

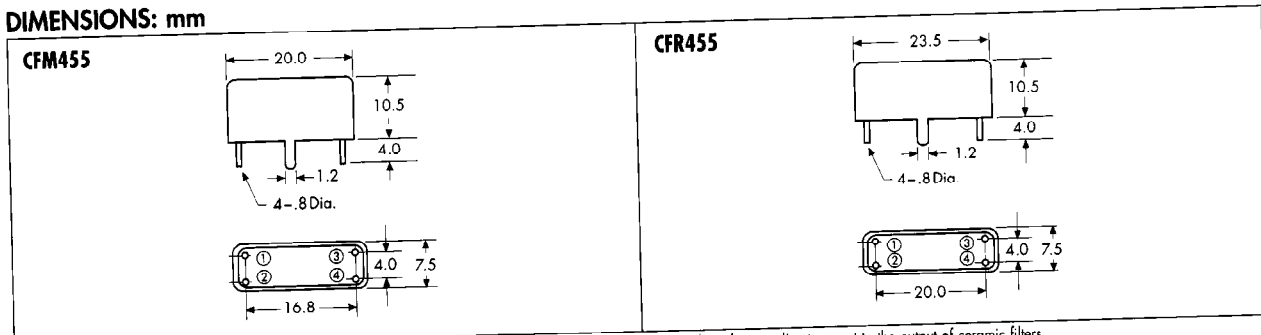
FILTERS FOR COMMUNICATIONS EQUIPMENT RESIN MOLDED, MULTI-ELEMENT CFM/CFR455 SERIES



The following lines of filters are high performance devices that achieve ultimate stopband attenuation through the use of multiple piezoelectric elements connected in ladder form. A few of the recommended applications for these filters include high class receivers, SSB communications equipment, pocket pagers and mobile radios.

CFM455 9 Ceramic Elements
CFR455 11 Elements Filters

DIMENSIONS: mm

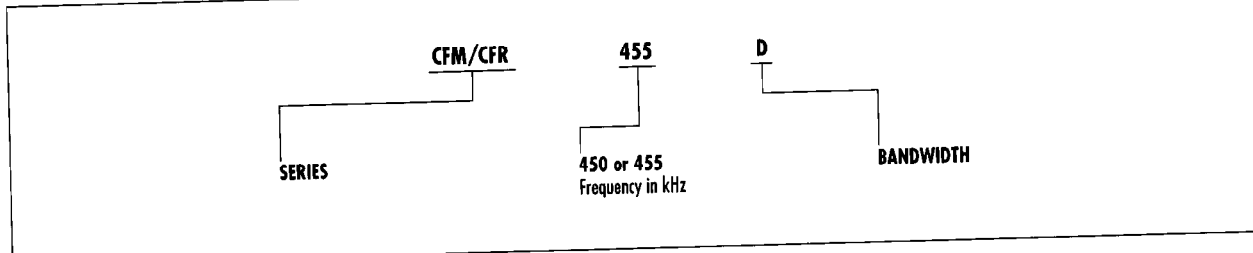


Note: For safety purposes, connect the output of filters to the IF amplifier through a DC blocking capacitor. Avoid applying a direct current to the output of ceramic filters.

SPECIFICATIONS

Part Number	Nominal Center Frequency (kHz)	3dB Bandwidth (kHz) min.	6dB Bandwidth (kHz) min.	Ripple (dB) max.	Bandwidth		Attenuation 455±100kHz (dB) min.	Spurious 0.1~1MHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)	
					(kHz) max.	At (dB)					
CFM455A	455	±13	±17.5	3	±30	60	50	30	3	1000	
CFM455B	455	±10	±15	3	±25		50	30	3	1000	
CFM455C	455	±9	±13	3	±23		50	30	3	1500	
CFM455D	455	±7	±10	3	±20		45	30	5	1500	
CFM455E	455	±5.5	±8	3	±16		45	30	6	2000	
CFM455F	455	±4.2	±6	3	±12		45	30	6	2000	
CFM455G	455	—	±4	3	±10		45	30	6	2000	
CFM455H	455	—	±3	3	±7.5		45	30	7	2000	
CFM455I	455	—	±2	3	±5		45	30	7	2000	
CFR455A	455	±13	±17.5	3	±30		70	60	40	4	1000
CFR455B	455	±10	±15	3	±25			60	40	4	1000
CFR455C	455	±9	±13	3	±23	60		40	4	1000	
CFR455D	455	±7	±10	3	±20	60		40	4	1500	
CFR455E	455	±5.5	±8	3	±16	55		40	6	1500	
CFR455F	455	±4.2	±6	3	±12	55		40	6	2000	
CFR455G	455	—	±4	3	±10	55		40	6	2000	
CFR455H	455	—	±3	3	±7.5	55		40	7	2000	
CFR455I	455	—	±2	3	±5	55		40	8	2000	
CFR455J	455	—	±1.5	3	±4.5	55		40	8	2000	

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.