Note: This datasheet may be out of date.
Please download the latest datasheet of DLW5BSM302SQ2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=DLW5BSM302SQ2%23

DLW5BSM302SQ2#

"#" indicates a package specification code.

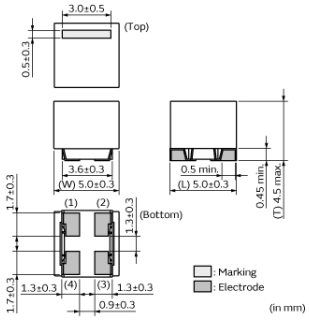
In Production RoHS REACH

< List of part numbers with package codes >

DLW5BSM302SQ2B DLW5BSM302SQ2K DLW5BSM302SQ2L

Appearance & Shape





Packaging Information

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

Applications

Other Usage	For general

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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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DLW5BSM302SQ2#

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Features

DLW5AH/5BS series is a high performance wound type chip common mode choke coil.

Features
1. High impedance (max. of 4000ohm at 100MHz: DLW5AH) enables great noise suppression.
2. Large rated current (max. of 5A) is suitable for power line use.
3. DLW5AH/BS series does not damage high speed signal due to high coupling common mode choke coil structure.
4. Automatic mounting can be applied.

Applications
1. DC power lines in AC adapters of Portable equipment
2. DC power lines of DC-DC converters, battery chargers

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DLW5BSM302SQ2#

"#" indicates a package specification code.

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)	3000Ω
Common Mode Impedance (at 100MHz) Tolerance	(Typ.)
Common Mode Impedance (at 10MHz)	300Ω
Common Mode Impedance (at 10MHz) Tolerance	min.
Rated Current	500mA
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	0.3Ω
DC Resistance	0.3Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40℃ to 85℃
Mass(typ.)	0.3g
Number of Circuit	1
Operating Temperature Range(Self-temperature rise is included)	No

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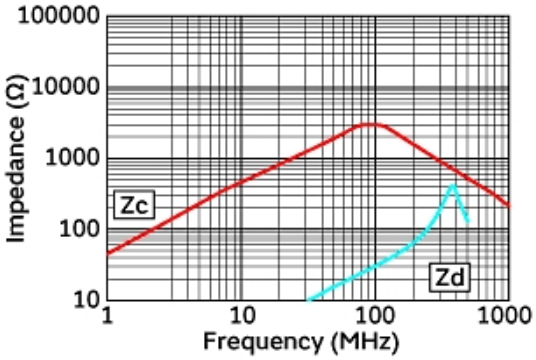
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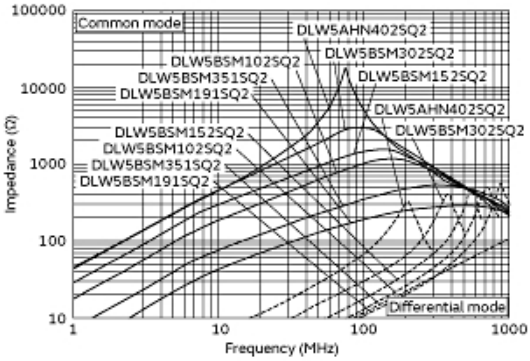
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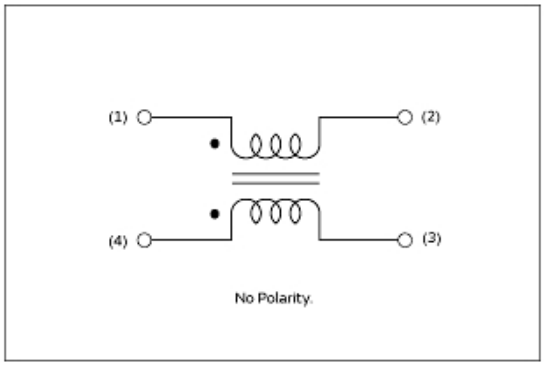
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics (Main Items)



Equivalent Circuit

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