

LFB182G45BG4D268

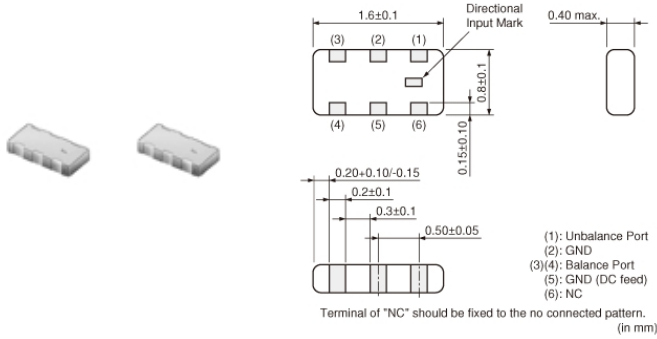
In Production

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.

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| - | 180mm Paper 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.

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Specifications

| | |
|---|--------------------------------------|
| Applications | WLAN |
| Nominal Center Frequency (fo) | 2450.00MHz |
| Bandwidth(BW) | fo±50.00MHz |
| Insertion Loss in BW I) | 2.4dB max. (at 25°C) |
| Insertion Loss in BW II) | 2.6dB max. (-40 ~ +85°C) |
| Attenuation(Absolute Value I) | 19.0dB min. at 4800.00 to 5000.00MHz |
| Attenuation(Absolute Value II) | 24.0dB min. at 7200.00 to 7500.00MHz |
| Balance Impedance (Differential) (Nom.) | Conjugate match to Nordic nRF24Lxxx |
| Unbalance Impedance (Nom.) | 50Ω |
| Power Capacity | 500mW |
| Operating Temperature Range | -40°C to 85°C |
| L x W (size) | 1.60x0.80mm |
| Thickness(max.) | 0.7mm |

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