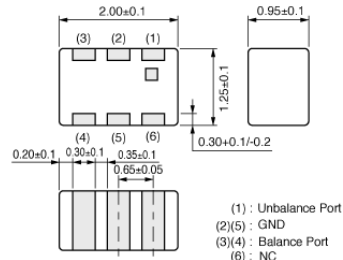


# LDB215G2510C-001

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)

## Features

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 50ohm to 200ohm.

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.

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	4000

### Attention

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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.

# LDB215G2510C-001



## Specifications

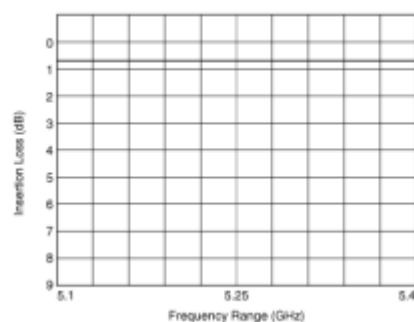
Applications	WLAN
Center Frequency	5250.00MHz
Frequency Range	5150.00MHz to 5350.00MHz
Insertion Loss I)	0.95dB max. (at 25°C)
Insertion Loss II)	1.10dB max. (-40 to +85°C)
Unbalance Impedance (Nom.)	50Ω
Balance Impedance (Differential) (Nom.)	100Ω
Unbalance Port VSWR	2.00 max. (Balance Port:at 100ohm)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

### Attention

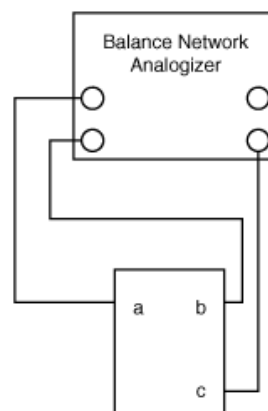
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# LDB215G2510C-001

## Product Data

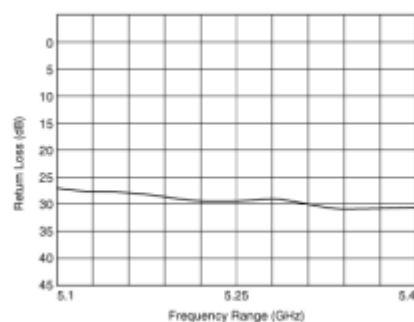


Insertion Loss Characteristics

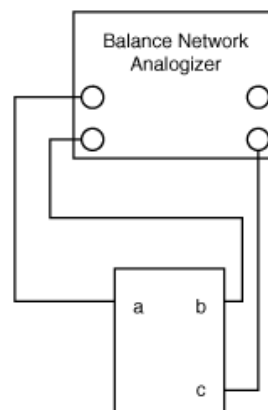


a : unbalance port  
b, c : balance port

Measurement Circuit of Insertion Loss



Characteristics of Unbalance Port VSWR



a : unbalance port  
b, c : balance port

Measurement Circuit of Unbalance Port VSWR

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