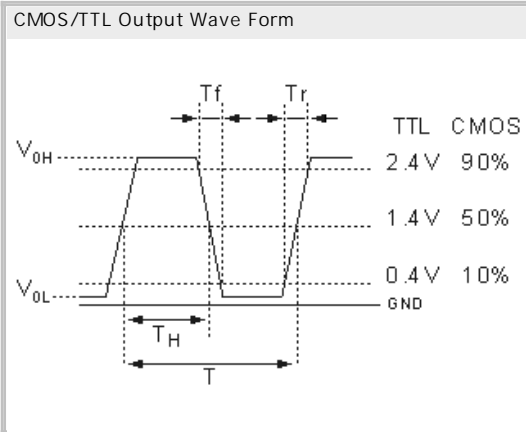
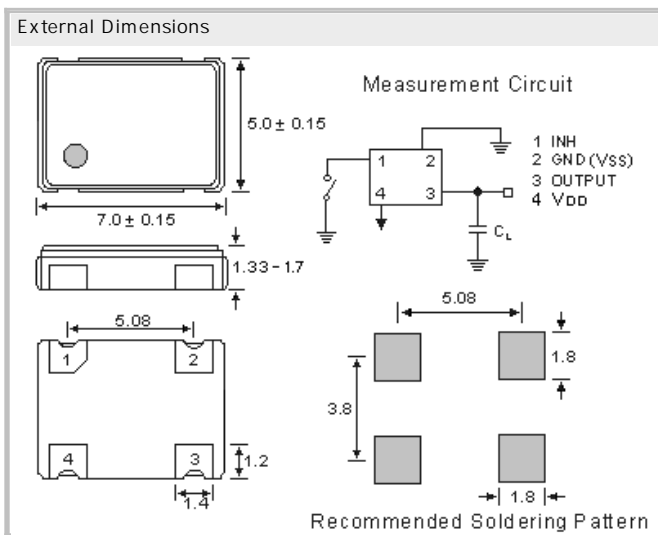


Crystal Clock Oscillator CXO7050T3 3.3V, Low cost

- SMD in ceramic case (7.0 x 5.0 x 1.7) mm
- Tri-State Enable / Disable
- CMOS/TTL Square Wave
- on Tape & Reel (Tape 16mm)
- 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:	CXO7050T3 Tri-State 3.3V (Voltage code is " 3 ")
Frequency Range:	20.0kHz ~ 160.0MHz
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):	+ 3.3V D.C. ± 5%
Maximum Supply Current:	5mA max. (20.00kHz ~ 1.500MHz) 8mA max. (1.50MHz ~ 20.000MHz) 15mA max. (20.0MHz ~ 50.000MHz) 35mA max. (50.00MHz ~ 130.00MHz)
Output Load:	15pF CMOS (30pF and 50pF optional) / 10LS TTL gates max.
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):	10 ns 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
Aging:	< ± 5ppm max. / year (max.)

GERMANY:

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