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Please download the latest datasheet of LFL151G81TC1B786 from the official website of Murata

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
Specific	specifications, etc. for information about
Applications	the performance, functions, quality,
Applications	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.
Recommended	Consumer equipment,Industrial
	Equipment,Medical equipment [GHTF
Applications	A/B],Mobile Electronics

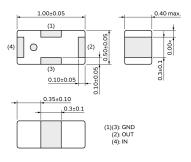


Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	10000



Appearance & Shape



(in mm)

1 of 3

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



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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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°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)	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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