

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Note: This datasheet may be out of date.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/products/productdetail?partno=LFB2H2G45SGFB914

In Production







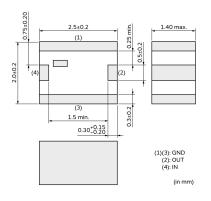


Applications

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.

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Attentior

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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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Specifications

Thickness(max.) 1.4mm

Applications	WiFi	
Nominal Center Frequency	2450.00MHz	
(fo)	2 100.0011112	
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	
l) Attenuation(Absolute Value)	44.0dB min. at 824.00 to 960.	
II)	00MHz	
Attenuation(Absolute Value)	39.0dB min. at 960.00 to 1570.	
	00MHz	
Attenuation(Absolute Value)	40.0dB min. at 1570.00 to	
(V)	1580.00MHz	
Attenuation(Absolute Value)	39.0dB min. at 1580.00 to	
/)	1710.00MHz	
Attenuation(Absolute Value)	40.0dB min. at 1710.00 to	
/I)	1785.00MHz	
Attenuation(Absolute Value)	39.0dB min. at 1785.00 to	
/II)	1850.00MHz	
Attenuation(Absolute Value)	44.0dB min. at 1850.00 to	
/III)	1990.00MHz	
Attenuation(Absolute Value)	30.0dB min. at 2110.00 to	
X)	2170.00MHz	
Attenuation(Absolute Value)	7.0dB min. at 2750.00 to 3000.	
×)	00MHz	
Attenuation(Absolute Value)	14.0dB min. at 3000.00 to	
(I)	4800.00MHz	
Ripple(max.)	1.0dB	
VSWR(max.)	1.9	
Characteristic Impedance	50Ω	
Nom.)	3012	
Power Capacity	500mW	
Operating Temperature Range	-40°C to 85°C	
L x W (size)	2.50x2.00mm	

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