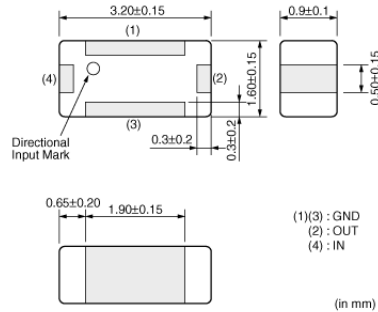


LFB312G45SG7A572

In Production Recommended RoHS REACH

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
Nominal Center Frequency(fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	2.5dB max. (at 25°C)
Insertion Loss in BW II)	2.8dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	37dB min. at 902.00 to 928.00MHz
Attenuation(Absolute Value) II)	20dB min. at 2100.00 to 2200.00MHz
Attenuation(Absolute Value) III)	35dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) IV)	18dB min. at 7200.00 to 7500.00MHz
Ripple(max.)	1.0dB
VSWR(max.)	2.0
Characteristic Impedance(Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40°C to 85°C
L x W (size)	3.20x1.60mm
Thickness(max.)	1.0mm

Attention

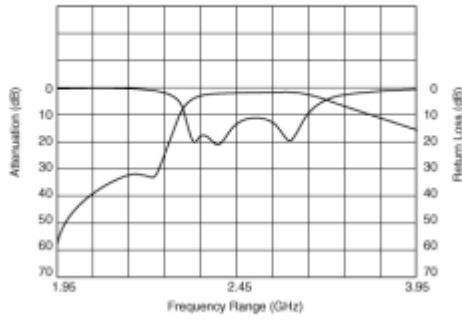
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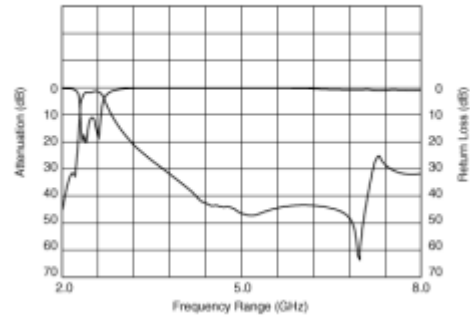
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Product Data



Frequency Characteristics



Spurious Response

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