

DLW43SH510XK2#

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

#### "#" indicates a package specification code.

# For CAN In Production AECQ200 RoHS REACH

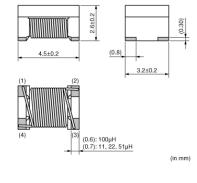
< List of part numbers with package codes > DLW43SH510XK2B DLW43SH510XK2K DLW43SH510XK2L



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

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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.)	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	

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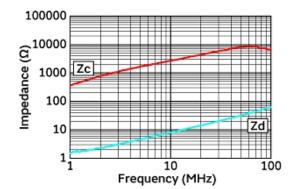
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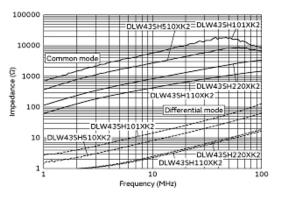
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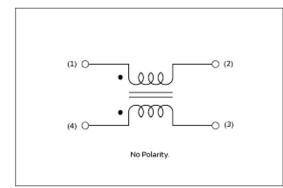






Impedance-Frequency Characteristics





**Equivalent Circuit** 

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