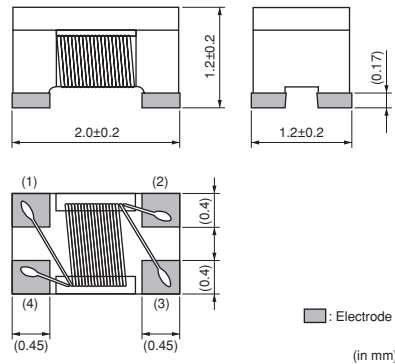


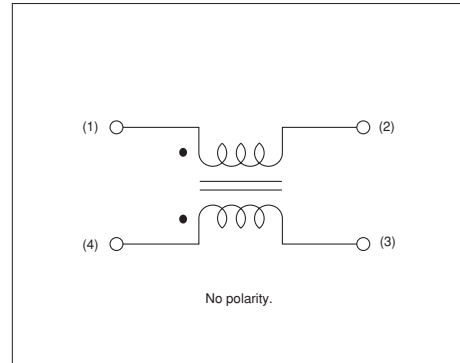
Common Mode Choke Coil Wire Wound Type

DLW21S Series (0805 Size)

■ Dimensions

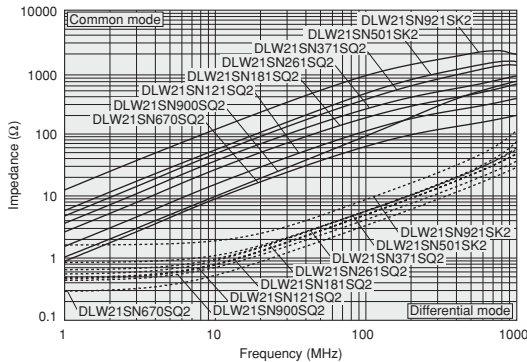


■ Equivalent Circuit



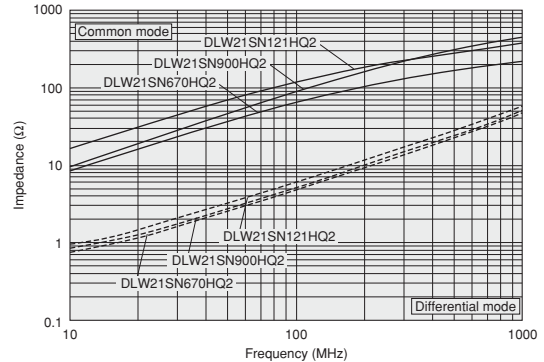
■ Impedance-Frequency Characteristics (Main Items)

DLW21SN_SQ/SK2 Series



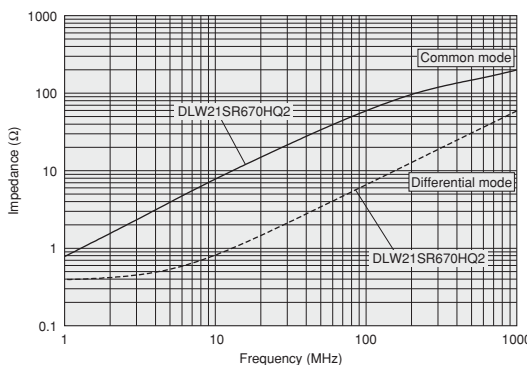
■ Impedance-Frequency Characteristics (Main Items)

DLW21SN_HQ2 Series



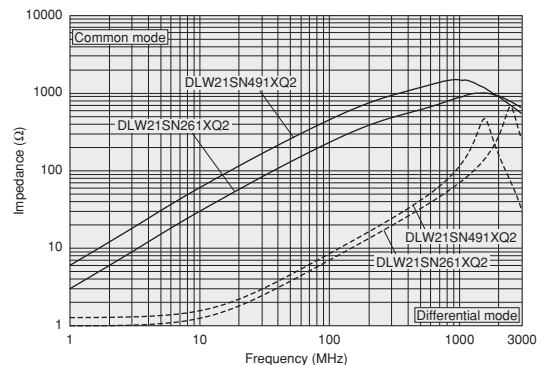
■ Impedance-Frequency Characteristics (Main Items)

DLW21SR_HQ2 Series



■ Impedance-Frequency Characteristics (Main Items)

DLW21SN_XQ2 Series



Continued on the following page.

