

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CFWLA455KG1Y-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CFWLA455KG1Y-B0

CFWLA455KG1Y-B0









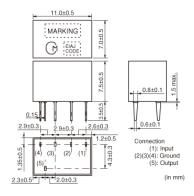
Applications

| 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 |
|-----------|----------------|---------------------------------|
| -B0 | Bulk | 150 |



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)

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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 | 6 |
| Center Frequency | 455.0kHz |
| Center Frequency Tolerance | ±1kHz |
| Nominal Center Value | No |
| 6dB Bandwidth | fn±4.5kHzmin. |
| Stop Bandwidth | 15.0kHz |
| Area of Stop Bandwidth | [within 50dB] |
| Stop Band Attenuation | 40dB[within fn±100kHz] |
| Insertion Loss | 11.0dB[at minimum loss point] |
| Ripple | 1.0dB[within fn±3kHz] |
| GDT Deviation | 40.0µs[within fn±3kHz] |
| Input/Output Impedance | 2000Ω |
| Mass | 690mg |

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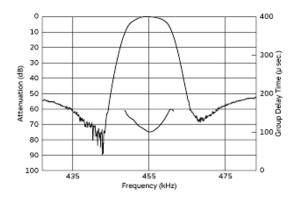
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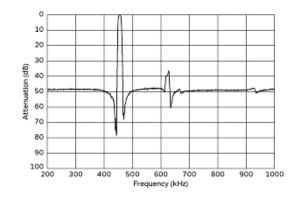
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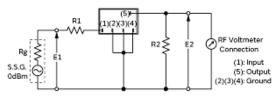
Product Data





Frequency Characteristics

Spurious Response



Rg+R1=R2=Input/Output Impedance

Measurement Circuit

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