Note: This datasheet may be out of date.
Please download the latest datasheet of LFL212G45TG1D253 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFL212G45TG1D253

LFL212G45TG1D253

In Production | Recommended | RoHS | REACH

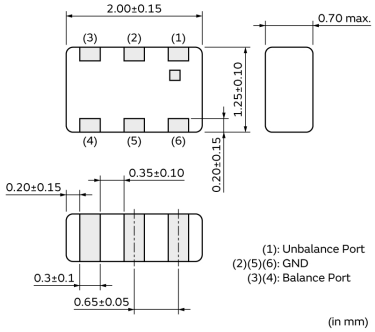
Applications

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

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Embossed Tape	4000

Appearance & Shape



Attention
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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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LFL212G45TG1D253

Features

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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LFL212G45TG1D253

Specifications

Applications	WLAN,BT
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	1.25dB max. (at 25℃)
Insertion Loss in BW II)	1.45dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	13.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value) II)	17.0dB min. at 7200.00 to 7500.00MHz
VSWR(max.)	1.85
Characteristic Impedance (Nom.)	50Ω
Power Capacity	500mW
Operating Temperature Range	-40℃ to 85℃
L x W (size)	2.00x1.25mm
Thickness(max.)	0.7mm

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