

DLW21SN181XQ2#

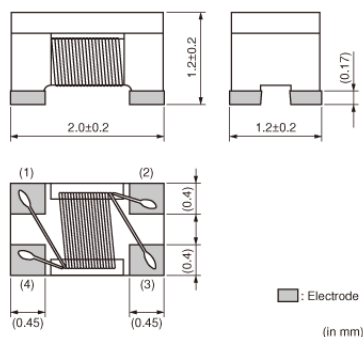
“#” indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

DLW21SN181XQ2L DLW21SN181XQ2B

Appearance & Shape



Features

1. Small size and low profile (2.0x1.2x1.2mm).
2. 3 types of common mode impedance 180Ω, 260Ω, 490Ω [at 100MHz] line up for various circuits. (DLW21SN_XQ2/DLW21SZ_XQ2 series)
3. The matching the characteristic impedance
Enables noise suppression for differential signal line without distortion in high-speed signal transmission.
4. Small dimension enables higher density mounting.

Applications

Common mode noise suppression of signal lines in high speed and high density digital equipment such as PCs and peripherals and telecommunications equipment.

Applications

Other Usage

For general

Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	2000
B	Bulk(Bag)	500

Attention

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Specifications

Shape	SMD	Operating Temperature Range	-40°C to 85°C
Size Code (in mm)	2012	Mass(typ.)	0.011g
Size Code (in inch)	0805	Number of Circuit	1
Length	2.0mm	Operating Temperature Range(Self-temperature rise is included)	No
Length Tolerance	±0.2mm		
Width	1.2mm		
Width Tolerance	±0.2mm		
Thickness	1.2mm		
Thickness Tolerance	±0.2mm		
Common Mode Impedance (at 100MHz)	180Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	240mA		
Rated Voltage	20Vdc		
Withstanding Voltage	50Vdc		
DC Resistance(max.)	0.39Ω		
DC Resistance	0.39Ω max.		
Insulation Resistance(min.)	10MΩ		

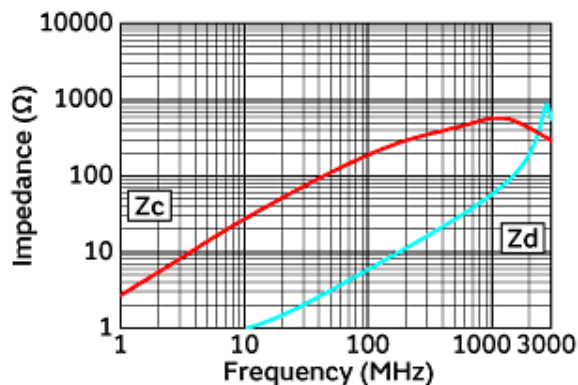
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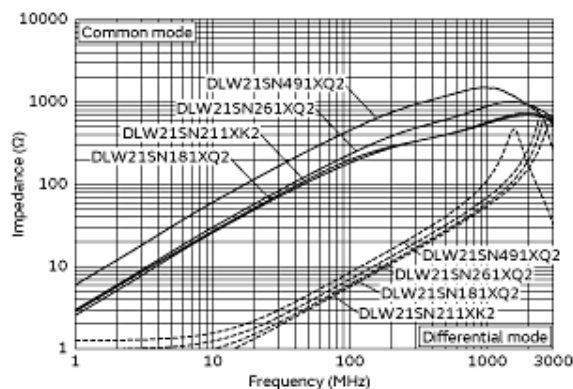
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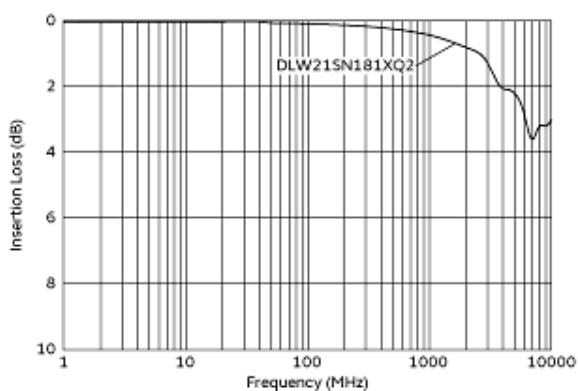
Product Data



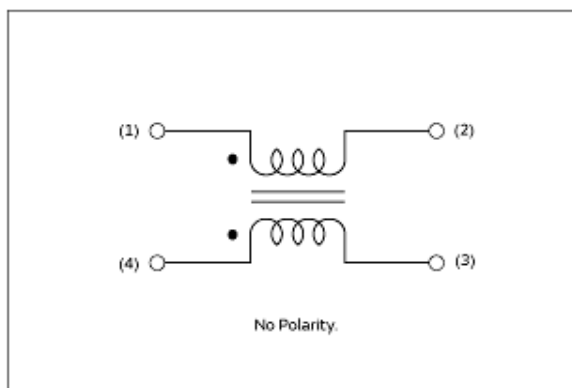
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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