

Product Search Data Sheet

LFL182G54TC1B838

In Production Recommended RoHS REACH

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
Specific	specifications, etc. for information about
Specific	the performance, functions, quality,
Applications	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.
Recommended	Consumer equipment,Industrial
	Equipment,Medical equipment [GHTF
Applications	A/B],Mobile Electronics

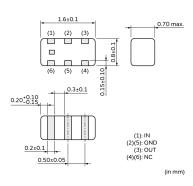
Note: This datasheet may be out of date. Please download the latest datasheet of LFL182G54TC1B838 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LFL182G54TC1B838

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	4000

Appearance & Shape



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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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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	WIMAX
Nominal Center Frequency (fo)	2545.00MHz
Bandwidth(BW)	fo±145.00MHz
Insertion Loss in BW I)	0.40dB max. (at 25°C)
Insertion Loss in BW II)	0.43dB max. (-40 to +85°C)
Attenuation(Absolute Value)	26.0dB min. at 4800.00 to
1)	5390.00MHz
Attenuation(Absolute Value)	23.0dB min. at 7200.00 to
)	8085.00MHz
Attenuation(Absolute Value)	7.0dB min. at 8000.00 to
111)	10000.00MHz
VSWR(max.)	2.0
Characteristic Impedance (Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.60x0.80mm
Thickness(max.)	1.0mm

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