

Product Search Data Sheet

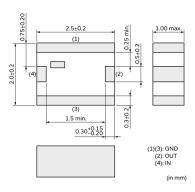
LFB2H2G45SG7A159

In Production Recommended RoHS REACH

Applications

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Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
	A/B],Mobile Electronics	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Specific Applications	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	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
Applications	A/B],Mobile Electronics	

Appearance & Shape



Note: This datasheet may be out of date. Please download the latest datasheet of LFB2H2G45SG7A159 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LFB2H2G45SG7A159

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Embossed Tape	3000



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.

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





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Specifications

Applications	WiFi	
Nominal Center Frequency (fo)	2450.00MHz	
Bandwidth(BW)	fo±50.00MHz	
Insertion Loss in BW I)	2.10dB max. (at 25°C)	
Insertion Loss in BW II)	2.40dB max. (-40 to +85°C)	
Attenuation(Absolute Value) I)	45.0dB min. at 824.00 to 915. 00MHz	
Attenuation(Absolute Value) II)	43.0dB min. at 915.00 to 960. 00MHz	
Attenuation(Absolute Value) III)	48.0dB min. at 1710.00 to 1990.00MHz	
Attenuation(Absolute Value) IV)	20.0dB min. at 2110.00 to 2170.00MHz	
Attenuation(Absolute Value) V)	30.0dB min. at 4800.00 to 5000.00MHz	
Attenuation(Absolute Value) VI)	36.0dB min. at 7200.00 to 7500.00MHz	
Ripple(max.)	1.2dB	
VSWR(max.)	2.0	
Characteristic Impedance (Nom.)	50Ω	
Power Capacity	500mW	
Operating Temperature Range	-40°C to 85°C	
L x W (size)	2.50x2.00mm	
Thickness(max.)	1.0mm	

2 of 2

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