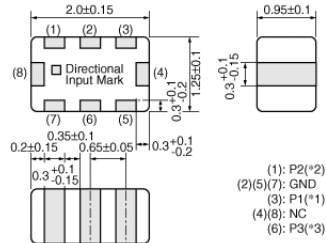
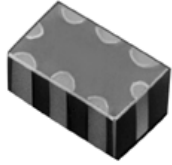


LFD21874MDP2A181

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

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.

LFD21874MDP2A181



Specifications

Applications	GPS	Thickness(max.)	1.05mm
Center Frequency{P1}(f1)	874.00MHz		
Frequency Range{P1}(f1)	823.00MHz to 925.00MHz		
Center Frequency{P2}(f2)	1575.50MHz		
Frequency Range{P2}(f2)	1572.50MHz to 1578.50MHz		
Insertion Loss I){P1-P3 in f1}	0.55dB max. (at 25°C)		
Insertion Loss II){P1-P3 in f1}	0.65dB max. (-40 to +85°C)		
Insertion Loss I){P2-P3 in f2}	0.60dB max. (at 25°C)		
Insertion Loss II){P2-P3 in f2}	0.70dB max. (-40 to +85°C)		
Attenuation{P1-P3}(in f2)	23.0dB min.		
Attenuation{P2-P3}(in f1)	25.0dB min.		
VSWR{P1}(in f1)	1.60 max.		
VSWR{P2}(in f2)	1.60 max.		
VSWR{P3}(in f1,f2)	1.60 max.		
Power Capacity	3W		
Operating Temperature Range	-40°C to 85°C		
L x W (size)	2.00x1.25mm		

Attention

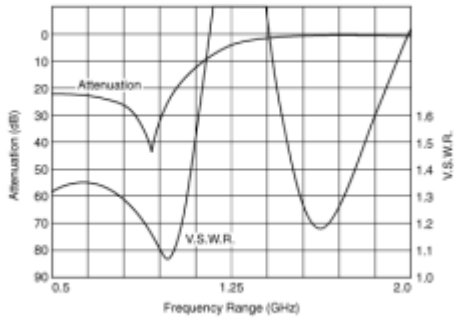
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

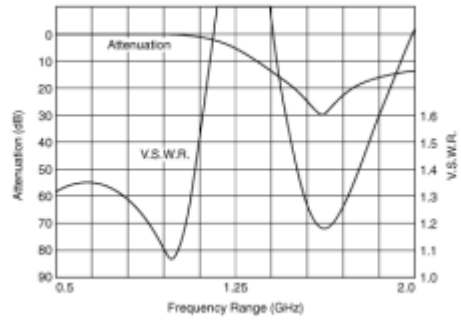
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

LFD21874MDP2A181

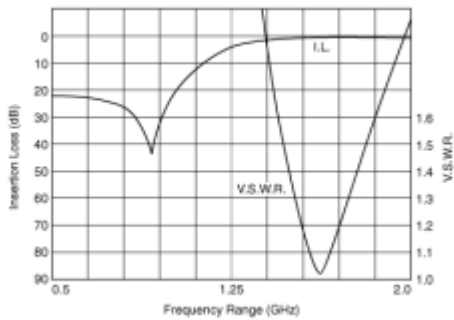
Product Data



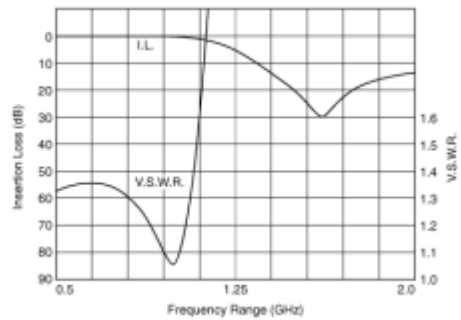
Attenuation(P2-P3), VSWR(P3)



Attenuation(P1-P3), VSWR(P3)



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



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

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.