

Note: This datasheet may be out of date. Please download the latest datasheet of LFL15869MTC1B787 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LFL15869MTC1B787

LFL15869MTC1B787











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.
December	Consumer equipment,Industrial
Recommended	Equipment,Medical equipment [GHTF
Applications	A/B],Mobile Electronics

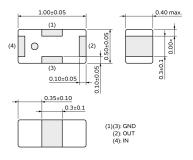


Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	10000



Appearance & Shape



(in mm)

1 of 3

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- 2. This datasheet has only typical specifications because there is no space for detailed specifications.
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Features

Ultra-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

	I
Applications	GSM850,GSM900
Nominal Center Frequency (fo)	869.50MHz
Bandwidth(BW)	fo±45.50MHz
Insertion Loss in BW I)	0.50dB max. (at 25°C)
Insertion Loss in BW II)	0.60dB max. (-40 to +85°C)
Attenuation(Absolute Value) I)	18.0dB min. at 2x(fo±45.5)MHz
Attenuation(Absolute Value)	17.0dB min. at 3x(fo±45.5)MHz
VSWR(max.)	1.7
Characteristic Impedance (Nom.)	50Ω
Power Capacity	3W
Operating Temperature Range	-40°C to 85°C
L x W (size)	1.00x0.50mm
Thickness(max.)	0.4mm

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