

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Note: This datasheet may be out of date.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/products/productdetail?partno=LFL151G81TC1B786

LFL151G81TC1B786











Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
Specific Applications	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	

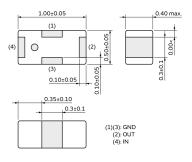


Packaging Information

Packaging		Standard Packing Quantity
-	180mm Paper Tape	10000



Appearance & Shape



(in mm)

1 of 3

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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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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