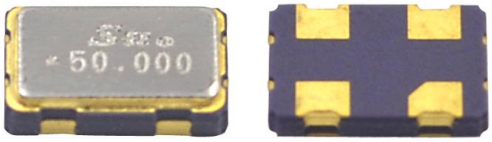
# TSQ-OSC5032

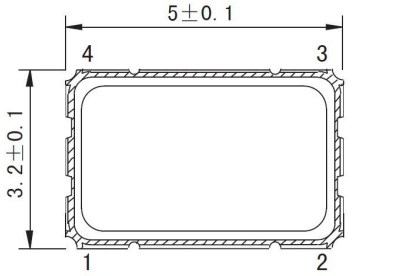
## FEATURES

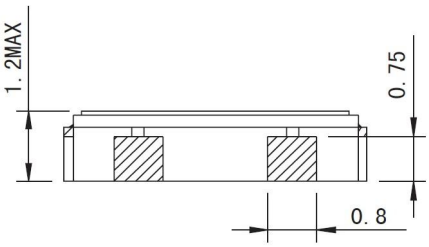
·Tight frequence tolerance.
·Low power standby mode.
·Reflow solder is possible.
·Lower noise and current with reduced power consumption
·Pb-free and RoHS/Green compliant

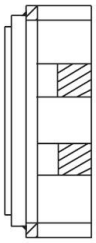


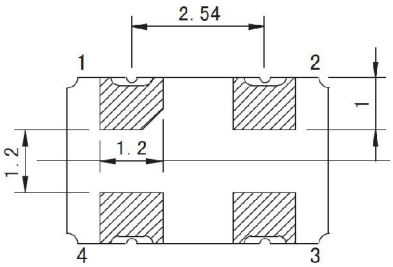

| S P E C I F I C A T I O N S | |
|---|---|
| Holder Type | 5.0x3.2mm SMD OSCILLATOR |
| Frequency Range | 32.768KHz, 1.000 MHz to 125.000 MHz |
| Operating Temperature Range | -10℃ - +60℃ to -40℃ - +85℃ |
| Storage Temperature Range | -40℃ - +85℃/-55℃ - +125℃ |
| Supply Voltage | 5.0V or 3.3V ±10% Std; 1.8V, 2.5V, 2.85V on custom-designed |
| Symmetry（Duty Cycle） | 40/60 Standard |
| Output Load | 10 TTL or 15pF HCMOS |
| Frequency Stability | ± 20ppm to ± 50ppm |
| Current Consumption（15pf only） | 1.000MHz - 35.999MHz=25mA max |
| (5.0V) | 36.000MHz - 69.999MHz=60mA max |
| | 70.000MHz - 100.000MHz=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 - 125.000MHz=60mA max |
| Rise/Fall Time | 5 nS max |

## Mechanical Dimensions： Unit: mm

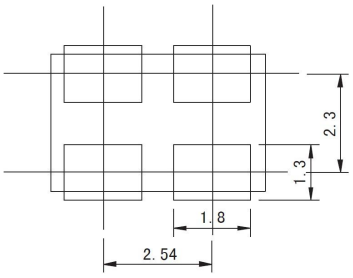





Suggested solder pad layout




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

Note: Specifications are subject to change without notice. For more detail and update, please visit our website