

LFD182G45DCHD481

In Production

Recommended

RoHS

REACH

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-	180mm Paper Tape	4000

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.

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.

LFD182G45DCHD481



Specifications

Applications	WLAN
Center Frequency{P1}{f1}	5425.00MHz
Frequency Range{P1}{f1}	4900.00MHz to 5950.00MHz
Center Frequency{P2}{f2}	2450.00MHz
Frequency Range{P2}{f2}	2400.00MHz to 2500.00MHz
Insertion Loss I){P1-P3 in f1}	1.00dB max. (at 25°C)
Insertion Loss II){P1-P3 in f1}	1.10dB max. (-40 ~ +85°C)
Insertion Loss I){P2-P3 in f2}	0.40dB max. (at 25°C)
Insertion Loss II){P2-P3 in f2}	0.50dB max. (-40 ~ +85°C)
Attenuation{P1-P3}(in f2)	23dB min.
VSWR{P1}(in f1)	1.80 max.
VSWR{P2}(in f2)	1.50 max.
VSWR{P3}(in f1,f2)	(f1)1.80 max., (f2)1.50 max.
Power Capacity	1W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.7mm

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.