

DLW43SH510XK2#

“#” indicates a package specification code.

For CAN

In Production

AEC-Q200

RoHS

REACH

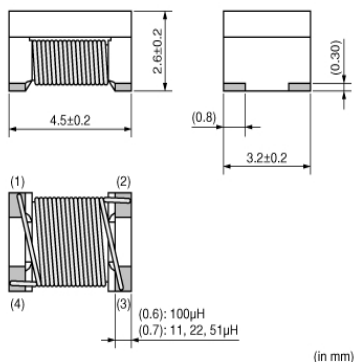
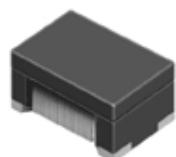
< List of part numbers with package codes >

DLW43SH510XK2K

DLW43SH510XK2L

DLW43SH510XK2B

Appearance & Shape



Packaging Information

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

Features

1. Small size: L4.5xW3.2xT2.6mm (EIAcode: 1812)
Tolerance: 0.2mm
2. Common mode inductance items of 11,22,51,100microH, and they can be used for each applications.

Applications

For Automotive.

Common mode noise suppression of automotive LAN for Flex Ray, CAN.

Applications

Automotive Usage	Powertrain/Safety
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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	2.6mm
Thickness Tolerance	±0.2mm
Rated Current	230mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	1Ω
DC Resistance	1.0Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40°C to 125°C
Mass(typ.)	0.17g
Number of Circuit	1
Common Mode Inductance	51μH-30%/+50% (at 1MHz)
Operating Temperature Range(Self-temperature rise is included)	No

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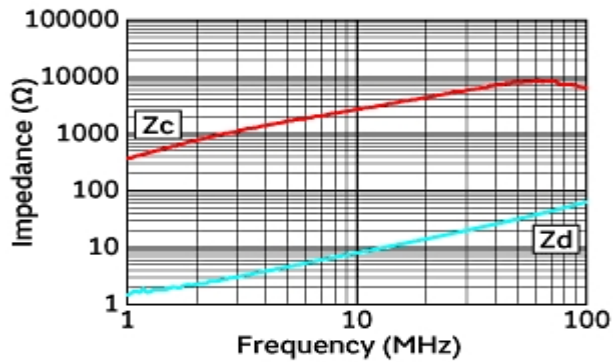
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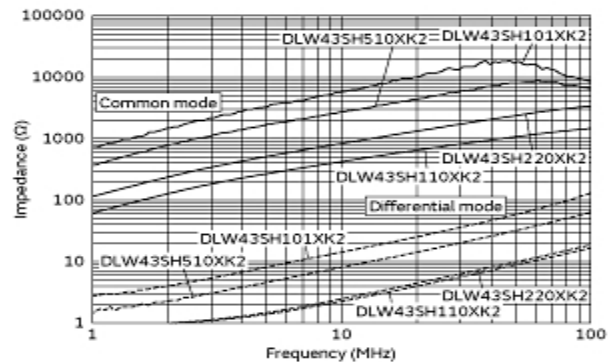
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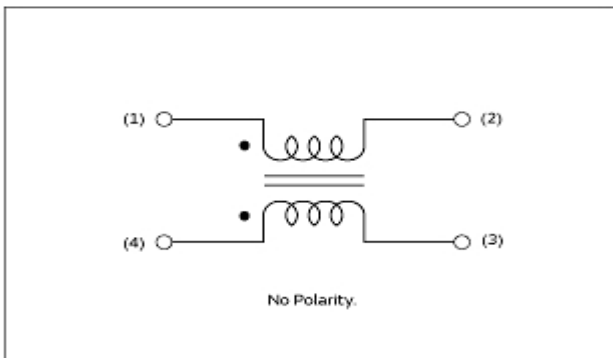
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Equivalent Circuit

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