Product Search Data Sheet

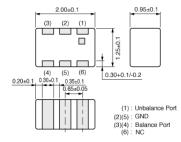


LDB215G2510C-001

In Production Recommended RoHS REACH

Appearance & Shape





* Terminal of "NC" should be connected the floating land. * All the technical data and information contained herein are subject to change without prior notice. (in mm)



Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	4000

Features

Note: This datasheet may be out of date

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Chip type SMD baluns constructed with copper conductor and ceramic material.

Ideal for high-frequency applications.

Small-size and low-loss baluns can be customized for the balance impedance of 500hm to 2000hm.

Please download the latest datasheet of LDB215G2510C-001 from the official website of Murata Manufacturing

https://www.murata.com/en-global/products/productdetail?partno=LDB215G2510C-001

- 1. Available in the 5150MHz to 5350MHz frequency range.
- 2. Impedance at balanced terminals is 50ohm.
- 3. Small, Low-profiled SMD.
- 4. Low loss.
- 5. Available in tape and reel packing for automatic mounting.

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

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Product Search Data Sheet

LDB215G2510C-001

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Co., Ltd. https://www.murata.com/en-global/products/productdetail?partno=LDB215G2510C-001

Specifications

Applications	WLAN	
Center Frequency	5250.00MHz	
Frequency Range	5150.00MHz to 5350.00MHz	
Insertion Loss I)	0.95dB max. (at 25℃)	
Insertion Loss II)	1.10dB max. (-40 to +85℃)	
Unbalance Impedance (Nom.)	50Ω	
Balance Impedance (Differential) (Nom.)	100Ω	
Unbalance Port VSWR	2.00 max. (Balance Port:at 100ohm)	
Power Capacity	0.5W	
Operating Temperature Range	-40℃ to 85℃	
L x W (size)	2.00x1.25mm	
Thickness(max.)	1.05mm	

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Attention

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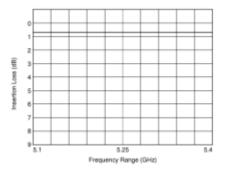
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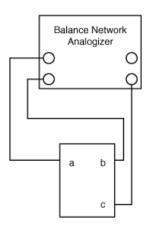
Product Search Data Sheet



LDB215G2510C-001

Product Data





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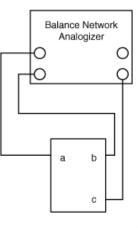
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Co., Ltd.

a : unbalance port b, c : balance port

Insertion Loss Characteristics

0 5 10 15 20 25 30 40 40 45,1 5,25 5,45 Frequency Range (GHz) Measurement Circuit of Insertion Loss



a : unbalance port b, c : balance port

Characteristics of Unbalance Port VSWR

Measurement Circuit of Unbalance Port VSWR

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Murata: LDB215G2510C-001