

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFZLA455KS2A-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SFZLA455KS2A-B0

SFZLA455KS2A-B0









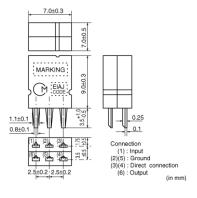
Applications

| Unsuitable | Please be sure to read and comply with | | | | |
|--------------------------|--|--|--|--|--|
| Applications | these "Precautions for use." | | | | |
| Specific 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 Packing Quantity |
|-----------|----------------|---------------------------------|
| -B0 | Bulk | 200 |



Features

SFZLAseries for AM use is one of the most recommendable intermediate filters, having such distinctive features as high selectivity, high stability, and adjustment-free operation. Additionally its easy matching with IC helps create an easy circuit design.

Features

- 1. Center frequency range between 450 to 470kHz are available standard tolerance of +/-2kHz.
- 2. For frequency synthesizers, center frequencies of 450, 459 and 468kHz are available standard tolerance of +/-1kHz.

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Specifications

| Operating Temperature Range | -20°C to 80°C | | | |
|-----------------------------|----------------------------------|--|--|--|
| Shape | Lead | | | |
| Elements | 2 | | | |
| Center Frequency | 456.0kHz | | | |
| Center Frequency Tolerance | ±2kHz | | | |
| Nominal Center Value | No | | | |
| 3dB Bandwidth | 5.5kHz±1.0kHz | | | |
| Selectivity(+) | 18dB[fo+9kHz] | | | |
| Selectivity(-) | 18dB[fo-9kHz] | | | |
| Spurious Attenuation | 20dBmin.[within 0.1 to 3MHz] | | | |
| Insertion Loss | 7.0dBmax.(at minimum loss point) | | | |
| Ripple | 1.5dBmax.[within 3dBB.W.] | | | |
| GDT Deviation | 20μsec. | | | |
| Input/Output Impedance | 3000Ω | | | |
| Mass | 726mg | | | |

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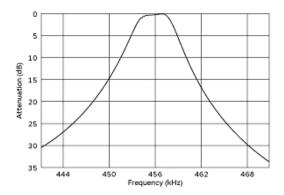
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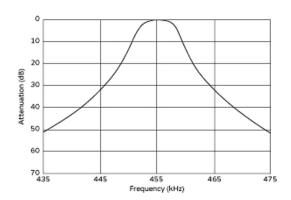
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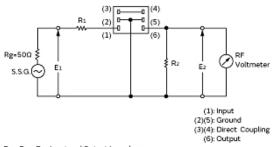


Product Data





Frequency Characteristics (filter Only)



R1 + Rg = R2 =Input and Outout Impedance E1: S.S.G. Output Voltage

Frequency Characteristics (with Ift)

| Type | SFULA_B | | | SFZLA_A | | | |
|---------------------------------------|-----------|---------|---------|---------|---------|--------|--|
| Item | 7x7mm IFT | | | | | | |
| Winding Specification | (1)—(2) | (2)—(3) | (4)—(6) | (1)—(2) | (2)—(3) | (4)—(6 | |
| S(3) (4)5 (2) (6) (Bottom view) | 70T | 115T | 7Т | 68T | 84T | 14T | |
| No load Qu | 105 | | 90 | | | | |
| Tuning Capacitance | 180pF | | | 180pF | | | |

 Matching of CERAFIL® SFULA/SFZLA series with IFT is decided by the IFT secondary side impedance, |Z2|. The design target values of |Z2| are: For SFULA \square B : 300Ω For SFZLA \square A : $1k\Omega$

Measurement Circuit

Recommended Ift

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