# SFSCE10M7WF04-R0

NRND  RoHS  REACH

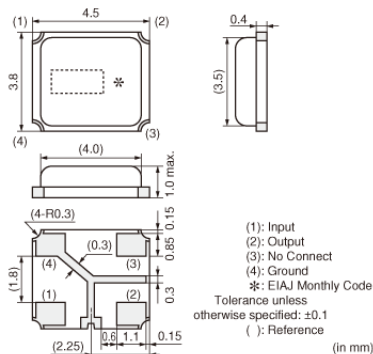## Appearance & Shape



## 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)

## Applications

| Other Usage | Communication Equipment |
|---|---|

## Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|---|---|---|
| -R0 | 180mm Embossed Tape | 1500 |

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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±400.0kHzmin. |
| Stop Bandwidth | 1.8MHz |
| Area of Stop Bandwidth | [within 20dB] |
| Spurious Attenuation | 25dB[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±325kHz] |
| Input/Output Impedance | 470Ω |

URL : https://www.murata.com/

Last updated : 2019/09/20

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## Product Data
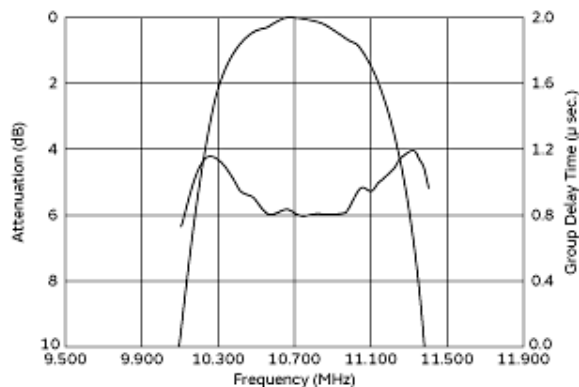


Frequency Characteristics



Spurious Response
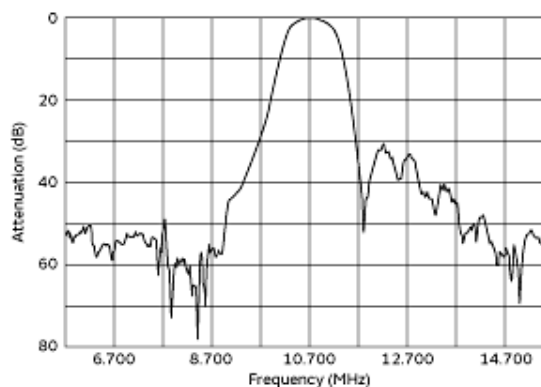


(1): Input
(2): Output
(3): No Connect
(4): Ground
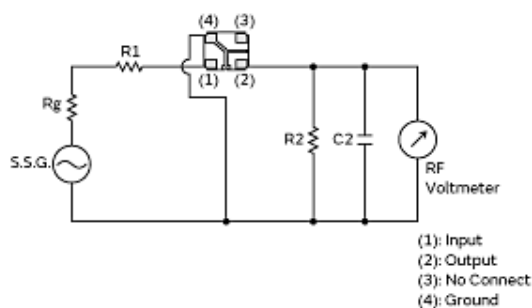
R1+Rg=R2=Input/Output Impedance, Rg=50Ω
C2=10pF (Including stray capacitance and Input capacitance of RF Voltmeter)
E1: S.S.G. Output Voltage

Measurement Circuit

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