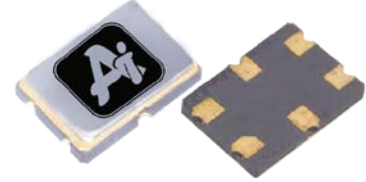




Features

- light weight and miniature SMD crystal filter.
- 2 pole function in a single package.
- Excellent guaranteed attenuation.
- Excellent shock and vibration resistance.
- Automatic mounting, solder reflow capable.
- Applications in mobile, wireless communications, cellular, cordless phones, radio communications.



Electrical Specifications

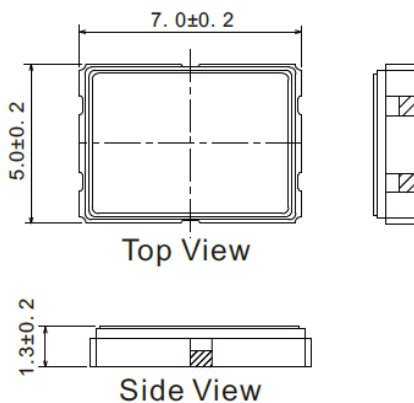
Type	7050 CRYSTAL FILTERS		
Nominal Frequency	21.400MHz	21.700MHz	45.000MHz
Pole	2 Pole	2 Pole	2 Pole
Overtone Order	Fundamental	Fundamental	Fundamental
Pass Bandwidth	±7.5kHz min./3dB	±7.5kHz min./3dB	±15kHz min./3dB
Stop Bandwidth	±25kHz min./18dB	±28kHz min./18dB	±60kHz min./15dB
Ripple	0.5dB max.	1dB max.	1dB max.
Insertion Loss	1.5dB max.	2dB max.	2dB max.
Guaranteed Attenuation	70dB min.	70dB min.	70dB min.
Operating Temperature Range	-20~+70°C		
Packing Unit	1000 pcs. / Reel		

Ordering Information

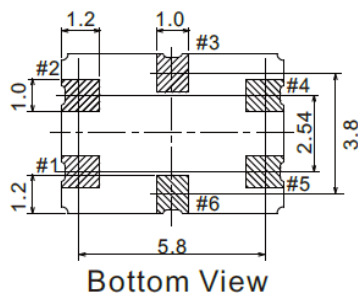
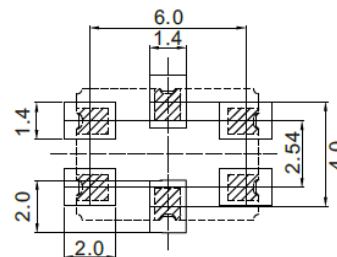
KMF7050	45000M	2
Product Code	Frequency Range 21.400MHz / 21.700MHz 45.000MHz	Pole 2=2Pole

Dimension

Units:mm



**Recommended Land Pattern
Top View**



Pin No.	Connection
#1	INPUT
#2	GND
#3	GND
#4	OUTPUT
#5	GND
#6	GND

Measurement Circuit

