Noise Suppression Products/EMI Suppression Filters > Chip Common Mode Choke Coils > Wire Wound Type for Large Current

Impedance-Frequency Characteristics

DLW5BTN102SQ2

10

Packaging

180mm Embossed Tape

330mm Embossed Tape

Bulk(Bag)

DI W5BTN501S02

_W5BTN2

DLW5BTN142SQ2

DLW5BTN142SQ2

Frequency (MHz)

100

DLW5BTN251SC

Minimum Quantity

700

2500

100

1000

DLW5BTN501SQ2

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Data Sheet

Chip Common Mode Choke Coils Wire Wound Type for Large Current DLW5BT Series (2020 Size)

10000

1000

DLW5

Packaging
Code

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mpedance

Dimensions



Equivalent Circuit



■ Rated Value (□: packaging code)

Part Number	Common Mode Impedance (at 100MHz/20°C)	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	DC Resistance	Operating Temperature Range	Number of Circuit
DLW5BTN101SQ2	100ohm(Typ.)	6000mA	50Vdc	10M ohm	125Vdc	0.009ohm±40%	-25°C to 85°C	1
DLW5BTN251SQ2	250ohm(Typ.)	5000mA	50Vdc	10M ohm	125Vdc	0.014ohm±40%	-25°C to 85°C	1
DLW5BTN501SQ2	500ohm(Typ.)	4000mA	50Vdc	10M ohm	125Vdc	0.019ohm±40%	-25°C to 85°C	1
DLW5BTN102SQ2	1000ohm(Typ.)	2000mA	50Vdc	10M ohm	125Vdc	0.024ohm±40%	-25°C to 85°C	1
DLW5BTN142SQ2	1400ohm(Typ.)	1500mA	50Vdc	10M ohm	125Vdc	0.040ohm±40%	-25°C to 85°C	1

Continued on the following page.

• This data sheet is applied for CHIP COMMON MODE CHOKE COIL used for General Electronics equipment for your design.

A Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.



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Data Sheet

Continued from the preceding page.

Derating of Rated Current



■ ①Caution/Notice

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

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