

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LFB182G45BG2D280 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFB182G45BG2D280

# LFB182G45BG2D280









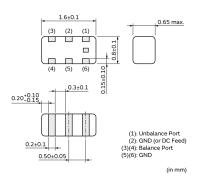


### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
	A/B],Mobile Electronics	
	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	
Recommended Applications	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
	A/B],Mobile Electronics	



## Appearance & Shape





### Packaging Information

Packaging		Standard Packing Quantity
-	180mm Paper Tape	4000



### **Features**

Ultra-small, low-profiled, lightweight chip filters based on ceramic multilayer technology.

Extremely ultra-small band-pass filters.

- 1. Ultra-small, low-profiled, lightweight band-pass filters.
- 2. Absolutely no adjustment required.
- 3. Reflow solderable.
- 4. Available in tape and reel packagings for automatic mounting.

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### 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.





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# **Specifications**

Applications	W-LAN(TI CC253x CC254x CC8520)	
Nominal Center Frequency (fo)	2450.00MHz	
Bandwidth(BW)	fo±50.00MHz	
Insertion Loss in BW I)	1.75dB max. (at 25°C)	
Insertion Loss in BW II)	1.95dB max. (-40 ~ +85°C)	
Attenuation(Absolute Value)	19.0dB min. at 4800.00 to	
I)	5000.00MHz	
Attenuation(Absolute Value)	19.0dB min. at 7200.00 to	
II)	7500.00MHz	
Balance Impedance	Conjugate match to TI CC253x,	
(Differential) (Nom.)	CC254x, CC8520	
Unbalance Impedance (Nom.)	50Ω	
Power Capacity	500mW	
Operating Temperature Range	-40°C to 85°C	
L x W (size)	1.60x0.80mm	
Thickness(max.)	0.65mm	

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