

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of LFL15766MTF1E172 from the official website of Murata Manufacturing Co., Ltd.

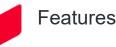
http://www.murata.com/en-us/products/productdetail?partno=LFL15766MTF1E172

LFL15766MTF1E172

In Production Recommended RoHS REACH

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	180mm Paper Tape	10000



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.

1 of 2

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	LTE	
Nominal Center Frequency (fo)	766.50MHz	
Bandwidth(BW)	fo±20.50MHz	
Insertion Loss in BW I)	0.60dB max. (at 25°C)	
Insertion Loss in BW II)	0.70dB max. (-40 to +85°C)	
Attenuation(Absolute Value) I)	20.0dB min. at 1554.00 to 1610.00MHz	
Attenuation(Absolute Value) II)	32.0dB min. at 2238.00 to 2361.00MHz	
VSWR(max.)	1.8	
Characteristic Impedance (Nom.)	50Ω	
Power Capacity	1.5W	
Operating Temperature Range	-40°C to 85°C	
L x W (size)	1.00x0.50mm	
Thickness(max.)	0.4mm	

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