

DLP2ADN121HL4#

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



< List of part numbers with package codes >

DLP2ADN121HL4B DLP2ADN121HL4L

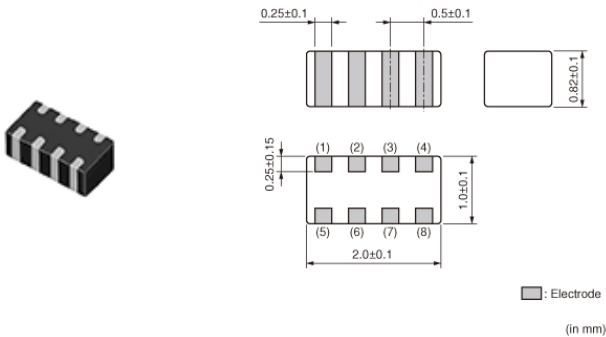
Applications

| | |
|--------------------------|---|
| 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, HDMI 1.4b |

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| B | Bulk(Bag) | 500 |
| L | 180mm Embossed Tape | 3000 |

Appearance & Shape




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.

DLP2ADN121HL4#

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



Features

1. 2 components are included in 2.0x1.0mm size
2. Low profile: typ. 0.82mm
3. DLP2AD can suppress common mode noise without damage to signal wave.
4. DLP2AD match with line impedance.
5. DLP2ADA is for high speed differential signal line.
Cutoff Frequency : 6.0GHz or more

Applications

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

1. Main board of personal computers, Note PCs
2. Printers, Scanners
3. LCD monitors
4. Game equipment
5. PC peripheral equipment

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.

DLP2ADN121HL4#

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



Specifications

| | |
|--|---------------|
| Shape | SMD |
| Size Code (in mm) | 2010 |
| Size Code (in inch) | 0804 |
| Length | 2.0mm |
| Length Tolerance | ±0.1mm |
| Width | 1.0mm |
| Width Tolerance | ±0.1mm |
| Thickness | 0.82mm |
| Thickness Tolerance | ±0.1mm |
| Common Mode Impedance (at 100MHz) | 120Ω |
| Common Mode Impedance (at 100MHz) Tolerance | ±20% |
| Rated Current | 120mA |
| Derating of Rated Current | No |
| Rated Voltage | 5Vdc |
| Withstanding Voltage | 12.5Vdc |
| DC Resistance(max.) | 2.5Ω |
| DC Resistance | 2.0Ω±25% |
| Insulation Resistance(min.) | 100MΩ |
| Operating Temperature Range | -40°C to 85°C |
| Mass(typ.) | 0.009g |
| Number of Circuit | 2 |
| Operating Temperature Range(Self-temperature rise is included) | No |
| Brand | Murata |

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.

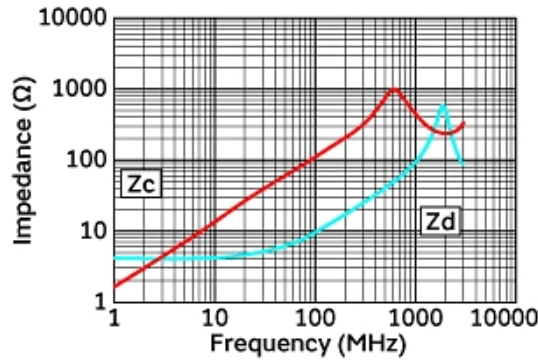
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

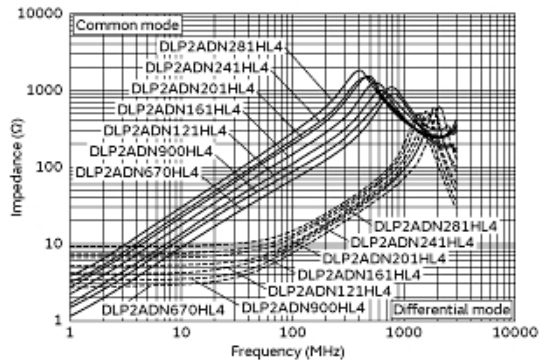
DLP2ADN121HL4#

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

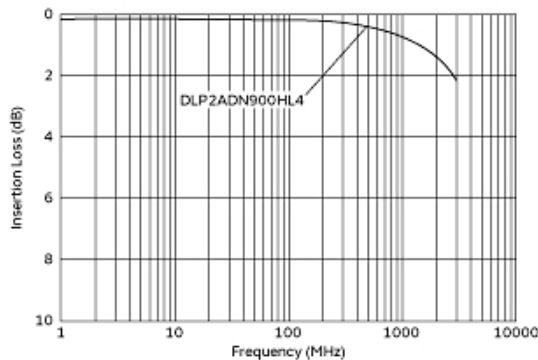
Product Data



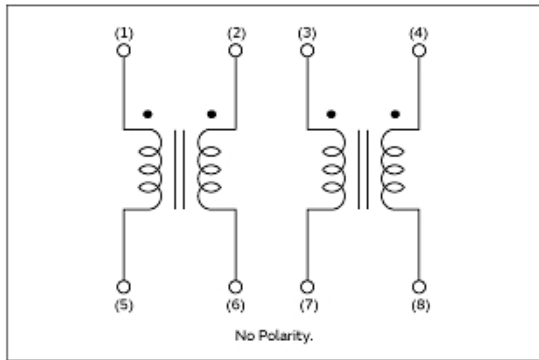
Impedance-Frequency Characteristics



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, 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.