

# DXW21BN2511N#

“#” indicates a package specification code.

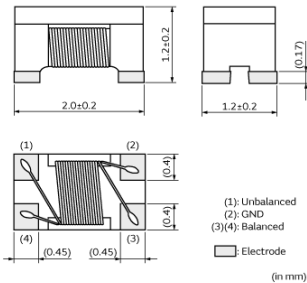
In Production

RoHS

REACH

< List of part numbers with package codes >  
DXW21BN2511NL DXW21BN2511NK DXW21BN2511NB

## Appearance & Shape



## Features

1. Ultra Miniature Wire Wound Transformer  
(2.0×1.2×1.2mm)
2. Low Insertion Loss
3. Wideband Frequency Range
4. Surface Mount

**Applications**  
TV tuners, Cable TV tuners and Communication application that require unbalance mode to balance mode conversion.

## Applications

Other Usage	For general
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
## Packaging Information

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

**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.  
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## Specifications

Operating Temperature Range	-40°C to 85°C	Insulation Resistance(min.)	10MΩ
Frequency Range	13.56MHz	Mass(typ.)	0.011g
Insertion Loss	1.0dB max.(at Freq. Range)		
Size Code (in mm)	2012		
Size Code (in inch)	0805		
Length	2mm		
Length Tolerance	±0.2mm		
Width	1.2mm		
Width Tolerance	±0.2mm		
Thickness	1.2mm		
Thickness Tolerance	±0.2mm		
Rated Voltage	20Vdc		
Withstanding Voltage	50Vdc		
Rated Current	250mA		
Port Impedance	25Ω - 25Ω		
CMRR(min.)	40dB		
DC Resistance(max.)	0.5Ω		

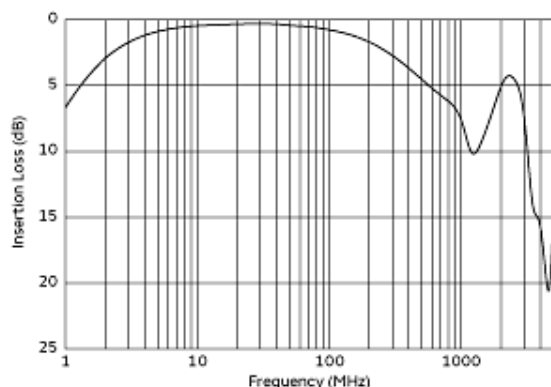
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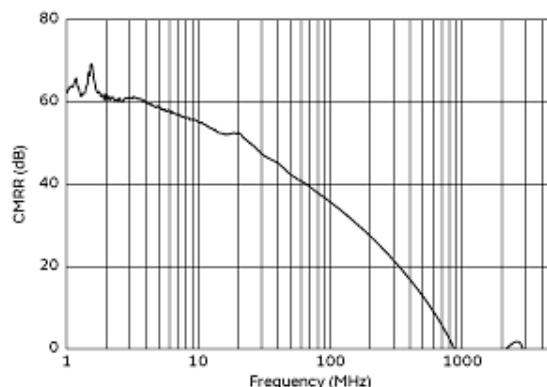
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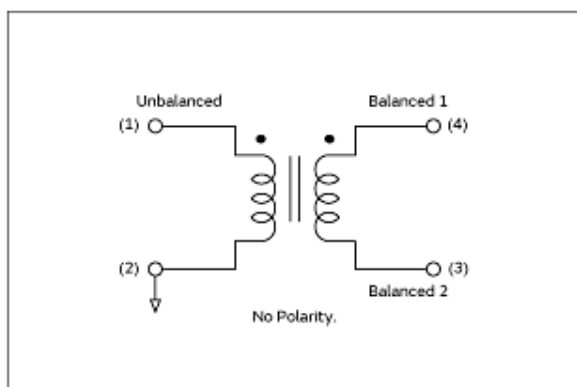
## Product Data



Insertion Loss Characteristics



CMRR Characteristics



Equivalent Circuit

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