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http://www.murata.com/en-gb/products/productdetail?partno=DLW43MH201XK2%23

DLW43MH201XK2#

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

For 100Base-T1

In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

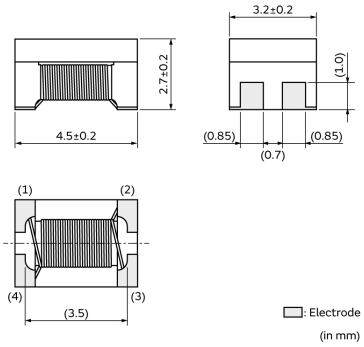
DLW43MH201XK2B DLW43MH201XK2K DLW43MH201XK2L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial Equipment 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.
Recommended Applications	Automotive powertrain/safety equipment, Automotive Ethernet

Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	100
K	330mm Embossed Tape	2500
L	180mm Embossed Tape	500

Attention
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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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DLW43MH201XK2#

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Features

1. Small size: L4.5xW3.2xT2.7mm (EIA code: 1812)
   Tolerance: 0.2mm
2. It realized common mode inductance of 200microH
   (at 0.1MHz) though it is small size.
3. Transfer mode conversion characteristics is properly improved.

Applications
Noise countermeasures for the automotive market, in particular for the vehicle LAN BroadR-Reach®

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Specifications

Shape	SMD
Size Code (in mm)	4532
Size Code (in inch)	1812
Length	4.5mm
Length Tolerance	±0.2mm
Width	3.2mm
Width Tolerance	±0.2mm
Thickness	2.7mm
Thickness Tolerance	±0.2mm
Rated Current	110mA
Derating of Rated Current	No
Rated Voltage	20Vdc
Withstanding Voltage	50Vdc
DC Resistance(max.)	4.5Ω
DC Resistance	4.5Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40℃ to 105℃
Mass(typ.)	0.16g
Number of Circuit	1
Common Mode Inductance	200μH-25%/+50% (at 0.1MHz)
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

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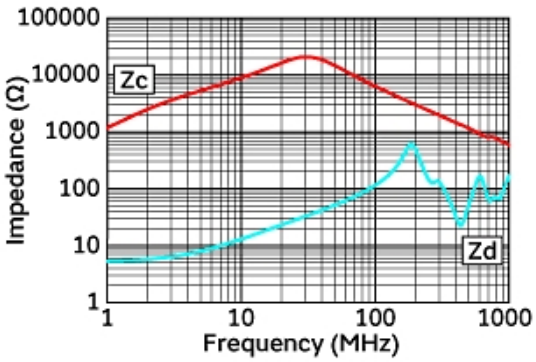
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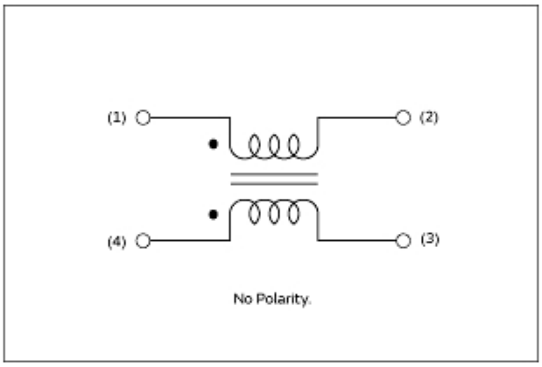
DLW43MH201XK2#

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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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