

LFB182G45SG9A246

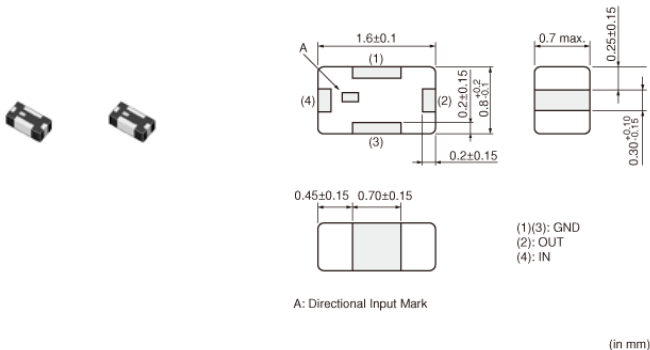
In Production

Recommended

RoHS

REACH

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. Applicable for applications using frequency in the 0.5GHz to 6.0GHz.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

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.

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Specifications

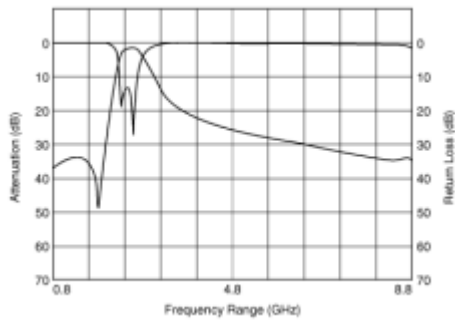
Applications	WLAN BT
Nominal Center Frequency(fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	2.2dB max. (at 25°C)
Insertion Loss in BW II)	2.5dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	24.5dB min. at 880.00 to 960.00MHz
Attenuation(Absolute Value) II)	12.5dB min. at 1710.00 to 1990.00MHz
Attenuation(Absolute Value) III)	15.5dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) IV)	19.5dB min. at 7200.00 to 7500.00MHz
Ripple(max.)	1.5dB
VSWR(max.)	2.1
Characteristic Impedance(Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40°C to 85°C
Length_Width (size)	1.60x0.80mm
Thickness(max.)	0.7mm

Attention

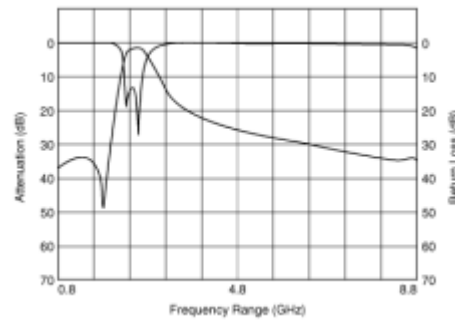
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Product Data



Frequency Characteristics



Spurious Response

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