

LFB2H2G45SG7A159

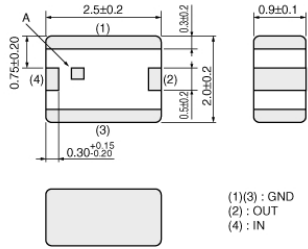
In Production

Recommended

RoHS

REACH

Appearance & Shape



A : Directional Input Mark

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

(in mm)

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	Standard Packing Quantity
-	180mm Embossed Tape	3000

Attention

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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

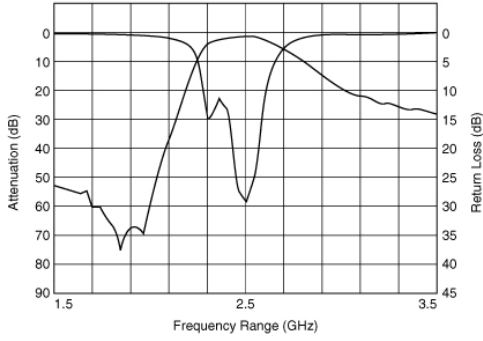
Applications	WLAN / for Bluetooth® products
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	2.10dB max. (at 25°C)
Insertion Loss in BW II)	2.40dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	45.0dB min. at 824.00 to 915.00MHz
Attenuation(Absolute Value) II)	43.0dB min. at 915.00 to 960.00MHz
Attenuation(Absolute Value) III)	48.0dB min. at 1710.00 to 1990.00MHz
Attenuation(Absolute Value) IV)	20.0dB min. at 2110.00 to 2170.00MHz
Attenuation(Absolute Value) V)	30.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) VI)	36.0dB min. at 7200.00 to 7500.00MHz
Ripple(max.)	1.2dB
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40°C to 85°C
L x W (size)	2.50x2.00mm
Thickness(max.)	1.0mm

Attention

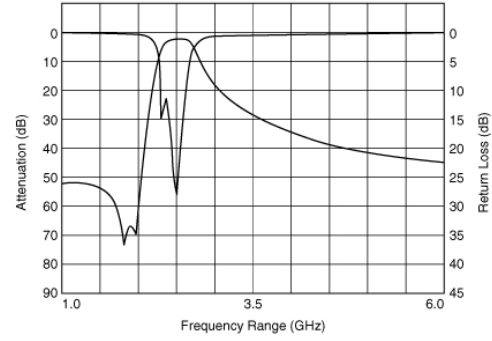
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Product Data



Frequency Characteristics



Spurious Response

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