

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LFL151G95TC1C157 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LFL151G95TC1C157

# LFL151G95TC1C157











## **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<br>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.                                   |  |
| December                 | Consumer equipment,Industrial              |  |
| Recommended              | Equipment,Medical equipment [GHTF          |  |
| Applications             | A/B],Mobile Electronics                    |  |

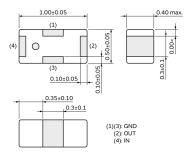


## **Packaging Information**

| Packaging | Specifications   | Standard<br>Packing<br>Quantity |
|-----------|------------------|---------------------------------|
| -         | 180mm Paper Tape | 10000                           |



# Appearance & Shape



(in mm)

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#### 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                    | TD-SCDMA                   |
|---------------------------------|----------------------------|
| Nominal Center Frequency (fo)   | 2017.50MHz                 |
| Bandwidth(BW)                   | fo±7.50MHz                 |
| Insertion Loss in BW I)         | 0.50dB max. (at 25℃)       |
| Insertion Loss in BW II)        | 0.60dB max. (-40 to +85°C) |
| Attenuation(Absolute Value)     | 24.0dB min. at 4020.00 to  |
| l)                              | 4050.00MHz                 |
| Attenuation(Absolute Value)     | 16.0dB min. at 6030.00 to  |
| II)                             | 6075.00MHz                 |
| Attenuation(Absolute Value)     | 17.0dB min. at 3760.00 to  |
| III)                            | 3840.00MHz                 |
| Attenuation(Absolute Value)     | 16.0dB min. at 5640.00 to  |
| IV)                             | 5760.00MHz                 |
| VSWR(max.)                      | 2.0                        |
| Characteristic Impedance (Nom.) | 50Ω                        |
| Power Capacity                  | 3W                         |
| Operating Temperature<br>Range  | -40°C to 85°C              |
| L x W (size)                    | 1.00x0.50mm                |
| Thickness(max.)                 | 0.4mm                      |

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