Note: This datasheet may be out of date.
Please download the latest datasheet of LFB212G45CG7D227 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LFB212G45CG7D227

LFB212G45CG7D227

In Production | Recommended | RoHS | REACH

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.

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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LFB212G45CG7D227

Specifications

Applications	WLAN
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	1.50dB max. (at 25℃)
Insertion Loss in BW II)	1.80dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	35.0dB min. at 824.00 to 960.00MHz
Attenuation(Absolute Value) II)	28.0dB min. at 1540.00 to 1605.00MHz
Attenuation(Absolute Value) III)	30.0dB min. at 1710.00 to 1990.00MHz
Attenuation(Absolute Value) IV)	30.0dB min. at 2170.00MHz
Attenuation(Absolute Value) V)	6.0dB min. at 3200.00MHz
Attenuation(Absolute Value) VI)	30.0dB min. at 4800.00 to 4967.00MHz
Attenuation(Absolute Value) VII)	20.0dB min. at 5150.00 to 6000.00MHz
Attenuation(Absolute Value) VIII)	18.0dB min. at 7200.00 to 7450.50MHz
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40℃ to 85℃
L x W (size)	2.00x1.25mm
Thickness(max.)	0.95mm

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