

LFB215G12SG8A178

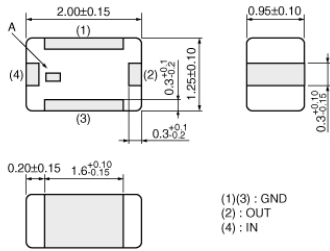
In Production

Recommended

RoHS

REACH

Appearance & Shape



A : Directional Input Mark

All the technical data and information contained herein are subject to change without prior notice.

(in mm)

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.
5. Available in the 4900MHz to 5350MHz frequency range.

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Embossed 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.

LFB215G12SG8A178



Specifications

Applications	WLAN / for Bluetooth® products
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)	25.0dB min. at 4200.00MHz
Attenuation(Absolute Value II)	17.0dB min. at 2x(fo±225)MHz
Ripple(max.)	1.2dB
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

Attention

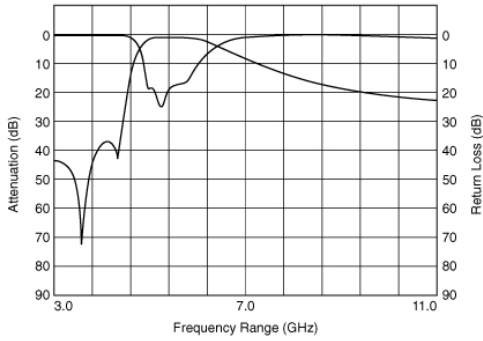
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

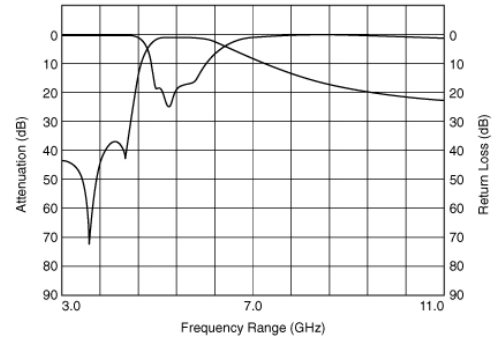
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

LFB215G12SG8A178

Product Data



Frequency Characteristics



Spurious Response

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.