

Product Search Data Sheet

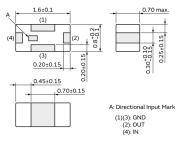
LFB182G45SG9A272

In Production Recommended RoHS REACH

Applications

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	the performance, functions, quality,	
Applications	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



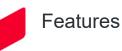
(in mm)

Note: This datasheet may be out of date. Please download the latest datasheet of LFB182G45SG9A272 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LFB182G45SG9A272

Packaging Information

Packaging	Specifications	Standard Packing 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.



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)	1.80dB max. (at 25°C)
Insertion Loss in BW II)	2.10dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	25.0dB min. at 800.00 to 1000. 00MHz
Attenuation(Absolute Value) II)	22.5dB min. at 1200.00 to 1300.00MHz
Attenuation(Absolute Value) III)	5.5dB min. at 2000.00MHz
Attenuation(Absolute Value) IV)	10.5dB min. at 3000.00MHz
Attenuation(Absolute Value) V)	23.5dB min. at 3600.00 to 3800.00MHz
Attenuation(Absolute Value) VI)	35.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) VII)	35.0dB min. at 7200.00 to 7500.00MHz
Ripple(max.)	0.7dB
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.7mm

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