

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of LFL182G45TC1A108 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LFL182G45TC1A108

LFL182G45TC1A108











Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
	A/B],Mobile Electronics	
	Please refer to Our Website and	
Charifia	specifications, etc. for information about	
Specific Applications	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.	
)	Consumer equipment,Industrial	
Recommended	Equipment,Medical equipment [GHTF	
Applications	A/B],Mobile Electronics	

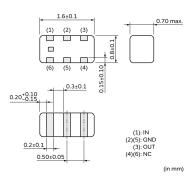


Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	4000



Appearance & Shape



1 of 3

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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Features

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

Offering stable high selectivity up to very high frequency.

- 1. Low loss
- 2. Ultra-small, low-profiled, lightweight low-pass filters.
- 3. Ideal for removing high-frequency harmonics at power amplifier and IF stage.
- 4. Available in tape and reel packings for automatic mounting.
- 5. Absolutely no adjustment required.
- 6. Reflow solderable.
- 7. Center frequencies and responses are ready for customization. Samples are available in a short lead time.

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Specifications

Applications	WLAN,BT
Nominal Center Frequency (fo)	2450.00MHz
Bandwidth(BW)	fo±50.00MHz
Insertion Loss in BW I)	0.37dB max. (at 25°C)
Insertion Loss in BW II)	0.40dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	27.0dB min. at 4800.00 to 5000.00MHz
Attenuation(Absolute Value)	25.0dB min. at 7200.00 to 7500.00MHz
VSWR(max.)	1.7
Characteristic Impedance (Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	0.7mm

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