

# Package : TM7050B

## MCF

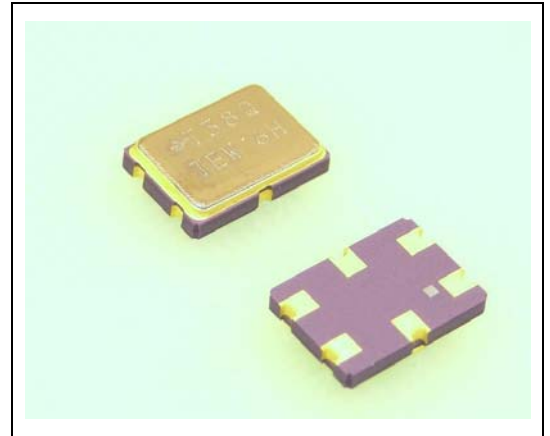
### ■Features

- 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

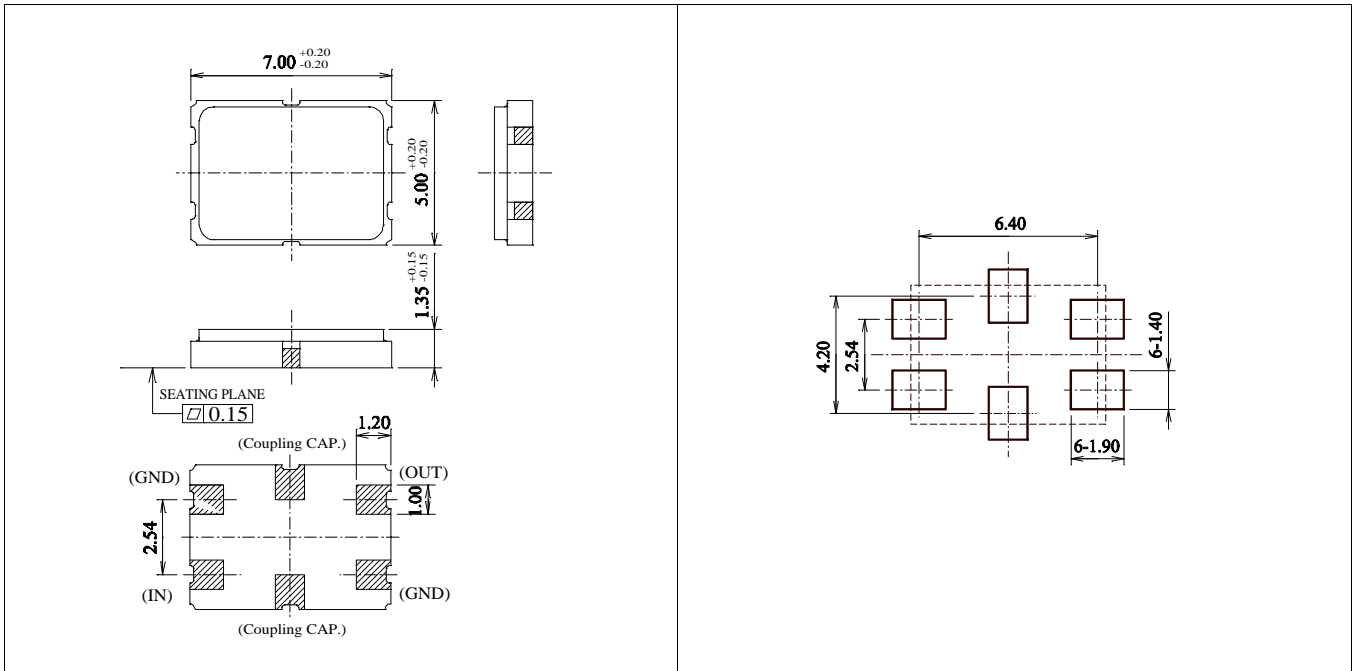
Note : Modified specifications are available upon request for specific applications.



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): $\pm 5.00$ kHz min.	3.0 (dB): $\pm 6.00$ kHz min.	3.0 (dB): $\pm 7.50$ kHz min.
Attenuation Bandwidth	40.0 (dB): $\pm 20.0$ kHz max.	35.0 (dB): $\pm 25.0$ kHz max.	25.0 (dB): $\pm 22.0$ kHz 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) @ $f_0 - 900$ kHz	80min. (dB) @ $f_0 - 900$ kHz
Terminating Impedance	610( $\Omega$ )// 3.0(pF) Cc=14.0pF	610( $\Omega$ )// 3.0(pF) Cc=13.0pF	800( $\Omega$ )// 1.7(pF) Cc=8.0pF

### ■Outline Dimensions

### ■Reference Land Pattern



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