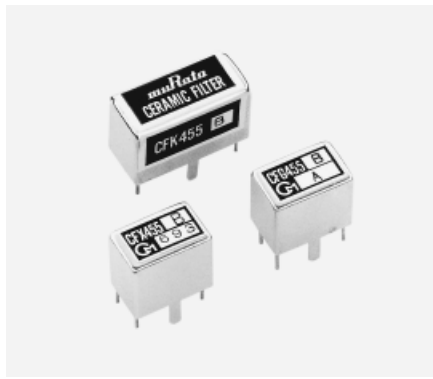


FILTERS

FOR COMMUNICATIONS EQUIPMENT—RESIN MOLDED MULTI-ELEMENT—CFG/CFK/CFX SERIES

Murata

Innovator in Electronics



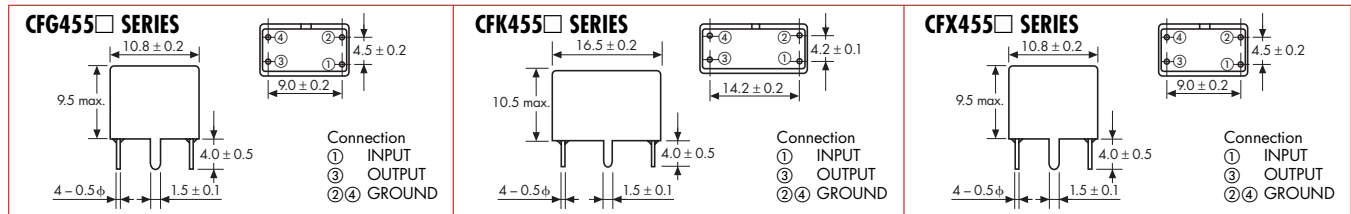
CFG Series ceramic filters are high-performance filters, which consist of piezoelectric elements connected in a ladder form. They can be widely used as intermediate-frequency filters in various high-class receivers, SSB communications equipment, mobile radio set.

- Variety of bandwidths available to suit your needs
- Operating temperature range: -20°C to +80°C
Storage temperature range: -40°C to +85°C

FEATURES

- High selectivity
- Stable operation in a wide temperature range

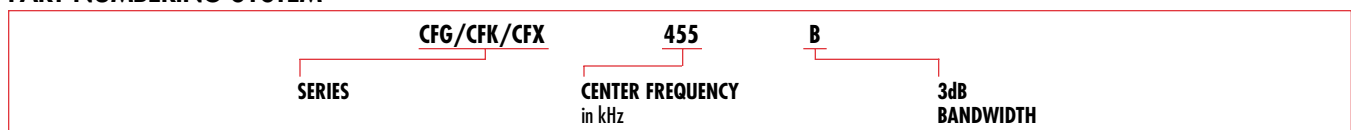
DIMENSIONS: mm



SPECIFICATIONS

Part Number	Nominal Center Frequency (kHz)	3dB Bandwidth (kHz) min.	6dB Bandwidth (kHz) min.	Ripple (dB) max.	60dB Bandwidth (kHz) max.	Attenuation 455±100kHz (dB) min.	Spurious 0.1~1MHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFG455□									
CFG455B	455	±10	±15	3	±25	50	25	4	1000
CFG455C	455	±9	±13	3	±23	50	25	4	1000
CFG455D	455	±7	±10	3	±20	50	25	4	1500
CFG455E	455	±5.5	±8	3	±16	50	25	6	1500
CFG455E10	455	±5.0	±7.0	3	±12.5	50	25	6	1500
CFG455F	455	±4.2	±6	3	±12	50	25	6	1500
CFG455G	455	—	±4	3	±10	50	25	6	1500
CFG455H	455	—	±3	3	±7.5	50	25	6	1500
CFG455I	455	—	±2	3	±5	50	25	6	2000
CFG455J	455	—	±1.5	3	±4.5	50	25	6	2000
Part Number	Nominal Center Frequency (kHz)	3dB Bandwidth (kHz) min.	6dB Bandwidth (kHz) min.	Ripple (dB) max.	70dB Bandwidth (kHz) max.	Attenuation 455±100kHz (dB) min.	Spurious 0.1~1MHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFK455□									
CFK455B	455	±10	±15	3	±25	80	50	4	1000
CFK455C	455	±9	±13	3	±23	80	50	4	1000
CFK455D	455	±7	±10	3	±20	80	50	4	1500
CFK455E	455	±5.5	±8	3	±16	80	50	6	1500
CFK455E10	455	±5.0	±7.5	3	±12.5	80	50	6	1500
CFK455F	455	±4.2	±6	3	±12	80	50	6	2000
CFK455G	455	—	±4	3	±10	80	50	6	2000
CFK455H	455	—	±3	3	±7.5	80	50	7	2000
CFK455I	455	—	±2	3	±5	80	50	8	2000
CFK455J	455	—	±1.5	3	±4.5	80	50	8	2000
CFX455□									
CFX455B	455	±10	±15	3	±25	70	40	4	1000
CFX455C	455	±9	±13	3	±23	70	40	4	1000
CFX455D	455	±7	±10	3	±20	70	40	4	1500
CFX455E	455	±5.5	±8	3	±16	70	40	6	1500
CFX455E10	455	±5.0	±7.5	3	±12.5	70	40	6	1500
CFX455F	455	±4.2	±6	3	±12	70	50	6	1500
CFX455G	455	—	±4	3	±10	70	50	6	1500
CFX455H	455	—	±3	3	±7.5	70	50	7	1500
CFX455I	455	—	±2	3	±5	70	50	8	2000
CFX455J	455	—	±1.5	3	±4.5	70	50	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, consult us. 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. POSE-8.

FILTERS