

DLW5ATZ231TQ2#

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Please download the latest datasheet of DLW5ATZ231TQ2# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=DLW5ATZ231TQ2%23

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









< List of part numbers with package codes >

DLW5ATZ231TQ2B

DLW5ATZ231TQ2K

DLW5ATZ231TQ2L



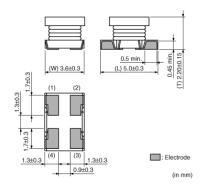
Applications

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



Appearance & Shape







Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	100
K	330mm Embossed Tape	2500
L	180mm Embossed Tape	700



Features

Low profile (h=2.35mm) chip common mode choke coil. Suitable for noise suppression at DC power lines.

Features

- 1. Low profile (h=2.35mm)
- 2. Small size (5.0x3.6mm)
- 3 · Large Current Available (1.5Ato 4A)
- 4. Operating Temperature Range:-40°C to +105°C

1 of 3

Attention

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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)	5036
Size Code (in inch)	2014
Length	5.0mm
Length Tolerance	±0.3mm
Width	3.6mm
Width Tolerance	±0.3mm
Thickness	2.2mm
Thickness Tolerance	±0.15mm
Common Mode Impedance (at 100MHz)	230Ω
Common Mode Impedance (at 100MHz) Tolerance	(Тур.)
Common Mode Impedance (at 10MHz)	22Ω
Common Mode Impedance (at 10MHz) Tolerance	±25%
Rated Current	2.5A
Derating of Rated Current	No
Rated Voltage	100Vdc
Withstanding Voltage	250Vdc
DC Resistance(max.)	0.027Ω
DC Resistance	0.027Ω max.
Insulation Resistance(min.)	10ΜΩ
Operating Temperature Range	-40°C to 105°C
Mass(typ.)	0.14g
Number of Circuit	1

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

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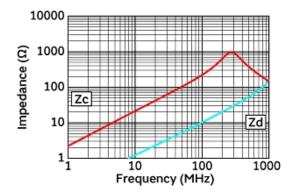
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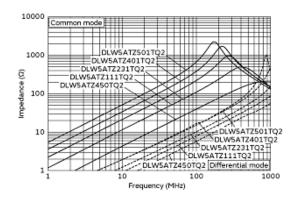
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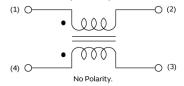
Product Data



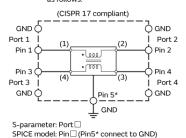


Impedance-Frequency Characteristics

■ Equivalent Circuit (Note 1)



Note1: The Port/Pin No. of the Simulation Model provided by our company is



Equivalent Circuit

Impedance-Frequency Characteristics (Main Items)

Equivalent Oncon

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