

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of DLW5BSZ801TQ2# from the official website of Murata

ww.murata.com/en-us/products/productdetail?partno=DLW5BSZ801TQ2%23

### "#"at the end indicates the package specification code.

In Production RoHS 0200

DLW5BSZ801TQ2#

REACH

< List of part numbers with package codes > DLW5BSZ801TQ2B DLW5BSZ801TQ2K

DLW5BSZ801TQ2L



# Applications

	-
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment,Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual
	Product.
Recommended	Automotive infotainment/comfort
Applications	equipment



# Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	100
К	330mm Embossed Tape	1500
L	180mm Embossed Tape	400



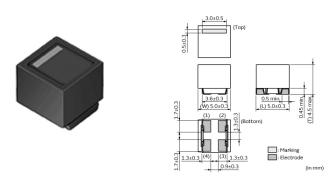
## **Features**

### 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



# Appearance & Shape



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





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# Specifications

DLW5BSZ801TQ2#

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	(Тур.)
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.)	10ΜΩ
Operating Temperature Range	-40°C to 105°C
Mass(typ.)	0.3g
Number of Circuit	1

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

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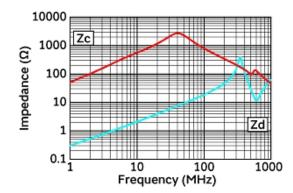
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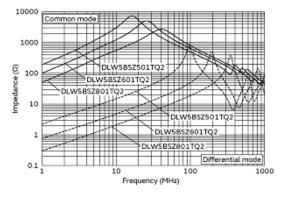
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# Product Data

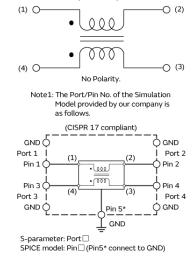
DLW5BSZ801TQ2#





Impedance-Frequency Characteristics

### Equivalent Circuit (Note 1)



Equivalent Circuit

Impedance-Frequency Characteristics (Main Items)

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