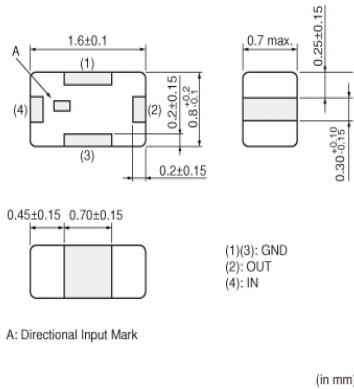


LFB185G37CF2D114



Appearance & Shape



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 5840MHz frequency range.


Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper 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.

LFB185G37CF2D114



Specifications

Applications	WLAN
Nominal Center Frequency (fo)	5370.00MHz
Bandwidth(BW)	fo±470.00MHz
Insertion Loss in BW I)	1.50dB max. (at 25°C)
Insertion Loss in BW II)	1.70dB max. (-40 to +85°C)
Attenuation(Absolute Value I)	33.0dB min. at 100.00 to 2170.00MHz
Attenuation(Absolute Value II)	29.0dB min. at 2170.00 to 2500.00MHz
Attenuation(Absolute Value III)	32.0dB min. at 9800.00 to 12000.00MHz
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	1W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.65mm

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.

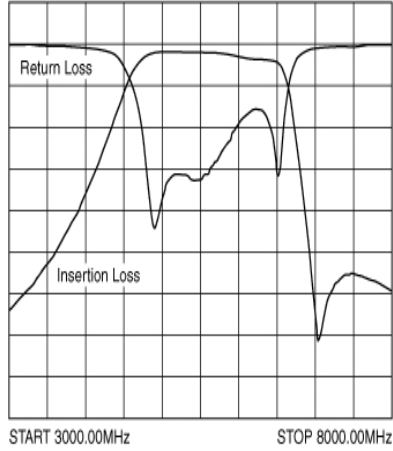
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

LFB185G37CF2D114

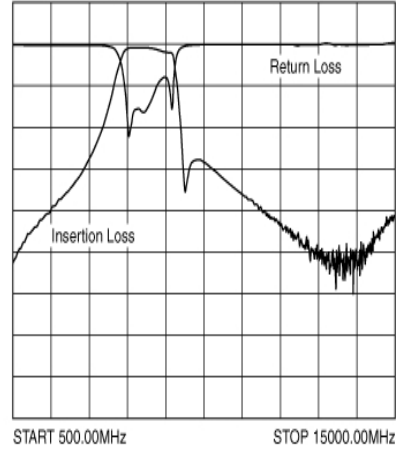
Product Data

S11 logMAG 5dB/REF 0dB
S21 logMAG 5dB/REF 0dB



Frequency Characteristics

S11 logMAG 10dB/REF 0dB
S21 logMAG 10dB/REF 0dB



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.