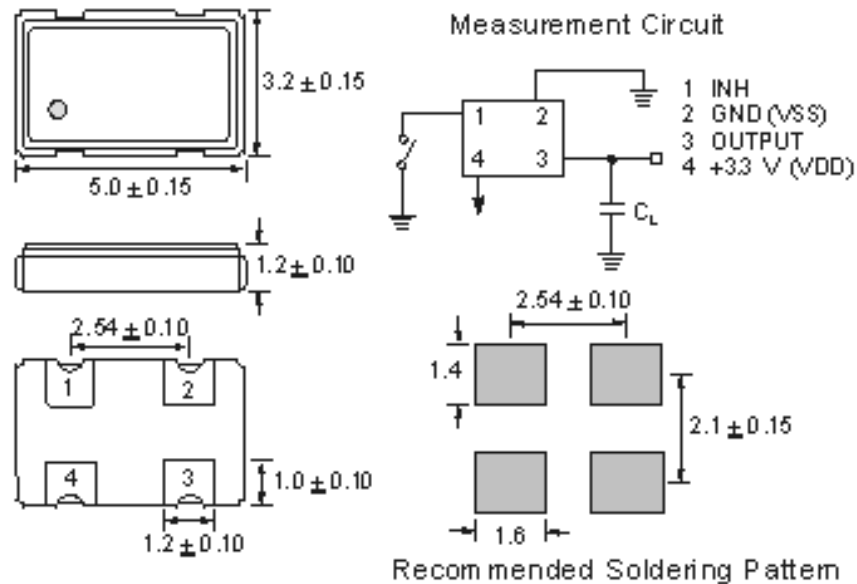


SMD Clock Oscillator CXO5032T3 3.3V HCMOS RoHS Conform

Unit: mm

External Dimensions

**Specifications**

| | | | |
|---|--|--------------------|--------|
| Holder Type | CXO5032T3, Lead Free, RoHS Conform | | |
| Output Frequency | 1.5000 MHz to 125.000 MHz | | |
| Frequency Stability / Temperature Range | ± 20 ppm - 100ppm / -20°C to $+70^\circ\text{C}$ / -40°C to $+85^\circ\text{C}$ (Inclusive of Operating Temp., Supply Voltage, & load) | | |
| Storage Temperature Range | -55°C to $+125^\circ\text{C}$ | | |
| Power Supply Voltage | $+3.3\text{ V} \pm 10\%$ VDC | | |
| Maximum Supply Current (Icc) | 20 mA max.(1.5 to 23.900MHz) 40 mA max.(24.0 to 49.990MHz) 50 mA max.(50.0 to 125.000MHz) | | |
| Symmetry (Duty Cycle) | 40/60% Standart/ 45/55% Available | | |
| Output "0" Level (VoL) | 0.1 Vdc max. (TTL) , 10% Vdd max. (HCMOS) | | |
| Output "1" Level (VoH) | 0.9 Vdc min. (TTL), 90% Vdd max. (HCMOS) | | |
| Rise/Fall Time(10% <->90%Vdd) | 10 ns max. <5 ns typical | | |
| Start Up Time | 10 ms max. <5ms typical | | |
| Output Load | 10 TTL / 15 pF HCMOS | | |
| Enable/Disable Function | PIN #1 | Open | PIN #3 |
| Pin#1 :E/D Control Pin | | $\geq 2.2\text{V}$ | Active |
| Pin#3 :Output Pin | | $\geq 0.8\text{V}$ | High Z |
| Assembly Temperature Range | Peak Temperature $260^\circ\text{C} \pm 5^\circ\text{C}$ for 10 seconds Maximum Temperature 265°C | | |
| Marking | Frequency/ppmCC3/code | | |