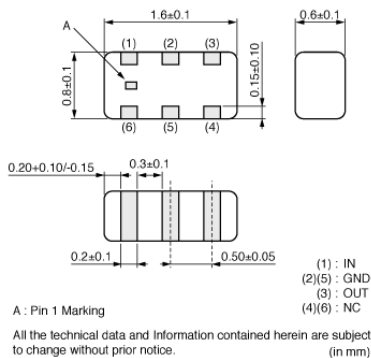


# LFL182G50TC1B905

In Production Recommended RoHS REACH

## Appearance & Shape



## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

## 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.

# LFL182G50TC1B905



## Specifications

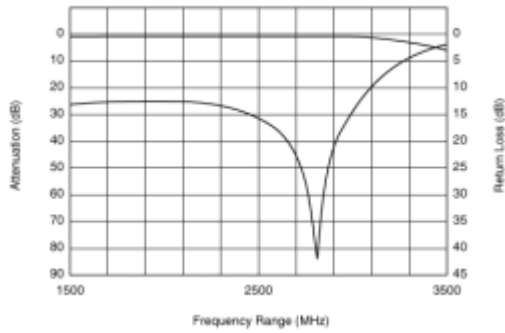
Applications	WIMAX
Nominal Center Frequency(fo)	2500.00MHz
Bandwidth(BW)	fo±200.00MHz
Insertion Loss in BW I)	0.40dB max. (at 25°C)
Insertion Loss in BW II)	0.43dB max. (-40 to +85°C)
Attenuation(Absolute Value)I)	21.0dB min. at 4600.00 to 5400.00MHz
Attenuation(Absolute Value)II)	22.0dB min. at 6900.00 to 8100.00MHz
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

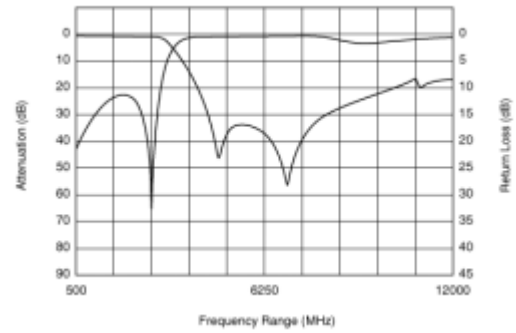
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2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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## Product Data



Frequency Characteristics



Spurious Response

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