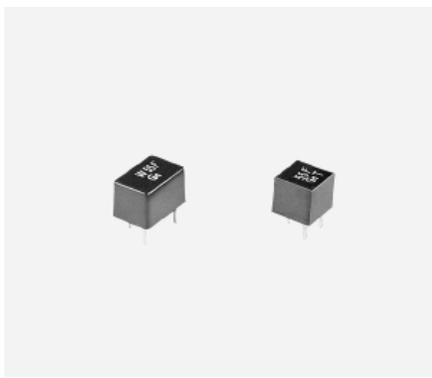


FILTERS FOR COMMUNICATIONS EQUIPMENT

MINIATURE, G.D.T. FLAT TYPE

CFUM/CFWM455□Y SERIES



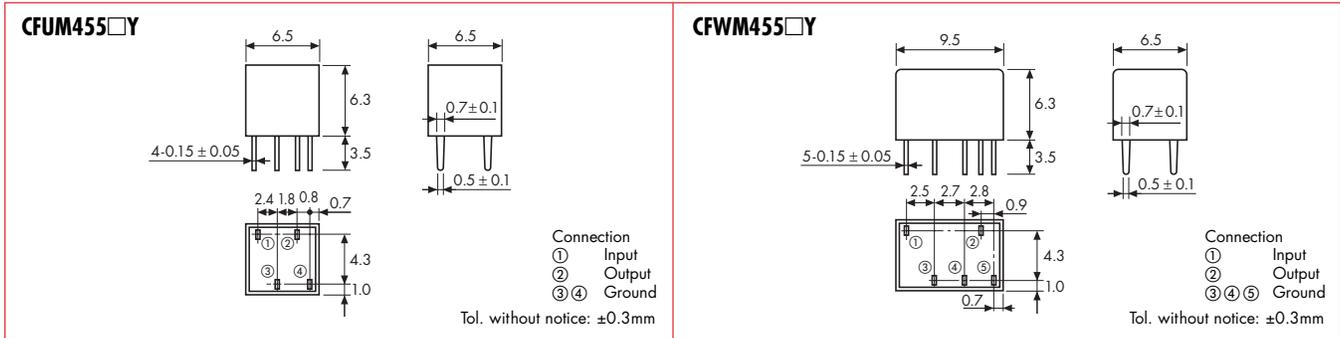
Ceramic filter CFUM/CFWM455□Y Series are miniature and high-performance filters. These filters, while only 6.3mm high, are 60% the volume of conventional types (CFUS/CFWS Series). Well suited for miniaturizing the communications equipment, especially for a cellular phone.

- Operating temperature range: -20°C to +80°C
- Storage temperature range: -40°C to +85°C
- Available for 450kHz and 455kHz

FEATURES

- Miniature, flat G.D.T. characteristics
- Suitable for a cellular phone
- A variety of bandwidths are available.

DIMENSIONS: mm

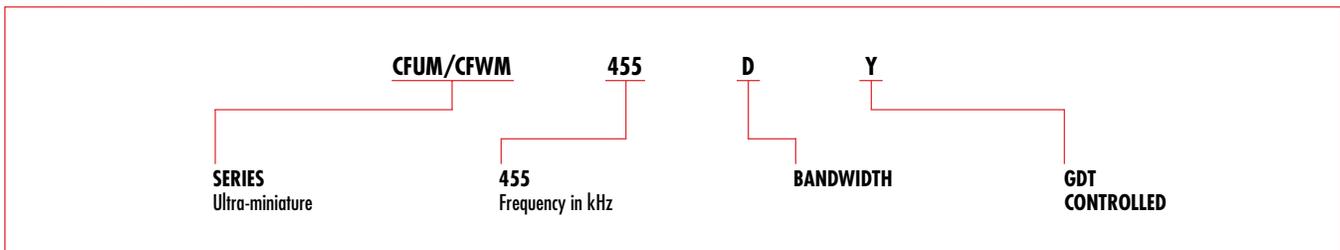


SPECIFICATIONS

Part Number	Nominal Center Frequency (kHz)	6dB Bandwidth (kHz) min.	40dB Bandwidth (kHz) max.	Attenuation 455±100kHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)	G.D.T. Deviation (μsec.)
CFUM455BY	455 ± 1.5	±15	±35	25	5	1500	[15] (±10kHz)
CFUM455CY	455 ± 1.5	±12.5	±30	25	6	1500	[15] (±8kHz)
CFUM455DY	455 ± 1.0	±10	±25	23	7	1500	[20] (±7kHz)
CFUM455EY	455 ± 1.0	±7.5	±20	23	8	1500	[20] (±5kHz)
CFUM455FY	455 ± 1.0	±6	±17.5	23	9	2000	[20] (±4kHz)
CFUM455GY	455 ± 1.0	±4.5	±15	23	10	2000	[20] (±3kHz)
Part Number	Nominal Center Frequency (kHz)	6dB Bandwidth (kHz) min.	50dB Bandwidth (kHz) max.	Attenuation 455±100kHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)	G.D.T. Deviation (μsec.)
CFWM455BY	455 ± 1.5	±15	±35	35	6	1500	[30] (±10kHz)
CFWM455CY	455 ± 1.5	±12.5	±30	35	7	1500	[30] (±8kHz)
CFWM455DY	455 ± 1.0	±10	±25	35	8	1500	[30] (±7kHz)
CFWM455EY	455 ± 1.0	±7.5	±20	35	9	1500	[30] (±5kHz)
CFWM455FY	455 ± 1.0	±6	±17.5	35	10	2000	[40] (±4kHz)
CFWM455GY	455 ± 1.0	±4.5	±15	35	13	2000	[40] (±3kHz)

- CFUM455□Y series filters are 4-element ceramic filters and miniature type of CFUS455□Y series.
- CFWM455□Y series filters are 6-element ceramic filters and miniature type of CFWS455□Y series.

PART NUMBERING SYSTEM



* Available as standard through authorized Murata Electronics Distributors. * 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.