

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of LFB215G12SG8A183 from the official website of Murata

LFB215G12SG8A183









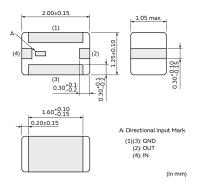


Applications

| Unsuitable | Please be sure to read and comply with |
|-----------------------------|--|
| Applications | these "Precautions for use." |
| Specific Applications | Consumer equipment, Industrial Equipment, Medical equipment [GHTF A/B], Mobile Electronics 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 |



Appearance & Shape





Packaging Information

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

1 of 2

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





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LFB215G12SG8A183 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LFB215G12SG8A1

LFB215G12SG8A183



Specifications

| Applications | WiFi |
|---------------------------------|---------------------------------------|
| Nominal Center Frequency (fo) | 5125.00MHz |
| Bandwidth(BW) | fo±225.00MHz |
| Insertion Loss in BW I) | 1.50dB max. (at 25°C) |
| Insertion Loss in BW II) | 1.80dB max. (-40 to +85°C) |
| Attenuation(Absolute Value) I) | 9.0dB min. at 4250.00MHz |
| Attenuation(Absolute Value) | 9.5dB min. at 5900.00MHz |
| Attenuation(Absolute Value) | 23.5dB min. at 9800.00 to 11700.00MHz |
| Ripple(max.) | 1.0dB |
| VSWR(max.) | 2.0 |
| Characteristic Impedance (Nom.) | 50Ω |
| Power Capacity | 500mW |
| Operating Temperature Range | -40°C to 85°C |
| L x W (size) | 2.00x1.25mm |
| Thickness(max.) | 1.05mm |

2 of 2

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.

