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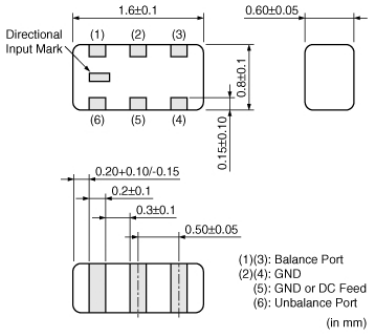
http://www.murata.com/en/products/productdetail?partno=LFB182G45BG1D073

LFB182G45BG1D073

In Production | Recommended | RoHS | REACH

Appearance & Shape





Features

Ultra-small, low-profiled, lightweight chip filters based on ceramic multilayer technology.
Extremely ultra-small band-bass 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.

Packaging Information

Packaging	Specifications	Standard Packing 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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LFB182G45BG1D073

Specifications

Applications	WLAN / for Bluetooth® products
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	1.8dB max. (at 25℃)
Insertion Loss in BW II)	2.0dB max. (-40～+85℃)
Attenuation(Absolute Value) I)	20.0dB min. at 824.00 to 915.00MHz
Attenuation(Absolute Value) II)	4.0dB min. at 1850.00 to 1910.00MHz
Attenuation(Absolute Value) III)	2.0dB min. at 1920.00 to 1980.00MHz
Attenuation(Absolute Value) IV)	15.0dB min. at 4800.00 to 6000.00MHz
Balance Impedance (Differential) (Nom.)	Conjugate match to CSR BC6
Unbalance Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40℃ to 85℃
L x W (size)	1.60x0.80mm
Thickness(max.)	0.65mm

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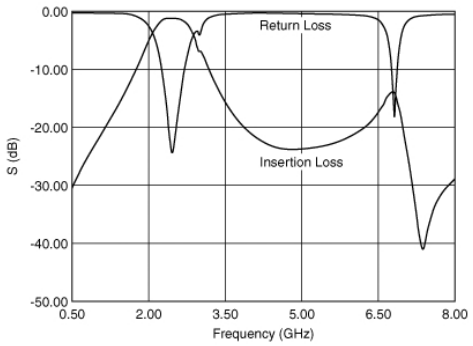
LFB182G45BG1D073

Product Data



Frequency Characteristics

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