

Package : TM7050A

MCF

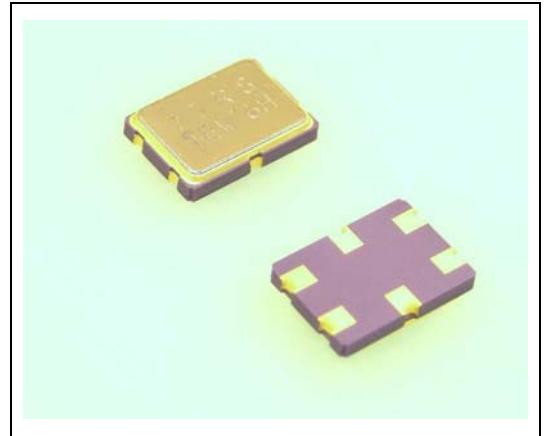
■Features

- Small and thin SMD filter as 2-pole or 3-pole.
- Product height 1.35mm using ceramic package.
- Hermetic sealing by seam welding.
- Nominal frequency covers a range from 30 to 150MHz.
- Lead-free product and reflow solderable . RoHS compliant.

■Applications Base Station , mobile radio application.

■Standard Specifications

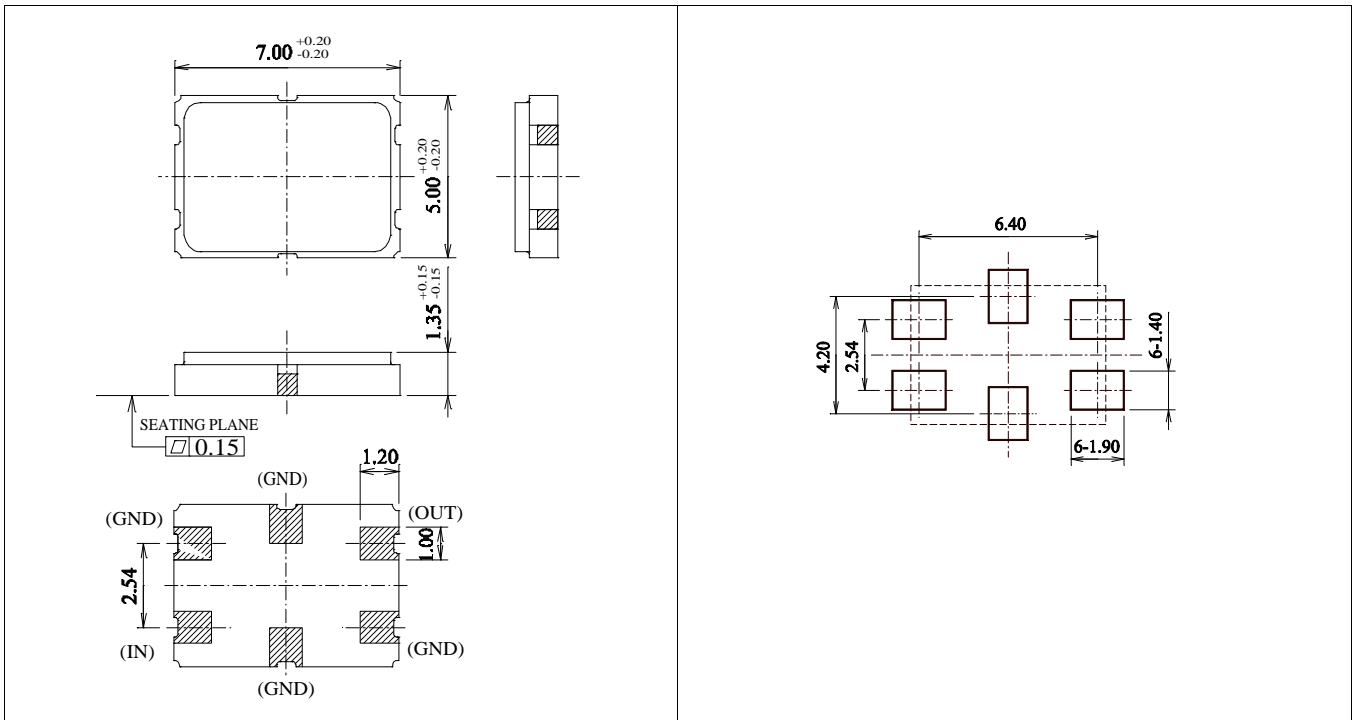
Note : Modified specifications are available upon request for specific applications.



Model Name(Number of pole)	MF45R2S(2pole)	MF45UH2(2pole)	MFI44Q(3pole)
Nominal Frequency	45.000 (MHz)	45.000 (MHz)	44.850 (MHz)
Pass Bandwidth	3.0 (dB): $\pm 7.50\text{kHz}$ min.	3.0 (dB): $\pm 15.0\text{kHz}$ min.	3.0 (dB): $\pm 6.50\text{kHz}$ min.
Attenuation Bandwidth	24.0 (dB): $\pm 50.0\text{kHz}$ max.	17.0 (dB): $\pm 48.0\text{kHz}$ max.	25.0 (dB): $\pm 25.0\text{kHz}$ max.
Pass-band Ripple	0.5 max. (dB)	1.0 max. (dB)	1.0 max. (dB)
Insertion Attenuation	1.5 max. (dB)	2.0 max. (dB)	2.0 max. (dB)
Guaranteed Attenuation	60min. (dB) @ $f_0 - 900\text{kHz}$	70min. (dB) @ $f_0 - 900\text{kHz}$	78min. (dB) @ $f_0 - 900\text{kHz}$
Terminating Impedance	560(Ω)// 6.0(pF)	1.2k(Ω)// 1.8(pF)	550(Ω)// 3.0(pF)

■Outline Dimensions

■Reference Land Pattern



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The ordering number will be obtained separately by customer's requirement.