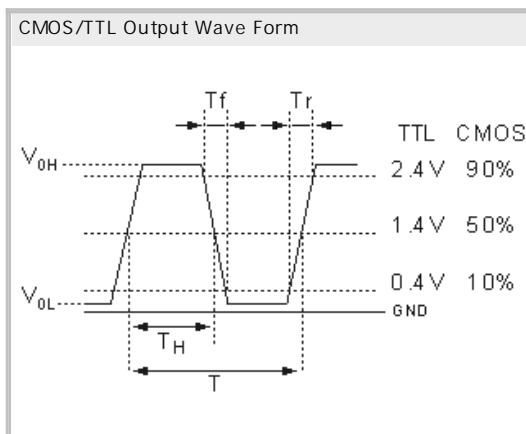
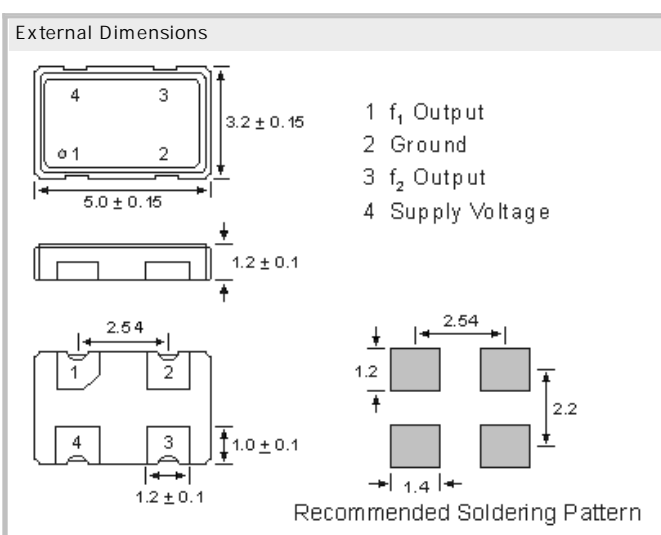


Dual Output Clock Oscillator CXO5032TJ2.5 2.5V, Low cost

- SMD in ceramic case (5.0 x 3.2 x 1.2) mm
- CMOS Square Wave
- on Tape & Reel (Tape 12mm)
- 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, 1000G 1/2 sine wave
- Available in many standard and special frequencies



Specifications

| | |
|---|---|
| Holder Type: | CXO5032TJ2.5 2.5V (Voltage code is "2.5 ") |
| Frequency Range: | 1.0MHz ~ 166.0MHz |
| Frequency Tolerance at 25°C: | ± 5 ppm typical |
| Frequency Stability: | ± 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 (V _{dd}): | + 2.5V D.C. ± 5% |
| Maximum Supply Current: | 4 - 50 mA max. (frequency dependent) |
| Output Load CL: | 15pF CMOS output |
| Output Symmetry (Duty Cycle): | 40/60% (45/55% optional) |
| Output Voltage (V _{OH}) (V _{OL}): | 90% of V _{dd} min. / 10% of V _{dd} max. |
| Rise/Fall Time (10% to 90% V _{dd}): | 2.0 ns max. (15pF) |
| Start Up Time: | 10 ms max. |
| Aging: | < ± 5ppm max. / year (max.) |
| Reflow Condition: | 260°C max. for 10 sec. |

GERMANY:

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