

DLW21SH121HQ2#

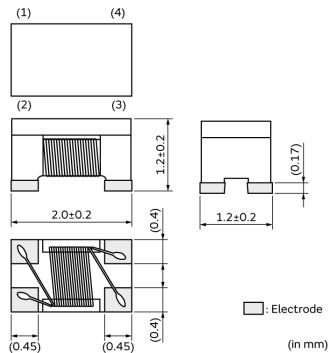
“#” indicates a package specification code.



< List of part numbers with package codes >

DLW21SH121HQ2B DLW21SH121HQ2L

Appearance & Shape



Features

1. Small size: 2.0x1.2x1.2mm
 2. Available for high density mounting (Narrow pitch)
- Application
Common mode noise suppression for automotive interfaces such as USB, LVDS, PCIe

Applications

Automotive Usage	Powertrain/Safety
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Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
L	180mm Embossed Tape	2000

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.

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Specifications

Brand	Murata
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Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.2mm
Width Tolerance	±0.2mm
Thickness	1.2mm
Thickness Tolerance	±0.2mm
Common Mode Impedance (at 100MHz)	120Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	280mA
Derating of Rated Current	Yes (Over 105°C) *For details, please check the derating diagram.
Rated Voltage	20Vdc
Withstanding Voltage	50Vdc
DC Resistance(max.)	0.416Ω
DC Resistance	0.32Ω±30%
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.011g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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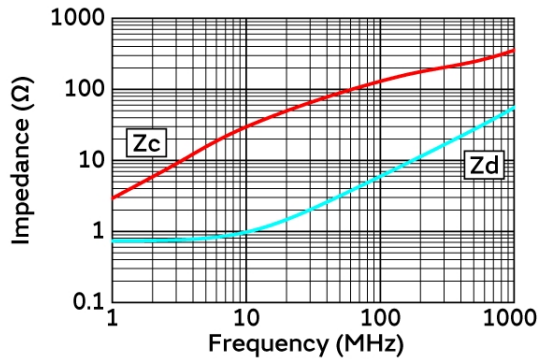
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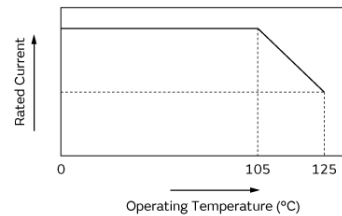
Product Data



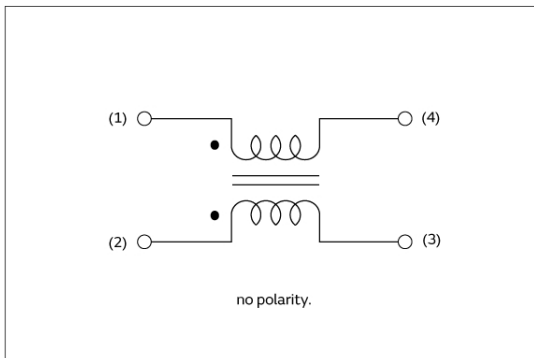
Impedance-Frequency Characteristics

In operating temperature exceeding +105°C, derating of current is necessary for this series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Derating of Rated Current



Equivalent Circuit

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