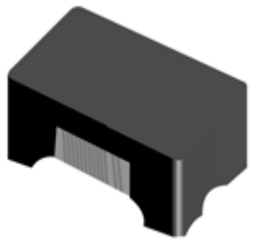
Wire Wound Chip Common Mode Choke Coil HSWC FH Series



FEATURES

- Winding type realizes small size and low profile
- Suppress noise for the high-speed differential signal lines
- Excellent solderability

APPLICATIONS

- High speed differential signal lines for HDMI, DVI, etc.

PRODUCT IDENTIFICATION

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

A

Type	
HSWC	Winding Type Common Mode Choke Coil

B

Material
ferrite

C

Feature code	
H	High Speed differenctial singal lines

D

External Dimensions (L×W) (mm)	
1210[0504]	1.2x1.0
2012[0805]	2.0x1.2

E

Packing
Tape & Reel

F

Number of Lines
2

G

Impedance	
Example	Nominal Value
900	90Ω

H

Hazardous Substance Free Products
F

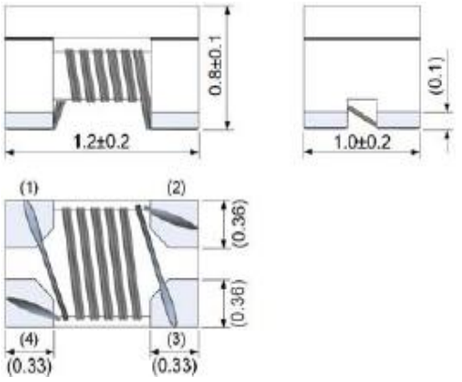
I

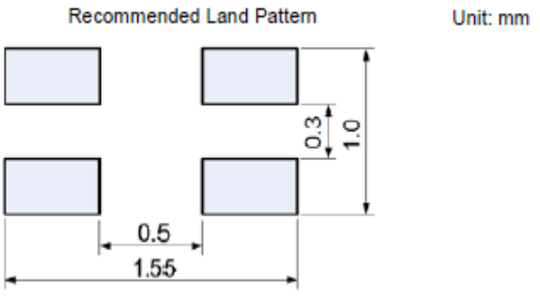
Internal Code
XX

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

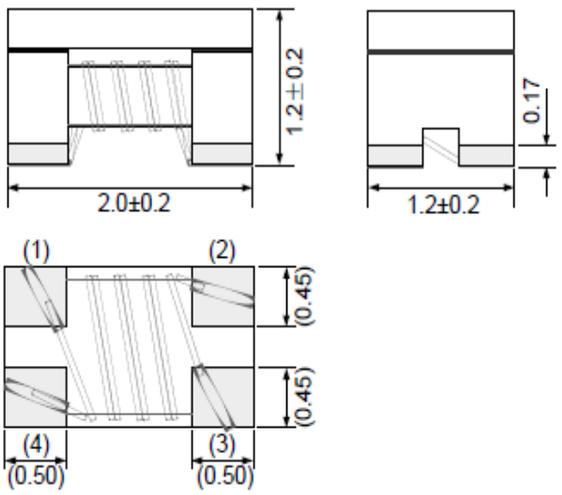
SHAPE AND DIMENSIONS

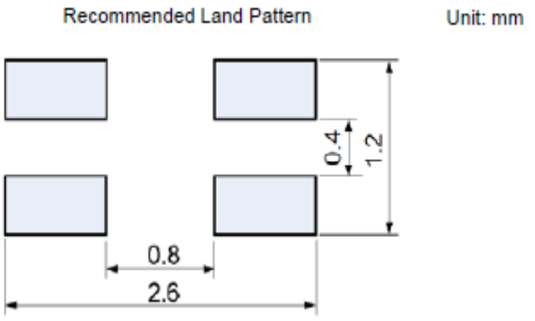
HSWC-FH1210 TYPE





HSWC-FH2012 TYPE





SPECIFICATIONS

HSWC-FH1210 TYPE

Part Number	Common Mode Impedance @100MHz	Max. Dc Resistance	Max. Rated Curent	Rated Voltage	Min.Insulation Resistance
Units Symbol	Ω Z	Ω DCR	mA Ir	Volts VDC	MΩ IR
HSWC-FH1210T2-350F	35±25%	0.32	320	20	10
HSWC-FH1210T2-900F	90±25%	0.50	280	20	10

