

Note: This datasheet may be out of date

Please download the latest datasheet of CFWLA455KB4Y-B0 from the official website of Murata Manufacturing

Co., Lta

https://www.murata.com/en-us/products/productdetail?partno=CFWLA455KB4Y-B0

CFWLA455KB4Y-B0



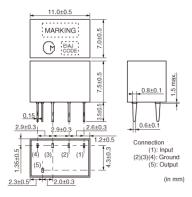






Appearance & Shape







Features

CFWLA_Y series are high selectivity ceramic filters, which consist of 6 ceramic elements connected in a ladder form. They are most suitable for digital communications and mobile telephones because of their improved GDT characteristics.

Features

- 1. High selectivity
- 2. Avariety of bandwidths are available
- 3. Excellent GDT characteristics are available within pass bandwidth.
- 4. Easily mounted on a printed circuit board
- 5. Operating temperature range: -20 to +80 (degrees C), Storage temperature range: -40 to +85 (degrees C)



Other Usage

Communication Equipment



Packaging Information

Packaging	Specifications	Minimum Order Quantity
-B0	Bulk	150

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 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



URL: https://www.murata.com/

Last updated :2019/09/14



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CFWLA455KB4Y-B0



Operating Temperature Range	-20°C to 80°C	
Shape	Lead	
Elements	6	
Center Frequency	455.0kHz	
Center Frequency Tolerance	±1.5kHz	
Nominal Center Value	No	
6dB Bandwidth	fn±15.0kHzmin.	
Stop Bandwidth	30.0kHz	
Area of Stop Bandwidth	[within 50dB]	
Stop Band Attenuation	40dB[within fn±100kHz]	
Insertion Loss	6.0dB[at minimum loss point]	
Ripple	1.0dB[within fn±10kHz]	
GDT Deviation	30.0µs[within fn±10kHz]	
Input/Output Impedance	1500Ω	

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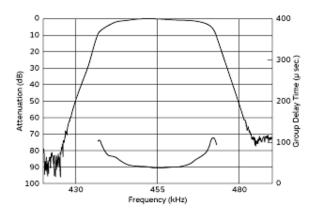
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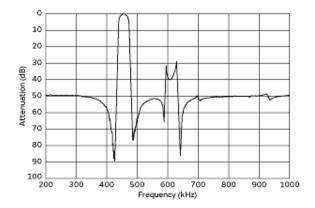
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 $\begin{tabular}{ll} \hline \textbf{Co., Ltd.} \\ \textbf{https://www.murata.com/en-us/products/productdetail?partno=CFWLA455KB4Y-B0 \\ \end{tabular}$

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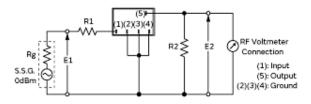






Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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OOO «ЛайфЭлектроникс" "LifeElectronics" LLC

ИНН 7805602321 КПП 780501001 P/C 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 3010181090000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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