

FILTERS

FOR AM AND FM APPLICATIONS

CFZC/CFWC SERIES



The CFWC455CZ Series consist of 6 ceramic elements. The filters are recommended for digital communication applications and are perfect in hand held cellular phones.

- The filters are wide bandwidth, flat G.D.T. within pass band.
- Operating temperature range: -20°C to +75°C.
- Storage temperature range: -40°C to +85°C.

FEATURES

- The filters are mountable by automatic placers.
- The filters can be reflow soldered.
- They are slim, at only 3.0mm maximum thickness, and have a small mounting area (11.5 x 7.5mm²) enable flexible PCB design.

DIMENSIONS: mm

NEW CFWC455/CFZC455

① INPUT
② OUTPUT
③④ GROUND
Body color: Cream
Tol. without notice: ±0.3mm

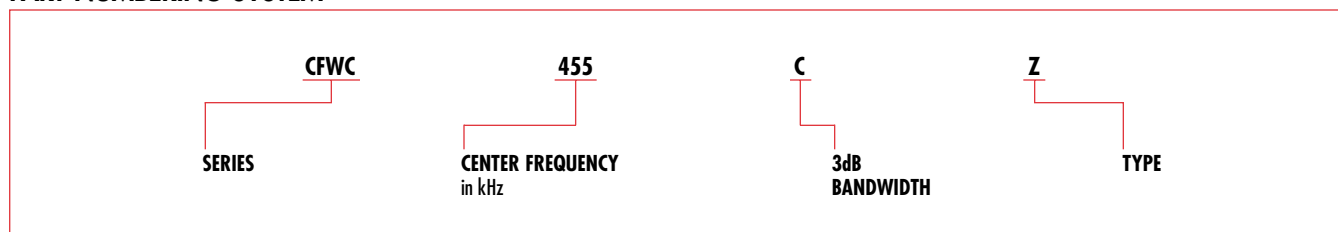
⊖ : EIA-J Date Code

SPECIFICATIONS

Part Number	Nominal Center Frequency (f ₀) (kHz)	3dB Bandwidth (from f ₀) (kHz) max.	Stop Band Attenuation				Spurious Response		Insertion Loss (at f ₀) (dB) max.	Ripple (dB)	G.D.T. Ripple Deviation (μsec.)	Input/Output Impedance (kΩ)
			at f ₀ ±16kHz (dB) min.	at f ₀ ±25kHz (dB) min.	within f ₀ ±40 – ±50kHz (dB) min.	within f ₀ ±100kHz (dB) min.	within 0.1–1MHz (dB) min.	within 555–675kHz (dB) min.				
CFZC455CZ	455	±10.5 to ±13.0	—	30	55	55	40	20	8.5	(±10.5kHz) 0.5 max.	(±10.5kHz) 20 max.	1.0
CFZC455CZ2	455	±9.0 to ±11.5	6.5	40	55	53	20	—	8.5	(±9kHz) 0.5 max.	(±9kHz) 20 max.	1.0
CFWC455CZ	455	±10.5 to ±13.0	—	30	55	50	40	20	6.0	(±10.5kHz) 0.5 max.	(±10.5kHz) 27 max.	1.0
CFWC455CZ2	455	±9.0 to ±11.5	6.5	40	55	50	20	—	6.0	(±9kHz) 0.5 max.	(±9kHz) 27 max.	1.0

Note: For tape and reel packaging, the suffix is "-TC." For example, CFWC455CZ-TC.

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.

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