

Product Search Data Sheet

SFPLA450KH1A-B0

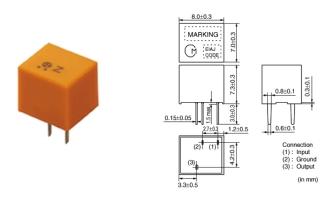
Discontinued RoHS REACH

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

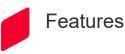


Note: This datasheet may be out of date. Please download the latest datasheet of SFPLA450KH1A-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SFPLA450KH1A-B0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-B0	Bulk	200



SFPLA series for AM use is one of the most suitable intermediate filters, having such distinctive features as high selectivity, high stability, high attenuation, and adjustment-free operation. Additionally, its easy matching with IC helps create an easy circuit design. This is the most suitable for car stereo and all band radio with high attenuation.

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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 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





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Specifications

Operating Temperature Range	-20°C to 80°C
Shape	Lead
Elements	4
Center Frequency	450.0kHz
Center Frequency Tolerance	±1kHz
Nominal Center Value	No
6dB Bandwidth	fn±3.0kHzmin.
Selectivity(+)	40dB[fn+9kHz]
Selectivity(-)	40dB[fn-9kHz]
Stop Band Attenuation	35dBmin.[within fn±100kHz]
Insertion Loss	6.0dBmax.(at minimum loss point)
Ripple	1.5dBmax.[within fn±2kHz]
GDT Deviation	20µsec.
Input/Output Impedance	2000Ω
Mass	1068mg

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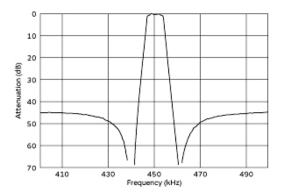
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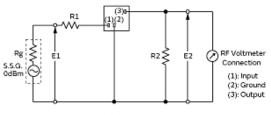
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Product Data



Frequency Characteristics (filter Only)





Rg+R1=R2=Input/Output Impedance

SFPLA/CFULA/CFWLA Туре Item 7x7mm IFT (1)-(2)(2) - (3)(4)-(6) Winding Specification Ot S(3) Q)(4)5 (2) C 60T 125T 28T (1) \mathbf{O} 6 (6) (Bottom view) No load Qu 40 Tuning Capacitance 180pF

 Matching of CERAFIL® SFPLA/CFULA/CFWLA series with IFT is decided by the Qu of IFT and IFT secondary side impedance, [Z2]. Set the Qu at about 40 because a Qu value which is too high (e.g.,90) may produce ripple in the waveform. It is recommended to match the impedance of [Z2] with that of the CERAFIL®.

Measurement Circuit

Recommended Ift

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