CERAFIL® Plastic Case General Use CFWLB_A Series

CFWLB_A series ceramic filters are miniature, high performance ceramic filters composed of piezoelectric elements connected in a ladder form. These filters, with only 6.3mm high, are 67% the volume of conventional types. (CFWLB_A series) They are well suited for miniaturizing various kinds of communications equipment, pocket pagers, pagers, car radios, cordless telephones and mobile telephones.

Features
1. Miniature and high selectivity.
2. A variety of bandwidths are available.
3. Operating temperature range: -20 to +80 (degree C) Storage temperature range: -40 to +85 (degree C)

For safety purposes, connect the output of filters to the IF amplifier through a D.C. blocking capacitor. Avoid applying a direct current to the output of ceramic filters.

Part Number | Nominal Center Frequency (fn) (kHz) | 6dB Bandwidth (kHz) | Stop Bandwidth (kHz) | Stop Band Attenuation (dB) | Insertion Loss (dB) | Input/Output Impedance (ohm)
---|---|---|---|---|---|---
CFWLB455KBFA-B0 | 455 | fn±15.0 min. | fn±30.0 max. [within 50dB] | 35 min. [within fn±100kHz] | 4.0 max. [at minimum loss point] | 1500 |
CFWLB455KCFA-B0 | 455 | fn±12.5 min. | fn±24.0 max. [within 50dB] | 35 min. [within fn±100kHz] | 4.0 max. [at minimum loss point] | 1500 |
CFWLB455KDFA-B0 | 455 | fn±10.0 min. | fn±20.0 max. [within 50dB] | 35 min. [within fn±100kHz] | 4.0 max. [at minimum loss point] | 1500 |
CFWLB455KEFA-B0 | 455 | fn±7.5 min. | fn±15.0 max. [within 50dB] | 35 min. [within fn±100kHz] | 6.0 max. [at minimum loss point] | 1500 |
CFWLB455KEFA004-B0 | 455 | fn±7.5 min. | fn±15.0 max. [within 60dB] | 60 min. [within fn±15kHz to 30kHz] | 5.0 max. [at fn] | 1500 |
CFWLB455KFFA-B0 | 455 | fn±6.0 min. | fn±12.5 max. [within 50dB] | 35 min. [within fn±100kHz] | 6.0 max. [at minimum loss point] | 2000 |
CFWLB455KFGA-B0 | 455 | fn±4.5 min. | fn±10.0 max. [within 50dB] | 35 min. [within fn±100kHz] | 6.0 max. [at minimum loss point] | 2000 |
CFWLB455KFGA-B0 | 455 | fn±3.0 min. | fn±9.0 max. [within 50dB] | 55 min. [within fn±100kHz] | 6.0 max. [at minimum loss point] | 2000 |
CFWLB455KJFA-B0 | 455 | fn±2.0 min. | fn±7.0 max. [within 50dB] | 55 min. [within fn±100kHz] | 7.0 max. [at minimum loss point] | 2000 |

For safety purposes, connect the output of filters to the IF amplifier through a D.C. blocking capacitor. Avoid applying a direct current to the output of ceramic filters. The order quantity should be an integral multiple of the “Minimum Quantity” shown in package page in this catalog.