

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LFB212G49SG8B830 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFB212G49SG8B830

LFB212G49SG8B830









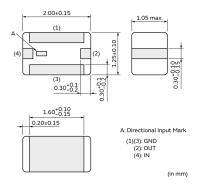


Applications

| 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

Attentior

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.





Product Search Data Sheet

Note: This datasheet may be out of date. $Please\ download\ the\ latest\ data sheet\ of\ LFB 212G49SG8B830\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFB212G49SG8B830

LFB212G49SG8B830



Specifications

| Applications | WiFi |
|---------------------------------|---|
| Nominal Center Frequency (fo) | 2495.00MHz |
| Bandwidth(BW) | fo±195.00MHz |
| Insertion Loss in BW I) | 2.40dB max. (at 25°C) |
| Insertion Loss in BW II) | 2.60dB max. (-40 to +85°C) |
| Attenuation(Absolute Value) I) | 30.0dB min. at 824.00 to 960. 00MHz |
| Attenuation(Absolute Value) | 9.0dB min. at 1710.00 to 1990. 00MHz |
| Attenuation(Absolute Value) | 30.0dB min. at 4600.00 to 5380.00MHz |
| Attenuation(Absolute Value) IV) | 30.0dB min. at 6900.00 to 8070.00MHz |
| Ripple(max.) | 1.5dB |
| VSWR(max.) | 2.1 |
| 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

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.

