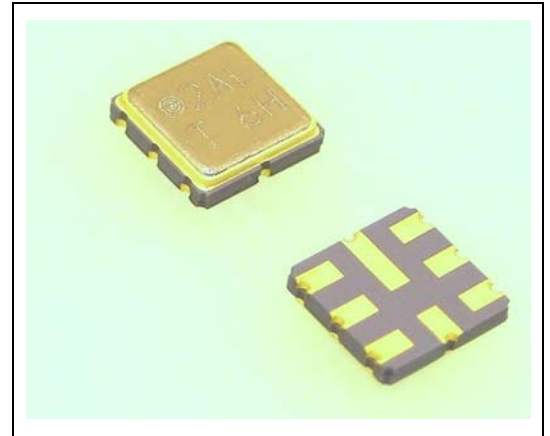


Package : TM3838A

MCF

■Features

Ultra small and thin as 2-Pole or 3-pole SMD filter. Product height 1.0mm using ceramic package .Hermetic sealing by seam welding .Nominal frequency covers a range from 45 to 150MHz. Lead-free product and reflow solderable . RoHS compliant.



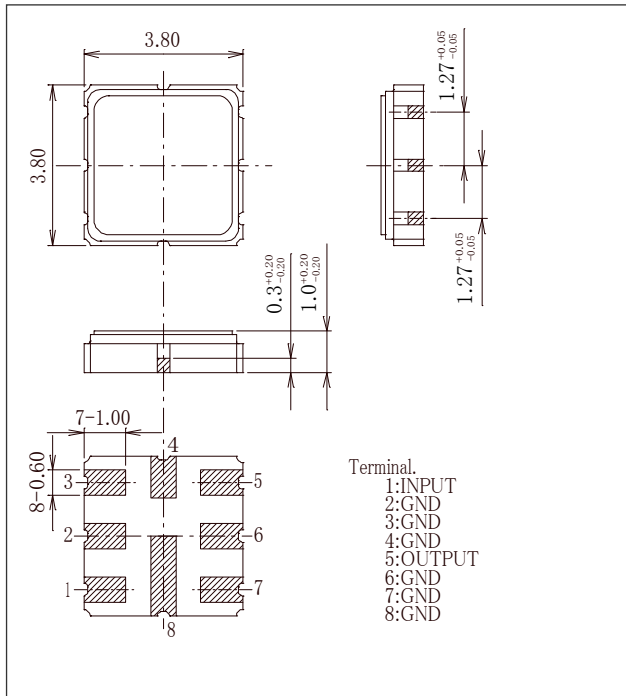
■Applications Base Station , mobile radio application

■Standard Specifications

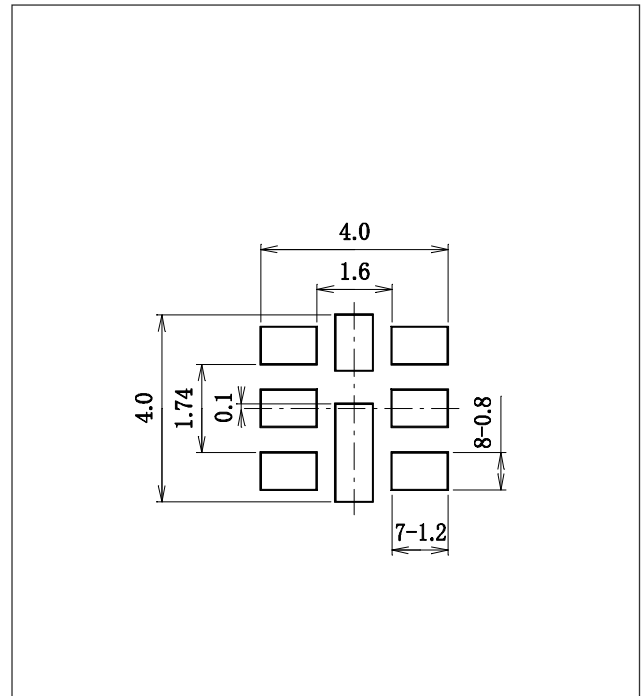
Note : Modified specifications are available upon request for specific applications.

Model Name	MF45R8(2pole)	MFI45S(3pole)
Nominal Frequency	45.000 (MHz)	45.000 (MHz)
Pass Bandwidth	3.0 (dB): $\pm 7.50\text{kHz}$ min.	3.0 (dB): $\pm 10.0\text{kHz}$ min.
Attenuation Bandwidth	13.0 (dB): $\pm 25.0\text{kHz}$ max.	30.0 (dB): $\pm 60.0\text{kHz}$ max.
Pass-band Ripple	0.5 max. (dB)	1.0 max. (dB)
Insertion Attenuation	2.0 max. (dB)	3.5 max. (dB)
Guaranteed Attenuation	60min. (dB) @ $f_0 - 900\text{kHz}$	70min. (dB) @ $f_0 - 900\text{kHz}$
Terminal Impedance	470(Ω)// 6.0(pF)	910(Ω)// 1.5(pF)

■Outline Dimensions



■Reference Land Patterns



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

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