

#### 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Note: This datasheet may be out of date.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-us/products/productdetail?partno=SFZLA455KS2A-E

# SFZLA455KS2A-B0









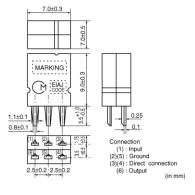
## **Applications**

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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#### 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	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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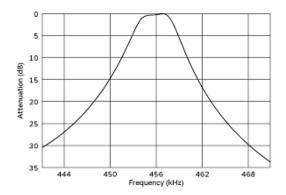
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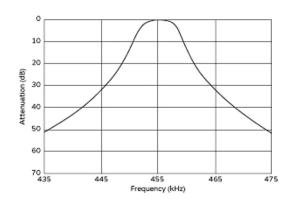
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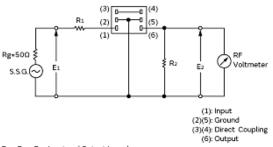


### **Product Data**





### 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)S (2) (6) (1) (6)	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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