

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of LFL152G45TC1A219 from the official website of Murata $\,$ Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LFL152G45TC1A219

LFL152G45TC1A219











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,
7,47,000,000	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

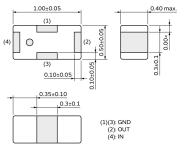


Packaging Information

Packaging		Standard Packing Quantity
-	180mm Paper Tape	10000



Appearance & Shape



(in mm)

1 of 3

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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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Features

Ultra-small, low-profiled, lightweight chip filters based on ceramic multilayer technology.

Offering stable high selectivity up to very high frequency.

- 1. Low loss
- 2. Ultra-small, low-profiled, lightweight low-pass filters.
- 3. Ideal for removing high-frequency harmonics at power amplifier and IF stage.
- 4. Available in tape and reel packings for automatic mounting.
- 5. Absolutely no adjustment required.
- 6. Reflow solderable.
- 7. Center frequencies and responses are ready for customization. Samples are available in a short lead time.

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Specifications

Applications	WLAN,BT
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	0.45dB max. (at 25°C)
Insertion Loss in BW II)	0.55dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	21.0dB min. at 2x(fo±50.0)MHz
Attenuation(Absolute Value)	21.0dB min. at 3x(fo±50.0)MHz
VSWR(max.)	1.7
Characteristic Impedance (Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.00x0.50mm
Thickness(max.)	0.4mm

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