

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Note: This datasheet may be out of date.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. | |
| Recommended Applications | Consumer equipment,Industrial | |
| | Equipment,Medical equipment [GHTF | |
| | A/B],Mobile Electronics | |

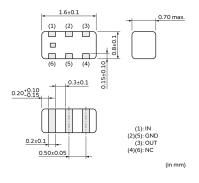


Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------------|
| - | 180mm Paper Tape | 4000 |



Appearance & Shape



1 of 3

Attention

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- 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.



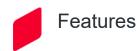


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small, low-profiled, lightweight chip filters based on ceramic multilayer technology.

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.

2 of 3

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Manufacturing Co., Ltd.



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) | 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 |

3 of 3

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