

TR-11(3)

MCF

■Features

Metal can leaded type crystal filter for 10MHz range.

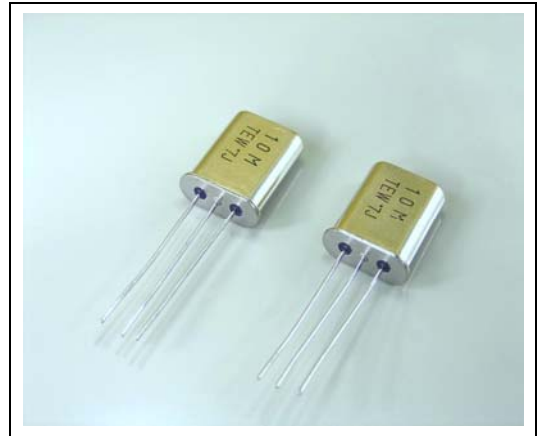
Suitable for various IF applications and exhibits superior characteristics.

Hermetic sealing by resistance welding

Center frequency covers a range from 10 to 20MHz.

4-pole is available by pairing two units

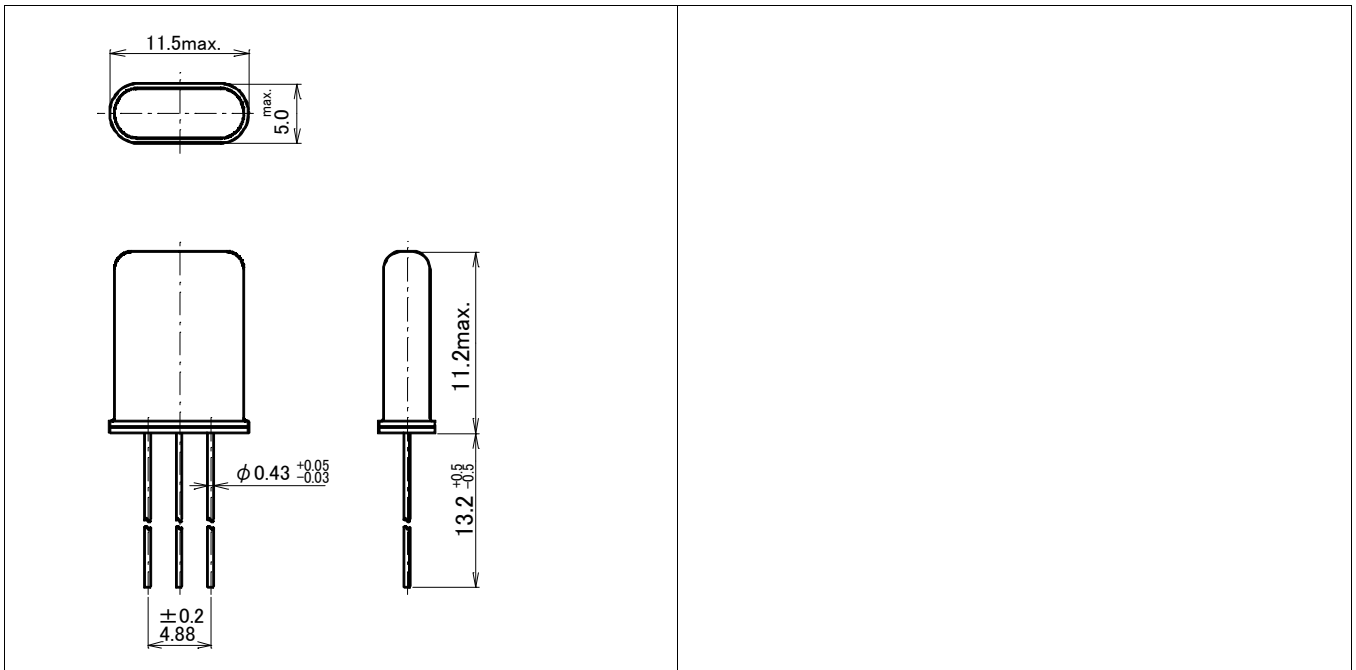
Base Station , mobile radio application.



■Standard Specification

Model Name(Number of pole)	MF10B(2pole)	MF10P4(2pole)	MF10U6(2pole)
Nominal Frequency	10.000 (MHz)	10.000 (MHz)	10.700 (MHz)
Pass Bandwidth	3.0 (dB): ±0.5kHz min.	3.0 (dB): ±4.0kHz min.	3.0 (dB): ±15.00kHz min.
Attenuation Bandwidth	30.0 (dB): ±10.0kHz max.	30.0 (dB): ±40.0kHz max.	18.0 (dB): ±50.0kHz max.
Pass-band Ripple	1.0 max. (dB)	0.5 max. (dB)	0.5 max. (dB)
Insertion Attenuation	3.0 max. (dB)	2.0 max. (dB)	2.0 max. (dB)
Spurious Responses	20min. (dB)	20min. (dB)	
Terminating Impedance	800(Ω)// 20.0(pF)	1.8k(Ω)// 1.5(pF)	5.0k(Ω)// -1.0(pF)

■Outline Dimensions



Note : Modified specifications are available upon request for specific applications.

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Specifications subject to change without notice. May / 2010