

DLM11SN450HZ2#

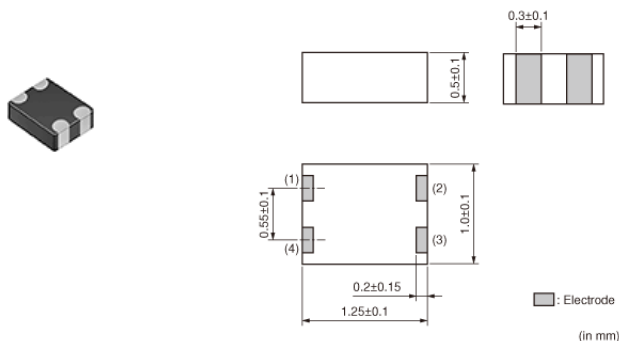
“#” indicates a package specification code.



< List of part numbers with package codes >

DLM11SN450HZ2B DLM11SN450HZ2L

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

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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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)	45Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	100mA		
Rated Voltage	5Vdc		
Withstanding Voltage	12.5Vdc		
DC Resistance(max.)	0.88Ω		
DC Resistance	0.7Ω±25%		
Insulation Resistance(min.)	100MΩ		

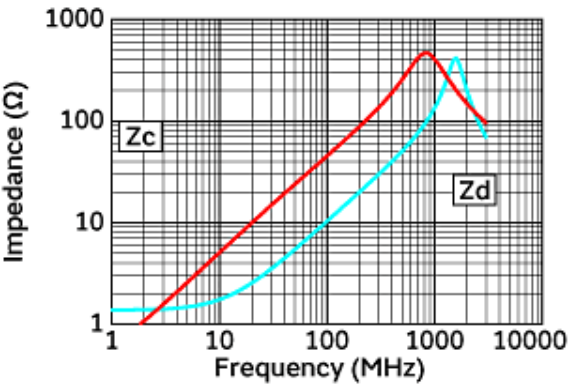
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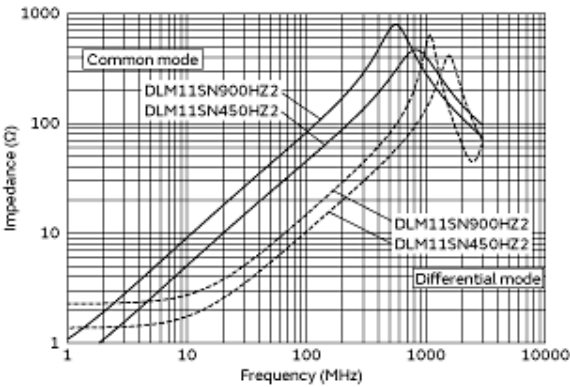
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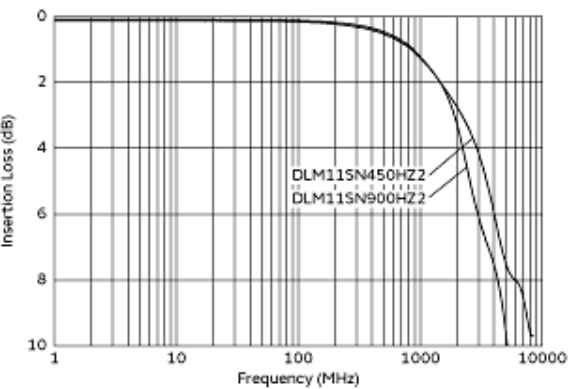
Product Data



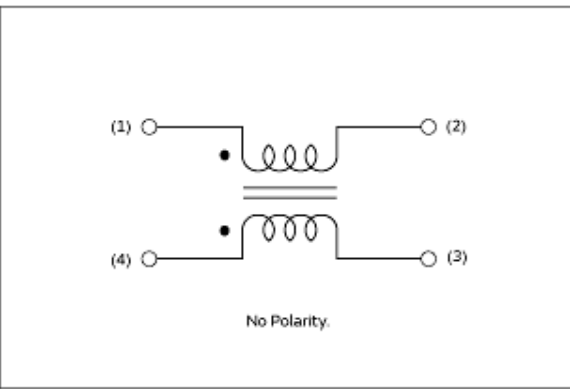
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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