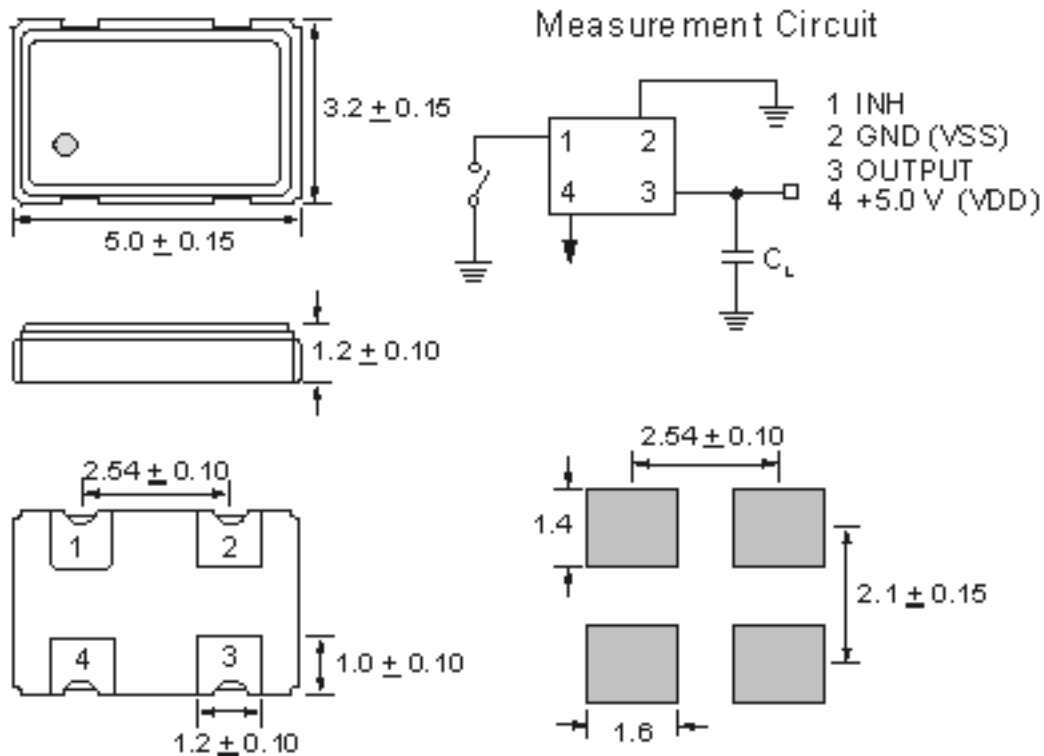


SMD Clock Oscillator CXO5032T5 5.0V HCMOS RoHS Conform

Unit: mm

External Dimensions



Recommended Soldering Pattern

Specifications

Holder Type	CXO5032T5, 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	$+5.0\text{ V} \pm 10\% \text{ VDC}$			
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	Active
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/ppmCC5/code				