

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













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

<u>Product Lifecycle Stage</u>	in Production
<u>Recommended Rank</u>	Preferred

Specifications

Global Part Number	LFB182G45BG2D280
Previous Part Number	
Application	WLAN
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth (BW)	fo±50.00MHz
Insertion Loss in BW I)	1.75dB max. (at 25...)
Insertion Loss in BW II)	1.95dB max. (-40to+85...)
Attenuation (Absolute Value) I)	19dB min. at 4800to5000MHz
Attenuation (Absolute Value) II)	19dB min. at 7200to7500MHz
Attenuation (Absolute Value) III)	
Attenuation (Absolute Value) IV)	
Attenuation (Absolute Value) V)	
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	
Balance Impedance (Differential) (Nom.)	Conjugate match to TI CC253x, CC254x, CC8520
Unbalance Impedance (Nom.)	
Power Capacity	500mW
Min. of Operating Temperature Range	-40...
Max. of Operating Temperature Range	+85...

Details

-  [Part Numbering](#)
-  [Appearance](#)
-  [Dimensions](#)
-  [Features and Applications](#)
-  [Frequency Characteristics](#)
-  [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	
180mm Embossed Tape	4000
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 March 2015

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

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