

Product Search Data Sheet

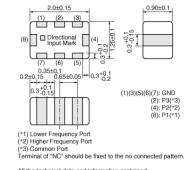
Note: This datasheet may be out of date. Please download the latest datasheet of LFD212G45DP4A189 from the official website of Murata Manufacturing <u>Co., Ltd.</u> https://www.murata.com/en-us/products/productdetail?partno=LFD212G45DP4A189

LFD212G45DP4A189

In Production Recommended RoHS REACH

Appearance & Shape





All the technical data and information contained herein are subject to change without prior notice. (in mm)



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



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

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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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Specifications

| Applications | WLAN BT | Thickness(max.) |
|---------------------------------|------------------------------|-----------------|
| Center Frequency{P1}(f1) | 2450.00MHz | |
| Frequency Range{P1}(f1) | 2400.00MHz to 2500.00MHz | |
| Center Frequency{P2}(f2) | 5375.00MHz | |
| Frequency Range{P2}(f2) | 4900.00MHz to 5850.00MHz | |
| Insertion Loss I)(P1-P3 in f1) | 0.50dB max. (at 25°C) | |
| Insertion Loss II)(P1-P3 in f1) | 0.60dB max. (-40 to +85°C) | |
| Insertion Loss I)(P2-P3 in f2) | 0.75dB max. (at 25°C) | |
| Insertion Loss II)(P2-P3 in f2) | 0.85dB max. (-40 to +85°C) | |
| Attenuation{P1-P3}(in f2) | 17.0dB min. | |
| Attenuation{P2-P3}(in f1) | 21.0dB min. | |
| VSWR{P1}(in f1) | 1.70 max. | |
| VSWR{P2}(in f2) | 1.80 max. | |
| VSWR{P3}(in f1,f2) | (f1)1.70 max., (f2)1.80 max. | |
| Power Capacity | 3W | |
| Operating Temperature Range | -40°C to 85°C | |
| L x W (size) | 2.00x1.25mm | |

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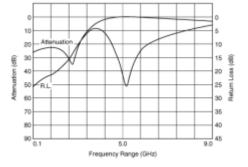
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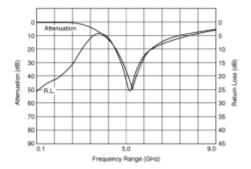
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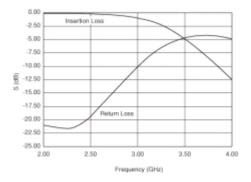
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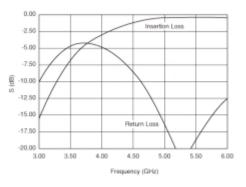


Attenuation(P2-P3), VSWR(P3)



Insertion Loss(P2-P3), VSWR(P2)

Attenuation(P1-P3), VSWR(P3)



Insertion Loss(P1-P3), VSWR(P1)

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