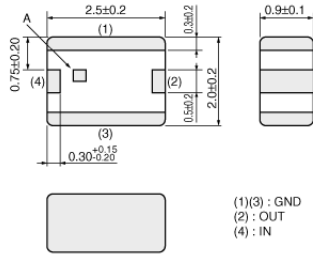


LFB2H2G45SG7C093

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	Minimum Order Quantity
-	180mm Embossed Tape	4000

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 BT	VSWR(max.)	2.0
Nominal Center Frequency(fo)	2450.00MHz	Characteristic Impedance(Nom.)	50Ω
Bandwidth(BW)	fo±50.00MHz	Power Capacity	1W
Insertion Loss in BW I)	2.10dB max. (at 25°C)	Operating Temperature Range	-40°C to 85°C
Insertion Loss in BW II)	2.40dB max. (-40 to +85°C)	L x W (size)	2.50x2.00mm
Attenuation(Absolute Value) I)	45dB min. at 824.00 to 915.00MHz	Thickness(max.)	1.0mm
Attenuation(Absolute Value) II)	43.0dB min. at 915.00 to 960.00MHz		
Attenuation(Absolute Value) III)	40.0dB min. at 1570.00 to 1580.00MHz		
Attenuation(Absolute Value) IV)	48.0dB min. at 1710.00 to 1990.00MHz		
Attenuation(Absolute Value) V)	20.0dB min. at 2110.00 to 2170.00MHz		
Attenuation(Absolute Value) VI)	12.0dB min. at 3168.00 to 4752.00MHz		
Attenuation(Absolute Value) VII)	30.0dB min. at 4800.00 to 5000.00MHz		
Attenuation(Absolute Value) VIII)	30.0dB min. at 5150.00 to 6000.00MHz		
Attenuation(Absolute Value) IX)	35.0dB min. at 6336.00 to 7920.00MHz		
Ripple(max.)	1.2dB		

Attention

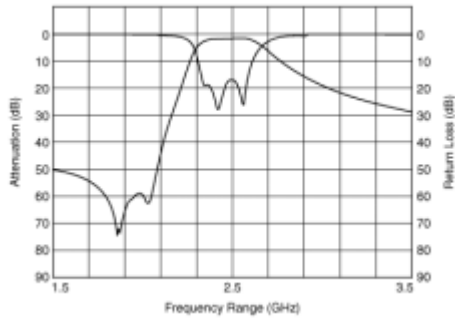
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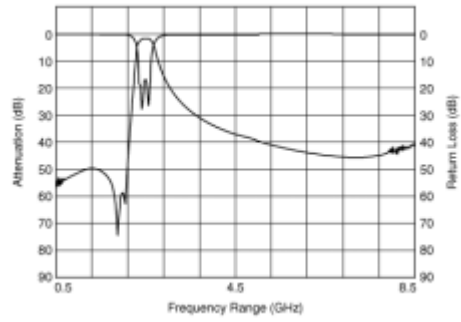
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Product Data



Frequency Characteristics



Spurious Response

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