Note: This datasheet may be out of date.
Please download the latest datasheet of DLW21SZ181XQ2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLW21SZ181XQ2%23

DLW21SZ181XQ2#

"#" indicates a package specification code.

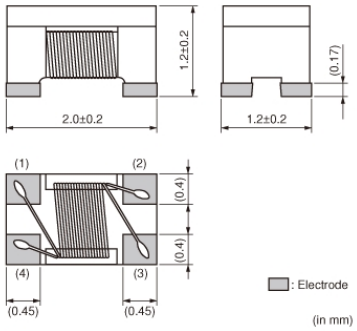
In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

DLW21SZ181XQ2B DLW21SZ181XQ2L

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_XQ2series)
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

Automotive Usage	Infotainment

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
L	180mm Embossed Tape	2000

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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DLW21SZ181XQ2#

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Specifications

Brand	Murata

Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
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
Derating of Rated Current	No
Rated Voltage	20Vdc
Withstanding Voltage	50Vdc
DC Resistance(max.)	0.39Ω
DC Resistance	0.39Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40℃ to 105℃
Mass(typ.)	0.011g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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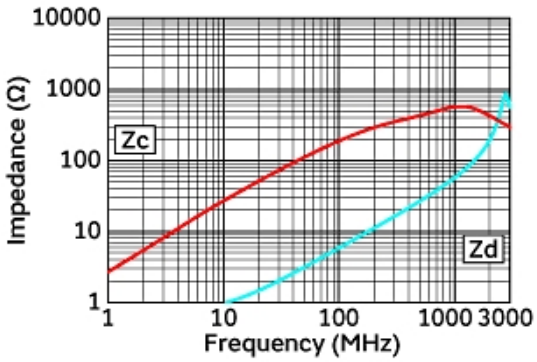
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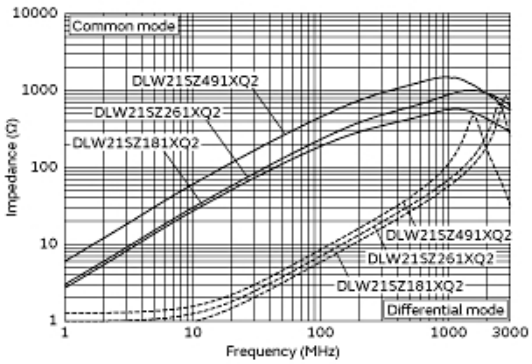
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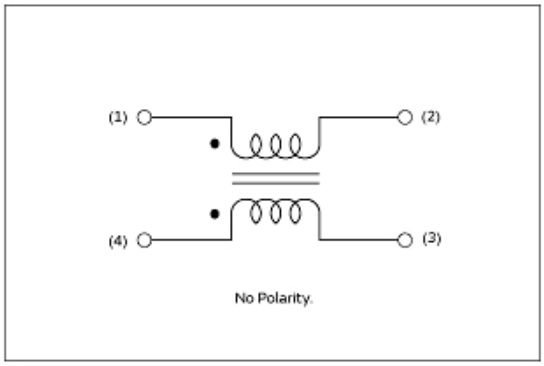
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

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