

# DLP11RB400UL2#

“#” indicates a package specification code.



## < List of part numbers with package codes >

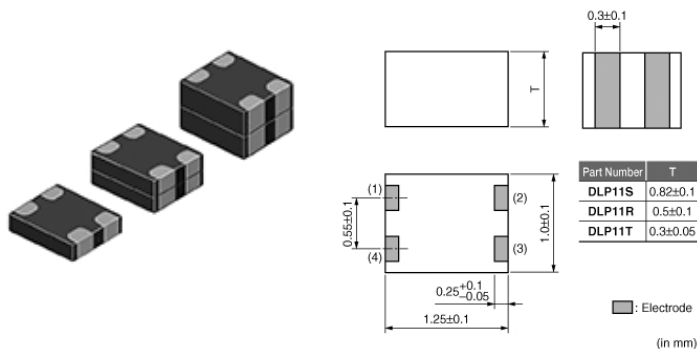
DLP11RB400UL2B

DLP11RB400UL2L

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical [Ask Murata] 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.

## Appearance & Shape



## Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
L	180mm Embossed Tape	4000

## Features

1. Compact footprint and low profile ( $L \times W = 1.25 \times 1.0$  t =  $0.5 \pm 0.1$ )
2. High cutoff frequency (7GHz  $Z_{typ}$ )
3. High coupling ratio ( $k \geq 0.98$ ) prevents high speed differential signal from damaging.
4. Matching to USB3.0 line impedance (90Ω)

### Application

Common mode noise suppression for high speed differential signal lines (USB3.0 etc. ) in mobile equipments such as DSC, Note PC, Mobile phone.

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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## Specifications

Brand	Murata
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Shape	SMD
Size Code (in mm)	1210
Size Code (in inch)	0504
Length	1.25mm
Length Tolerance	±0.1mm
Width	1.0mm
Width Tolerance	±0.1mm
Thickness	0.5mm
Thickness Tolerance	±0.1mm
Common Mode Impedance (at 100MHz)	40Ω
Common Mode Impedance (at 100MHz) Tolerance	±10Ω
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	1.63Ω
DC Resistance	1.3Ω±25%
Insulation Resistance(min.)	100MΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.002g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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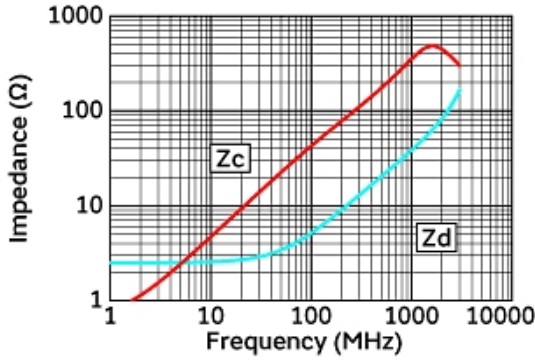
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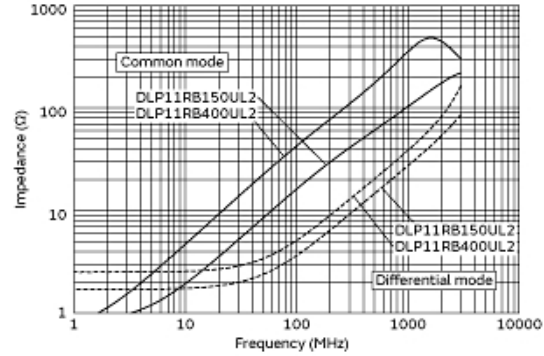
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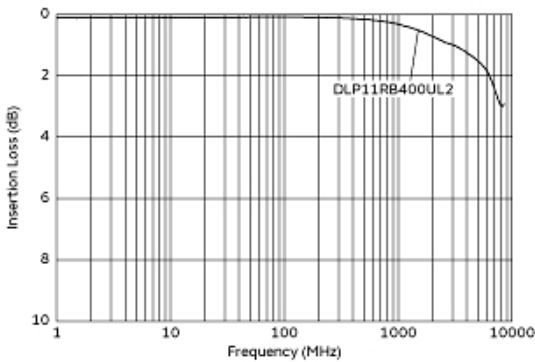
## Product Data



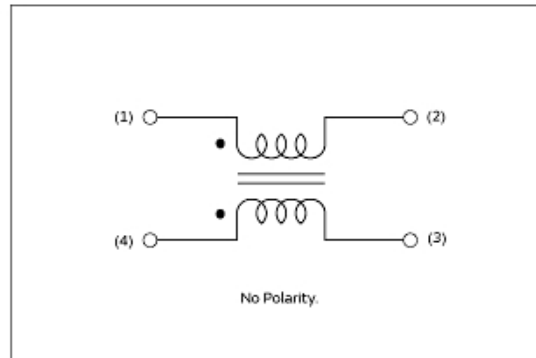
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Differential Mode Transmission Characteristics  
(Typical Value)



Equivalent Circuit

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