

DLW21SN670HQ2#

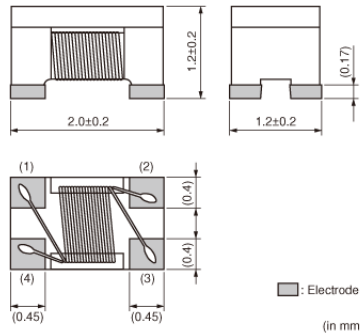
“#” indicates a package specification code.



< List of part numbers with package codes >

DLW21SN670HQ2L DLW21SN670HQ2B

Appearance & Shape



Features

1. Small size: 2.0x1.2x1.2mm
2. Common mode noise items of 67, 90 and 120 ohm, and they can be used for various differential signal lines, DLW21SN_HQ/DLW21SZ_HQ/DLW21SR_HQ series matches line impedance of 100 ohm line.
3. This series can suppress noise for the high-speed differential signal lines which are used in digital AV interfaces, such as HDMI and DVI, without damage to the signal wave.
4. DLW21SR670HQ2 is designed to correct line impedance when ESD protection device is also used.

Applications

Common mode noise suppression of high speed differential signal lines for HDMI, DVI, USB2.0, IEEE1394, LVDS.

1. DVD Recorders
2. LCD TVs, LCD monitors
3. PCs

DLW21SR_HQ Series is suitable for receiver side of HDMI interface line.

Applications

Other Usage	For general
-------------	-------------

Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	2000
B	Bulk(Bag)	500

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

DLW21SN670HQ2#

“#” indicates a package specification code.



Specifications

Shape	SMD	Insulation Resistance(min.)	10MΩ
Size Code (in mm)	2012	Operating Temperature Range	-40°C to 85°C
Size Code (in inch)	0805	Mass(typ.)	0.011g
Length	2.0mm	Number of Circuit	1
Length Tolerance	±0.2mm	Operating Temperature Range(Self-temperature rise is included)	No
Width	1.2mm		
Width Tolerance	±0.2mm		
Thickness	1.2mm		
Thickness Tolerance	±0.2mm		
Common Mode Impedance (at 100MHz)	67Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	320mA		
Derating of Rated Current	No		
Rated Voltage	20Vdc		
Withstanding Voltage	50Vdc		
DC Resistance(max.)	0.31Ω		
DC Resistance	0.31Ω max.		

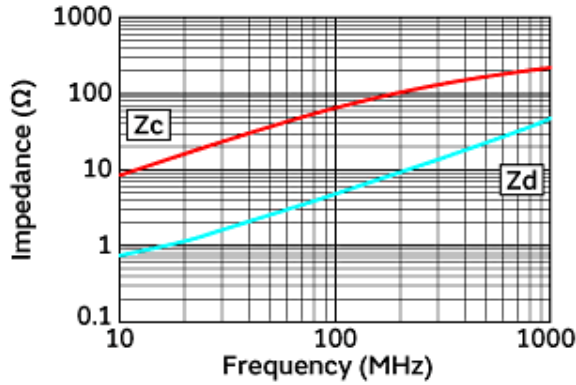
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

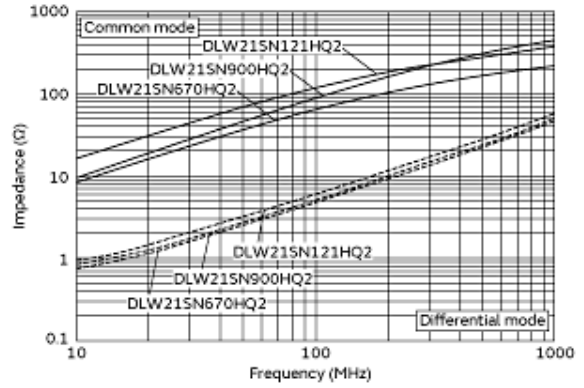
DLW21SN670HQ2#

"#" indicates a package specification code.

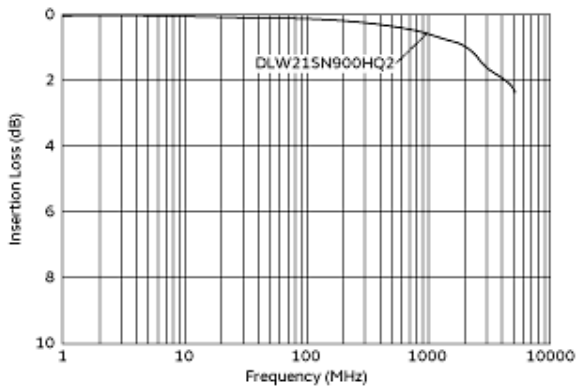
Product Data



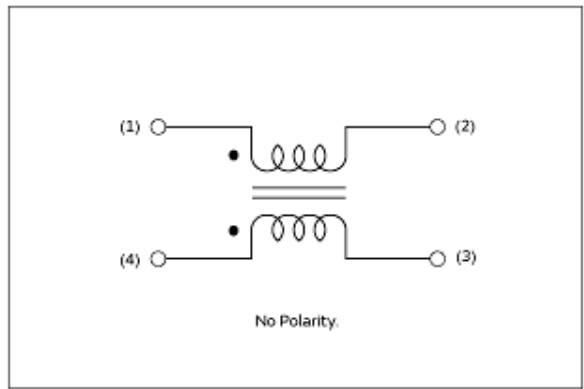
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.