

TM7050A

MCF

■ Features

- Small and thin SMD filter as 2-pole or 3-pole.
- Product height 1.35mm using ceramic package.
- Hermetic sealing by seam welding
- Center frequency covers a range from 30 to 150MHz.
- Lead-free product and reflow solderable.

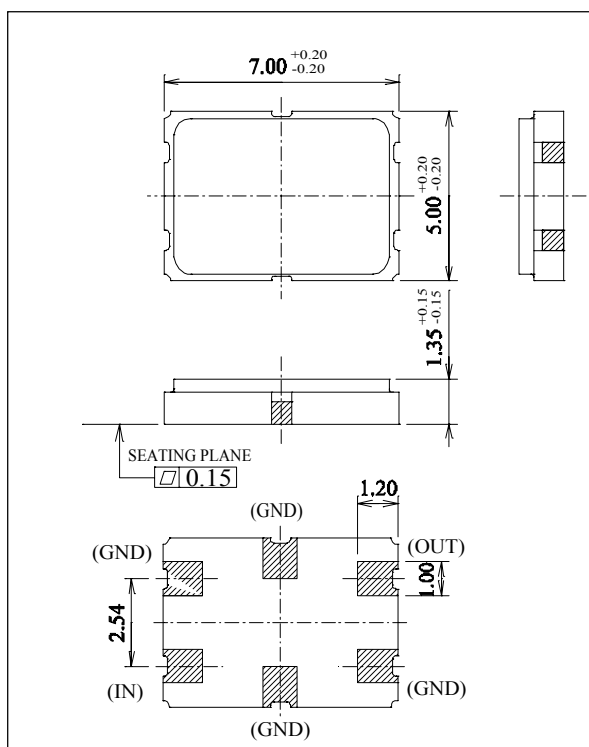
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■ Standard Specifications

Model Name(Number of pole)	MF45R2S(2pole)	MF45UH2(2pole)	MFI44Q(3pole)
Nominal Frequency	45.000 (MHz)	45.000 (MHz)	44.850 (MHz)
Pass Bandwidth	3.0 (dB): ± 7.50 kHz min.	3.0 (dB): ± 15.0 kHz min.	3.0 (dB): ± 6.50 kHz min.
Attenuation Bandwidth	24.0 (dB): ± 50.0 kHz max.	17.0 (dB): ± 48.0 kHz max.	25.0 (dB): ± 25.0 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) @ $f_0 - 900$ kHz	70min. (dB) @ $f_0 - 900$ kHz	78min. (dB) @ $f_0 - 900$ kHz
Terminating Impedance	560(Ω)// 6.0(pF)	1.2k(Ω)// 1.8(pF)	550(Ω)// 3.0(pF)

Products with specific requirements are available upon request.

■ Outline Dimensions



■ Reference Land Pattern

