

# LFD2H829MMQ1D571

In Production

Recommended

RoHS

REACH



## Packaging Information

| Packaging | Specifications      | Standard Packing Quantity |
|-----------|---------------------|---------------------------|
| -         | 180mm Embossed Tape | 3000                      |



## Features

Adiplexer branching low and high band.

1. Low insertion loss.
2. Small size, low-profiled and light weight.
3. Absolutely no adjustment required.
4. Reflow solderable.

### 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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## Specifications

|                             |                              |
|-----------------------------|------------------------------|
| Applications                | LTE                          |
| Center Frequency(f1)        | 829.00MHz                    |
| Frequency Range(f1)         | 698.00MHz to 960.00MHz       |
| Center Frequency(f2)        | 2200.00MHz                   |
| Frequency Range(f2)         | 1710.00MHz to 2690.00MHz     |
| Insertion Loss I)(in f1)    | 0.35dB max. (at 25°C)        |
| Insertion Loss II)(in f1)   | 0.40dB max. (-40 to +85°C)   |
| Insertion Loss I)(in f2)    | 0.55dB max. (at 25°C)        |
| Insertion Loss II)(in f2)   | 0.65dB max. (-40 ~ +85°C)    |
| Attenuation(in f2)          | 25.0dB min.                  |
| Attenuation(in f1)          | 30.0dB min.                  |
| VSWR{P1}(in f1)             | 1.50 max.                    |
| VSWR{P2}(in f2)             | 1.58 max.                    |
| VSWR{P3}(in f1,f2)          | (f1)1.50 max., (f2)1.58 max. |
| Power Capacity              | 3W                           |
| Operating Temperature Range | -40°C to 85°C                |
| L x W (size)                | 2.50x2.00mm                  |
| Thickness(max.)             | 1.0mm                        |

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