

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LFB182G45BG5D920 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LFB182G45BG5D920

# LFB182G45BG5D920









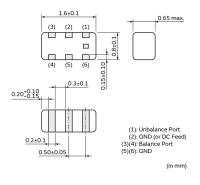


### **Applications**

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
Specific Applications	Consumer equipment,Industrial		
	Equipment,Medical equipment [GHTF		
	A/B],Mobile Electronics		
	Please refer to Our Website and		
	specifications, etc. for information about		
	the performance, functions, quality,		
	management, and safety required for		
	the above applications, and use		
	Products after confirming the		
	performance and reliability of the actual		
	Product.		
Recommended Applications	Consumer equipment,Industrial		
	Equipment,Medical equipment [GHTF		
	A/B],Mobile Electronics		



# Appearance & Shape





## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	4000



### **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.

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### 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# **Specifications**

Applications	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 ~ +85°C)
Attenuation(Absolute Value)	25.0dB min. at 4800.00 to
1)	5000.00MHz
Attenuation(Absolute Value)	25.0dB min. at 7200.00 to
II)	7500.00MHz
Balance Impedance (Differential) (Nom.)	Conjugate match to TI CC26xx
Unbalance Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature	-40°C to 85°C
Range	
L x W (size)	1.60x0.80mm
Thickness(max.)	0.65mm

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