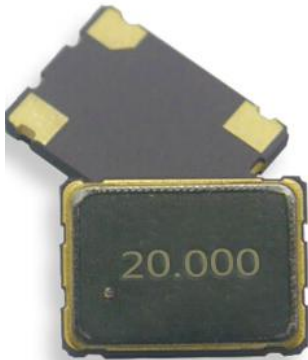


SMD 7050 Crystal Oscillators- CMOS



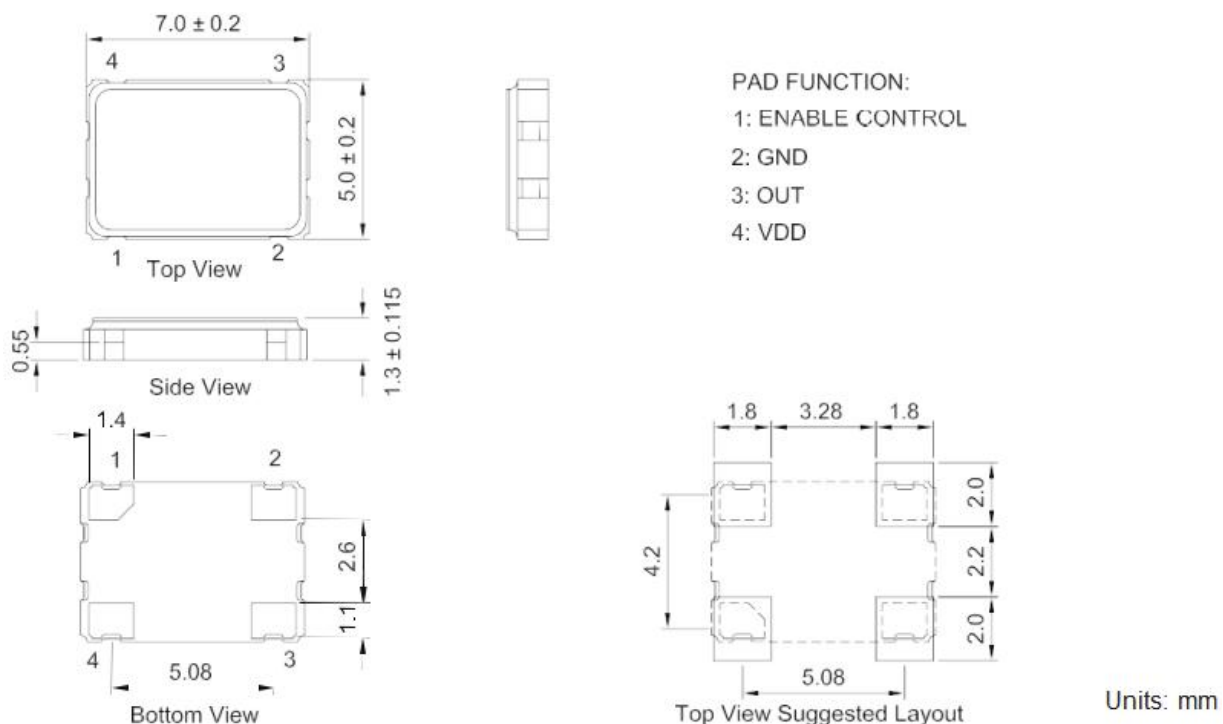
Features

- 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 ℃ , - 40 ~ + 85 ℃ |
| Storage Temperature Range | - 40 ~ + 125 ℃ |
| 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 ℃) | ± 3 ppm / year Max. |

Dimensions



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