

DLM11CN201HH2#

"#" at the end indicates the package specification code.

● In Production

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DLM11CN201HH2L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use" .
Specific Applications	Automotive infotainment/comfort equipment , Automotive powertrain/safety equipment , Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector 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	Automotive powertrain/safety equipment

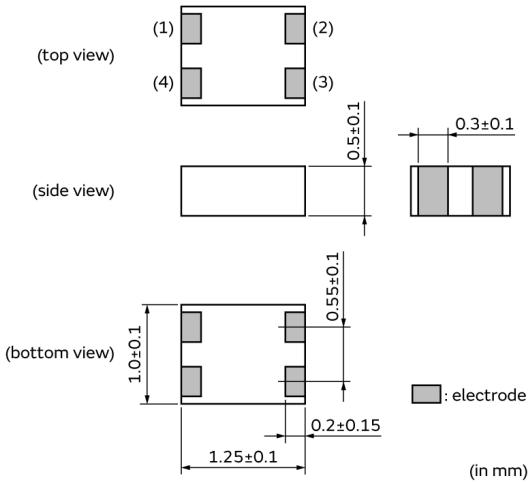
Attention

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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Appearance & Shape



Length	1.25mm ±0.1mm
Width	1mm ±0.1mm
Thickness	0.5mm ±0.1mm
Size code in mm(inch)	1210/0504
Shape	SMD

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Specifications

Common Mode Impedance (at 100MHz)	200Ω ±25%
Rated Current	60mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	4.75Ω
DC Resistance	3.8Ω ±25%
Insulation Resistance(min.)	10MΩ
Cut-off Frequency	2GHz Typ.
Operating Temperature	-55 ~ 125°C
Operating Temperature Range(Self-temperature rise)	NO
Number of Circuit	1
Brand	Murata

Features

1. Small size and tight dimensional tolerance
Size: 1.25x1.0x0.5mm
Tolerance: ±0.1mm
2. High common mode impedance up to 200ohm (at 100MHz) is available.
3. Prevents signal damaging in high speed differential lines.
4. Automotive grade product.

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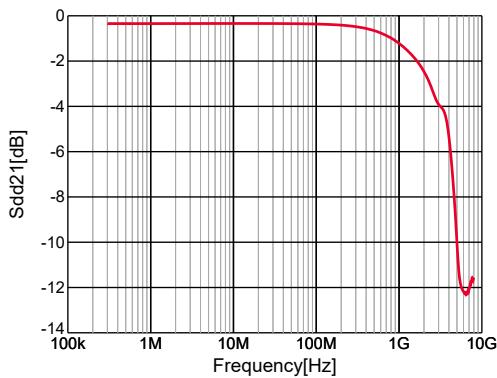
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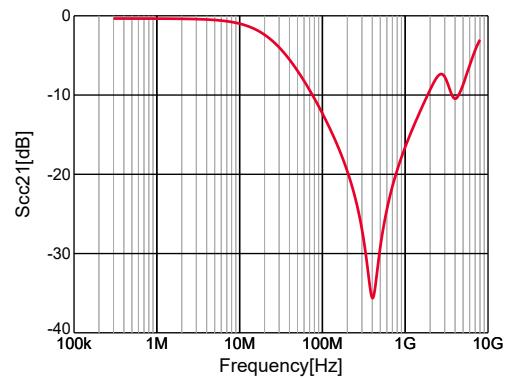
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S-parameter

Sdd21



Scc21



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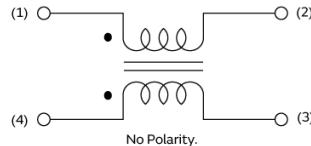
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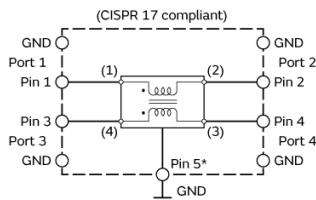
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Product Data

■ Equivalent Circuit (Note 1)

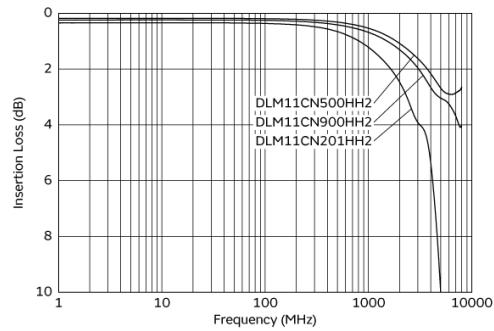


Note1: The Port/Pin No. of the Simulation Model provided by our company is as follows.

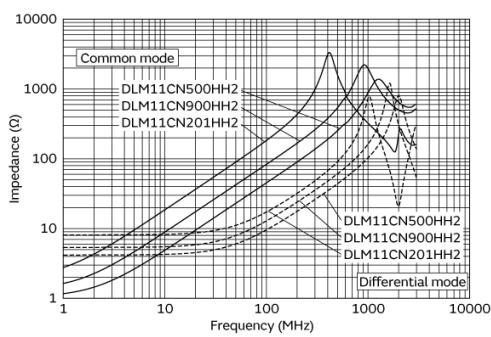


S-parameter: Port SPICE model: Pin (Pin5* connect to GND)

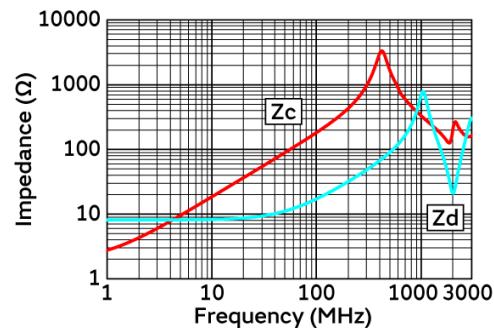
Equivalent Circuit



Differential Mode Transmission Characteristics (Typical Value)



Impedance-Frequency Characteristics (Main Items)



Impedance-Frequency Characteristics

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