

LFB182G45CGFD436



Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

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 2400MHz to 2500MHz frequency range.

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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Specifications

Applications	WLAN	Operating Temperature Range	-40°C to 85°C
Nominal Center Frequency(fo)	2450.00MHz	L x W (size)	1.60x0.80mm
Bandwidth(BW)	fo±50.00MHz	Thickness(max.)	0.65mm
Insertion Loss in BW I)	2.60dB max. (at 25°C)		
Insertion Loss in BW II)	2.80dB max. (-40 to +85°C)		
Attenuation(Absolute Value) I)	40.0dB min. at 0.00 to 1610.00MHz		
Attenuation(Absolute Value) II)	38.0dB min. at 1710.00 to 1785.00MHz		
Attenuation(Absolute Value) III)	36dB min. at 1805.00 to 1990.00MHz		
Attenuation(Absolute Value) IV)	30.0dB min. at 2010.00 to 2170.00MHz		
Attenuation(Absolute Value) V)	35.0dB min. at 4800.00 to 5825.00MHz		
Attenuation(Absolute Value) VI)	30.0dB min. at 7200.00 to 7500.00MHz		
Attenuation(Absolute Value) VII)	30.0dB min. at 9600.00 to 10000.00MHz		
Attenuation(Absolute Value) VIII)	30.0dB min. at 12000.00 to 12500.00MHz		
VSWR(max.)	1.7		
Characteristic Impedance(Nom.)	50Ω		
Power Capacity	500mW		

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