Product Search Data Sheet

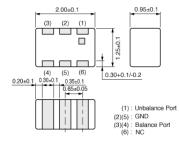


LDB212G4005C-001

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Note: This datasheet may be out of date

Co., Ltd.

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 LDB212G4005C-001 from the official website of Murata Manufacturing

https://www.murata.com/en-global/products/productdetail?partno=LDB212G4005C-001

- 1. Available in the 2300MHz to 2500MHz 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.

1 of 3



Product Search Data Sheet

LDB212G4005C-001

Note: This datasheet may be out of date

Please download the latest datasheet of LDB212G4005C-001 from the official website of Murata Manufacturing

Co., Ltd. https://www.murata.com/en-global/products/productdetail?partno=LDB212G4005C-001

# Specifications

Applications	WLAN BT	
Center Frequency	2400.00MHz	
Frequency Range	2300.00MHz to 2500.00MHz	
Insertion Loss I)	0.80dB max. (at 25°C)	
Insertion Loss II)	0.90dB max. (-40 to +85℃)	
Unbalance Impedance (Nom.)	50Ω	
Balance Impedance (Differential) (Nom.)	50Ω	
Unbalance Port VSWR	2.00 max. (Balance Port:at 50ohm)	
Power Capacity	0.5W	
Operating Temperature Range	-40℃ to 85℃	
L x W (size)	2.00x1.25mm	
Thickness(max.)	1.05mm	

2 of 3

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.

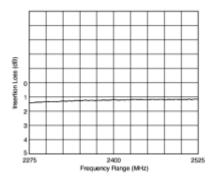
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering

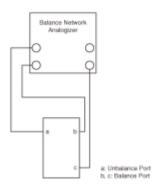
Product Search Data Sheet



## LDB212G4005C-001

Product Data





Please download the latest datasheet of LDB212G4005C-001 from the official website of Murata Manufacturing

https://www.murata.com/en-global/products/productdetail?partno=LDB212G4005C-001

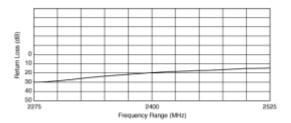
Note: This datasheet may be out of date

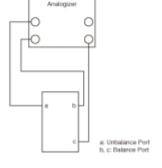
Co., Ltd.

Insertion Loss Characteristics



Balance Network





Characteristics of Unbalance Port VSWR

#### Measurement Circuit of Unbalance Port VSWR

3 of 3

Attention

 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.
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.



## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata: LDB212G4005C-001