

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of SFECF10M7FF00S0-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SFECF10M7FF00S0-R0

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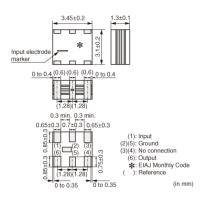
Applications

| 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 |
|-----------|---------------------|---------------------------------|
| R0 | 180mm Embossed Tape | 2000 |



Features

SFECF10M7 series for FM receivers are small, high-performance and super thin (1.4mm max.) filters. The piezoelectric element is sandwiched by the ceramics substrate. They have 1.4mm max. thickness and a small mounting area (3.45x3.1mm). SFECF series and CDSCB series (MHz Discriminator) enable customers to make VICS/RKE/TPMS set very thin and small.

Features

- 1. The filters are mountable by automatic placers.
- 2. They are slim, at only 1.4mm max. thickness, and have a small mounting area (3.45x3.1mm) enabling flexible PCB design.
- 3. Various bandwidths are available. Select a suitable type in accordance with the desired selectivity.
- 4. Operating Temperature Range: -40 to +85 (degrees C), Storage Temperature Range: -55 to +85 (degrees C)

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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Specifications

| Operating Temperature Range | -40°C to 85°C | |
|-----------------------------|--|--|
| Shape | SMD | |
| Elements | 2 | |
| Center Frequency | 10.700MHz | |
| Nominal Center Value | Yes | |
| 3dB Bandwidth | fn±65kHzmin. | |
| Stop Bandwidth | 630kHz | |
| Area of Stop Bandwidth | [within 20dB] | |
| Spurious Attenuation | 30dB[within 9MHz to fn] | |
| Insertion Loss | 7.0dBmax. [at fn](at minimum loss point) | |
| Ripple | 1.0dBmax.(at minimum loss point) | |
| Input/Output Impedance | 330Ω | |
| Mass | 65mg | |

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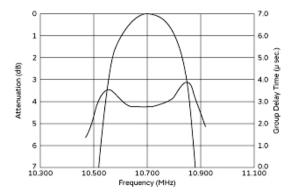
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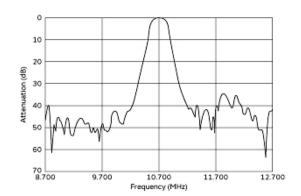
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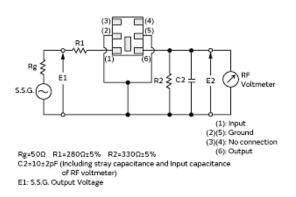
Product Data





Frequency Characteristics

Spurious Response



Measurement Circuit

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