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Unsuitable Applications	Please be sure to read and comply with these <u>"Precautions for use"</u> .
Specific Applications	<p><u>Consumer equipment, Industrial equipment except for transportation &amp; facility &amp; energy equipment, Medical equipment [GHTF A/B/C] except for implant &amp; surgery &amp; auto injector</u></p> <p>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.</p>
Recommended Applications	Consumer equipment

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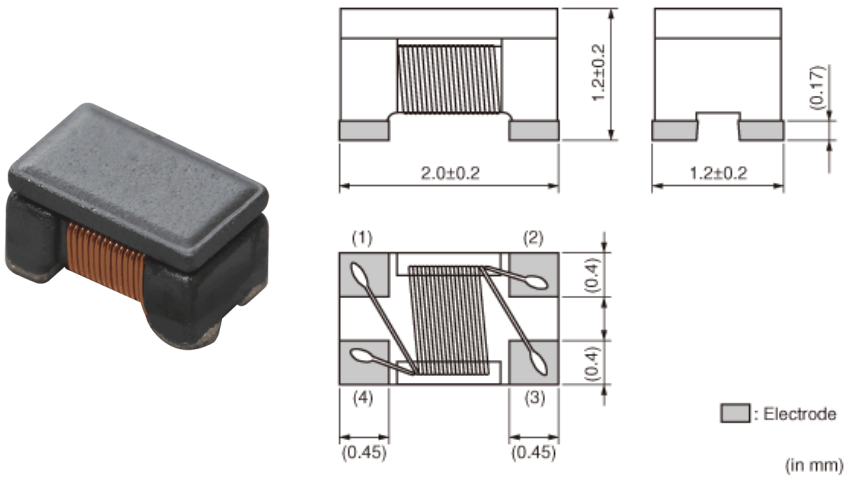
2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

DLW21SN211XK2#

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Appearance & Shape



Length	2mm ±0.2mm
Width	1.2mm ±0.2mm
Thickness	1.2mm ±0.2mm
Size code in mm(inch)	2012/0805
Shape	SMD

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## Specifications

Common Mode Impedance (at 100MHz)	210Ω ±25%
Rated Current	360mA
Derating of Rated Current	No
Rated Voltage	20Vdc
Withstanding Voltage	50Vdc
DC Resistance(max.)	0.33Ω
DC Resistance	0.33Ω Max.
Insulation Resistance(min.)	10MΩ
Operating Temperature	-40 ~ 85℃
Operating Temperature Range(Self-temperature rise)	NO
Number of Circuit	1
Brand	Murata

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## Features

1. Small size and low profile (2.0x1.2x1.2mm).
2. 4 types of common mode impedance 180Ω, 210Ω, 260Ω, 490Ω [at 100MHz] line up for various circuits.  
(DLW21SN\_XQ2/DLW21SZ\_XQ2/DLW21SN\_XK2 series)
3. The matching the characteristic impedance  
Enables noise suppression for differential signal line without distortion in high-speed signal transmission.
4. Small dimension enables higher density mounting.

## Applications

Common mode noise suppression of signal lines in high speed and high density digital equipment such as PCs and peripherals and telecommunications equipment.

## References

Packaging	Specifications 	Standard Packing Quantity
L	180mm Embossed Tape	2000
B	Bulk(Bag)	500

Mass(Typ.)	
1 piece	0.011g

### Attention

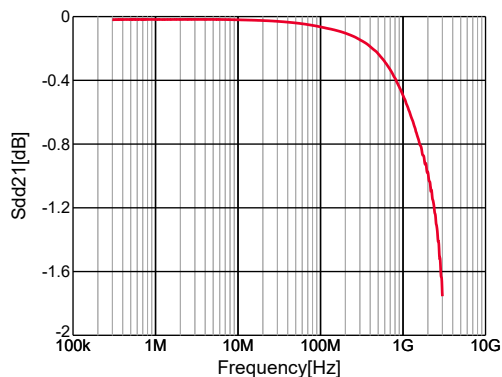
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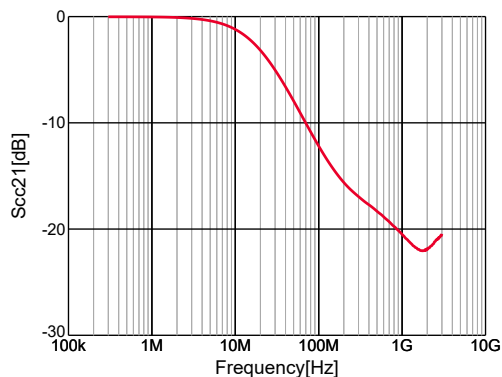
## S-parameter

**Sdd21**



DLW21SN211XK2#,Sdd21,

**Sc21**



DLW21SN211XK2#,Sc21,

## Attention

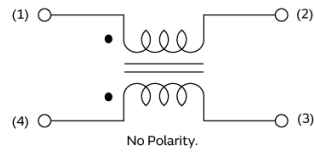
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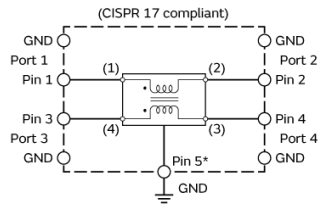
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## Product Data

### Equivalent Circuit (Note 1)

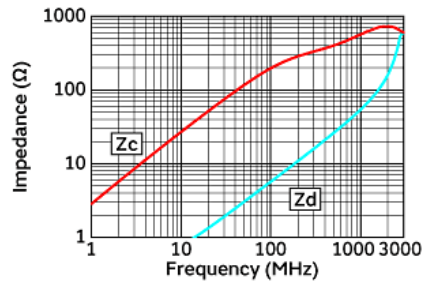


Note1: The Port/Pin No. of the Simulation Model provided by our company is as follows.

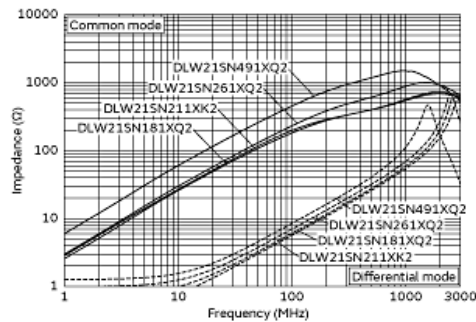


S-parameter: Port□  
SPICE model: Pin□ (Pin5\* connect to GND)

Equivalent Circuit



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics(Main Items)

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