

DLW5BSM102SQ2#

“#” indicates a package specification code.



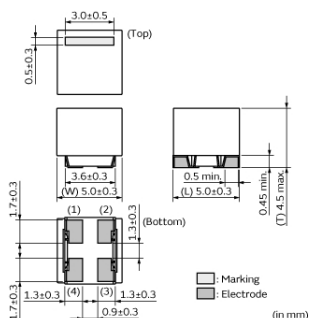
< List of part numbers with package codes >

DLW5BSM102SQ2B

DLW5BSM102SQ2K

DLW5BSM102SQ2L

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
-------------	-------------

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.

DLW5BSM102SQ2#

“#” indicates a package specification code.



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

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.

DLW5BSM102SQ2#

“#” indicates a package specification code.



Specifications

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

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)	1000Ω
Common Mode Impedance (at 100MHz) Tolerance	(Typ.)
Common Mode Impedance (at 10MHz)	100Ω
Common Mode Impedance (at 10MHz) Tolerance	min.
Rated Current	1.5A
Derating of Rated Current	No
Rated Voltage	50Vdc
Withstanding Voltage	125Vdc
DC Resistance(max.)	0.06Ω
DC Resistance	0.06Ω max.
Insulation Resistance(min.)	10MΩ
Operating Temperature Range	-40°C to 85°C
Mass(typ.)	0.3g
Number of Circuit	1

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.

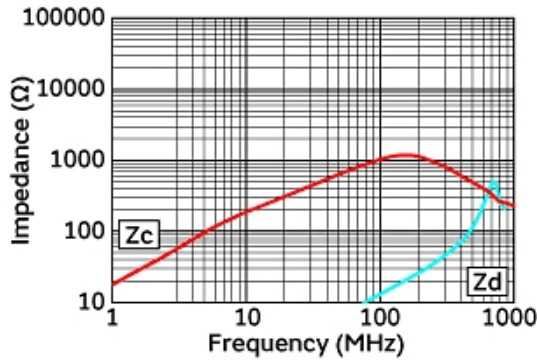
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

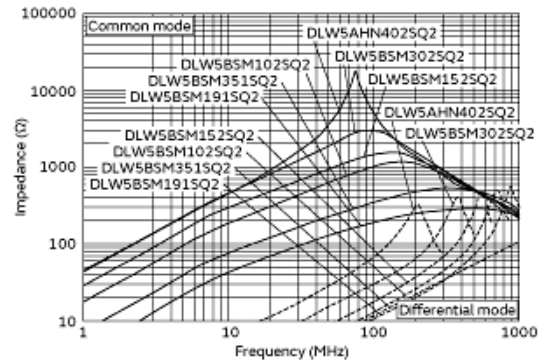
DLW5BSM102SQ2#

“#” indicates a package specification code.

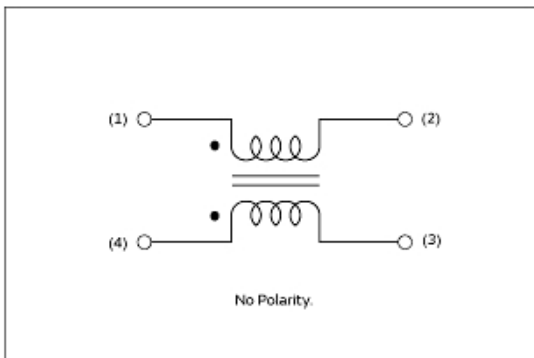
Product Data



Impedance-Frequency Characteristics



Impedance-Frequency Characteristics
(Main Items)



Equivalent Circuit

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

[DLW5BSM102SQ2L](#)