Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LFB212G45CGAD340 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=LFB212G45CGAD340

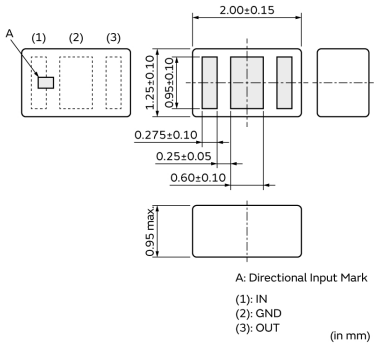
LFB212G45CGAD340

In Production | Recommended | RoHS | REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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	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.

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.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LFB212G45CGAD340 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=LFB212G45CGAD340

LFB212G45CGAD340

Specifications

Applications	WiFi
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	2.50dB max. (at 25℃)
Insertion Loss in BW II)	2.80dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	40.0dB min. at 650.00 to 1990.00MHz
Attenuation(Absolute Value) II)	35.0dB min. at 2110.00 to 2170.00MHz
Attenuation(Absolute Value) III)	35.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) IV)	19.0dB min. at 7200.00 to 7500.00MHz
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40℃ to 85℃
L x W (size)	2.00x1.25mm
Thickness(max.)	0.95mm

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.