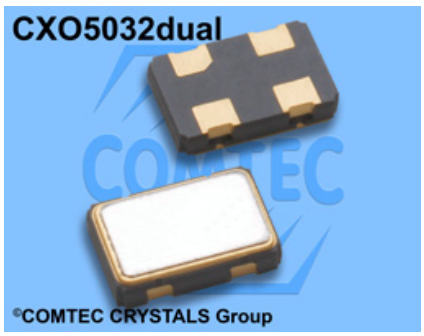
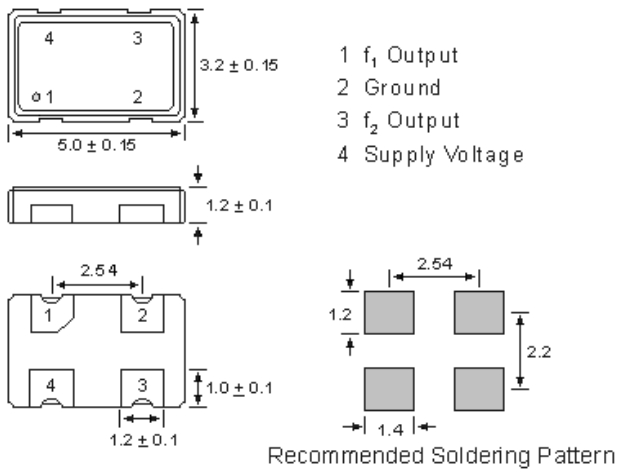


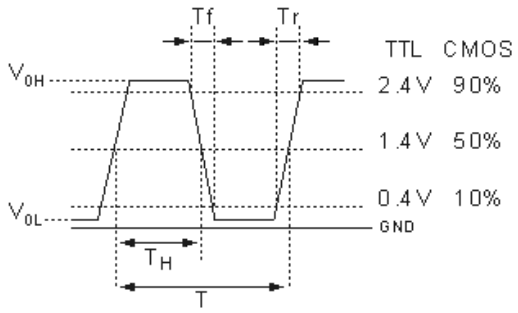
Dual Output Clock Oscillator CXO5032TJ3.3 3.3V, Low cost

- 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, 1000GG 1/2 sine wave
- Available in many standard and special frequencies

External Dimensions



CMOS/TTL Output Wave Form



Specifications

Holder Type:	CXO5032TJ3.3 3.3V (Voltage code is " 3.3 ")
Frequency Range:	1.0MHz ~ 200.0MHz
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 (Vdd):	+ 3.3V 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 (V0H) (V0L):	90% of Vdd min. / 10% of Vdd max.
Rise/Fall Time (10% to 90% Vdd):	2.0 ns max. (15pF)
Start Up Time:	10 ms max.
Aging:	< ±5ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

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