

DLW43SH101XP2#

“#” at the end indicates the package specification code.

Discontinued

AEC-Q200

RoHS

REACH

< List of part numbers with package codes >

DLW43SH101XP2B

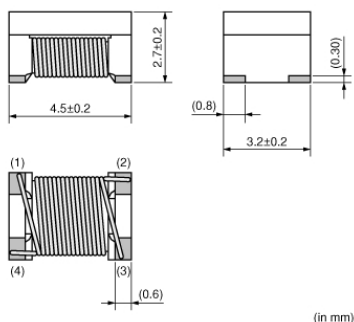
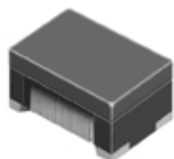
DLW43SH101XP2K

DLW43SH101XP2L

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, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector 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, CAN [Controller Area Network], FlexRay

Appearance & Shape



Packaging Information

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

Features

1. Small size: L4.5xW3.2xT2.7mm (EIA code: 1812)
Tolerance: +/-0.2mm
2. It realized common mode inductance of 100microH (at 0.1MHz) though it is small size.
3. Suitable for noise suppression from low frequency range (0.1MHz).

Applications

For Automotive.

Common mode noise suppression of automotive LAN for Flex Ray etc.

Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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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	170mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	2Ω
DC Resistance	2.0Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.17g
Number of Circuit	1
Common Mode Inductance	100μH-30%/+80% (at 0.1MHz)
Operating Temperature Range(Self-temperature rise is included)	No
Brand	Murata

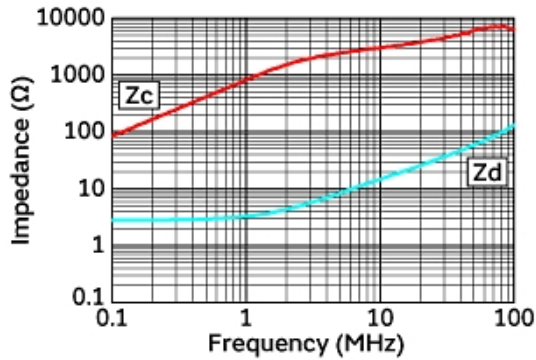
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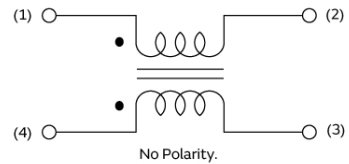
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Product Data

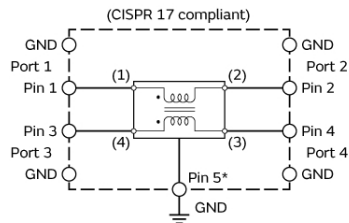


Impedance-Frequency Characteristics

Equivalent Circuit (Note 1)



Note1: The Port/Pin No. of the Simulation Model provided by our company is as follows.



S-parameter: Port □
SPICE model: Pin □ (Pin5* connect to GND)

Equivalent Circuit

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