

Product Search Data Sheet

CFWLA450KGFA-B0

REACH

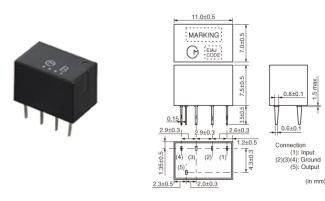
Discontinued RoHS

Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Specific	management, and safety required for	
Applications	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Note: This datasheet may be out of date.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 CFWLA450KGFA-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CFWLA450KGFA-B0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
-B0	Bulk	150



CFWLAseries 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. Especially, CFWLA_Y series improves the frequency fidelity in the high sound area of an AM stereo with its wide band and flat characteristics of group delay time.



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	6
Center Frequency	450.0kHz
Nominal Center Value	No
6dB Bandwidth	fn±4.5kHzmin.
Selectivity(+)	50dB[fn+10kHz]
Selectivity(-)	50dB[fn-10kHz]
Stop Band Attenuation	35dBmin.[within fn±100kHz]
Insertion Loss	6.0dBmax.(at minimum loss point)
Ripple	2.0dBmax.[within fn±3kHz]
GDT Deviation	20µsec.
Input/Output Impedance	2000Ω
Mass	690mg

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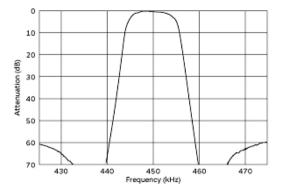


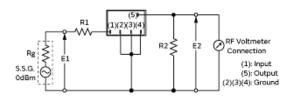
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Rg+R1=R2=Input/Output Impedance

Frequency Characteristics (filter Only)

Type	SFPLA/CFULA/CFWLA 7x7mm IFT		
Winding Specification	(1)-(2)	(2)-(3)	(4)(6)
5(3) (2) (1) (4) (4) (4) (4) (4) (6)	60T	125T	28T
(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®.

Recommended Ift

Measurement Circuit

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