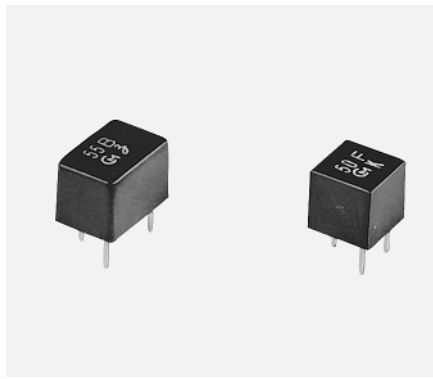


# FILTERS

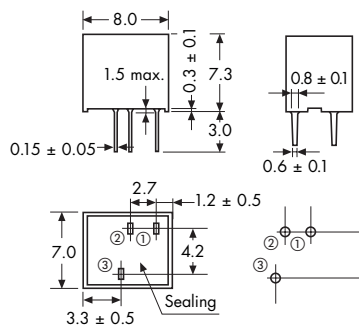
## FOR COMMUNICATIONS EQUIPMENT—RESIN MOLDED, MULTI-ELEMENT—CFUS□Y/CFWS□Y SERIES



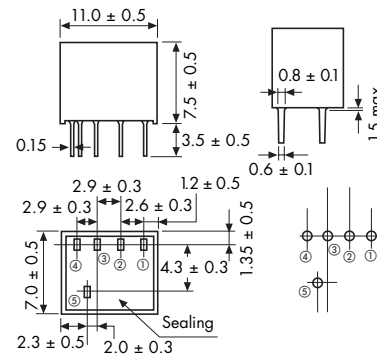
The CFUS□Y lines of ceramic filters are 4-element devices connected in ladder form while the CFWS□Y455 filters contain 6-elements. These highly selective filters are designed to address the G.D.T. characteristics required in digital communications. The excellent G.D.T. characteristics allow these filters to be utilized in areas such as the mobile cellular markets as well as a variety of stereo applications. Available in 450kHz and 455kHz versions.

### DIMENSIONS: mm

#### CFUS□Y455kHz



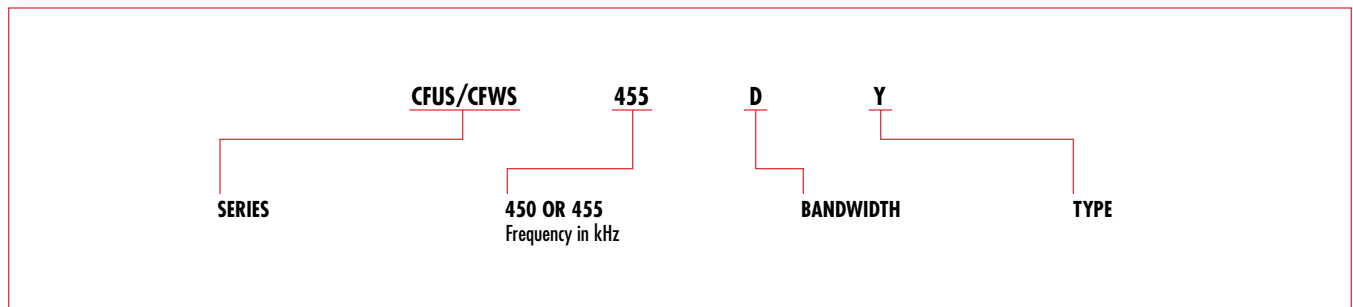
#### CFWS□Y455kHz



### SPECIFICATIONS

Part Number	6dB Bandwidth (kHz) min.	Attenuation Bandwidth (kHz) max.	Stop Band Attenuation (dB) min	Insertion Loss (dB) max.	Ripple (dB) max.	Group Delay Time sec. max. (kHz)	Input /Output Impedance (Ω)
CFUS455BY	±15.0	±35	25	5.0	1.0	15μ (455 ± 10)	1.5k
CFUS455CY	±12.5	±30	25	6.0	1.0	15μ (455 ± 8.0)	1.5k
CFUS455DY	±10.0	±25	23	7.0	1.0	20μ (455 ± 7.0)	1.5k
CFUS455EY	±7.5	±20	23	8.0	1.0	20μ (455 ± 5.0)	1.5k
CFUS455FY	±6.0	±17.5	23	9.0	1.0	20μ (455 ± 4.0)	2.0k
CFUS455GY	±4.5	±15	23	10.0	1.0	20μ (455 ± 3.0)	2.0k
CFWS455BY	±15.0	±35	40 min.	6.0	1.0	30μ (455 ± 10)	1.5k
CFWS455CY	±12.5	±30	40 min.	7.0	1.0	30μ (455 ± 8.0)	1.5k
CFWS455DY	±10.0	±25	40 min.	8.0	1.0	30μ (455 ± 7.0)	1.5k
CFWS455EY	±7.5	±20	40 min.	9.0	1.0	30μ (455 ± 5.0)	1.5k
CFWS455FY	±6.0	±17.5	40 min.	10.0	1.0	40μ (455 ± 4.0)	2.0k
CFWS455GY	±4.5	±15	40 min.	11.0	1.0	40μ (455 ± 3.0)	2.0k

### 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.