

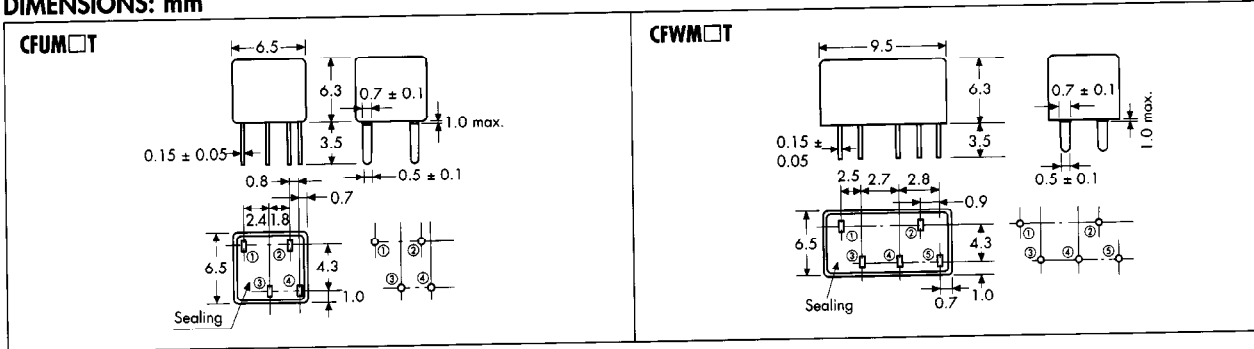
FILTERS MULTI-ELEMENT, ULTRA MINIATURE, GDT FLAT CFUM□Y/CFWM□Y455kHz



The CFUM□Y/CFWM□Y lines of ceramic filters are miniaturized versions of the CFUS□Y/CFWS□Y lines. These ultra-miniature versions consume approximately 40% less volume while still offering the same excellent G.D.T. characteristics as the CFUS□Y/CFWS□Y lines. This reduction in size makes these devices ideal for compact communication applications such as mobile telephones. Available in 450kHz and 455kHz versions.



DIMENSIONS: mm

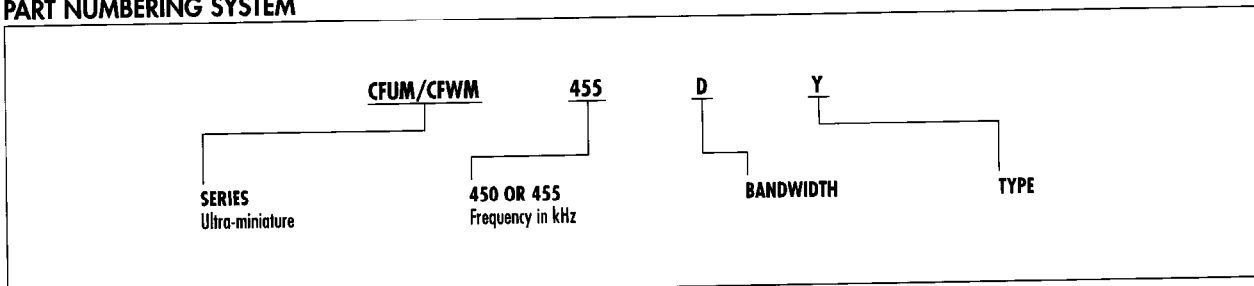


SPECIFICATIONS

Part Number	6dB Bandwidth (kHz) min.	40dB Bandwidth (kHz) max.	Stop Band Attenuation (dB) min.	Insertion Loss (dB) max.	Group Delay Time sec. max. (kHz)	Input/Output Impedance (Ω)
CFUM455BY	±15	±35	25	5	15μ (455 ± 10.0)	1500
CFUM455CY	±12.5	±30	25	6	15μ (455 ± 8.0)	1500
CFUM455DY	±10	±25	23	7	20μ (455 ± 7.0)	1500
CFUM455EY	±7.5	±20	23	8	20μ (455 ± 5.0)	1500
CFUM455FY	±6.0	±17.5	23	9	20μ (455 ± 4.0)	2000
CFUM455GY	±4.5	±15	20	10	20μ (455 ± 3.0)	2000
Part Number	6dB Bandwidth (kHz) min.	50dB Bandwidth (kHz) max.	Stop Band Attenuation (dB) min.	Insertion Loss (dB) max.	Group Delay Time sec. max. (kHz)	Input/Output Impedance (Ω)
CFWM455BY	±15	±35	40	6	30μ (455 ± 10.0)	1500
CFWM455CY	±12.5	±30	40	7	30μ (455 ± 8.0)	1500
CFWM455DY	±10	±25	40	8	30μ (455 ± 7.0)	1500
CFWM455EY	±7.5	±20	40	9	30μ (455 ± 5.0)	1500
CFWM455FY	±6.0	±17.5	40	10	40μ (455 ± 4.0)	2000
CFWM455GY	±4.5	±15	40	11	40μ (455 ± 3.0)	2000

- CFUM455□Y is a miniaturized 4-element version of the conventional CFUS455□Y.
- CFWM455□Y is a miniaturized 4-element version of the conventional CFWS455□Y.
- 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.

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.