

# DLW5BSZ801TQ2#

“#” indicates a package specification code.

In Production

AEC-Q200

RoHS

REACH

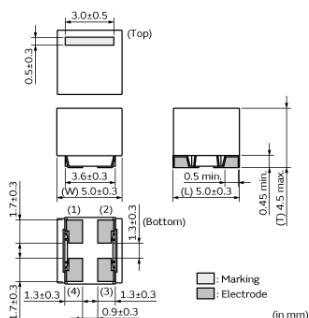
## < List of part numbers with package codes >

DLW5BSZ801TQ2B

DLW5BSZ801TQ2K

DLW5BSZ801TQ2L

## Appearance & Shape



## Packaging Information

| Packaging | Specifications      | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| B         | Bulk(Bag)           | 100                       |
| K         | 330mm Embossed Tape | 1500                      |
| L         | 180mm Embossed Tape | 400                       |

## Features

### Features

1. Small size (5.0x5.0mm) and high rated current (0.7 to 1.5A)
2. High common mode Impedance (max 2800ohm, at 10MHz.)
3. Operating Temperature Range -40°C to +105°C

## Applications

|                  |              |
|------------------|--------------|
| Automotive Usage | Infotainment |
|------------------|--------------|

### 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.

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## Specifications

|   |                |
|---|----------------|
| Shape                                       | SMD            |
| Size Code (in mm)                           | 5050           |
| Size Code (in inch)                         | 2020           |
| Length                                      | 5.0mm          |
| Length Tolerance                            | ±0.3mm         |
| Width                                       | 5.0mm          |
| Width Tolerance                             | ±0.3mm         |
| Thickness                                   | 4.5mm          |
| Thickness Tolerance                         | max.           |
| Common Mode Impedance (at 100MHz)           | 800Ω           |
| Common Mode Impedance (at 100MHz) Tolerance | (Typ.)         |
| Common Mode Impedance (at 10MHz)            | 550Ω           |
| Common Mode Impedance (at 10MHz) Tolerance  | ±40%           |
| Rated Current                               | 1.5A           |
| Derating of Rated Current                   | No             |
| Rated Voltage                               | 50Vdc          |
| Withstanding Voltage                        | 125Vdc         |
| DC Resistance(max.)                         | 0.056Ω         |
| DC Resistance                               | 0.056Ω max.    |
| Insulation Resistance(min.)                 | 10MΩ           |
| Operating Temperature Range                 | -40°C to 105°C |
| Mass(typ.)                                  | 0.3g           |
| Number of Circuit                           | 1              |

|  |        |
|--|--------|
| Operating Temperature Range(Self-temperature rise is included) | No     |
| Brand  | Murata |

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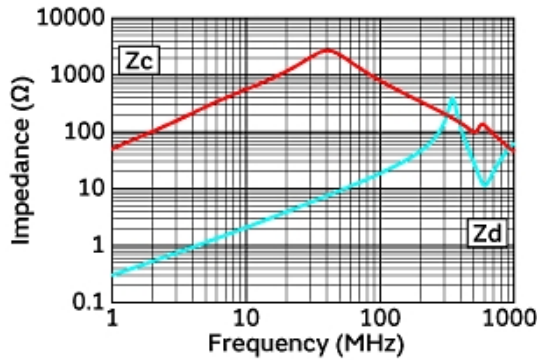
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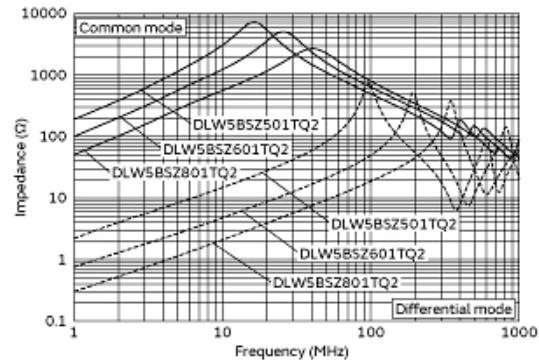
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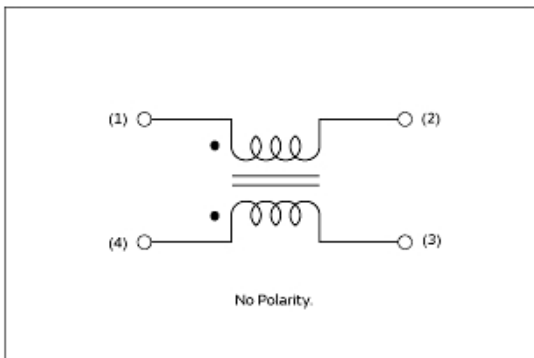
## Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics  
(Main Items)



Equivalent Circuit

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