

# DLW21SN921SK2#

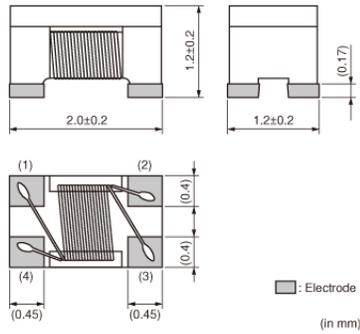
“#” indicates a package specification code.



< List of part numbers with package codes >

DLW21SN921SK2B DLW21SN921SK2L

## Appearance & Shape



## Features

- DLW21S series realizes small size and low profile.  $2.0 \times 1.2 \times 1.2$  mm
- High common mode impedance at high frequency effects excellent noise suppression performance.
- Various common mode impedance items of 67 to 920 ohm can be used, considering noise level and signal frequency.
- DLW21S series enables noise suppression for differential signal line without distortion in high speed signal transmission due to its high coupling.
- Small dimension enables higher density packaging.

### Applications

- USB lines of PC, Peripheral equipment
- LVDS lines of Note-PCs, LCDs
- USB lines of Small digital AVEquipment such as digital cameras

## Applications

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

## Packaging Information

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

### Attention

- 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.
- 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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## Specifications

|                                             |            |                                                                |               |
|---------------------------------------------|------------|----------------------------------------------------------------|---------------|
| Shape                                       | SMD        | Operating Temperature Range                                    | -40°C to 85°C |
| Size Code (in mm)                           | 2012       | Mass(typ.)                                                     | 0.011g        |
| Size Code (in inch)                         | 0805       | Number of Circuit                                              | 1             |
| Length                                      | 2.0mm      | Operating Temperature Range(Self-temperature rise is included) | No            |
| Length Tolerance                            | ±0.2mm     |                                                                |               |
| Width                                       | 1.2mm      |                                                                |               |
| Width Tolerance                             | ±0.2mm     |                                                                |               |
| Thickness                                   | 1.2mm      |                                                                |               |
| Thickness Tolerance                         | ±0.2mm     |                                                                |               |
| Common Mode Impedance (at 100MHz)           | 920Ω       |                                                                |               |
| Common Mode Impedance (at 100MHz) Tolerance | ±25%       |                                                                |               |
| Rated Current                               | 160mA      |                                                                |               |
| Rated Voltage                               | 50Vdc      |                                                                |               |
| Withstanding Voltage                        | 125Vdc     |                                                                |               |
| DC Resistance(max.)                         | 0.95Ω      |                                                                |               |
| DC Resistance                               | 0.95Ω max. |                                                                |               |
| Insulation Resistance(min.)                 | 10MΩ       |                                                                |               |

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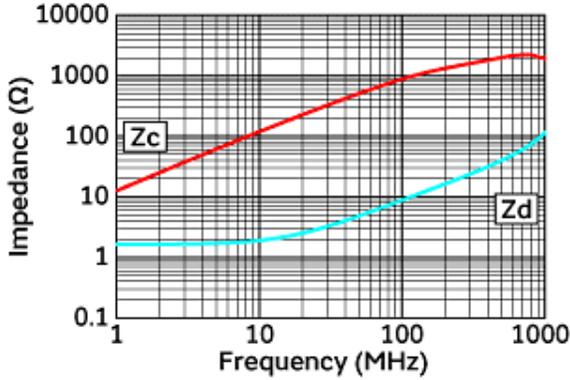
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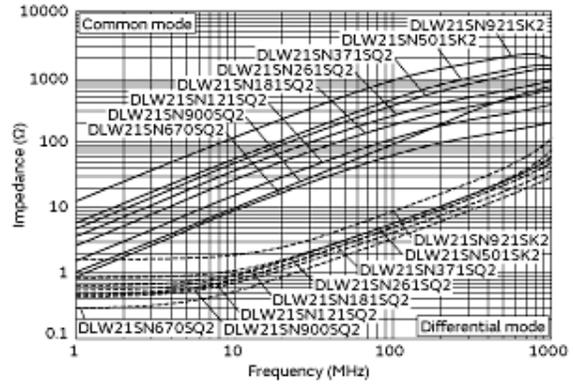
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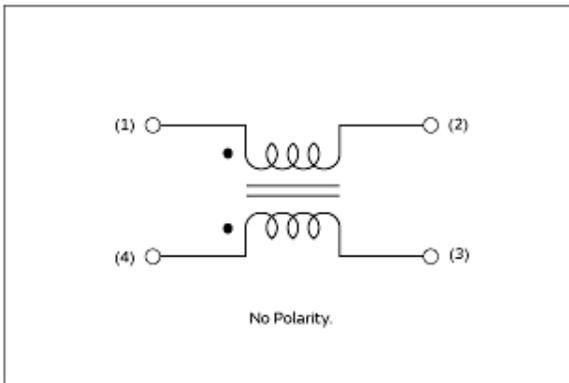
## Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

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