

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














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

Product Lifecycle Stage	in Production
Recommended Rank	Preferred

Specifications

Details

Global Part Number	LFL182G54TC1B838
Previous Part Number	
Application	WIMAX
Nominal Center Frequency (fo)	2545MHz
Bandwidth (BW)	fo±145MHz
Insertion Loss in BW I)	0.4dB max. (at 25...)
Insertion Loss in BW II)	0.43dB max. (-40to+85...)
Attenuation (Absolute Value) I)	26dB min. at 4800to5390MHz
Attenuation (Absolute Value) II)	23dB min. at 7200to8085MHz
Attenuation (Absolute Value) III)	7dB min. at 8000to10000MHz
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	
VSWR in BW	max.
Characteristic Impedance (Nom.)	
Power Capacity	
Min. of Operating Temperature Range	
Max. of Operating Temperature Range	

-  [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 March 2015

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

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