

# DLW43SH101XP2#

“#” indicates a package specification code.

In Production

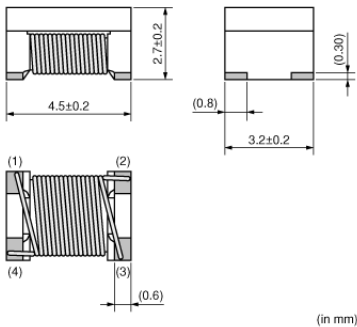
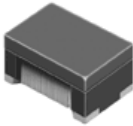
AEC-Q200

RoHS

REACH

< List of part numbers with package codes >  
DLW43SH101XP2K DLW43SH101XP2L DLW43SH101XP2B

## Appearance & Shape



## Packaging Information

| Packaging | Specifications      | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| K         | 330mm Embossed Tape | 2500                   |
| L         | 180mm Embossed Tape | 500                    |
| B         | Bulk(Bag)           | 100                    |

## Applications

|                  |                   |
|------------------|-------------------|
| Automotive Usage | Powertrain/Safety |
|------------------|-------------------|

**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.

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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 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.

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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                         |

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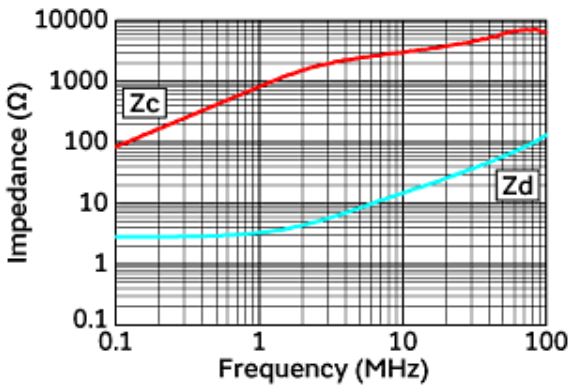
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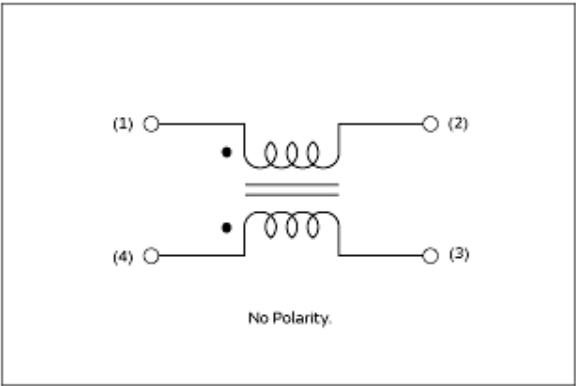
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## Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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