LFL151G81TC1B786

In Production   Recommended   RoHS   REACH

Appearance & Shape

A : Directional Input Mark

All the technical data and information contained herein are subject to change without prior notice.   (in mm)

(1)(3) : GND
(2) : OUT
(4) : IN
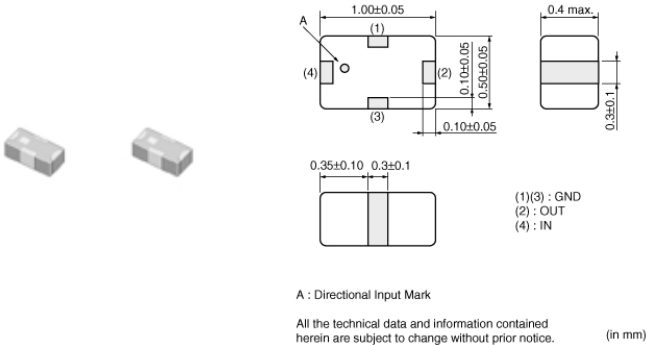
Features

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	Standard Packing Quantity
-	180mm Paper Tape	10000

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of LFL151G81TC1B786 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFL151G81TC1B786

LFL151G81TC1B786

Specifications

Applications	GSM1800,GSM1900
Nominal Center Frequency (fo)	1810.00MHz
Bandwidth(BW)	fo±100.00MHz
Insertion Loss in BW I	0.60dB max. (at 25℃)
Insertion Loss in BW II	0.70dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	23.0dB min. at 3420.00 to 3570.00MHz
Attenuation(Absolute Value) II)	21.0dB min. at 3700.00 to 3820.00MHz
Attenuation(Absolute Value) III)	19.0dB min. at 3x(fo±100)MHz
VSWR(max.)	1.7
Characteristic Impedance (Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40℃ to 85℃
L x W (size)	1.00x0.50mm
Thickness(max.)	0.4mm

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.
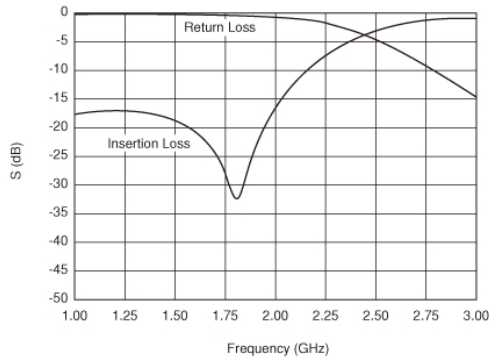
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.
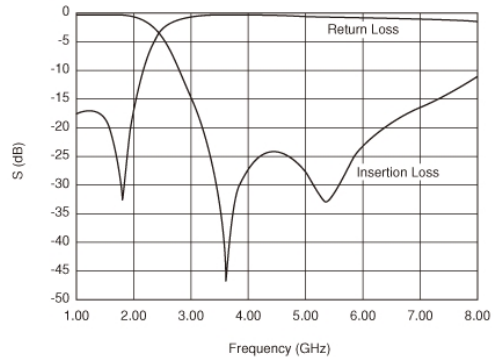
URL : https://www.murata.com/

Last updated03/19/2022

![Murata logo - INNOVATOR IN ELECTRONICS]

LFL151G81TC1B786

Product Data

Frequency Characteristics

Spurious Response

Attention

URL : https://www.murata.com/

Last updated03/19/2022

Mouser Electronics

Authorized Distributor

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