

Package : TM7050E

MCF

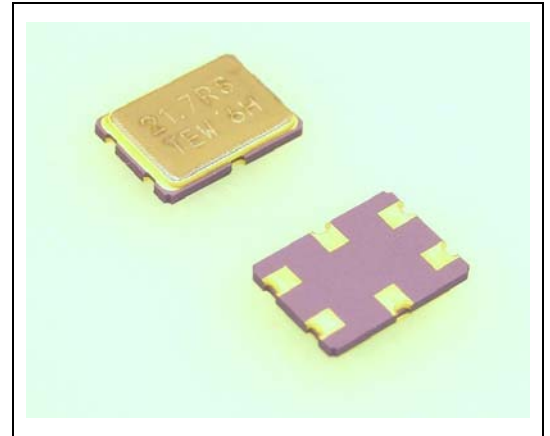
■Features

- Small and thin SMD 4-pole filter.
- Product height 1.35mm using ceramic package.
- Hermetic sealing by seam welding.
- Nominal frequency a range from 20 to 150MHz.
- Lead-free product and reflow solderable.
- RoHS compliant.

■Applications Base Station , mobile radio application.

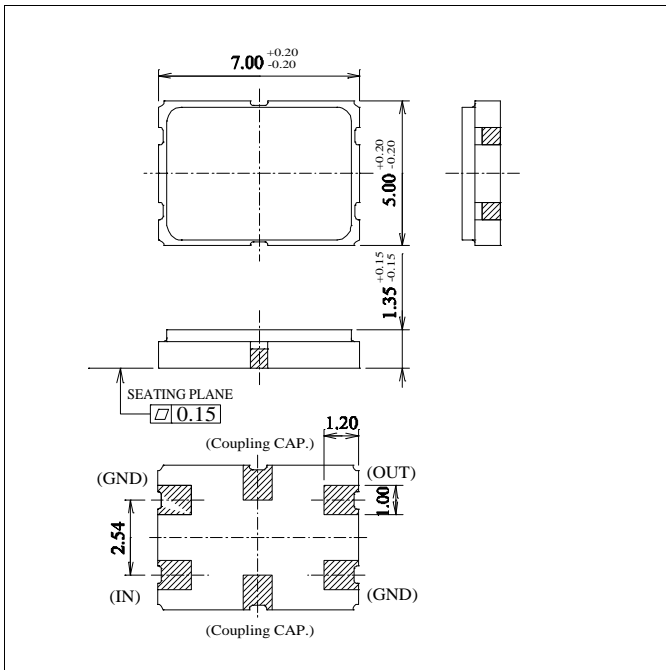
■Standard Specification

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

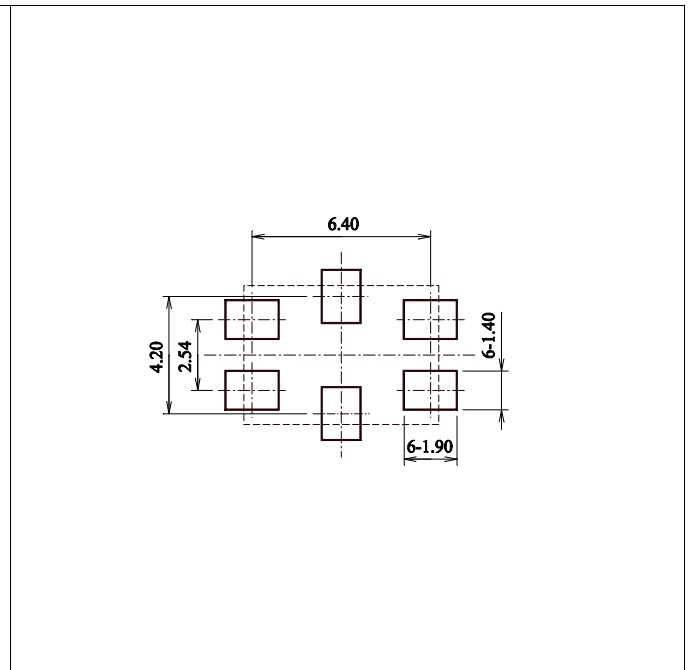


Model Name(Number of pole)	MFT21.7R(4pole)	MFT47.2M(4pole)	MFT47.2P(4pole)
Nominal Frequency	21.700 (MHz)	47.250 (MHz)	47.250 (MHz)
Pass Bandwidth	3.0 (dB): ±7.50kHz min.	3.0 (dB): ±3.50kHz min.	3.0 (dB): ±5.00kHz min.
Attenuation Bandwidth	40.0 (dB): ±25.0kHz max.	40.0 (dB): ±15.0kHz max.	40.0 (dB): ±18.0kHz max.
Pass-band Ripple	1.0 max. (dB)	1.5 max. (dB)	1.0 max. (dB)
Insertion Attenuation	3.0 max. (dB)	5.0 max. (dB)	3.5 max. (dB)
Guaranteed Attenuation	70min. (dB) @ f ₀ -910kHz	80min. (dB) @ f ₀ -900kHz	80min. (dB) @ f ₀ -910kHz
Terminating Impedance	1750(Ω)// 0.35(pF) Cc=5.0pF	250(Ω)// 5.0(pF) Cc=23.0pF	430(Ω)// 6.5(pF) Cc=14.5pF

■Outline Dimensions



■Reference Land Pattern



Note : Modified specifications are available upon request for specific applications.
The ordering number will be obtained separately by customer's requirement.

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Specifications subject to change without notice. Jan / 2011