Note: This datasheet may be out of date.
Please download the latest datasheet of LFL151G35TC7D784 from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-us/products/productdetail?partno=LFL151G35TC7D784

LFL151G35TC7D784

In Production | Recommended | RoHS | REACH

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	10000

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.

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.

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LFL151G35TC7D784

Specifications

Applications	LTE
Nominal Center Frequency(fo)	1545.00MHz
Bandwidth(BW)	fo±1145.00MHz
Insertion Loss in BW I)	0.65dB max. (at 25℃)
Insertion Loss in BW II)	0.75dB max. (-40 to +85℃)
Attenuation(Absolute Value) I)	27.5dB min. at 4950.00 to 5050.00MHz
Attenuation(Absolute Value) II)	26.5dB min. at 5050.00 to 6000.00MHz
Attenuation(Absolute Value) III)	27.5dB min. at 6000.00 to 7500.00MHz
Attenuation(Absolute Value) IV)	24.5dB min. at 7500.00 to 10000.00MHz
Attenuation(Absolute Value) V)	20.5dB min. at 10000.00 to 12000.00MHz
Attenuation(Absolute Value) VI)	17.5dB min. at 12000.00 to 12500.00MHz
VSWR(max.)	2.3
Characteristic Impedance(Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40℃ to 85℃
L x W (size)	1.00x0.50mm

Thickness(max.)	0.4mm

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