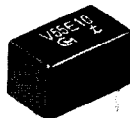


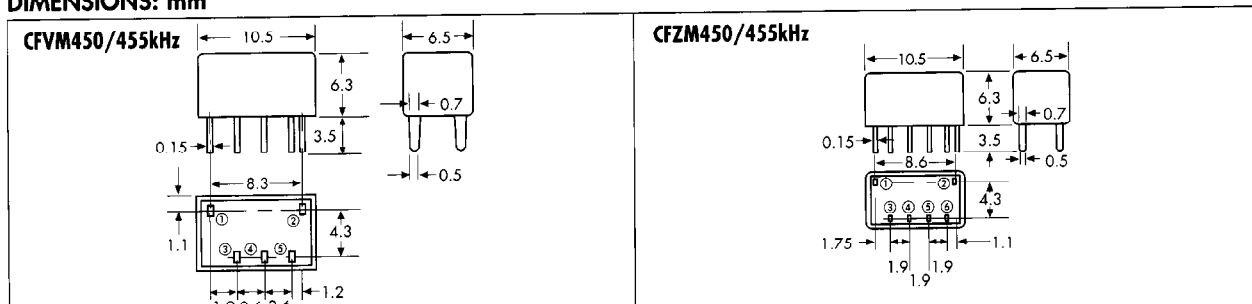
FILTERS FOR COMMUNICATIONS EQUIPMENT RESIN MOLDED, MULTI-ELEMENT CFVM/CFZM SERIES



The CFVM line of ceramic filters are 7-element devices connected in ladder form while the CFZM line of filters contain 9-elements. These highly selective filters offer improved stopband attenuation and are recommended for use in a variety of applications. Available in 450kHz and 455kHz versions.



DIMENSIONS: mm

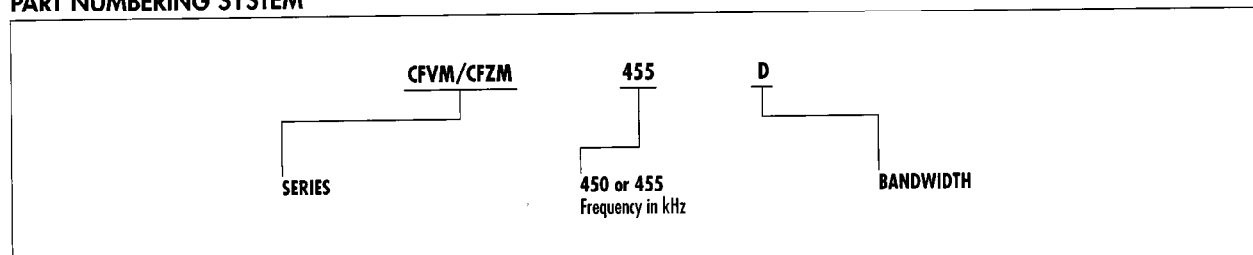


Note: For safety purposes, connect the output of filters to the IF amplifier through a DC blocking capacitor. Avoid applying a direct current to the output of ceramic filters.

SPECIFICATIONS

Part Number	Nominal Center Frequency (kHz)	3dB Bandwidth (kHz) min.	6dB Bandwidth (kHz) min.	Ripple (dB) max.	60dB Bandwidth (kHz) max.	Attenuation (dB) min.	Spurious Response (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFVM455B	455	± 10	± 15	3	± 25	50	25	4	1000
CFVM455C	455	± 9	± 13	3	± 23	50	25	4	1000
CFVM455D	455	± 7	± 10	3	± 20	50	25	4	1500
CFVM455E	455	± 5.5	± 8	3	± 16	50	25	6	1500
CFVM455E10	455	± 5.0	± 7.0	3	± 12.5	50	25	6	1500
CFVM455F	455	± 4.2	± 6	3	± 12	50	25	6	1500
CFVM455G	455	—	± 4	3	± 10	50	25	6	1500
CFVM455H	455	—	± 3	3	± 7.5	50	25	6	1500
Part Number	Nominal Center Frequency (kHz)	3dB Bandwidth (kHz) min.	6dB Bandwidth (kHz) min.	Ripple (dB) max.	70dB Bandwidth (kHz) max.	Attenuation (dB) min.	Spurious Response (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFZM455B	455	± 10	± 15	3	± 25	70	40	4	1000
CFZM455C	455	± 9	± 13	3	± 23	70	40	4	1000
CFZM455D	455	± 7	± 10	3	± 20	70	40	4	1500
CFZM455E	455	± 5.5	± 8	3	± 16	70	40	6	1500
CFZM455E10	455	± 5.0	± 7.5	3	± 12.5	70	40	6	1500
CFZM455F	455	± 4.2	± 6	3	± 12	70	50	6	1500
CFZM455G	455	—	± 4	3	± 10	70	50	6	1500
CFZM455H	455	—	± 3	3	± 7.5	70	50	7	1500

PART NUMBERING SYSTEM



*Applicable in North American market only. †Applicable in European market only.
For more detailed information regarding this product line in North America, see Catalog No. P-05-D. To receive additional information on Murata Products call 1-800-831-9172.
For more detailed information regarding this product line in Europe, see Catalog No. P05E-8.

FILTERS