Note: This datasheet may be out of date.
Please download the latest datasheet of DLM11SN450HY2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLM11SN450HY2%23

DLM11SN450HY2#

"#" indicates a package specification code.

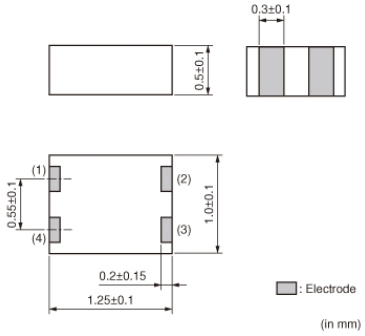
To be discontinued | RoHS | REACH

< List of part numbers with package codes >

DLM11SN450HY2B DLM11SN450HY2L

Appearance & Shape





Features

1. Small size and tight dimensional tolerance
   Size:1.25x1.0x0.5mm
   Tolerance:+-0.1mm
2. High common mode impedance up to 90ohm (at 100MHz) is available.
3. DLM11S series enables noise suppression for differential signal line without distortion in high-speed signal transmission due to its line impedance matching.
4. High Cut-off Frequency.

Applications

Other Usage	For general

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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DLM11SN450HY2#

"#" indicates a package specification code.

Specifications

Brand	Murata

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)	45Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	100mA
Derating of Rated Current	No
Rated Voltage	5Vdc
Withstanding Voltage	12.5Vdc
DC Resistance(max.)	0.88Ω
DC Resistance	0.7Ω±25%
Insulation Resistance(min.)	100MΩ
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.004g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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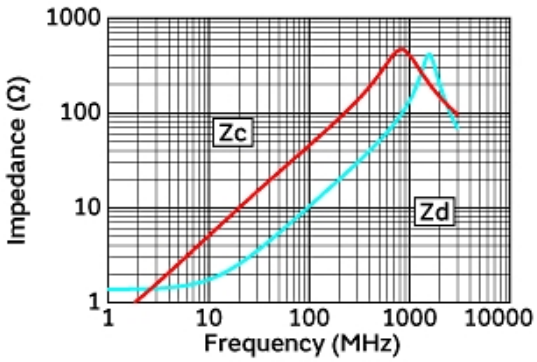
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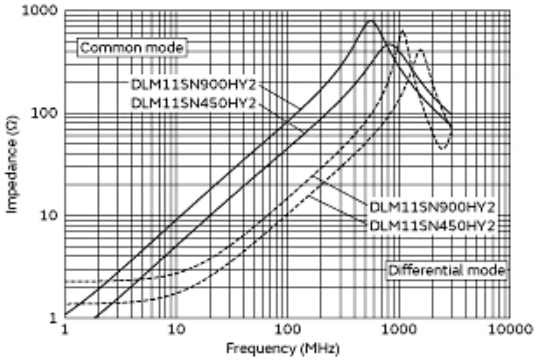
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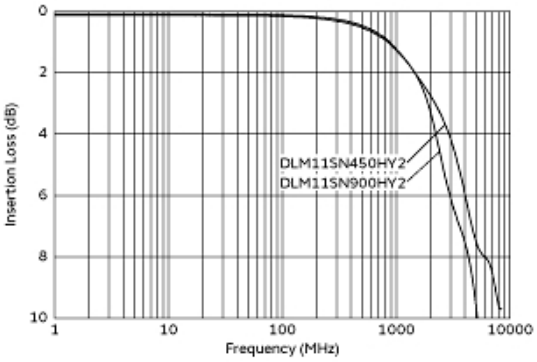
Product Data



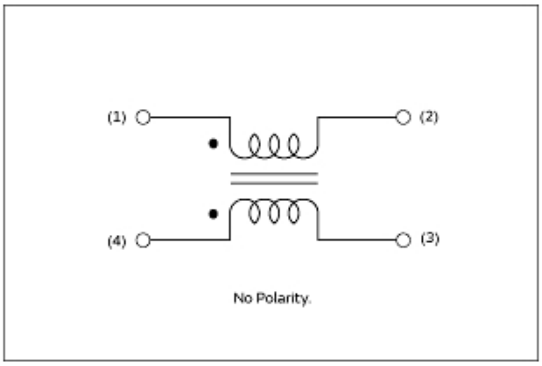
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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