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DLW31SN161SQ2#

"#"at the end indicates the package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

DLW31SN161SQ2B DLW31SN161SQ2L

Applications

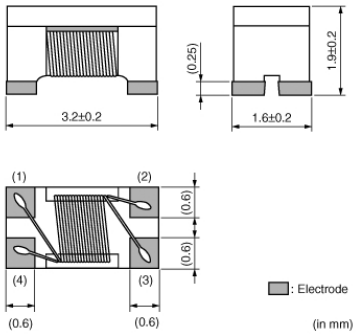
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Consumer equipment

Packaging Information

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

Appearance & Shape





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DLW31SN161SQ2#

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Features

1. DLW31S realizes small size and low profile. 3.2x1.6x1.9mm.
2. High common mode impedance at high frequency effects excellent noise suppression performance.
3. Various common mode impedance items of 90 to 2200 ohm can be used, considering noise level and signal frequency.
4. DLW31S series enables noise suppression for differential signal lines without distortion in high speed signal transmission due to its high coupling.
5. Small dimension enables higher density packaging.

Applications
1. USB lines of PCs, Peripheral equipment
2. LVDS lines of Note-PCs, LCDs

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DLW31SN161SQ2#

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Specifications

Shape	SMD
Size Code (in mm)	3216
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.2mm
Width	1.6mm
Width Tolerance	±0.2mm
Thickness	1.9mm
Thickness Tolerance	±0.2mm
Common Mode Impedance (at 100MHz)	160Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	340mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	0.4Ω
DC Resistance	0.4Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.039g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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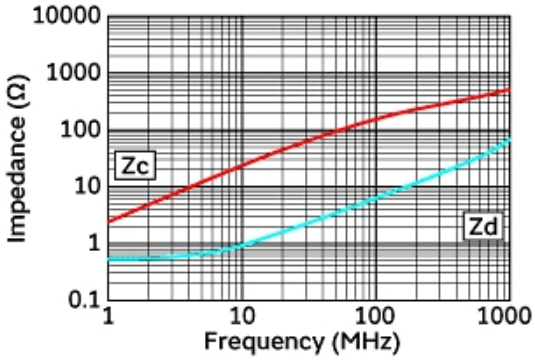
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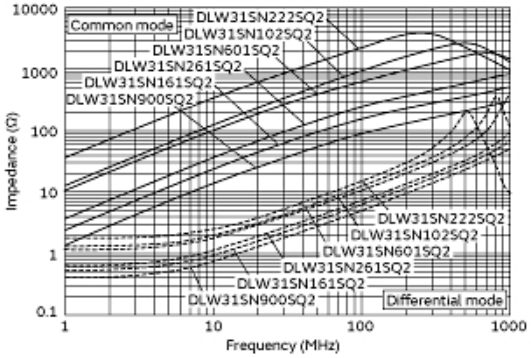
DLW31SN161SQ2#

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Product Data

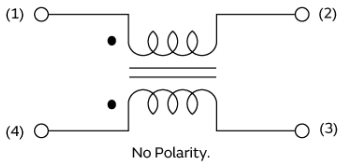


Impedance-Frequency Characteristics

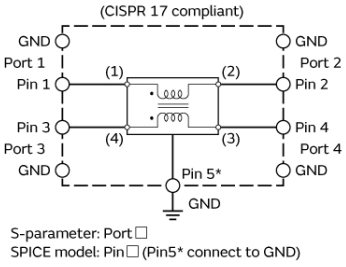


Impedance-Frequency Characteristics (Main Items)

■ Equivalent Circuit (Note 1)



Note1: The Port/Pin No. of the Simulation Model provided by our company is as follows.



S-parameter: Port□
SPICE model: Pin□(Pin5* connect to GND)

Equivalent Circuit

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