

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of SFULA455KU2B-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partpo=SELII_A455KLI2B-B

SFULA455KU2B-B0









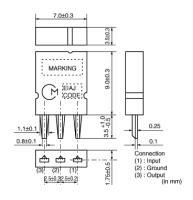
Applications

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
В0	Bulk	500



Features

SFULAseries 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

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Specifications

Operating Temperature Range	-20°C to 80°C			
Shape	Lead			
Elements	1			
Center Frequency	462.0kHz			
Center Frequency Tolerance	±2kHz			
Nominal Center Value	No			
3dB Bandwidth	10.0kHz±3.0kHz			
Selectivity(+)	4dB[fo+10kHz]			
Selectivity(-)	6dB[fo-10kHz]			
Spurious Attenuation	10dBmin.[within 0.1 to 3MHz]			
Insertion Loss	5.0dBmax.(at minimum loss point)			
Ripple	0.0dB[within 3dBB.W.]			
GDT Deviation	20μsec.			
Input/Output Impedance	3000Ω			
Mass	347.98mg			

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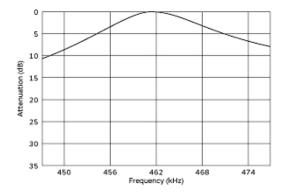
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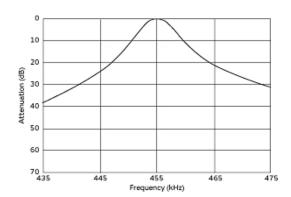
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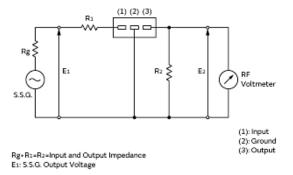


Product Data





Frequency Characteristics (filter Only)



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) (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 : 300Ω For SFZLA \square A : $1k\Omega$

Measurement Circuit

Recommended Ift

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