

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Note: This datasheet may be out of date.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











Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Industrial
	Equipment,Medical equipment [GHTF
	A/B],Mobile Electronics
	Please refer to Our Website and
Charifia	specifications, etc. for information about
Specific Applications	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

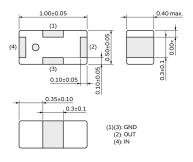


Packaging Information

Packaging		Standard Packing Quantity
-	180mm Paper Tape	10000



Appearance & Shape



(in mm)

1 of 3

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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- 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	GSM1800,GSM1900
Nominal Center Frequency (fo)	1810.00MHz
Bandwidth(BW)	fo±100.00MHz
Insertion Loss in BW I)	0.60dB max. (at 25°C)
Insertion Loss in BW II)	0.70dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	23.0dB min. at 3420.00 to 3570.00MHz
Attenuation(Absolute Value)	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°C to 85°C
L x W (size)	1.00x0.50mm
Thickness(max.)	0.4mm

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