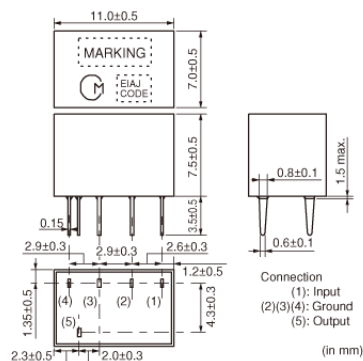


CFWLA455KB4Y-B0

Discontinued RoHS REACH

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. A variety 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)

Applications

Other Usage Communication Equipment

Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|------------------------|
| -B0 | Bulk | 150 |

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.

CFWLA455KB4Y-B0



Specifications

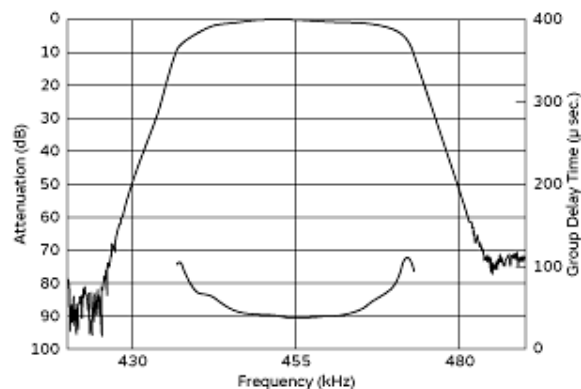
| | |
|-----------------------------|------------------------------|
| Operating Temperature Range | -20°C to 80°C |
| Shape | Lead |
| Elements | 6 |
| Center Frequency | 455.0kHz |
| Center Frequency Tolerance | ±1.5kHz |
| Nominal Center Value | No |
| 6dB Bandwidth | fn±15.0kHzmin. |
| Stop Bandwidth | 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 |

Attention

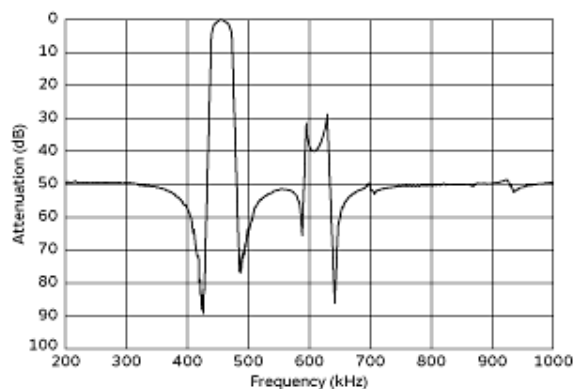
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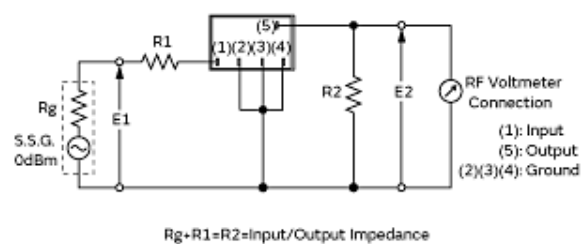
Product Data



Frequency Characteristics



Spurious Response



Measurement Circuit

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