

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFSKA6M50CF00-R3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SFSKA6M50CF00-R3

# SFSKA6M50CF00-R3









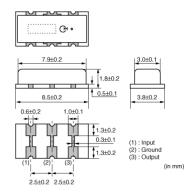
## **Applications**

| Unsuitable               | Please be sure to read and comply with     |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."               |  |
| Specific<br>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<br>Packing<br>Quantity |
|-------------------------|----------------|---------------------------------|
| -R3 330mm Embossed Tape |                | 3000                            |



### **Features**

SMD ceramic filter SFSKA\_CF is a small and thin SMD filter sealed with a metal cap. Recommended for LCD-TVs, and small and thin tuners.

#### Features

- 1. High attenuation outside bandwidth.
- 2. Small and thin package.
- 3. Reflow-solderable.

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#### Attention

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- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
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# **Specifications**

| Operating Temperature Range | -20°C to 80°C        |
|-----------------------------|----------------------|
| Shape                       | SMD                  |
| Elements                    | 1                    |
| Center Frequency            | 6.500MHz             |
| Nominal Center Value        | Yes                  |
| 3dB Bandwidth               | fn±60kHzmin.         |
| Stop Bandwidth              | 600kHz               |
| Spurious Attenuation        | 25dB[within 0 to fn] |
| Insertion Loss              | 6.0dBmax.            |
| Input/Output Impedance      | 470Ω                 |
| Mass                        | 137mg                |

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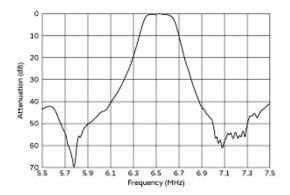
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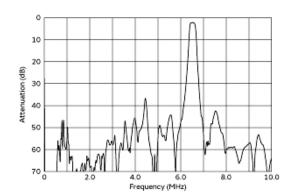
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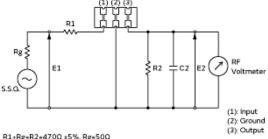
### **Product Data**





#### Frequency Characteristics

Spurious Response



R1+Rg=R2=470Ω ±5%, 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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