muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of DLP31DN131ML4# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=DLP31DN131ML4%23

DLP31DN131ML4#

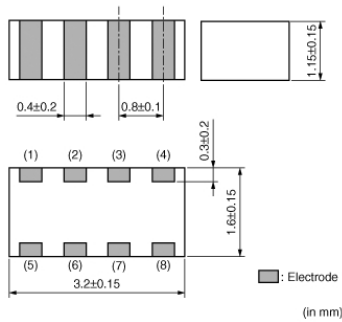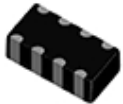"#" indicates a package specification code.

In Production   RoHS   REACH

< List of part numbers with package codes >

DLP31DN131ML4B   DLP31DN131ML4L

Appearance & Shape

(in mm)

: Electrode

Features

DLP31D series is chip common mode choke coil array which realizes high coupling and high impedance in a small size with ferrite material technology and thin film processing technology.

Features
1. 2 components are included in 3.2x1.6mm
2. Thin type 1.15mm
3. High common mode Impedance characteristics (max. 440 ohm, at 100MHz)
4. DLP31D can suppress common mode noise without damage to signal wave.

Applications
Common mode noise suppression of high speed differential signal lines for USB, IEEE1394, LVDS
1. Main board of personal computers, note PCs
2. Printers, Scanners
3. LCD monitors
4. Game equipment
5. PC peripheral equipment

Applications

Other Usage	For general

Packaging Information

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

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.
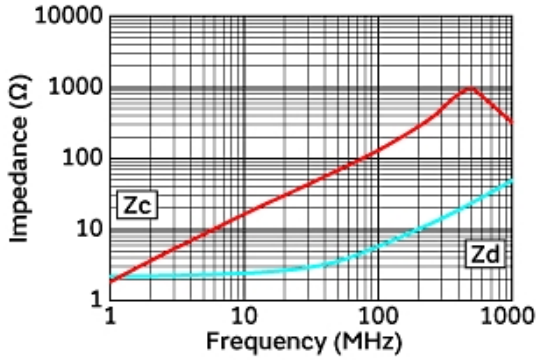
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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DLP31DN131ML4#

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Specifications

Shape	SMD
Size Code (in mm)	3216
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.15mm
Width	1.6mm
Width Tolerance	±0.15mm
Thickness	1.15mm
Thickness Tolerance	±0.15mm
Common Mode Impedance (at 100MHz)	130Ω
Common Mode Impedance (at 100MHz) Tolerance	±20%
Rated Current	120mA
Derating of Rated Current	No
Rated Voltage	10Vdc
Withstanding Voltage	25Vdc
DC Resistance(max.)	1.6Ω
DC Resistance	1.6Ω max.
Insulation Resistance(min.)	100MΩ
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.03g
Number of Circuit	2
Operating Temperature Range(Self-temperature rise is included)	No

URL : https://www.murata.com/

Last updated03/13/2022

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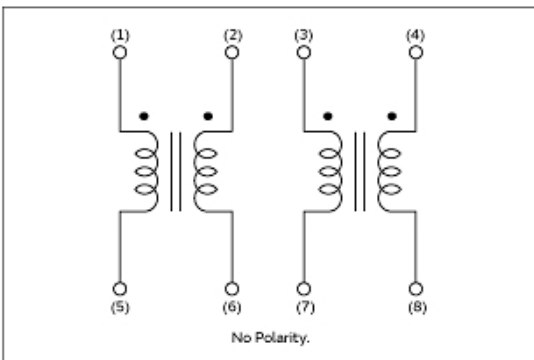
DLP31DN131ML4#

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Product Data

Impedance-Frequency Characteristics
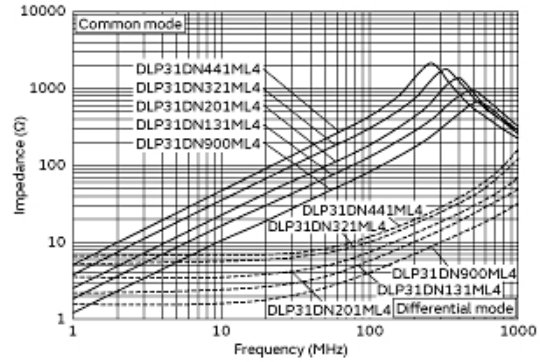
Impedance-Frequency Characteristics (Main Items)

Equivalent Circuit

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