

DXW21BN7511T#

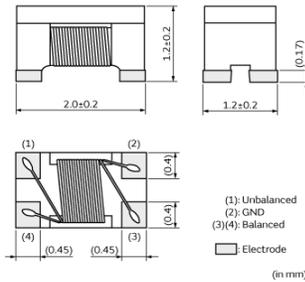
“#” indicates a package specification code.



< List of part numbers with package codes >

DXW21BN7511TL DXW21BN7511TK DXW21BN7511TB

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

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Specifications

Operating Temperature Range	-40°C to 85°C	Insulation Resistance(min.)	10MΩ
Frequency Range	50MHz to 1200MHz	Mass(typ.)	0.011g
Insertion Loss	50 to 870MHz:1.0dB max.(at Freq. Range) 870 to 1200MHz:1.2dB 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		
Power Rating	27dBm		
Rated Voltage	20Vdc		
Withstanding Voltage	50Vdc		
Port Impedance	75Ω - 75Ω		
CMRR(min.)	20dB		
DC Resistance(max.)	0.77Ω		

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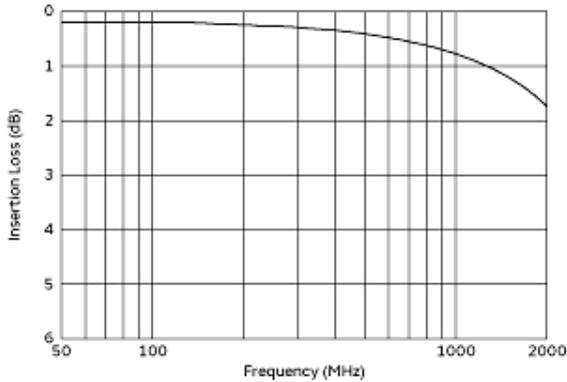
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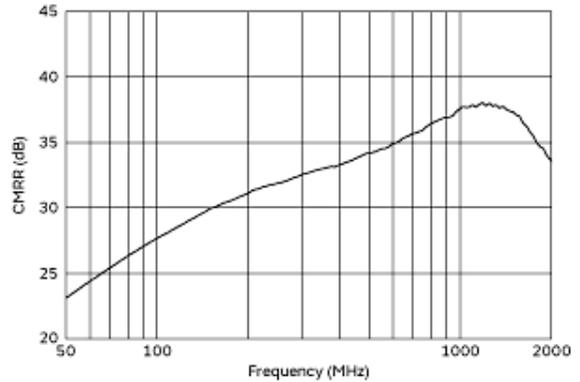
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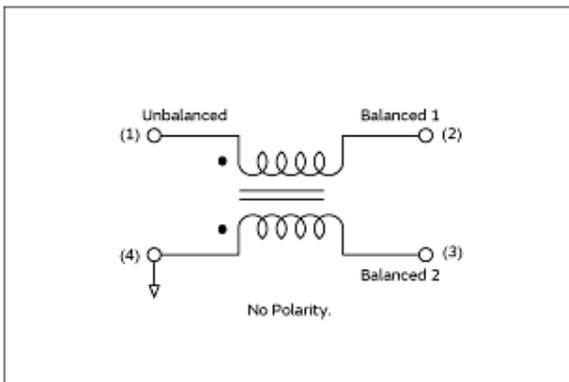
Product Data



Insertion Loss Characteristics



CMRR Characteristics



Equivalent Circuit

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