

DLP11RB150UL2#

“#” indicates a package specification code.

To be discontinued

RoHS

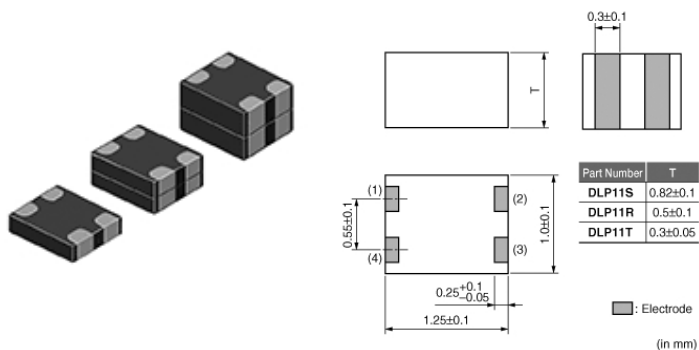
REACH

< List of part numbers with package codes >

DLP11RB150UL2B

DLP11RB150UL2L

Appearance & Shape



Features

1. Compact footprint and low profile ($L \times W = 1.25 \times 1.0$ t = 0.5 ± 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.

Applications

Other Usage	For general
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Packaging Information

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

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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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)	15Ω
Common Mode Impedance (at 100MHz) Tolerance	±5Ω
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	1Ω
DC Resistance	0.8Ω±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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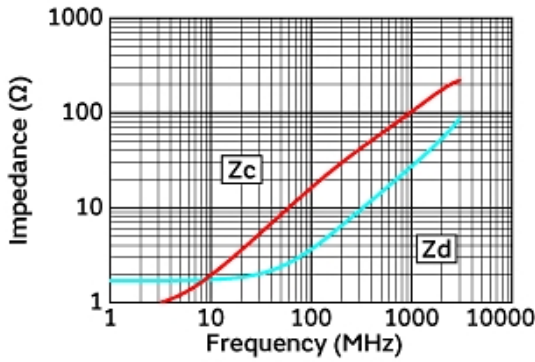
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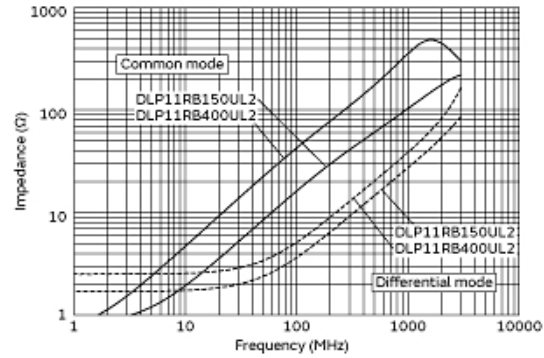
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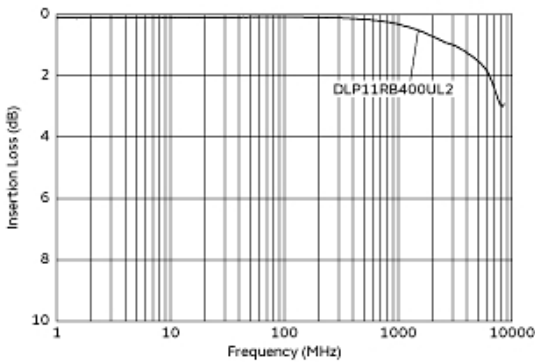
Product Data



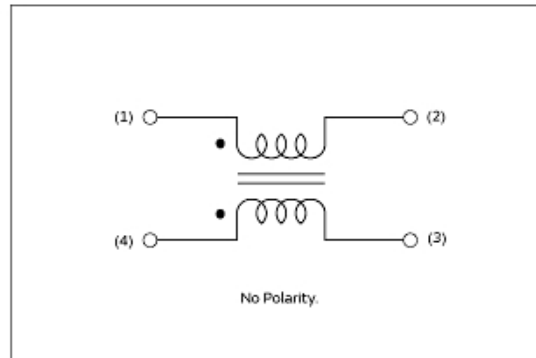
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics
(Typical Value)



Equivalent Circuit

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