

DLW32MH101XT2#

Note: This datasheet may be out of date.

Please download the latest datasheet of DLW32MH101XT2# from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en/products/productdetail?partno=DLW32MH101XT2%23>

"#" indicates a package specification code.

For 1000Base-T1






< List of part numbers with package codes >

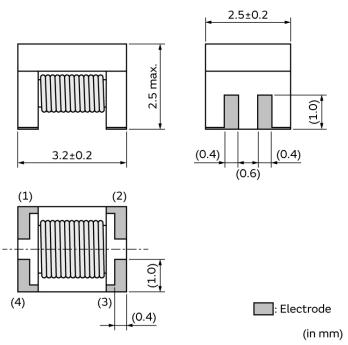
DLW32MH101XT2B

DLW32MH101XT2L

Applications

| | |
|--------------------------|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | <p>Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>Please refer to Our Website and 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.</p> |
| Recommended Applications | Automotive powertrain/safety equipment, Automotive Ethernet |

Appearance & Shape



Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| B | Bulk(Bag) | 500 |
| L | 180mm Embossed Tape | 1500 |

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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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Features

1. Suitable for noise suppression at car area networks.
2. Compliant with 1000Base-T1 of automotive Ethernet standard.
3. Wide operating temperature range meet automotive application.
(-40 to +125 degrees C)

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Specifications

| | |
|--|--|
| Shape | SMD |
| Size Code (in mm) | 3225 |
| Size Code (in inch) | 1210 |
| Length | 3.2mm |
| Length Tolerance | ±0.2mm |
| Width | 2.5mm |
| Width Tolerance | ±0.2mm |
| Thickness | 2.5mm |
| Thickness Tolerance | max. |
| Rated Current | 100mA |
| Derating of Rated Current | No |
| Rated Voltage | 50Vdc |
| Withstanding Voltage | 125Vdc |
| DC Resistance(max.) | 3.12Ω |
| DC Resistance | 2.6Ω±20% |
| Insulation Resistance(min.) | 10MΩ |
| Operating Temperature Range | -40°C to 125°C |
| Mass(typ.) | 0.064g |
| Number of Circuit | 1 |
| Common Mode Inductance | 100µH (Typ.) at 500mV,0. 1MHz 80µH -25%/+50% at 100mV,0. 1MHz |
| Operating Temperature Range(Self-temperature rise is included) | No |
| Brand | Murata |

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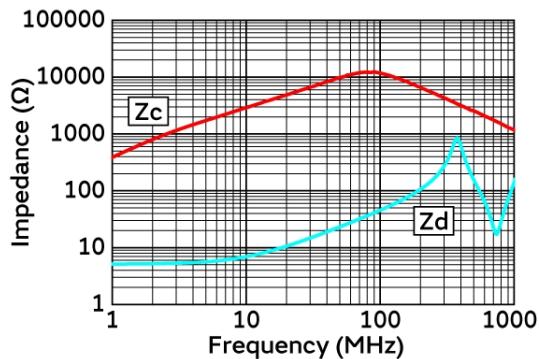
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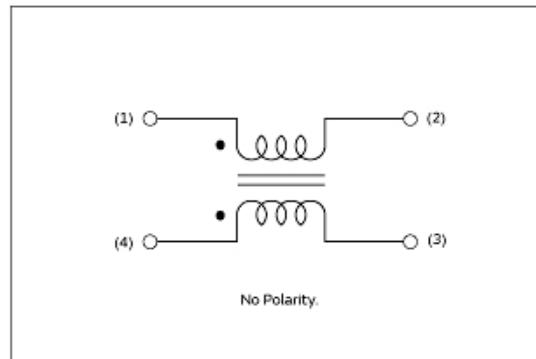
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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