Note: This datasheet may be out of date.
Please download the latest datasheet of DLW5ATZ231TQ2# from the official website of Murata Manufacturing Co., Ltd.

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

DLW5ATZ231TQ2#

"#" indicates a package specification code.

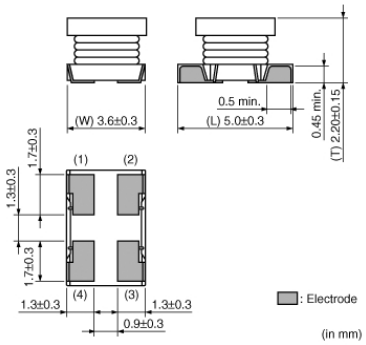
In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

DLW5ATZ231TQ2B DLW5ATZ231TQ2K DLW5ATZ231TQ2L

Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	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

Applications

Automotive Usage	Infotainment

Attention
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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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DLW5ATZ231TQ2#

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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	(Typ.)
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.)	10MΩ
Operating Temperature Range	-40℃ to 105℃
Mass(typ.)	0.14g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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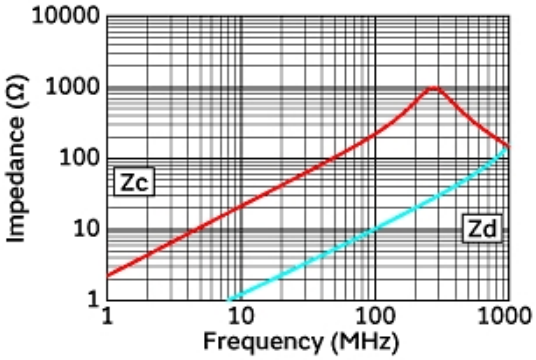
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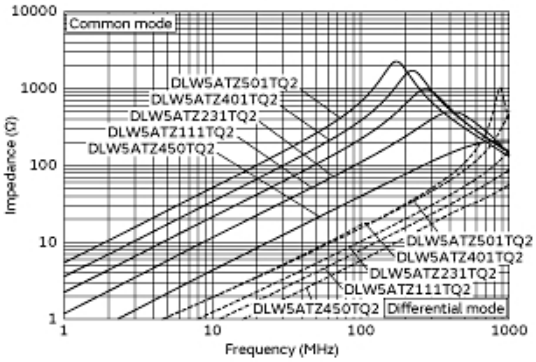
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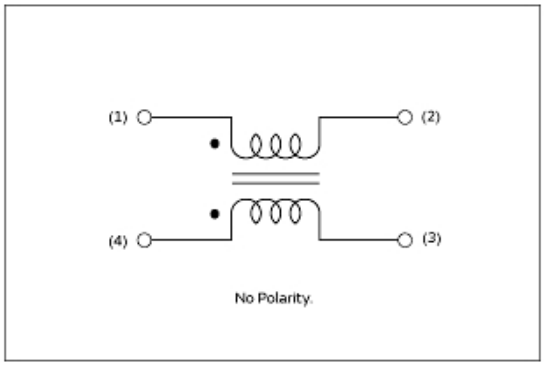
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

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