

Note: This datasheet may be out of date.

Please download the latest datasheet of DLW31SN900SQ2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW31SN900SQ2%2

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







< List of part numbers with package codes > DLW31SN900SQ2B DLW31SN900SQ2L



### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
Specific	Please refer to Our Website and	
Applications	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	Canaumar aguinment	
Applications	Consumer equipment	



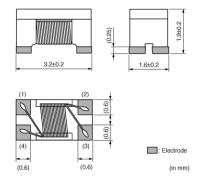
### **Packaging Information**

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



### Appearance & Shape





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#### Attentior

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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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.
- 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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### **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)	90Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	370mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	0.3Ω
DC Resistance	0.3Ω max.
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.039g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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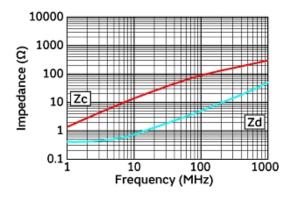


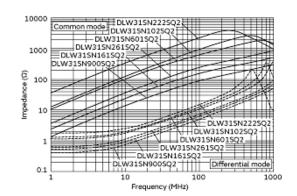
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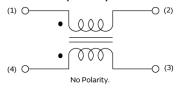
# **Product Data**



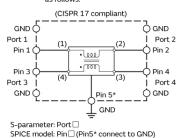


Impedance-Frequency Characteristics

#### ■ Equivalent Circuit (Note 1)



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



**Equivalent Circuit** 

Impedance-Frequency Characteristics (Main Items)

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