

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Note: This datasheet may be out of date.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-gb/products/productdetail?partno=SFULA455KU2B-B0

SFULA455KU2B-B0









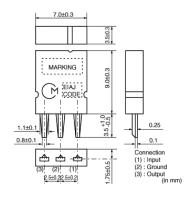
Applications

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.

1 of 3

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

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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Note: This datasheet may be out of date.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-gb/products/productdetail?partno=SFULA455KU2B-B0

SFULA455KU2B-B0



Specifications

-20°C to 80°C			
Lead			
1			
462.0kHz			
±2kHz			
No			
10.0kHz±3.0kHz			
4dB[fo+10kHz]			
6dB[fo-10kHz]			
10dBmin.[within 0.1 to 3MHz]			
5.0dBmax.(at minimum loss point)			
0.0dB[within 3dBB.W.]			
20µsec.			
3000Ω			
347.98mg			

2 of 3

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 datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



Product Search Data Sheet

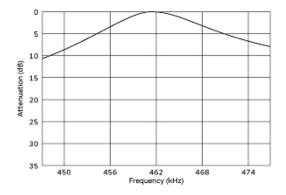
Note: This datasheet may be out of date. Please download the latest datasheet of SFULA455KU2B-B0 from the official website of Murata Manufacturing Co., Ltd.

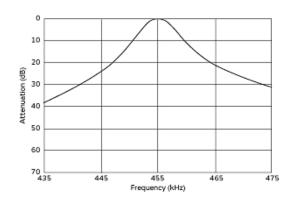
http://www.murata.com/en-gb/products/productdetail?partno=SFULA455KU2B-B0

SFULA455KU2B-B0

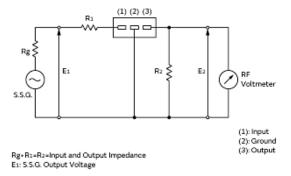


Product Data





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) (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

3 of 3

- 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 datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

