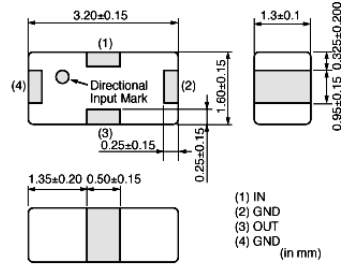


LFB312G45SP1A502



Appearance & Shape



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

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.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	3000

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.

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Specifications

Applications	WLAN BT	L x W (size)	3.20x1.60mm
Nominal Center Frequency(fo)	2450.00MHz	Thickness(max.)	1.4mm
Bandwidth(BW)	fo±50.00MHz		
Insertion Loss in BW I)	1.20dB max. (at 25°C)		
Insertion Loss in BW II)	1.50dB max. (-40 to +85°C)		
Attenuation(Absolute Value) I)	20.0dB min. at 902.00 to 928.00MHz		
Attenuation(Absolute Value) II)	35.0dB min. at 1500.00 to 1550.00MHz		
Attenuation(Absolute Value) III)	30.0dB min. at 1800.00 to 1900.00MHz		
Attenuation(Absolute Value) IV)	6.0dB min. at 2150.00 to 2200.00MHz		
Attenuation(Absolute Value) V)	20.0dB min. at 4800.00 to 5000.00MHz		
Attenuation(Absolute Value) VI)	20.0dB min. at 7200.00 to 7500.00MHz		
Ripple(max.)	0.6dB		
VSWR(max.)	2.0		
Characteristic Impedance(Nom.)	50Ω		
Power Capacity	500mW		
Operating Temperature Range	-40°C to 85°C		

Attention

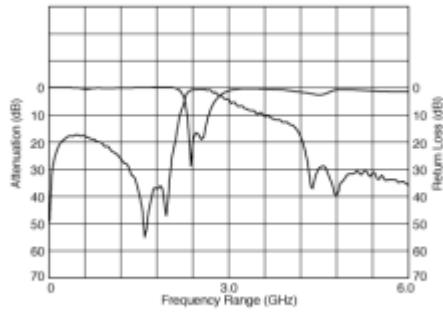
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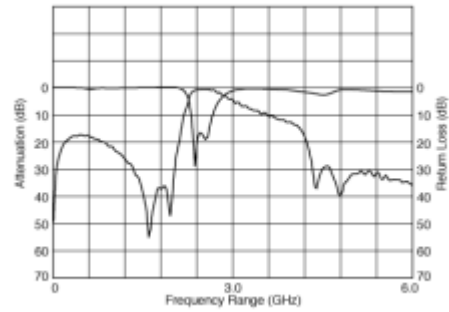
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Product Data



Frequency Characteristics



Spurious Response

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