

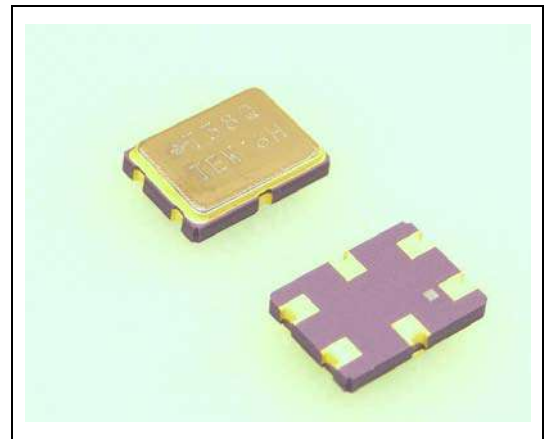
TM7050B

MCF

■Features

- Small and thin SMD 4-pole filter.
- Product height 1.35mm using ceramic package.
- Hermetic sealing by seam welding.
- Nominal Frequency frequency covers a range. from 30 to 150MHz.
- Lead-free product and reflow solderable.
- RoHS compliant.

■Applications Base Station , mobile radio application.

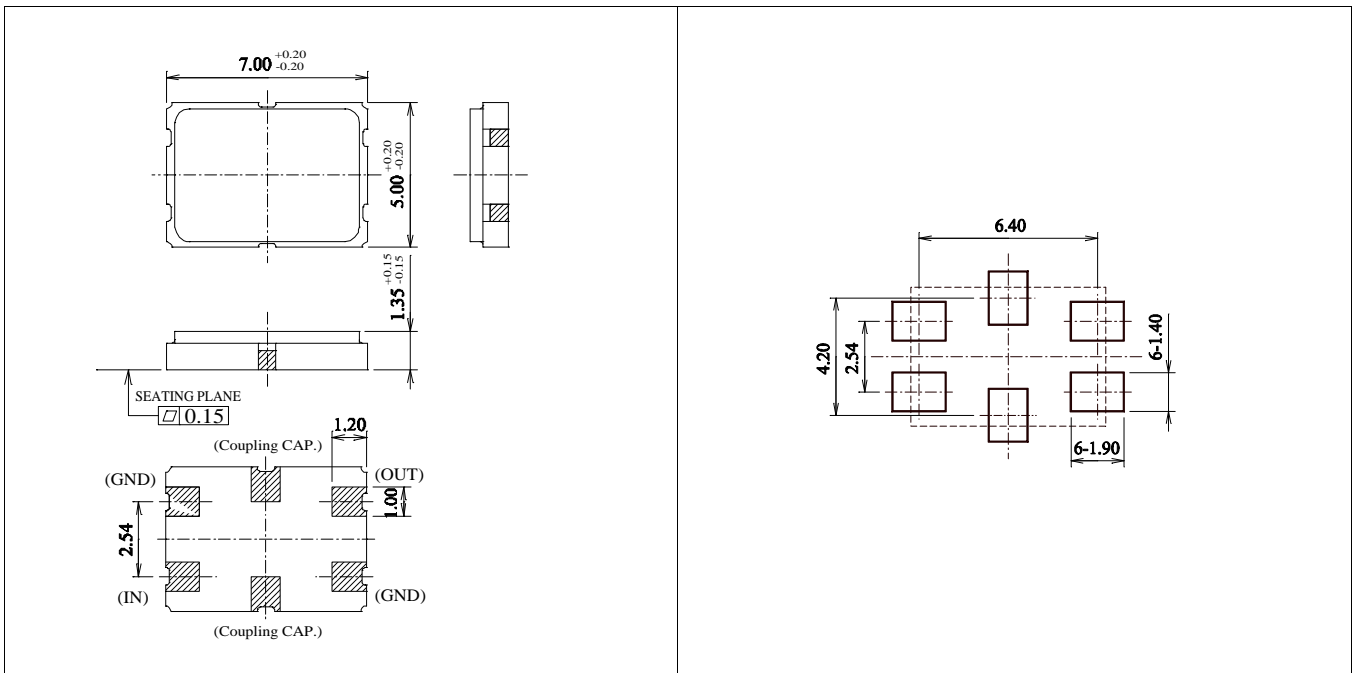


■Standard Specification

Model Name(Number of pole)	MFT38P(4pole)	MFT38Q(4pole)	MFT45R(4pole)
Nominal Frequency	38.850 (MHz)	38.850 (MHz)	45.000 (MHz)
Pass Bandwidth	3.0 (dB): ±5.00kHz min.	3.0 (dB): ±6.00kHz min.	3.0 (dB): ±7.50kHz min.
Attenuation Bandwidth	40.0 (dB): ±20.0kHz max.	35.0 (dB): ±25.0kHz max.	25.0 (dB): ±22.0kHz max.
Pass-band Ripple	1.0 max. (dB)	1.0 max. (dB)	1.0 max. (dB)
Insertion Attenuation	4.0 max. (dB)	4.0 max. (dB)	3.0 max. (dB)
Guaranteed Attenuation	---	70min. (dB) @ f_0 -900kHz	80min. (dB) @ f_0 -900kHz
Terminating Impedance	610(Ω)// 3.0(pF) Cc=14.0pF	610(Ω)// 3.0(pF) Cc=13.0pF	800(Ω)// 1.7(pF) Cc=8.0pF

■Outline Dimensions

■Reference Land Pattern



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

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Specifications subject to change without notice. Apr / 2009