

Package : TM7050C

MCF

■ Features

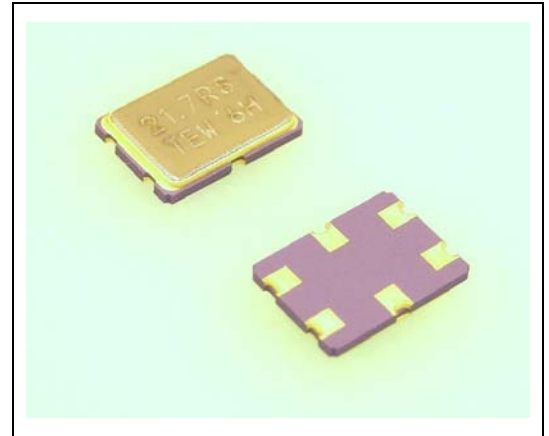
- Small and thin SMD 2-pole filter.
- Product height 1.0mm using ceramic package.
- Hermetic sealing by seam welding.
- Nominal Frequency covers a range from 20 to 30MHz.
- Lead-free product and reflow solderable.
- RoHS compliant.

■ Applications

Base Station , mobile radio application.

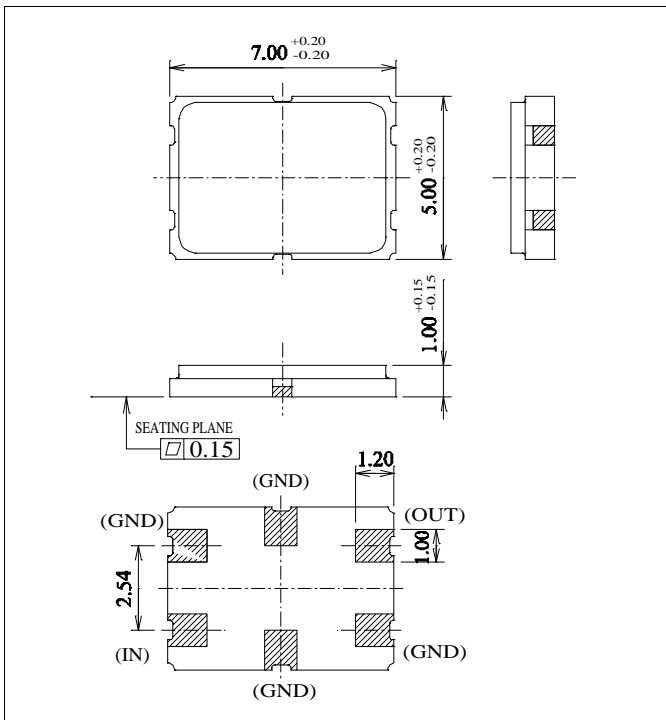
■ Standard Specification

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

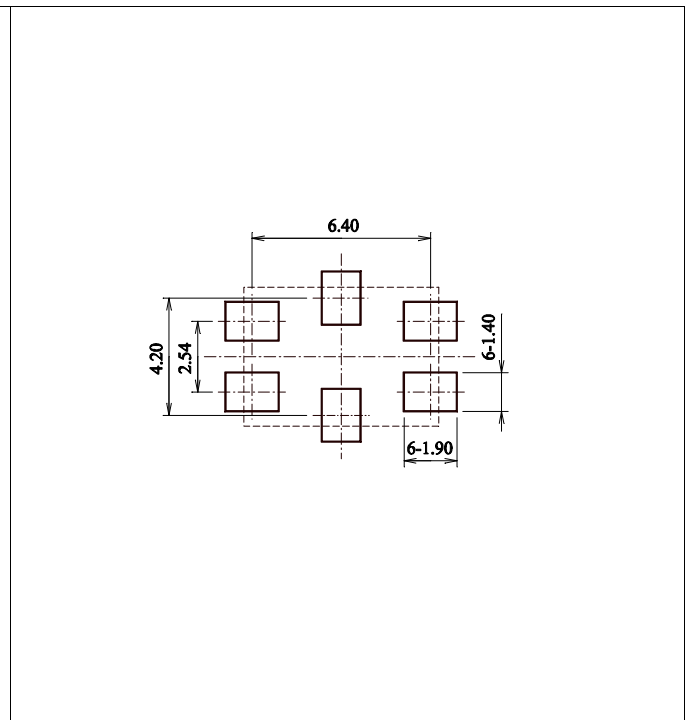


Model Name(Number of pole)	MF21RS(2pole)	MF21.7RS(2pole)	MF26M4(2pole)
Nominal Frequency	21.400 (MHz)	21.700 (MHz)	26.050 (MHz)
Pass Bandwidth	3.0 (dB): $\pm 7.50\text{kHz}$ min.	3.0 (dB): $\pm 7.50\text{kHz}$ min.	3.0 (dB): $\pm 3.50\text{kHz}$ min.
Attenuation Bandwidth	18.0 (dB): $\pm 28.0\text{kHz}$ max.	18.0 (dB): $\pm 25.0\text{kHz}$ max.	18.0 (dB): $\pm 12.5\text{kHz}$ 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) @ $f_0 - 910\text{kHz}$	50min. (dB) @ $f_0 - 910\text{kHz}$
Terminating Impedance	1500(Ω)// 2.5(pF)	1500k(Ω)// 2.5(pF)	1000(Ω)// 2.5(pF)

■ Outline Dimensions



■ Reference Land Pattern



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