Note: This datasheet may be out of date

Please download the latest datasheet of LFB182G45BG5D920 from the official website of Murata Manufacturing

Co., Ltd.

https://www.murata.com/en-us/products/productdetail?partno=LFB182G45BG5D920

LFB182G45BG5D920











Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000



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.
- 5. Available in the 2400MHz to 2500MHz frequency range.

1 of 2

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



URL: https://www.murata.com/

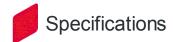
Last updated : 2019/08/19

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LFB182G45BG5D920



Applications	2.4GHz Zigbee	
Nominal Center Frequency(fo)	2450.00MHz	
Bandwidth(BW)	fo±50.00MHz	
Insertion Loss in BW I)	1.6dB max. (at 25°C)	
Insertion Loss in BW II)	1.8dB max. (-40 to +85°C)	
Attenuation(Absolute Value) I)	25dB min. at 4800.00 to 5000.00MHz	
Attenuation(Absolute Value) II)	25dB min. at 7200.00 to 7500.00MHz	
Balance Impedance (Differential) (Nom.)	Conjugate match to TI CC26xx	
Unbalance Impedance (Nom.)	50Ω	
Power Capacity	500mW	
Operating Temperature Range	-40℃ to 85℃	
L x W (size)	1.60x0.80mm	
Thickness(max.)	0.65mm	

2 of 2

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