

LFB182G45BG5D920

In Production **Recommended** **RoHS** **REACH**

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|------------------|------------------------|
| - | 180mm Paper Tape | 4000 |

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.
5. Available in the 2400MHz to 2500MHz frequency range.

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 | 2.4GHz Zigbee |
| Nominal Center Frequency(fo) | 2450.00MHz |
| Bandwidth(BW) | fo±50.00MHz |
| Insertion Loss in BW I) | 1.6dB max. (at 25°C) |
| Insertion Loss in BW II) | 1.8dB max. (-40 to +85°C) |
| Attenuation(Absolute Value)I) | 25dB min. at 4800.00 to 5000.00MHz |
| Attenuation(Absolute Value)II) | 25dB min. at 7200.00 to 7500.00MHz |
| Balance Impedance (Differential) (Nom.) | Conjugate match to TI CC26xx |
| Unbalance Impedance (Nom.) | 50Ω |
| Power Capacity | 500mW |
| Operating Temperature Range | -40°C to 85°C |
| L x W (size) | 1.60x0.80mm |
| Thickness(max.) | 0.65mm |

2 of 2

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