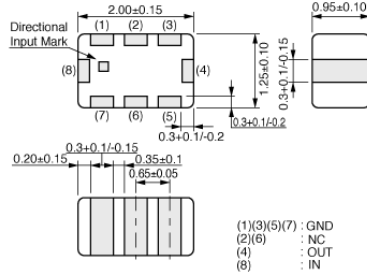


# LFL215G78TC1A155

In Production Recommended RoHS REACH

## Appearance & Shape



(1)(3)(5)(7) : GND  
(2)(6) : NC  
(4) : OUT  
(8) : IN

Terminal of "NC" should be fixed to no connected pattern.  
\* All the technical data and information contained herein are subject to change without prior notice.

(in mm)

## 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.

## Packaging Information

| Packaging | Specifications      | Minimum Order Quantity |
|-----------|---------------------|------------------------|
| -         | 180mm Embossed Tape | 4000                   |

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# LFL215G78TC1A155



## Specifications

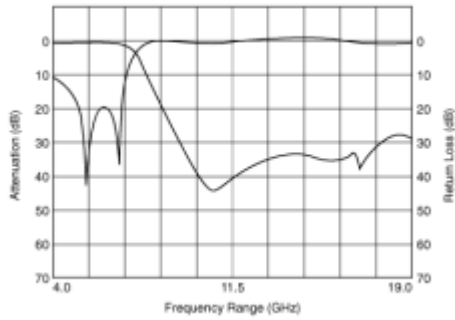
|                                 |                               |
|---------------------------------|-------------------------------|
| Applications                    | WLAN                          |
| Nominal Center Frequency(fo)    | 5787.50MHz                    |
| Bandwidth(BW)                   | fo±62.50MHz                   |
| Insertion Loss in BW I)         | 0.70dB max. (at 25°C)         |
| Insertion Loss in BW II)        | 0.90dB max. (-40 to +85°C)    |
| Attenuation(Absolute Value) I)  | 30.0dB min. at 2x(fo±62.5)MHz |
| Attenuation(Absolute Value) II) | 20.0dB min. at 3x(fo±62.5)MHz |
| VSWR(max.)                      | 1.7                           |
| Characteristic Impedance(Nom.)  | 50Ω                           |
| Power Capacity                  | 3W                            |
| Operating Temperature Range     | -40°C to 85°C                 |
| L x W (size)                    | 2.00x1.25mm                   |
| Thickness(max.)                 | 1.05mm                        |

### Attention

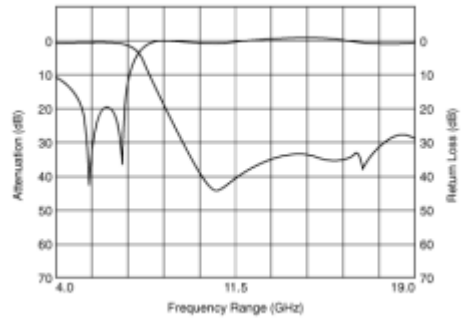
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## Product Data



Frequency Characteristics



Spurious Response

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