

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Note: This datasheet may be out of date.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-gb/products/productdetail?partno=DLW21HN900SQ2%23

"#" indicates a package specification code.

In Production



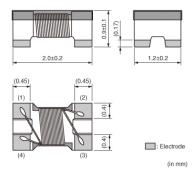


< List of part numbers with package codes > DLW21HN900SQ2B DLW21HN900SQ2L



Appearance & Shape







Features

- 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.



Applications

Other Usage	For general



Packaging Information

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

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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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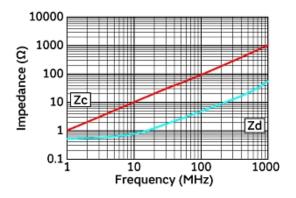
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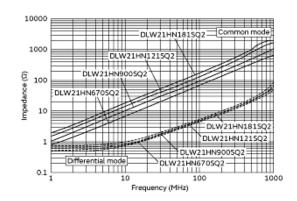
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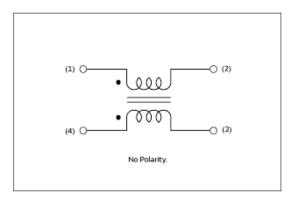
Product Data





Impedance-Frequency Characteristics

Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

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