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# LFB182G45BG2D280

In Production | Recommended | RoHS | REACH

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B],Mobile Electronics<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B],Mobile Electronics |

## Packaging Information

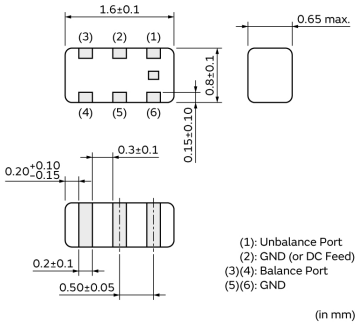
| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| - | 180mm Paper Tape | 4000 |

## 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.

## Appearance & Shape






**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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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# LFB182G45BG2D280

## Specifications

| | |
|---|---|
| Applications | W-LAN(TI CC253x CC254x CC8520) |
| Nominal Center Frequency (fo) | 2450.00MHz |
| Bandwidth(BW) | fo±50.00MHz |
| Insertion Loss in BW I) | 1.75dB max. (at 25℃) |
| Insertion Loss in BW II) | 1.95dB max. (-40～+85℃) |
| Attenuation(Absolute Value) I) | 19.0dB min. at 4800.00 to 5000.00MHz |
| Attenuation(Absolute Value) II) | 19.0dB min. at 7200.00 to 7500.00MHz |
| Balance Impedance (Differential) (Nom.) | Conjugate match to TI CC253x, CC254x, CC8520 |
| Unbalance Impedance (Nom.) | 50Ω |
| Power Capacity | 500mW |
| Operating Temperature Range | -40℃ to 85℃ |
| L x W (size) | 1.60x0.80mm |
| Thickness(max.) | 0.65mm |



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