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

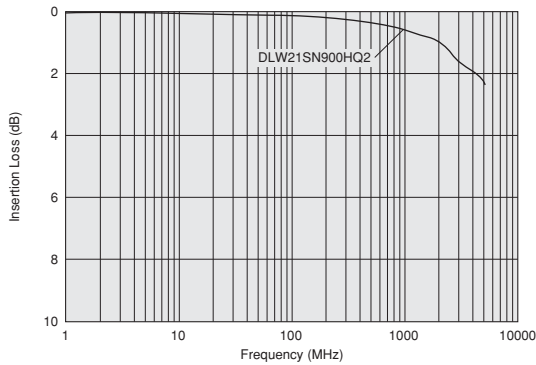
⚠ Note:

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

 Continued from the preceding page.

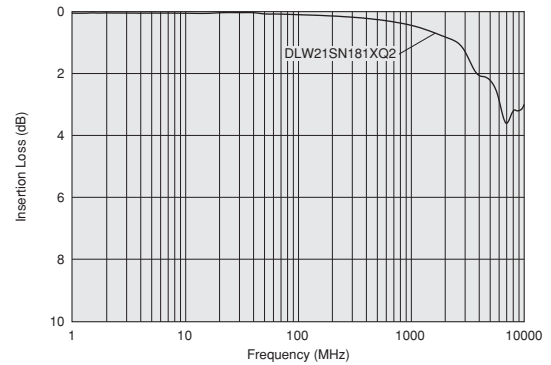
■ Differential Mode Transmission Characteristics (Typ.)

DLW21SN_HQ2 Series



■ Differential Mode Transmission Characteristics (Typ.)

DLW21SN_XQ2 Series



■ Packaging

| Code | Packaging | Minimum Quantity |
|------|---------------------|------------------|
| L | 180mm Embossed Tape | 2000 |
| B | Bulk(Bag) | 500 |

■ 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 |
|----------------|---|---------------|---------------|------------------------------|-------------------|---------------|--------------------------------|
| DLW21SN670SQ2□ | 67ohm ±25% | 400mA | 50Vdc | 10M ohm | 125Vdc | 0.25ohm max. | -40 to +85°C |
| DLW21SN900SQ2□ | 90ohm ±25% | 330mA | 50Vdc | 10M ohm | 125Vdc | 0.35ohm max. | -40 to +85°C |
| DLW21SN121SQ2□ | 120ohm ±25% | 370mA | 50Vdc | 10M ohm | 125Vdc | 0.30ohm max. | -40 to +85°C |
| DLW21SN181SQ2□ | 180ohm ±25% | 330mA | 50Vdc | 10M ohm | 125Vdc | 0.35ohm max. | -40 to +85°C |
| DLW21SN261SQ2□ | 260ohm ±25% | 300mA | 50Vdc | 10M ohm | 125Vdc | 0.40ohm max. | -40 to +85°C |
| DLW21SN371SQ2□ | 370ohm ±25% | 280mA | 50Vdc | 10M ohm | 125Vdc | 0.45ohm max. | -40 to +85°C |
| DLW21SN501SK2□ | 500ohm ±25% | 250mA | 50Vdc | 10M ohm | 125Vdc | 0.5ohm max. | -40 to +85°C |
| DLW21SN921SK2□ | 920ohm ±25% | 160mA | 50Vdc | 10M ohm | 125Vdc | 0.95ohm max. | -40 to +85°C |
| DLW21SN670HQ2□ | 67ohm ±25% | 320mA | 20Vdc | 10M ohm | 50Vdc | 0.31ohm max. | -40 to +85°C |
| DLW21SR670HQ2□ | 67ohm ±25% | 400mA | 20Vdc | 10M ohm | 50Vdc | 0.25ohm max. | -40 to +85°C |
| DLW21SN900HQ2□ | 90ohm ±25% | 280mA | 20Vdc | 10M ohm | 50Vdc | 0.41ohm max. | -40 to +85°C |
| DLW21SN121HQ2□ | 120ohm ±25% | 280mA | 20Vdc | 10M ohm | 50Vdc | 0.41ohm max. | -40 to +85°C |
| DLW21SN181XQ2□ | 180ohm ±25% | 240mA | 20Vdc | 10M ohm | 50Vdc | 0.39ohm max. | -40 to +85°C |
| DLW21SN261XQ2□ | 260ohm ±25% | 220mA | 20Vdc | 10M ohm | 50Vdc | 0.59ohm max. | -40 to +85°C |
| DLW21SN491XQ2□ | 490ohm ±25% | 190mA | 20Vdc | 10M ohm | 50Vdc | 0.77ohm max. | -40 to +85°C |

Number of Circuit: 1

■ ⚠ Caution/Notice

⚠ Caution (Rating)

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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