

TM7050E

MCF

■ Features

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

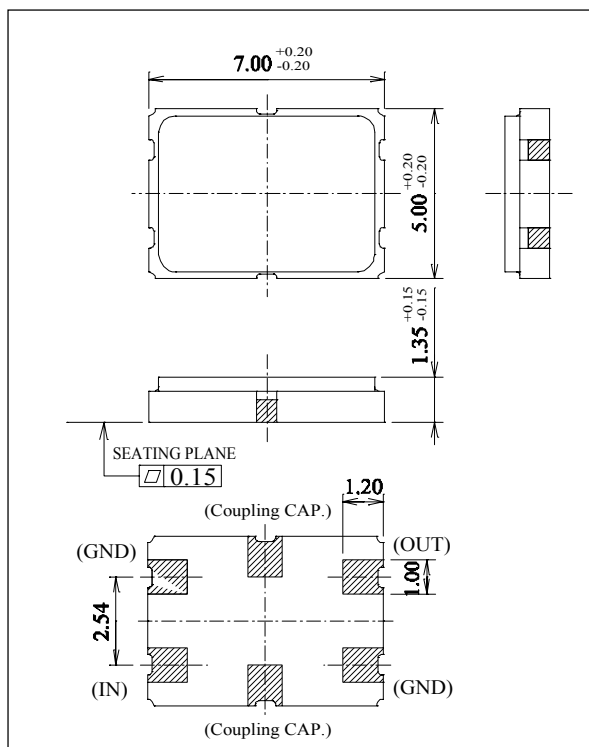
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■ Standard Specifications

| Model Name | MFT21.7R | MFT47.2M | MFT47.2P |
|------------------------|--------------------------------------|-------------------------------------|-------------------------------------|
| 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 |

Products with specific requirements are available upon request

■ Outline Dimensions



■ Reference Land Pattern

