

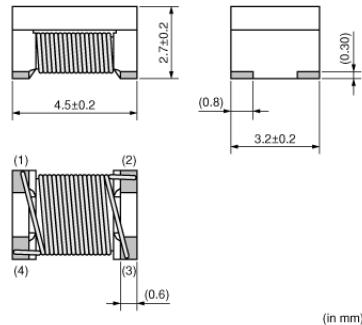
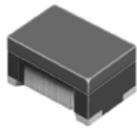
DLW43SH101XP2#

"#" 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

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- 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.

2 of 4

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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 |

3 of 4

Attention

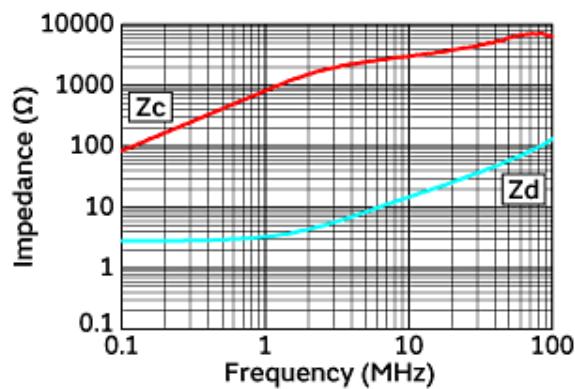
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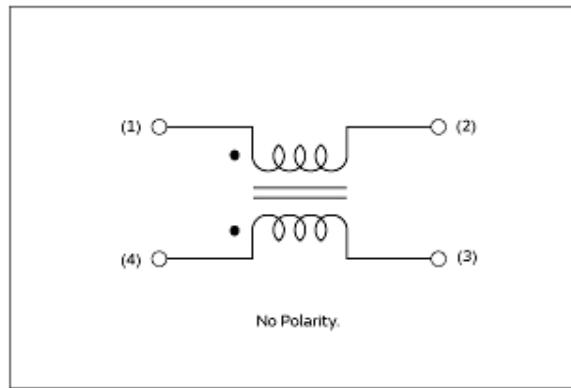
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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