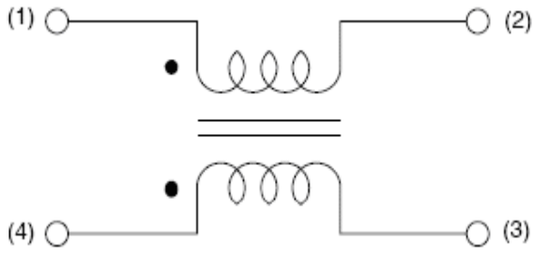
SPECIFICATIONS

HSWC-FH2012 TYPE

Part Number	Common Mode Impedance @100MHz	Max. Dc Resistance	Max. Rated Curent	Rated Voltage	Min.Insulation Resistance
Units Symbol	Ω Z	Ω DCR	mA Ir	Volts VDC	MΩ IR
HSWC-FH2012T2-670F	67±25%	0.3	320	20	10
HSWC-FH2012T2-900F	90±25%	0.4	280	20	10
HSWC-FH2012T2-121F	120±25%	0.4	280	20	10

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

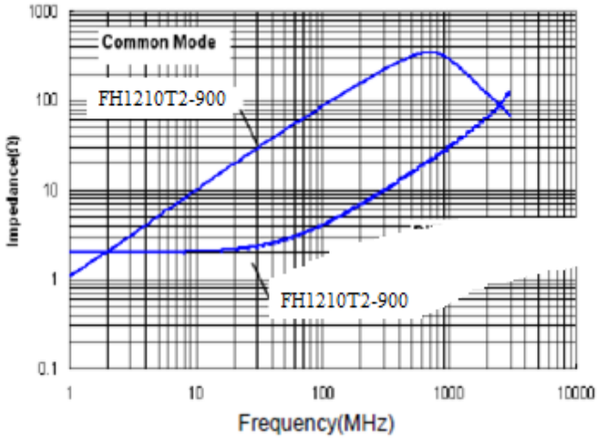
EQUIVALENT CIRCUIT



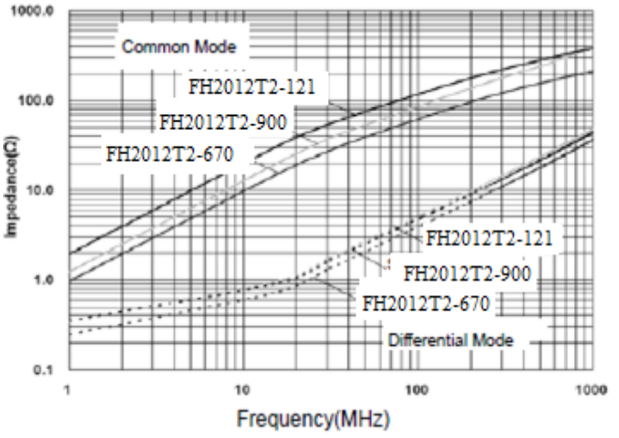
TYPICAL ELECTRICAL CHARACTERISTICS

Impedance vs. Frequency

HSWC-FH1210T2 TYPE

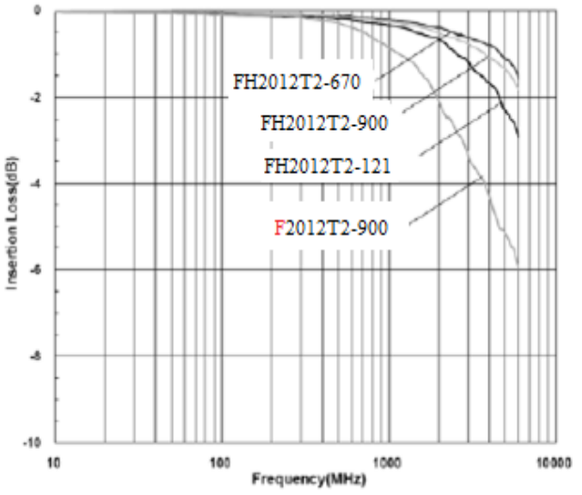


HSWC-FH2012T2 TYPE



Insertion Loss

HSWC-FH2012T2 TYPE



Differential Mode Impedance Characteristics

HSWC-FH2012T2-900F TYPE