

LFL182G54TC1B838

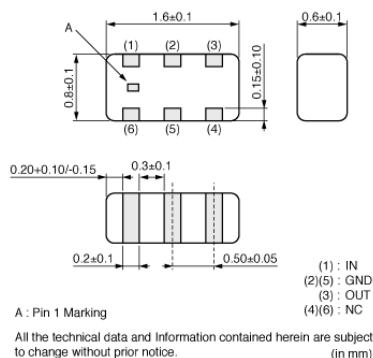
In Production

Recommended

RoHS

REACH

Appearance & Shape



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.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

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.

LFL182G54TC1B838



Specifications

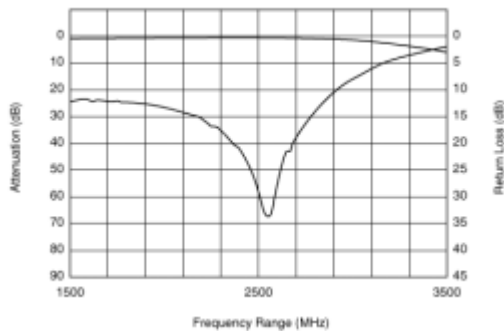
Applications	WIMAX
Nominal Center Frequency(fo)	2545.00MHz
Bandwidth(BW)	fo±145.00MHz
Insertion Loss in BW I)	0.40dB max. (at 25°C)
Insertion Loss in BW II)	0.43dB max. (-40 to +85°C)
Attenuation(Absolute Value)I)	26.0dB min. at 4800.00 to 5390.00MHz
Attenuation(Absolute Value)II)	23.0dB min. at 7200.00 to 8085.00MHz
Attenuation(Absolute Value)III)	7.0dB min. at 8000.00 to 10000.00MHz
VSWR(max.)	2.0
Characteristic Impedance(Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	1.0mm

Attention

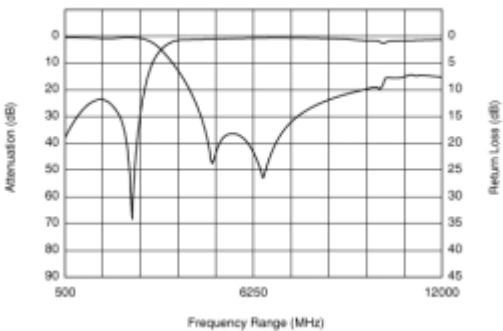
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has 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.

LFL182G54TC1B838

Product Data



Frequency Characteristics



Spurious Response

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.