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Filters for Communication Equipment > for RF/Local > Chip Multilayer LC Filters (BPF)

How to check EU RoHS Compliance of Our Products is [here](#).

Product Lifecycle Stage	in Production
Recommended Rank	Preferred

Specifications

Global Part Number	LFB182G45SG9A293
Previous Part Number	
Application	WLAN/BT
Nominal Center Frequency (fo)	2450MHz
Bandwidth (BW)	fo±50MHz
Insertion Loss in BW I)	2.40dB max. (at 25)
Insertion Loss in BW II)	2.70dB max. (-40to+85)
Attenuation (Absolute Value) I)	24.5dB min. at 880to960MHz
Attenuation (Absolute Value) II)	20dB min. at 1710to1990MHz
Attenuation (Absolute Value) III)	8.5dB min. at 2170MHz
Attenuation (Absolute Value) IV)	15.5dB min. at 4800to5000MHz
Attenuation (Absolute Value) V)	20dB min. at 7200to7500MHz
Attenuation (Absolute Value) VI)	
Attenuation (Absolute Value) VII)	
Attenuation (Absolute Value) VIII)	
Attenuation (Absolute Value) IX)	
Attenuation (Absolute Value) X)	
Attenuation (Absolute Value) XI)	
Ripple in BW	max.
VSWR in BW	max.
Characteristic Impedance (Nom.)	
Power Capacity	
Min. of Operating Temperature Range	
Max. of Operating Temperature Range	

Details

- [Part Numbering](#)
- [Appearance](#)
- [Dimensions](#)
- [Features and Applications](#)
- [Frequency Characteristics](#)
- [The Characteristics of Spurious](#)
- [Standard Land Dimensions](#)
- [Dimensions of Taping](#)
- [Notice \(Storage and Operating Conditions\)](#)
- [Notice\(Rating\)](#)
- [Notice\(Soldering and Mounting\)](#)
- [Notice\(Handling\)](#)
- [Notice \(Others\)](#)

Minimum Quantity

180mm Paper Tape	4000
180mm Embossed Tape	
330mm Paper Tape	
330mm Embossed Tape	
Bulk Case	
Bulk(Bag)	
Ammo Pack	
320Reel	
Magazine	
Box	

Please approve our product specifications or to transact the approval sheet for product specifications before ordering.

Please read rating and !Cautions first.

Product specifications in this catalog are as of September 2013

Please make sure to read the Murata's [Product Policy](#) ,too.

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