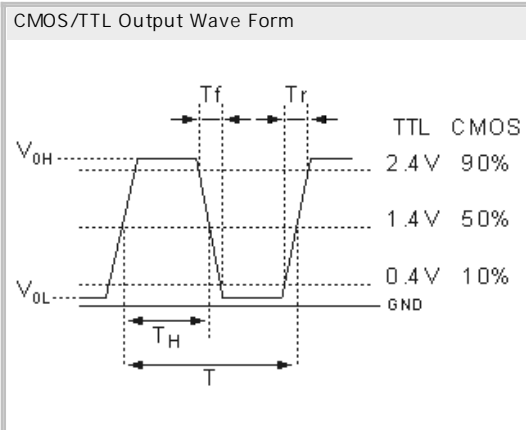
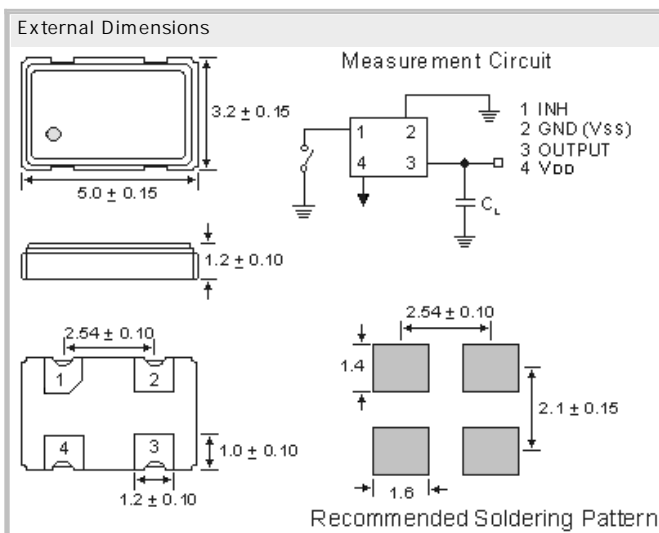


Crystal Clock Oscillator CXO5032TA2.5 2.5V 32µA

- SMD in ceramic case (5.0 x 3.2 x 1.2) mm
- Tri-State Enable / Disable
- CMOS/TTL 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



Specifications

Holder Type:	CXO5032TA2.5 Tri-State 2.5V (Voltage code is " 2.5 ")
Frequency Range:	27.3kHz ~ 100.0kHz
Frequency Stability at 25°C:	± 20 to ± 100 ppm
Operating Temperature Range:	-20°C to +70°C (min. ± 15 ppm), -40°C to +85°C (min. ± 25 ppm) (Inclusive Operating Temp., Supply Voltage, & Load)
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (V_{DD}):	+ 2.5V D.C. $\pm 10\%$
Maximum Supply Current:	32µA typical;
Output Load:	15pF CMOS
Output Symmetry (Duty Cycle):	50% $\pm 3\%$ typical; 50% $\pm 5\%$ max. (measured at 50% V_{DD})
Output Voltage (V_{OH}) (V_{OL}):	90% of V_{DD} min. / 10% of V_{DD} max.
Rise/Fall Time (10% to 90% V_{DD}):	10 ns max. < 5 ns typical
Start Up Time:	1.0 ms max. < 5.0 ms (max.)
Tri-state Function Pin 1:	Pin 1 = H or open... Output active at pin 3 Pin 1 = L... high impedance at pin 3
Aging:	< ± 3 ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

GERMANY:

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