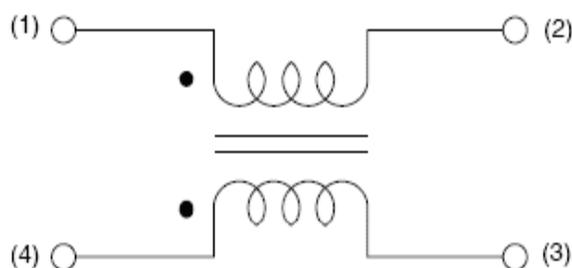
## SPECIFICATIONS

### HSWC-FC2012 TYPE

Part Number	Common Mode Impedance @100MHz	Max. Dc Resistance	Max. Rated Current	Rated Voltage	Min. Insulation Resistance
Units	$\Omega$	$\Omega$	mA	Volts	M $\Omega$
Symbol	Z	DCR	I <sub>r</sub>	VDC	IR
HSWC-FC2012T2-670F	67±25%	0.35	330	50	10
HSWC-FC2012T2-900F	90±25%	0.35	330	50	10
HSWC-FC2012T2-121F	120±25%	0.45	280	50	10
HSWC-FC2012T2-181F	180±25%	0.50	250	50	10

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

## EQUIVALENT CIRCUIT

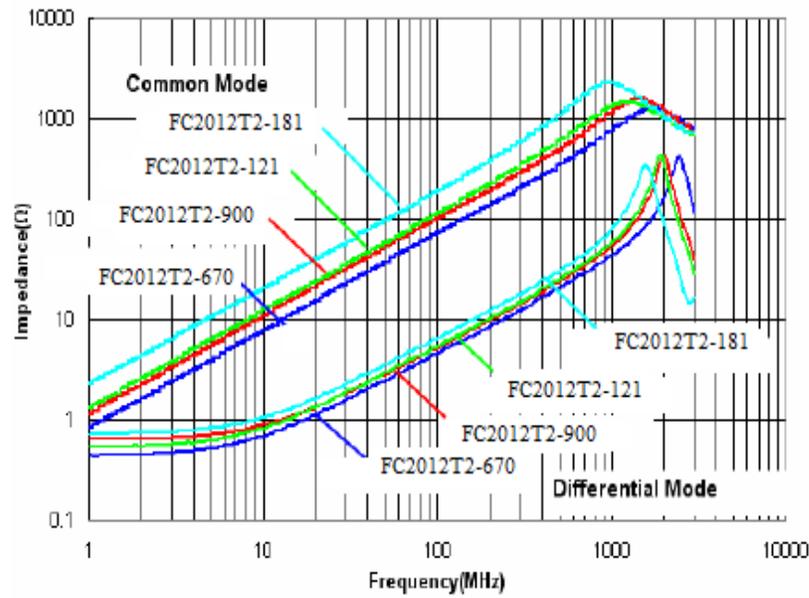


The data is reference only. Customers should verify actual device performance in their specific applications. Specifications are subject to change without notice. Please check our website for latest information.  
<http://www.ftind.com>



## TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency



The data is reference only. Customers should verify actual device performance in their specific applications. Specifications are subject to change without notice. Please check our website for latest information.  
<http://www.ftind.com>