

Note: This datasheet may be out of date. Please download the latest datasheet of LFB2H2G45CC1D005 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LFB2H2G45CC1D005

# LFB2H2G45CC1D005









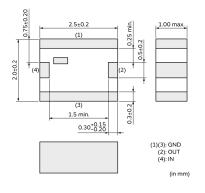


## **Applications**

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Applications	
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	3000



### **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)	1.60dB max. (at 25°C)
Insertion Loss in BW II)	1.90dB max. (-40 to +85°C)
Attenuation(Absolute Value)	45.0dB min. at DC to 1785. 00MHz
Attenuation(Absolute Value)	40.0dB min. at 1805.00 to 1990.00MHz
Attenuation(Absolute Value)	30.0dB min. at 1990.00 to 2025.00MHz
Attenuation(Absolute Value) IV)	25.0dB min. at 2110.00 to 2170.00MHz
Attenuation(Absolute Value) V)	5.0dB min. at 2750.00 to 3000. 00MHz
Attenuation(Absolute Value) VI)	15.0dB min. at 3000.00 to 4800.00MHz
Attenuation(Absolute Value) VII)	30.0dB min. at 4800.00 to 5850.00MHz
Attenuation(Absolute Value) VIII)	30.0dB min. at 7200.00 to 7500.00MHz
VSWR(max.)	1.92
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

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