

# DLP2ADN121HL4#

“#” indicates a package specification code.

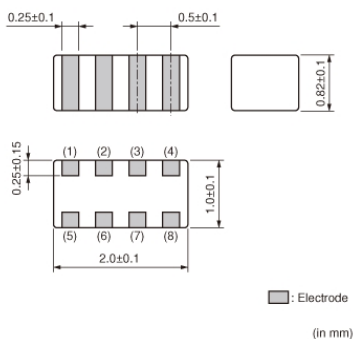


## < List of part numbers with package codes >

DLP2ADN121HL4B

DLP2ADN121HL4L

## Appearance & Shape



## 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. DLP2AD 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

## Applications

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

## Packaging Information

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

### Attention

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## Specifications

|       |        |
|-------|--------|
| Brand | Murata |
|-------|--------|

|                                                                |               |
|----------------------------------------------------------------|---------------|
| 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            |

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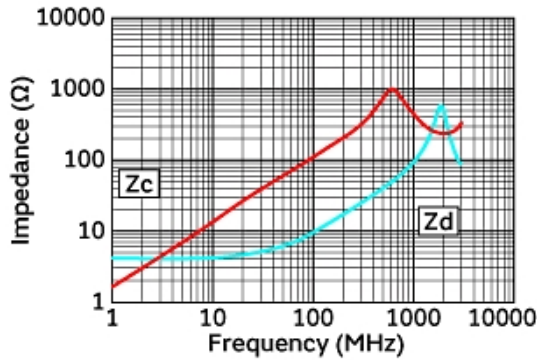
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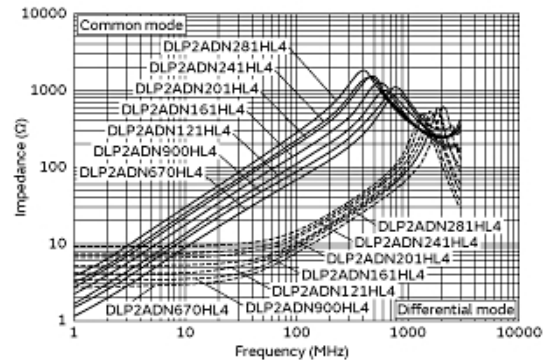
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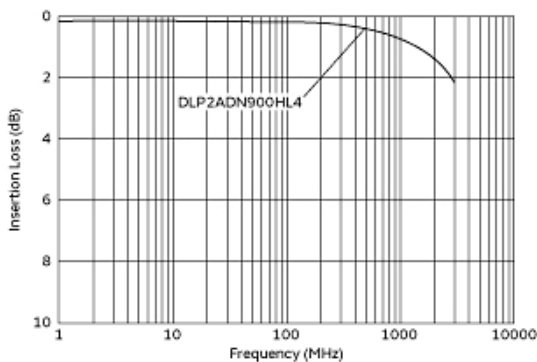
## Product Data



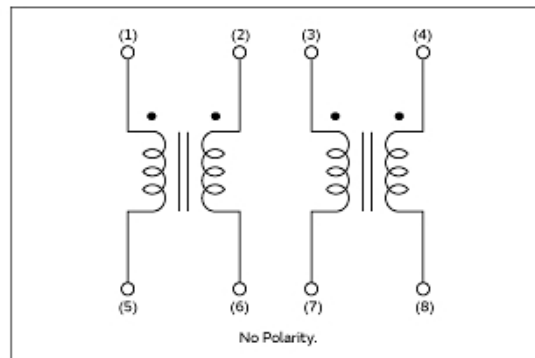
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Differential Mode Transmission Characteristics  
(Typical Value)



Equivalent Circuit

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