

# SMD Monolithic Crystal Filters

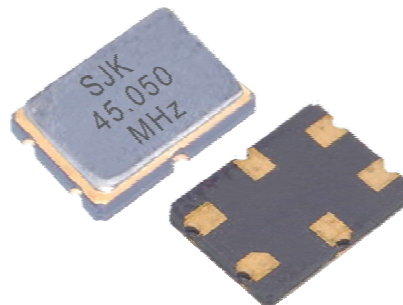


Size: 7.0×5.0×1.3 mm

CF Series 3Pole 7050 SMD MCF

## Features

- 7.0×5.0×1.3mm, light weight and miniature SMD crystal filter.
- 3 pole function in a single package.
- Excellent shock and vibration resistance.
- Automatic mounting, solder reflow capable.
- Applications in mobile, wireless communications, cellular, cordless phones, radio communications.
- RoHS Compliant / Pb-Free.

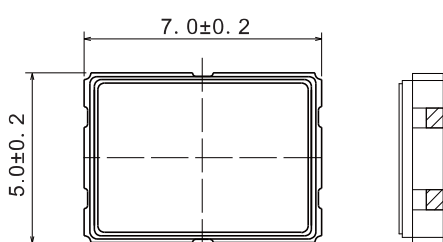


## Electrical Specifications

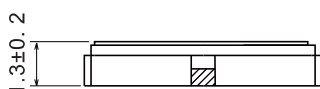
Item /Type	CF (7050 SMD Crystal Filters)
Norminal Frequency	45.000MHz
Pole	3 Pole
Overtone Order	Fundamental
Pass Bandwidth	±15kHz min./3dB
Stop Bandwidth	±50kHz min./20dB
Ripple	1dB max.
Insertion Loss	3dB max.
Guaranteed Attenuation	70dB min.
Operating Temperature Range	-20~+70°C
Size (L×W×H)	7.0×5.0×1.3 mm
Packing Unit	1000 pcs. / Reel

## Dimensions

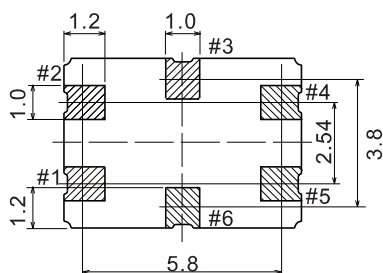
Units:mm



Top View



Slide View

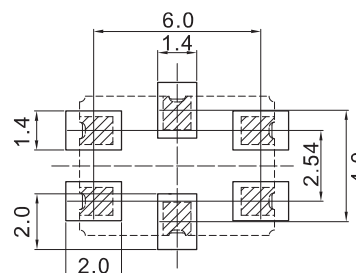


Bottom View

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

## Recommended Land Pattern

### Top View



## Measurement Circuit

