

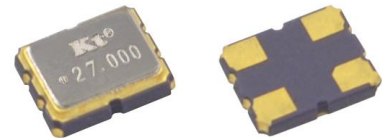
# Kingtronics®

## QKT - OSC3225 SMD OSCILLATOR

### FEATURES

Tight frequency tolerance: Low power standby mode  
 CMOS compatible logic levels: Available on tape & reel, 1000pcs per reel  
 Pin-compatible with standard 3.2x2.5mm packages  
 Pb-free and RoHS/Green Compliant  
 Designed for standard reflow and washing techniques

### PICTURE

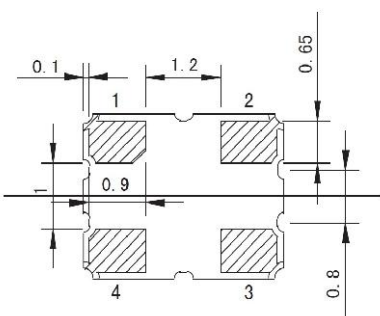
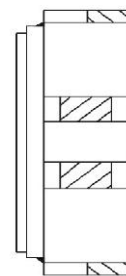
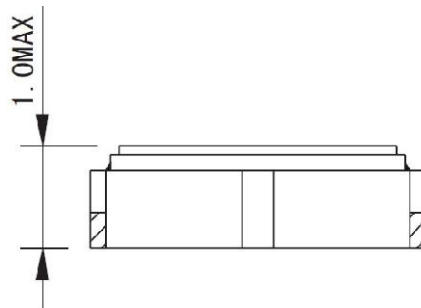
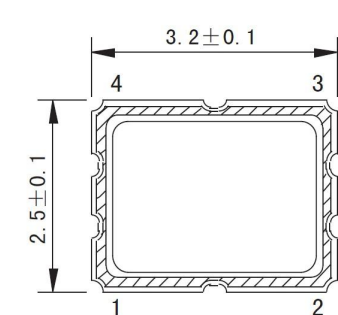


### SPECIFICATIONS

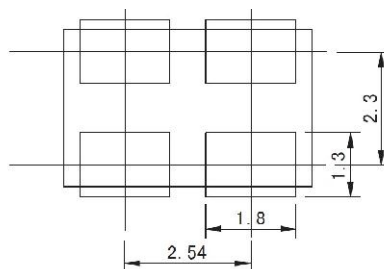
Holder Type	3.2x2.5mm SMD OSCILLATOR
Frequency Range	32.768KHz, 1.000 MHz to 125.000 MHz
Frequency Stability	±20ppm to ±50ppm
Supply Voltage	5.0V or 3.3V ±10%※(See Notes)
Operating Temperature Range	-10°C - +60°C to -40°C - +85°C
Storage Temperature Range	-40°C - +85°C/-55°C - +125°C
Symmetry (Duty Cycle)	40/60 Standard
Output Load	15pF Hcmos or 10 TTL
Current Consumption (15pF only)	1.000Mhz - 49.999Mhz=25mA max
(5.0V)	50.000Mhz - 125.000Mhz=80mA max
Current Consumption (15pF only)	1.000Mhz - 49.999Mhz=20mA max
(1.8V 2.5V 2.85V 3.3V)	50.000Mhz - 125.000Mhz=60mA max
Rise/Fall Time	5 nS max

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

### MECHANICAL DIMENSIONS: Unit: mm



Suggested solder pad layout



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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