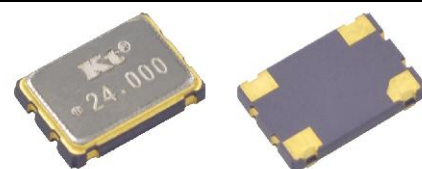


**Kingtronics**®**QKT – OSC7050**  
**SMD OSCILLATOR****FEATURES**

CMOS compatible logic levels : Low power standby mode, Output Tri-state function  
 Pin-compatible with standard 7.0x5.0mm packages: Embossed taping specification  
 High precision characteristic covering up to high frequency range: Reflow soldering  
 Low jitter and tight stability with fundamental or overtone Design  
 Pb-free and RoHS/Green compliant

**PICTURE****SPECIFICATIONS**

Holder Type	7.0x5.0mm SMD OSCILLATOR
Frequency Range	32.768KHz, 1.000 MHz to 150.000 MHz
Frequency Stability	±20ppm to ±50ppm
Supply Voltage	5.0V or 3.3V ±10% ※(See Notes)
Operating Temperature Range	-20°C - +70°C / -40°C - +85°C
Storage Temperature Range	-40°C - +85°C/-55°C - +125°C
Symmetry (Duty Cycle)	40/60 Standard
Output Load	15pF Hcmos
Current Consumption (15pF only)	1.000Mhz - 35.999Mhz=25mA max
(5.0V)	36.000Mhz - 69.999Mhz=60mA max
	70.000Mhz - 150.000Mhz=80mA max
Current Consumption (15pF only)	1.000Mhz - 35.999Mhz=20mA max
( 1.8V 2.5V 2.85V 3.3V)	36.000Mhz - 69.999Mhz=40mA max
	70.000Mhz - 150.000Mhz=60mA max
Rise/Fall Time	5 nS max

※Notes: The supply voltage 1.8V, 2.5V, 2.85V also can be made by customer.

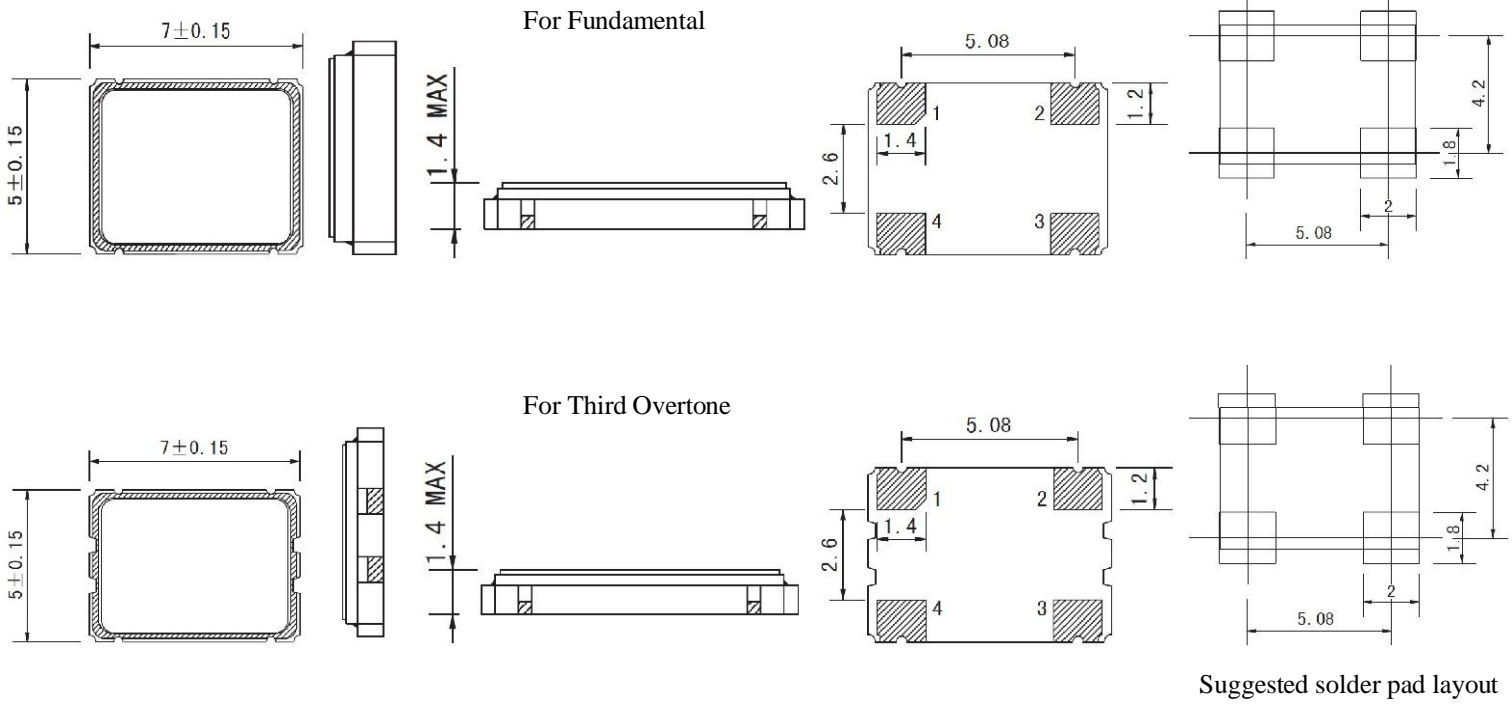
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# Kingtronics®

## QKT – OSC7050 SMD OSCILLATOR

**MECHANICAL DIMENSIONS: Unit: mm**



PIN	FUNCTION
1	N/C or Tri-state
2	Ground
3	Output
4	Vdd

Note: Specification are subject to change without notice.

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