

Product Search Data Sheet

DLW21HN900SQ2#

Note: This datasheet may be out of date. Please download the latest datasheet of DLW21HN900SQ2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLW21HN900SQ2%23

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

In Production RoHS REACH

< List of part numbers with package codes > DLW21HN900SQ2B DLW21HN900SQ2L



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	Consumer equipment,USB2.0	
Applications		

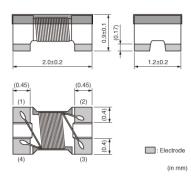


Packaging Information

			Standard
Packaging		Specifications	Packing
		Quantity	
В		Bulk(Bag)	500
L		180mm Embossed Tape	3000







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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.

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- 1. Small size and low profile (2.0x1.2x0.9mm). Excellent noise suppression for sets of small and thin size.
- 2. High common mode impedance at high frequency effects excellent noise suppression performance.
- 3. Various common mode impedance from 67 to 180 ohm can be used, selected depending on noise level and signal frequency.
- Suitable for differential signal line like USB2.0, IEEE1394 and LVDS, because DLW21H does not provide distortion to high speed signal transmission due to its high coupling. (USB2.0: DLW21HN900SQ2)
- 5. Small dimension enables higher density mounting

Applications

Common mode noise suppression of signal lines in high speed and high density digital equipment such as PCs and peripherals and telecommunications equipment.

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Specifications

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	0.9mm
Thickness Tolerance	±0.1mm
Common Mode Impedance (at 100MHz)	90Ω
Common Mode Impedance (at 100MHz) Tolerance	±25%
Rated Current	330mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	0.35Ω
DC Resistance	0.35Ω max.
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.009g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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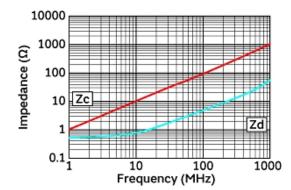
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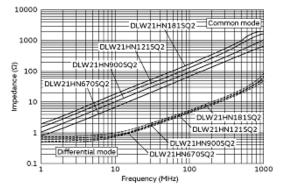
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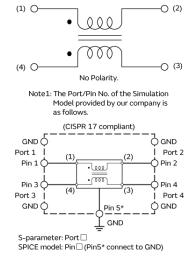






Impedance-Frequency Characteristics

Equivalent Circuit (Note 1)



Equivalent Circuit

Impedance-Frequency Characteristics (Main Items)

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