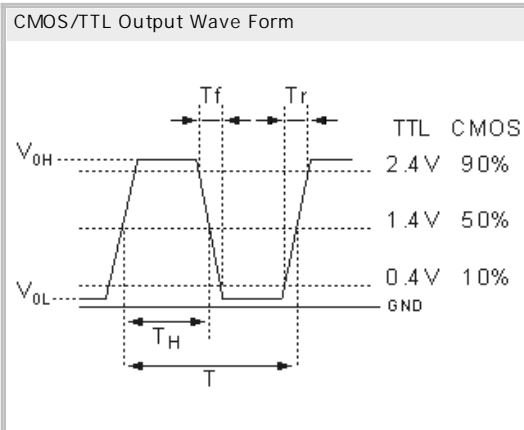
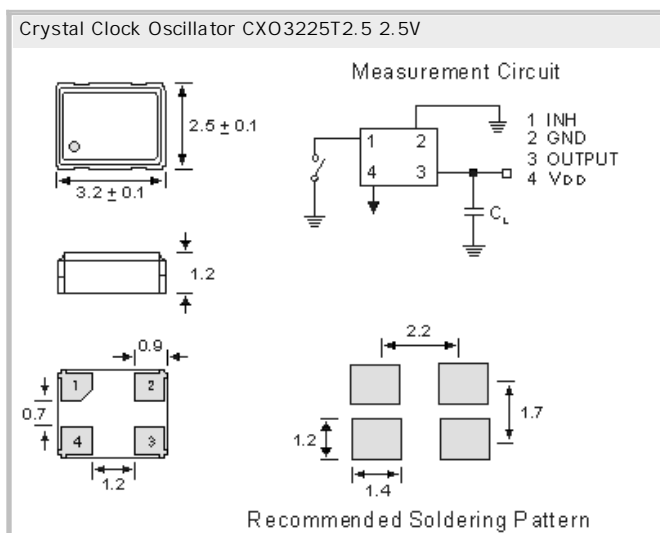


Crystal Clock Oscillator CXO3225T2.5 2.5V,
Low cost

- SMD in ceramic case (3.2 x 2.5 x 1.0) mm
- Tri-State Enable / Disable
- CMOS/TTL Square Wave
- on Tape & Reel (Tape 8mm)
- RoHS conform; Lead-free product
- Vibration: MIL-STD-202F method 204, 35G, 50 to 2000 Hz
- Shock: MIL-STD-202F method 213B, test cond. E, 1000GG 1/2 sine wave
- Available in many standard and special frequencies



Specifications

| | |
|----------------------------------|---|
| Holder Type: | Crystal Clock Oscillator CXO3225T2.5 Tri-State 2.5V (Voltage code is " 2.5 ") |
| Frequency Range: | 25.0kHz ~ 200.0 MHz |
| Frequency Stability at 25°C: | ± 20 to ± 100 ppm |
| Operating Temperature Range: | -20°C to +70°C, -40°C to +85°C (Inclusive Operating Temp., Supply Voltage, & Load) |
| Storage Temperature: | -50°C to +105°C |
| Power Supply Voltage (Vdd): | + 2.5V D.C. ± 5% |
| Maximum Supply Current: | 5mA max. (25kHz ~ 1.5MHz) 8mA max. (1.5MHz ~ 20MHz) 15mA max. (20MHz ~ 50MHz) 25mA max. (50MHz ~ 200MHz) |
| Output Load CL: | 15pF CMOS |
| Output Symmetry (Duty Cycle): | 40/60% (45/55% optional) |
| Output Voltage (VOH) (VOL): | 90% of Vdd min. / 10% of Vdd max. |
| Rise/Fall Time (10% to 90% Vdd): | 7ns max. < 5 ns typical |
| Start Up Time: | 10 ms max. < 5 ms typical |
| Tri-state Function Pin 1: | Pin 1 = H or open.... Output active at pin 3 Pin 1 = L.... high impedance at pin 3 |
| Phase Jitter (12 kHz to 20 MHz): | < 1pS RMS |
| Aging: | < ± 5ppm max. / year (max.) |
| Reflow Condition: | 260°C max. for 10 sec. |

GERMANY:

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