

# DLW31SN900SQ2#

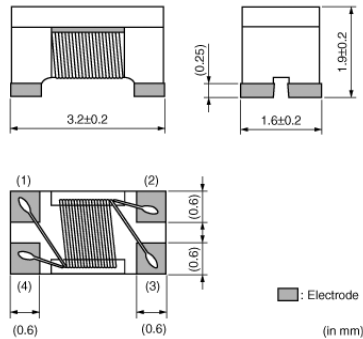
“#” indicates a package specification code.

In Production RoHS REACH

< List of part numbers with package codes >

DLW31SN900SQ2L DLW31SN900SQ2B

## Appearance & Shape



## 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

### Applications

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

Other Usage For general

## Packaging Information

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

### Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
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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## Specifications

Shape	SMD	Operating Temperature Range	-40°C to 85°C
Size Code (in mm)	3216	Mass(typ.)	0.039g
Size Code (in inch)	1206	Number of Circuit	1
Length	3.2mm	Operating Temperature Range(Self-temperature rise is included)	No
Length Tolerance	±0.2mm		
Width	1.6mm		
Width Tolerance	±0.2mm		
Thickness	1.9mm		
Thickness Tolerance	±0.2mm		
Common Mode Impedance (at 100MHz)	90Ω		
Common Mode Impedance (at 100MHz) Tolerance	±25%		
Rated Current	370mA		
Rated Voltage	50Vdc		
Withstanding Voltage	125Vdc		
DC Resistance(max.)	0.3Ω		
DC Resistance	0.3Ω max.		
Insulation Resistance(min.)	10MΩ		

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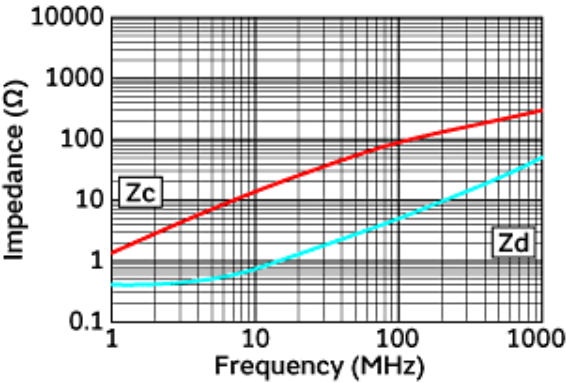
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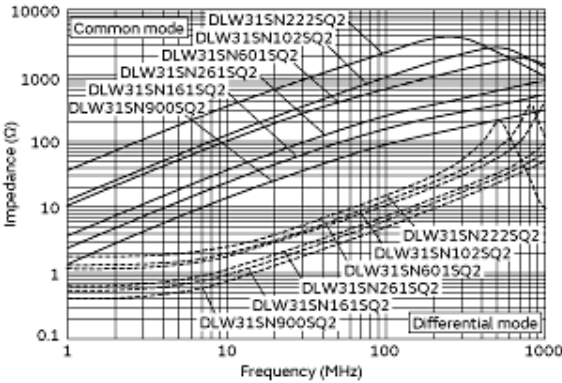
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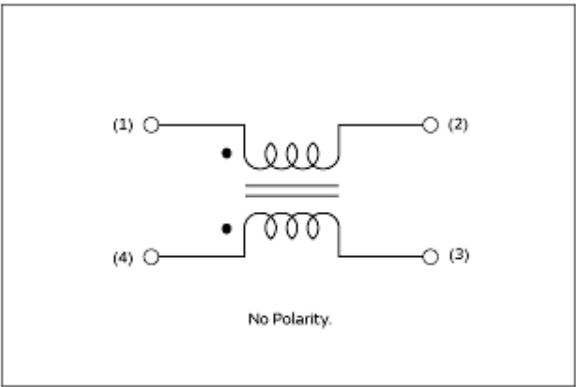
## Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Equivalent Circuit

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