Note: This datasheet may be out of date.
Please download the latest datasheet of LFB212G45SG8C341 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFB212G45SG8C341

LFB212G45SG8C341

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,Consumer equipment 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

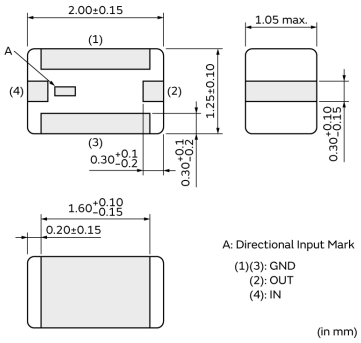
Packaging	Specifications	Standard Packing Quantity
-	180mm Embossed Tape	4000

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.

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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LFB212G45SG8C341

Specifications

Applications	WLAN
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	1.80dB max. (at 25℃)
Insertion Loss in BW II)	2.00dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	26.0dB min. at 1200.00 to 1300.00MHz
Attenuation(Absolute Value) II)	9.0dB min. at 2000.00MHz
Attenuation(Absolute Value) III)	11.0dB min. at 3000.00MHz
Attenuation(Absolute Value) IV)	22.0dB min. at 3600.00 to 3800.00MHz
Attenuation(Absolute Value) V)	29.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) VI)	29.0dB min. at 7200.00 to 7500.00MHz
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40℃ to 85℃
L x W (size)	2.00x1.25mm
Thickness(max.)	1.05mm

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