

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFELF10M7HA00-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=SFELF10M7HA00-B0

SFELF10M7HA00-B0









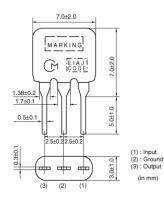
Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------------------|--|--|
| Applications | these "Precautions for use." | |
| Specific Applications | Consumer equipment | |
| | Please refer to Our Website and | |
| | specifications, etc. for information about | |
| | 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. | |



Appearance & Shape







Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------------|
| В0 | Bulk | 500 |



Features

SFELF10M7 series for FM-receivers are monolithic type ceramic filters that use the thickness expander mode of the piezoelectric ceramic. As part of the environment protection program, the solder for terminal plating and terminal-element connection inside of the ceramic filter contain no lead (Pb).

Features

- 1. These miniature filters have high mechanical strength.
- 2. Low loss, favorable waveform symmetry, and high selectivity.
- 3. Various bandwidths are available for applications in wide to narrow bands.
- 4. Small dispersion and stable characteristics.
- 5. Change in center frequency is typically within ±30ppm/°C at -20 to +80°C.
- 6. High reliability

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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SFELF10M7HA00-B0



Specifications

| Operating Temperature Range | -20°C to 80°C |
|-----------------------------|----------------------------------|
| Shape | Lead |
| Elements | 2 |
| Center Frequency | 10.700MHz |
| Center Frequency Tolerance | ±30kHz |
| Nominal Center Value | No |
| 3dB Bandwidth | 180kHz±40kHz |
| Stop Bandwidth | 520kHz |
| Area of Stop Bandwidth | [within 20dB] |
| Spurious Attenuation | 40dB[within 9MHz to fo] |
| Insertion Loss | 7.0dBmax.(at minimum loss point) |
| Ripple | 1.0dBmax.(at minimum loss point) |
| Input/Output Impedance | 330Ω |
| Mass | 178mg |

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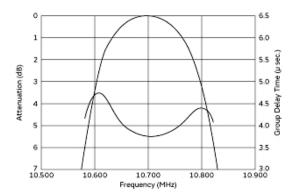
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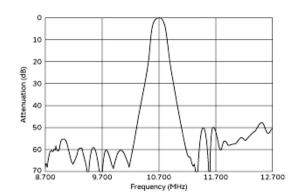
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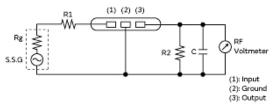
Product Data





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input and Output Impedance C=10pF (Including stray capacitance and input capacitance of RF voltmeter.)

Measurement Circuit

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