

# DLW21SN211XK2#

“#”at the end indicates the package specification code.



< List of part numbers with package codes >  
DLW21SN211XK2B                      DLW21SN211XK2L

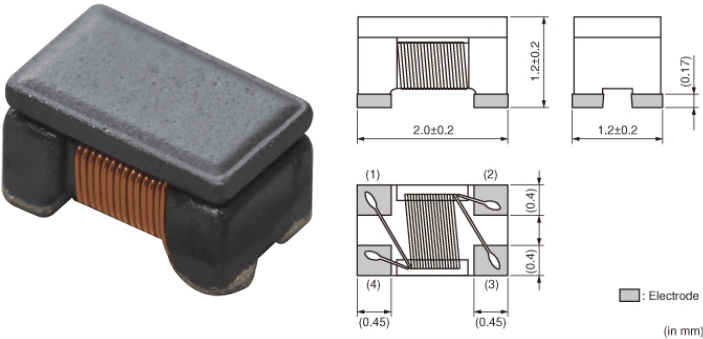
## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment 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.
Recommended Applications	Consumer equipment

## Packaging Information

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

## Appearance & Shape



**Attention**  
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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.

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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\_XK2series)
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.

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## Specifications

Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.2mm
Width Tolerance	±0.2mm
Thickness	1.2mm
Thickness Tolerance	±0.2mm
Common Mode Impedance (at 100MHz)	210Ω
Common Mode Impedance (at 100MHz) Tolerance	±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 Range	-40°C to 85°C
Mass(typ.)	0.011g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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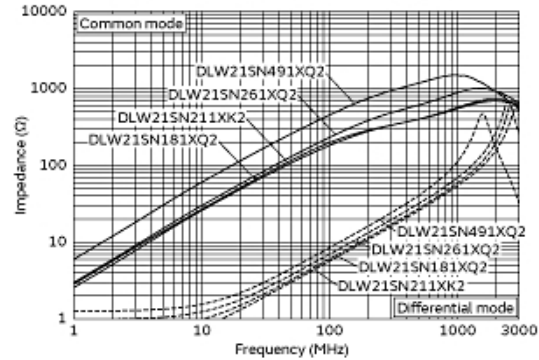
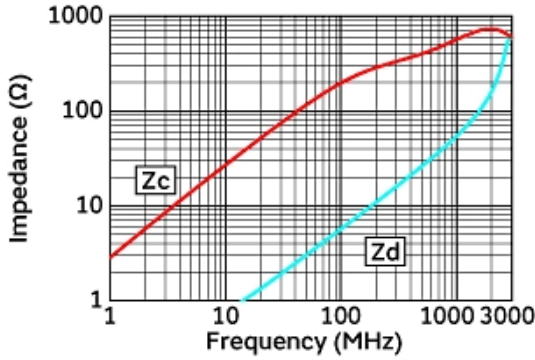
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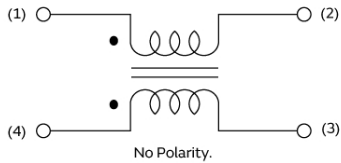
## Product Data



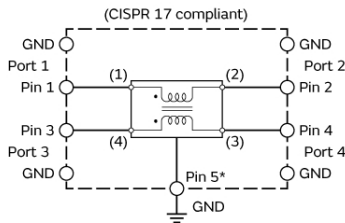
### Impedance-Frequency Characteristics

### Impedance-Frequency Characteristics (Main Items)

#### 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

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