

DLW43SH510XK2#

Note: This datasheet may be out of date. Please download the latest datasheet of DLW43SH510XK2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW43SH510XK2%23

"#" indicates a package specification code.

For CAN In Production AECQ200 RoHS REACH

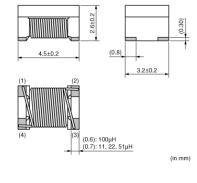
< List of part numbers with package codes > DLW43SH510XK2B DLW43SH510XK2K DLW43SH510XK2L



Appearance & Shape



Applications



Packaging Information

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



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.

Automotive Usage

Powertrain/Safety

1 of 3

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





DLW43SH510XK2#

Note: This datasheet may be out of date. Please download the latest datasheet of DLW43SH510XK2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW43SH510XK2%23

"#" indicates a package specification code.



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.)	10ΜΩ	
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	

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.







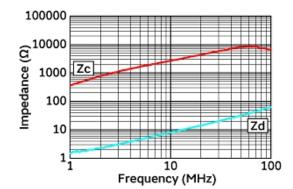
DLW43SH510XK2#

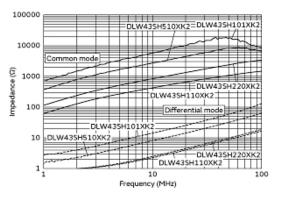
Note: This datasheet may be out of date. Please download the latest datasheet of DLW43SH510XK2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW43SH510XK2%23

"#" indicates a package specification code.

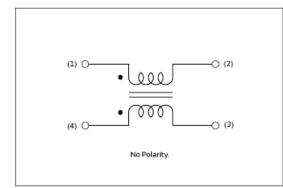






Impedance-Frequency Characteristics





Equivalent Circuit

3 of 3

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.



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

DLW43SH510XK2B DLW43SH510XK2L DLW43SH510XK2K