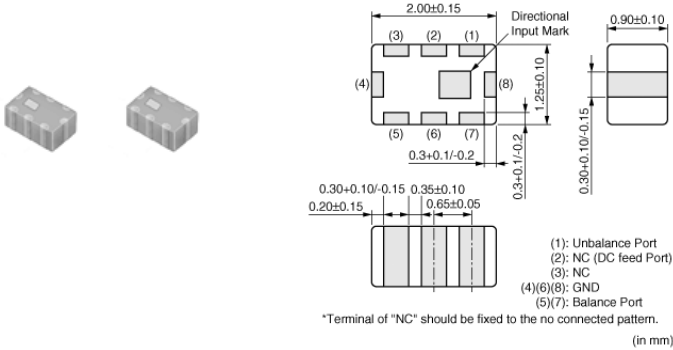


# LFB212G45BAAD023

In Production Recommended RoHS REACH

## Appearance & Shape

## Features



Ultra-small, low-profiled, lightweight chip filters based on ceramic multilayer technology.  
Extremely ultra-small band-pass filters.

1. Ultra-small, low-profiled, lightweight band-pass filters.
2. Absolutely no adjustment required.
3. Reflow solderable.
4. Available in tape and reel packagings for automatic mounting.
5. Applicable for applications using frequency in the 0.5GHz to 6.0GHz.

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	4000

### 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.

# LFB212G45BAAD023



## Specifications

Applications	WLAN BT
Nominal Center Frequency(fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	3.1dB max. (at 25°C)
Insertion Loss in BW II)	3.4dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	40dB min. at 880.00 to 960.00MHz
Attenuation(Absolute Value) II)	26dB min. at 1710.00 to 1880.00MHz
Attenuation(Absolute Value) III)	13.5dB min. at 1880.00 to 1990.00MHz
Attenuation(Absolute Value) IV)	24dB min. at 4800.00 to 5000.00MHz
Balance Impedance (Differential) (Nom.)	Conjugate match to Mediatek MT6611
Unbalance Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40°C to 85°C
L x W (size)	2.00x1.25mm
Thickness(max.)	1.0mm

### Attention

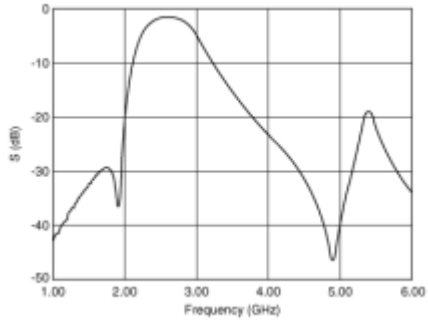
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## Product Data



Frequency Characteristics

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