



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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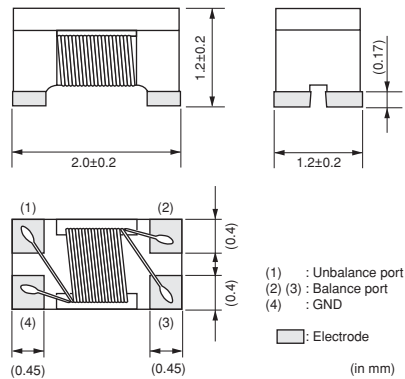
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



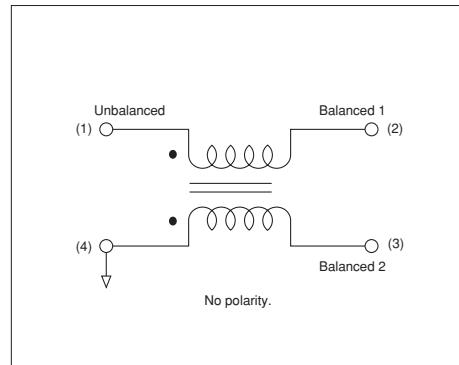
# Microchip Transformer (Balun) Wire Wound Type

## DXW21B Series (0805 Size)

### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

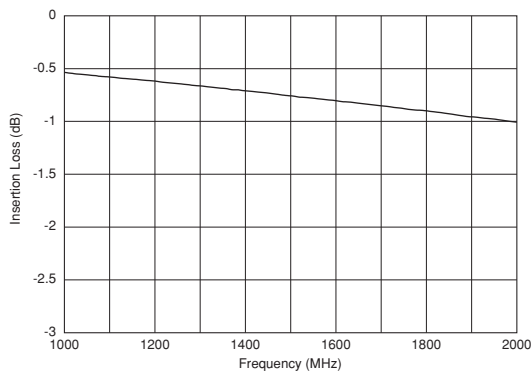
Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	2000
K	330mm Embossed Tape	10000
B	Bulk(Bag)	500

### ■ Rated Value (□: packaging code)

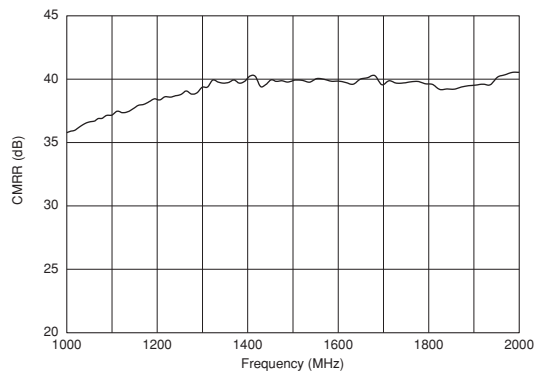
Part Number	Frequency Range	Port Impedance	Insertion Loss at Freq. Range (max.)	CMRR at Freq. Range (min.)	Rated Power	Operating Temperature Range
DXW21BN7511S□	1 to 1.5GHz	75 ohm - 75 ohm	1.4dB	20dB	27dBm	-40 to +85°C
DXW21BN7511T□	50 to 870MHz	75 ohm - 75 ohm	1.0dB	20dB	27dBm	-40 to +85°C

Only for reflow soldering.

### ■ Insertion Loss Characteristics DXW21BN7511S



### ■ CMRR Characteristics DXW21BN7511S




Continued on the following page.

● This data sheet is applied for Micro Chip Transformer used for General Electronics equipment for your design.

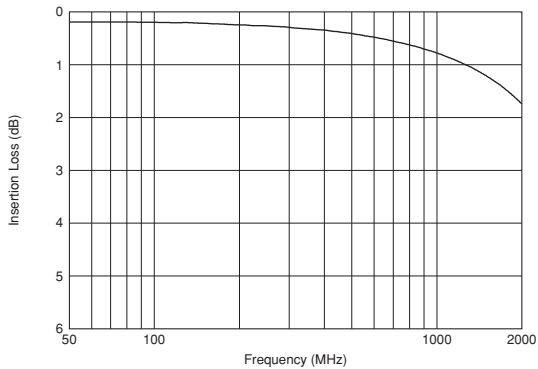
### ⚠ Note:

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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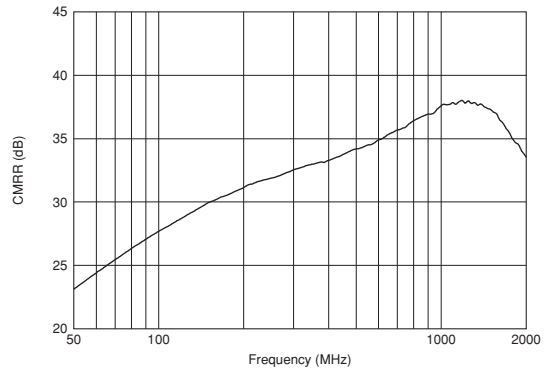
### ■ Insertion Loss Characteristics

DXW21BN7511T



### ■ CMRR Characteristics

DXW21BN7511T



### ■ ⚠ 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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