

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of SFSCE10M7WF05-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=SFSCE10M7WF05-R0

SFSCE10M7WF05-R0









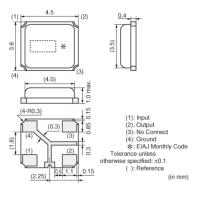
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment
	Please refer to Our Website and
	specifications, etc. for information about
Specific	the performance, functions, quality,
Specific Applications	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	1500



Features

SFSCE series are chip surface mount filters available for 3dB bandwidth at 700kHz to 1.3MHz (more than twice width compared with current types). They have 1.0mm max. thickness and small mounting area (4.5x3.8mm).

Features

- 1. The filters are mountable by automatic placers.
- 2. They are slim, at only 1.0mm max. thickness, and have a small mounting area (4.5x3.8mm) enabling flexible PCB design.
- 3. Available lead (Pb) free solder reflow.
- 4. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)

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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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Specifications

Operating Temperature	
Range	-20°C to 80°C
Shape	SMD
Elements	2
Center Frequency	10.700MHz
Nominal Center Value	Yes
3dB Bandwidth	fn±325.0kHzmin.
Stop Bandwidth	1.7MHz
Area of Stop Bandwidth	[within 20dB]
Spurious Attenuation	30dB[within 5.7MHz to fn / fn to 15.7MHz]
Insertion Loss	6.0dB[at minimum loss point]
Ripple	1.5dB[within 3dB Bandwidth]
GDT Deviation	0.6μs[within fn±250kHz]
Input/Output Impedance	470Ω
Mass	44.91mg

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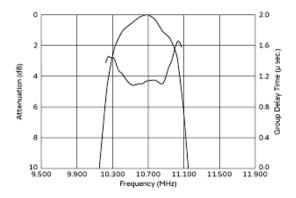
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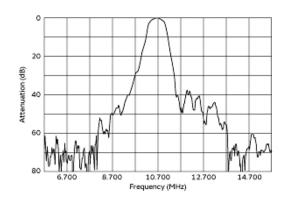
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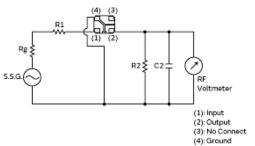
Product Data





Frequency Characteristics

Spurious Response



- R1+Rg=R2=Input/Output Impedance, Rg=50Ω
- C2=10pF (Including stray capacitance and Input capacitance of RF Voltmeter) E1: S.S.G. Output Voltage

Measurement Circuit

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