

#### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of LFB182G45SG9A293 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFB182G45SG9A293

# LFB182G45SG9A293









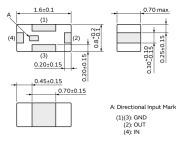


### **Applications**

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



(in mm)



### 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-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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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)	2.40dB max. (at 25°C)
Insertion Loss in BW II)	2.70dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	24.5dB min. at 880.00 to 960. 00MHz
Attenuation(Absolute Value)	20.0dB min. at 1710.00 to 1990.00MHz
Attenuation(Absolute Value)	8.5dB min. at 2170.00MHz
Attenuation(Absolute Value) IV)	15.5dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) V)	20.0dB min. at 7200.00 to 7500.00MHz
Ripple(max.)	1.5dB
VSWR(max.)	2.1
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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