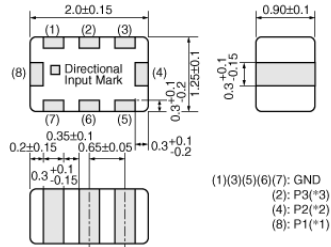
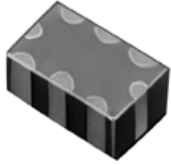


# LFD212G45DP4A189

In Production Recommended RoHS REACH

## Appearance & Shape



(\*1) Lower Frequency Port  
(\*2) Higher Frequency Port  
(\*3) Common Port  
Terminal of "NC" should be fixed to the no connected pattern.

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

## Features

Adioplexer 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.

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Embossed Tape	4000

### 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.

# LFD212G45DP4A189



## Specifications

Applications	WLAN BT	Thickness(max.)	1.0mm
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		

### Attention

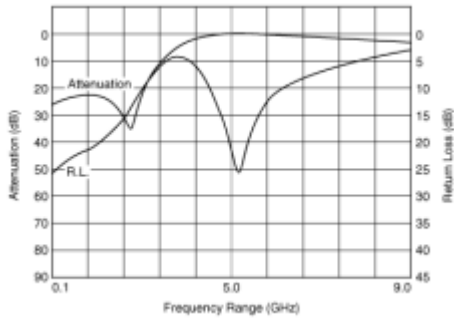
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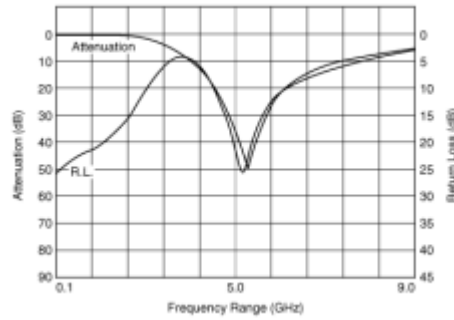
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# LFD212G45DP4A189

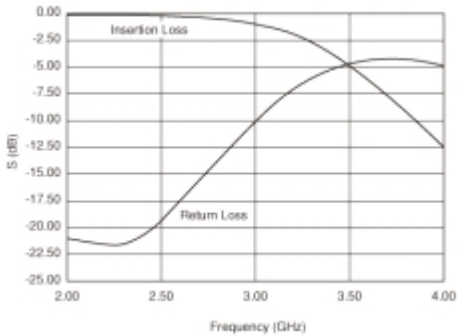
## Product Data



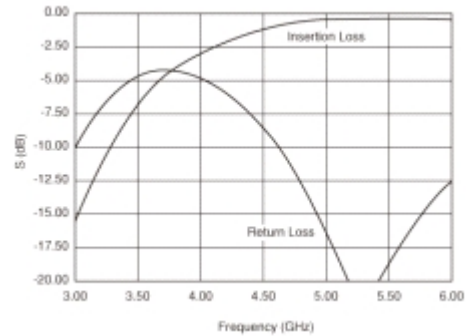
Attenuation(P2-P3), VSWR(P3)



Attenuation(P1-P3), VSWR(P3)



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



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

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