

DLW21SZ491XQ2#

“#” indicates a package specification code.

In Production

RoHS

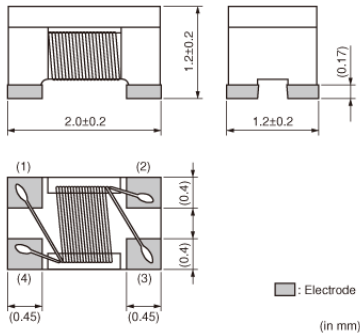
REACH

AEC-Q200

< List of part numbers with package codes >

DLW21SZ491XQ2B DLW21SZ491XQ2L

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

Automotive Usage

Infotainment

Packaging Information

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

Attention

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Specifications

Shape	SMD	Operating Temperature Range	-40°C to 105°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)	490Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	200mA		
Rated Voltage	20Vdc		
Withstanding Voltage	50Vdc		
DC Resistance(max.)	0.77Ω		
DC Resistance	0.77Ω max.		
Insulation Resistance(min.)	10MΩ		

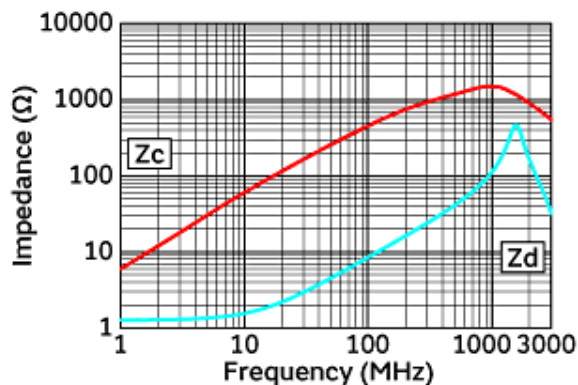
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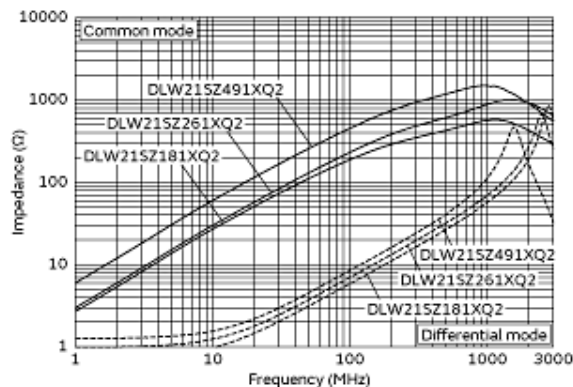
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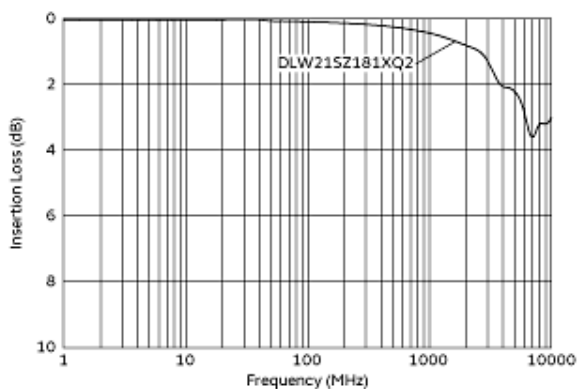
Product Data



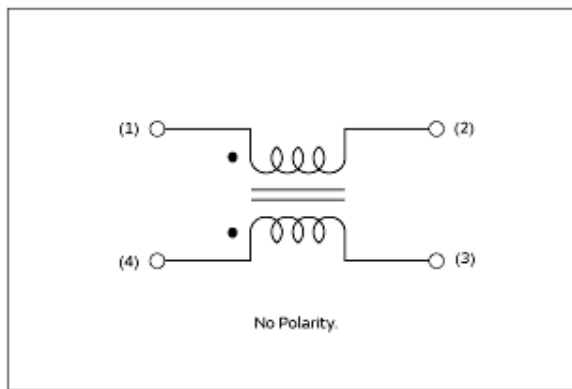
Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Differential Mode Transmission Characteristics (Typical Value)



Equivalent Circuit

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