

# DLM11SN900HZ2#

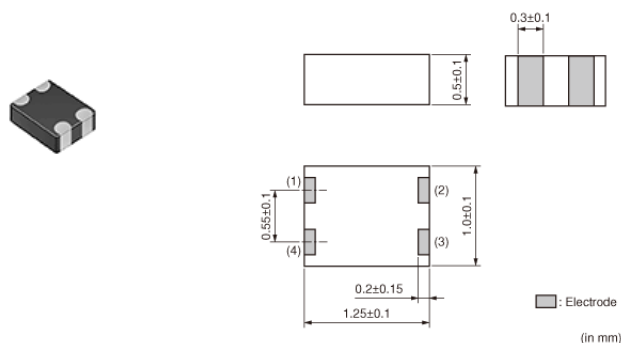
“#” indicates a package specification code.



< List of part numbers with package codes >

DLM11SN900HZ2B DLM11SN900HZ2L

## 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

Automotive Usage	Infotainment
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## Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	500
L	180mm Embossed Tape	4000

### 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

Shape	SMD	Operating Temperature Range	-55°C to 125°C
Size Code (in mm)	1210	Mass(typ.)	0.004g
Size Code (in inch)	0504	Number of Circuit	1
Length	1.25mm	Operating Temperature Range(Self-temperature rise is included)	No
Length Tolerance	±0.1mm		
Width	1.0mm		
Width Tolerance	±0.1mm		
Thickness	0.5mm		
Thickness Tolerance	±0.1mm		
Common Mode Impedance (at 100MHz)	90Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	100mA		
Rated Voltage	5Vdc		
Withstanding Voltage	12.5Vdc		
DC Resistance(max.)	1.38Ω		
DC Resistance	1.1Ω±25%		
Insulation Resistance(min.)	100MΩ		

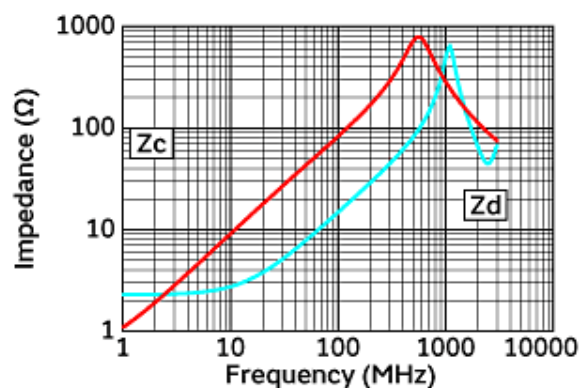
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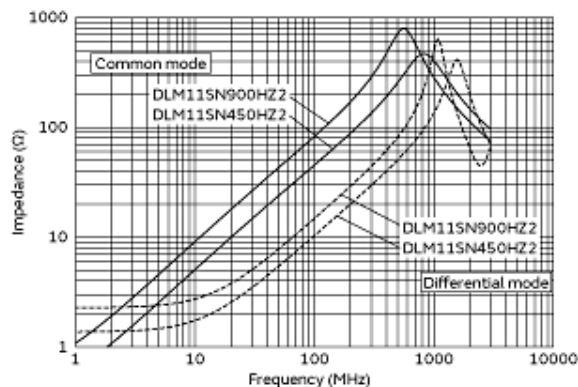
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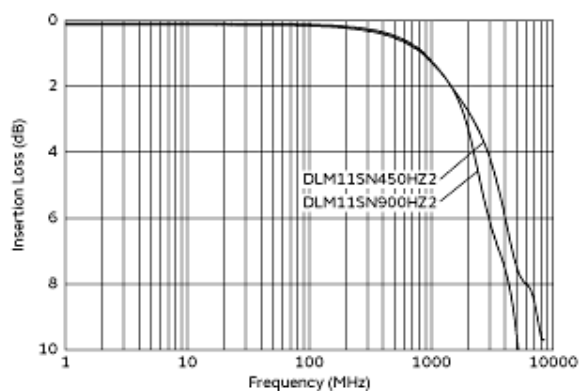
## Product Data



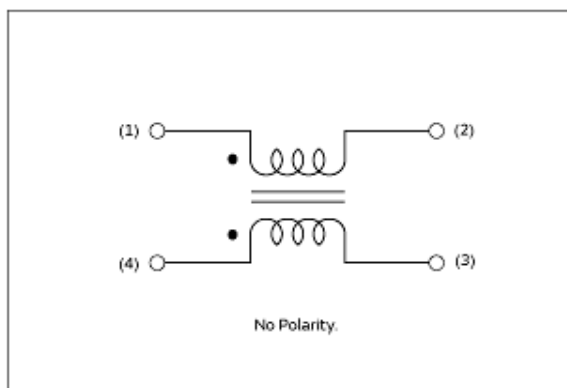
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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