

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFZLA455KN2A-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=SFZLA455KN2A-B0

# SFZLA455KN2A-B0









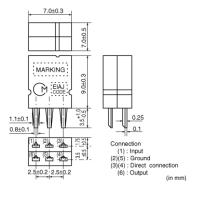
### **Applications**

Unsuitable	Please be sure to read and comply with			
Applications	these "Precautions for use."			
	Consumer equipment			
Specific Applications	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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#### 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	Lead
Elements	2
Center Frequency	455.5kHz
Center Frequency Tolerance	±2kHz
Nominal Center Value	No
3dB Bandwidth	4.0kHz±1.0kHz
Selectivity(+)	23dB[fo+9kHz]
Selectivity(-)	23dB[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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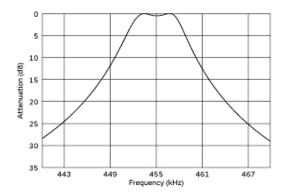
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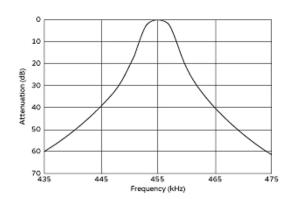
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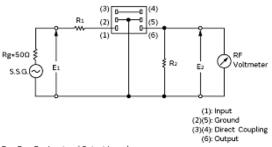
### **Product Data**





#### Frequency Characteristics (filter Only)





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

Type	SFULA_B			SFZLA_A			
Item	7x7mm IFT						
Winding Specification	(1)—(2)	(2)—(3)	(4)—(6)	(1)—(2)	(2)—(3)	(4)—(6)	
\$(3) (4)\$ (2) (6) (Bottom view)	70T	115T	7T	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 :  $300\Omega$ For SFZLA $\square$ A :  $1k\Omega$ 

Measurement Circuit

Recommended Ift

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