

### 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Note: This datasheet may be out of date.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-gb/products/productdetail?partno=SFSCE10M7WF05-R0

# SFSCE10M7WF05-R0









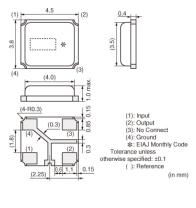
# **Applications**

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,
'	management, and safety required for
Applications	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)

1 of 3

#### 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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# **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	

2 of 3

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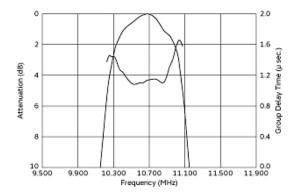
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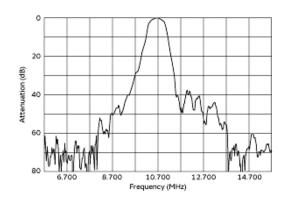
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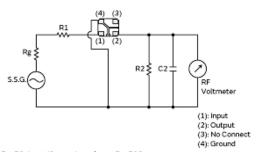
### **Product Data**





### 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

3 of 3

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