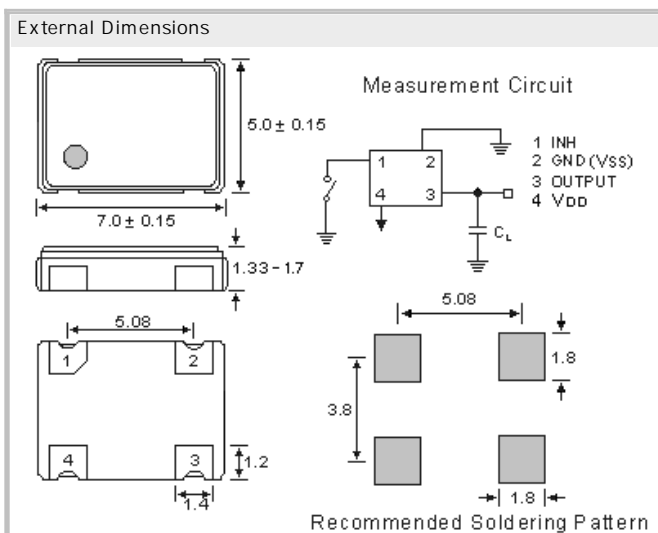
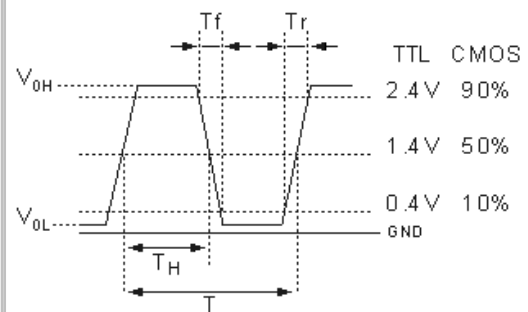


Crystal Clock Oscillator CXO7050TA2.5 2.5V 70µA

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



CMOS/TTL Output Wave Form



## Specifications

Holder Type:	CXO7050TA2.5 Tri-State 2.5V (Voltage code is " 2.5 " )
Frequency:	32.768000 kHz
Frequency Stability at 25°C:	± 50.0 ppm
Operating Temperature Range:	± 50.0 ppm over -40°C to +85°C (inclusive of 25°C tolerance, ± 10% input voltage variation, load change, aging, shock and vibration)
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (V <sub>DD</sub> ):	+ 2.5V D.C. ± 10%
Maximum Supply Current:	70µA typ.
Output Load:	15pF CMOS
Output Symmetry (Duty Cycle):	50% ± 3% typical; 50% ± 5% max. ( measured at 50% V <sub>DD</sub> )
Output Voltage (V <sub>OH</sub> ) (V <sub>OL</sub> ):	90% of V <sub>DD</sub> min. / 10% of V <sub>DD</sub> max.
Rise/Fall Time (10% to 90% V <sub>DD</sub> ):	10 ns max. < 5 ns typical
Start Up Time:	0.8 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:	< ± 3ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

### GERMANY:

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