

Note: This datasheet may be out of date. Please download the latest datasheet of LFB2H2G45SGFB914 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LFB2H2G45SGFB914

LFB2H2G45SGFB914









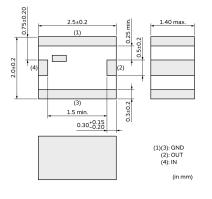


Applications

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 Embossed Tape	2000



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.

1 of 2

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





r roudet oddren Bata ones

LFB2H2G45SGFB914

Note: This datasheet may be out of date.

Please download the latest datasheet of LFB2H2G45SGFB914 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LFB2H2G45SGFB914



Specifications

Applications WiFi Nominal Center Frequency 2450.00MHz Bandwidth(BW) fo±50.00MHz Insertion Loss in BW I) 2.30dB max. (at 25°C) Insertion Loss in BW II) 2.60dB max. (-40 to +85°C) Attenuation(Absolute Value) 40dB min. at DC to 824.00MHz Attenuation(Absolute Value) 44.0dB min. at 824.00 to 960. 00MHz Attenuation(Absolute Value) 39.0dB min. at 960.00 to 1570. III) 00MHz Attenuation(Absolute Value) 40.0dB min. at 1570.00 to IV) 1580.00MHz Attenuation(Absolute Value) 39.0dB min. at 1580.00 to V) 1710.00MHz Attenuation(Absolute Value) 40.0dB min. at 1710.00 to VI) 1785.00MHz Attenuation(Absolute Value) 39.0dB min. at 1785.00 to 1850.00MHz Attenuation(Absolute Value) 44.0dB min. at 1850.00 to 1990.00MHz Attenuation(Absolute Value) 30.0dB min. at 2110.00 to IX) 2170.00MHz Attenuation(Absolute Value) 7.0dB min. at 2750.00 to 3000. X) 00MHz Attenuation(Absolute Value) 14.0dB min. at 3000.00 to 4800.00MHz Ripple(max.) 1.0dB VSWR(max.) 1.9 Characteristic Impedance 50Ω (Nom.) **Power Capacity** 500mW **Operating Temperature** -40°C to 85°C

٦	Thickness(max.)	1.4mm

2 of 2

Attention

Range L x W (size)

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

2.50x2.00mm

