Note: This datasheet may be out of date.
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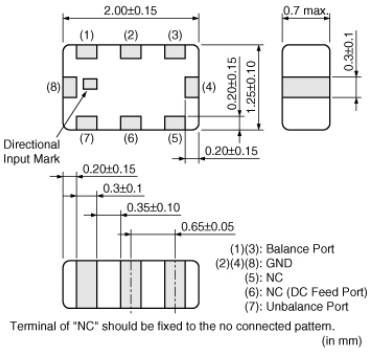
http://www.murata.com/en/products/productdetail?partno=LFB212G45BFBD169

# LFB212G45BFBD169

In Production | Recommended | RoHS | REACH

## Appearance & Shape






## Features

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

## Packaging Information

| Packaging | Specifications | Standard Packing 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.

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# LFB212G45BFBD169

## Specifications

| | |
|---|---|
| Applications | WLAN / for Bluetooth® products |
| Nominal Center Frequency (fo) | 2441.00MHz |
| Bandwidth(BW) | fo±39.00MHz |
| Insertion Loss in BW I) | 3.7dB max. (at 25℃) |
| Insertion Loss in BW II) | 3.9dB max. (-40～+85℃) |
| Attenuation(Absolute Value) I) | 35.0dB min. at 880.00 to 960.00MHz |
| Attenuation(Absolute Value) II) | 24.0dB min. at 1710.00 to 1990.00MHz |
| Attenuation(Absolute Value) III) | 37.0dB min. at 4800.00 to 5000.00MHz |
| Attenuation(Absolute Value) IV) | 27.0dB min. at 7200.00 to 7500.00MHz |
| Balance Impedance (Differential) (Nom.) | Conjugate match to CSR BC6888 |
| Unbalance Impedance (Nom.) | 50Ω |
| Power Capacity | 500mW |
| Operating Temperature Range | -40℃ to 85℃ |
| L x W (size) | 2.00x1.25mm |
| Thickness(max.) | 0.7mm |



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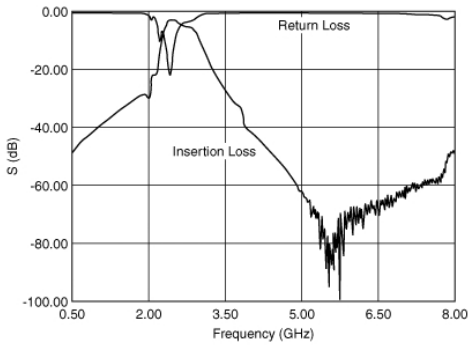
# LFB212G45BFBD169

## Product Data




Frequency Characteristics



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