

# SMD 7050 Crystal Oscillators- CMOS



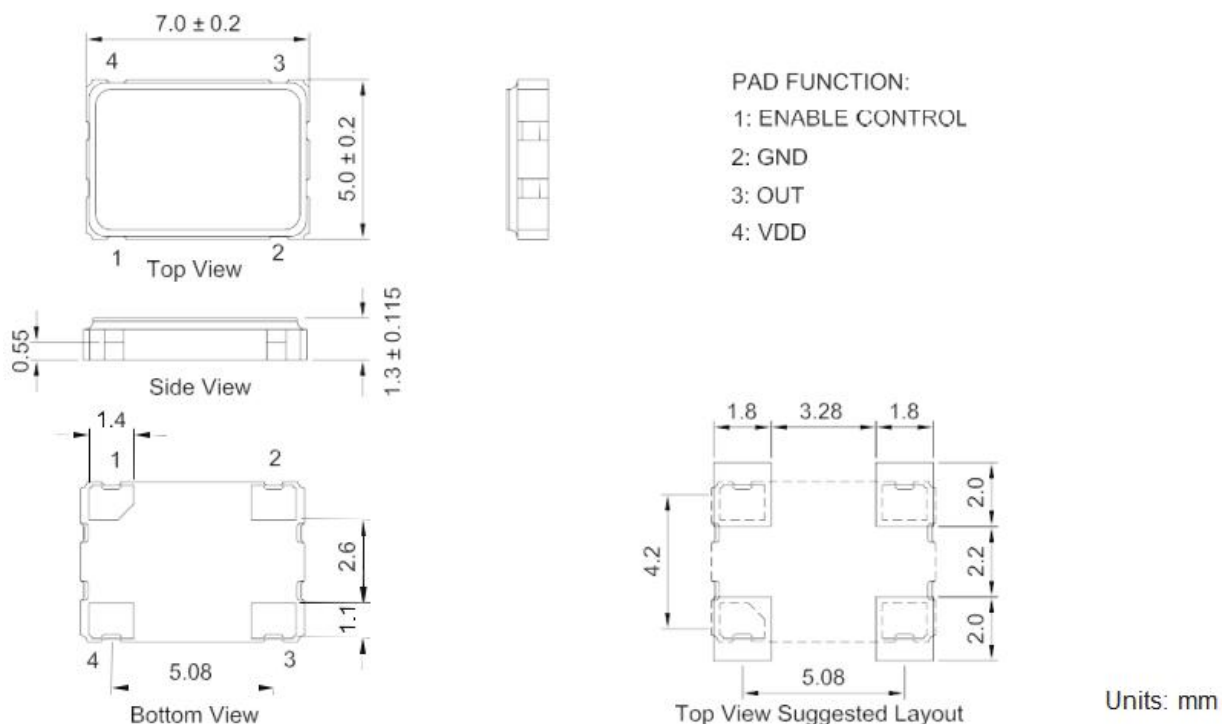
## Features

- External dimensions: 7.0 x 5.0 x 1.3mm;
- Frequency range: 1MHz ~170MHz;
- High precision characteristic covering up to wide frequency range.
- Main application : wireless communication, PC, and LCDM;
- Tri-state function available;
- RoHS Compliant / Pb Free.

## Electrical Specifications

Item / Type	7050
Frequency Range	1 ~ 170 MHz
Output Type	15 pF /15pF~30pF/30pF~50pF
Oscillation Mode	Fundamental / 3rd Overtone
Supply Voltage	1.8V/2.5~3.3V/5V
Frequency stability(overall)	± 25 ppm , ± 50 ppm
Operating Temperature Range	- 10 ~ + 70 °C , - 40 ~ + 85 °C
Storage Temperature Range	- 40 ~ + 125 °C
Voltage Vol ( Max. ) / Voh ( Min. )	0.1 VDD / 0.9 VDD
Supply Current	20 mA Max.
Duty cycle	40 ~ 55 % , 40 ~ 60 %
Aging (at 25 °C)	± 3 ppm / year Max.

## Dimensions



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