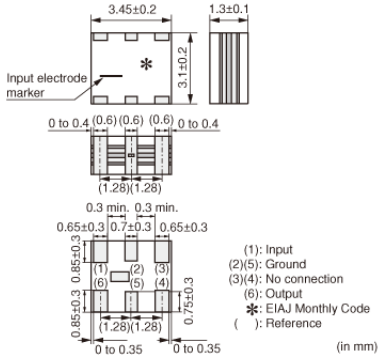
Note: This datasheet may be out of date.
Please download the latest datasheet of SFECF10M7GA00S0-R0 from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-us/products/productdetail?partno=SFECF10M7GA00S0-R0

SFECF10M7GA00S0-R0

In Production RoHS REACH

Appearance & Shape





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)

Applications

Other Usage	Communication Equipment/Audio Visual Equipment

Packaging Information

Packaging	Specifications	Minimum Order Quantity
-R0	180mm Embossed Tape	2000

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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SFECF10M7GA00S0-R0

Specifications

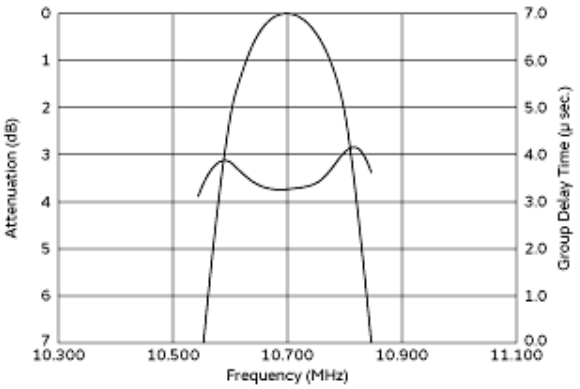
Operating Temperature Range	-40℃ to 85℃
Shape	SMD
Elements	2
Center Frequency	10.700MHz
Center Frequency Tolerance	±30kHz
Nominal Center Value	No
3dB Bandwidth	230kHz±50kHz
Stop Bandwidth	510kHz
Area of Stop Bandwidth	[within 20dB]
Spurious Attenuation	30dB[within 9MHz to fo]
Insertion Loss	3.5dB±2.0dB(at minimum loss point)
Ripple	1.0dBmax.(at minimum loss point)
Input/Output Impedance	330Ω

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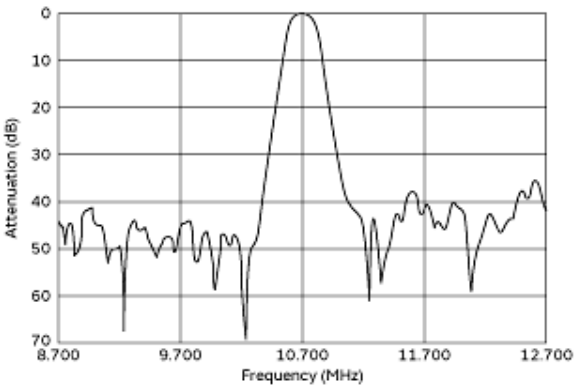
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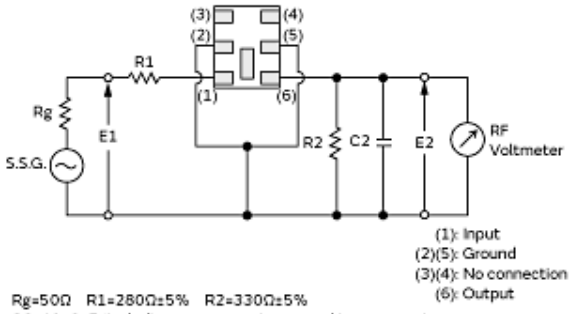
Product Data



Frequency Characteristics



Spurious Response



Measurement Circuit

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