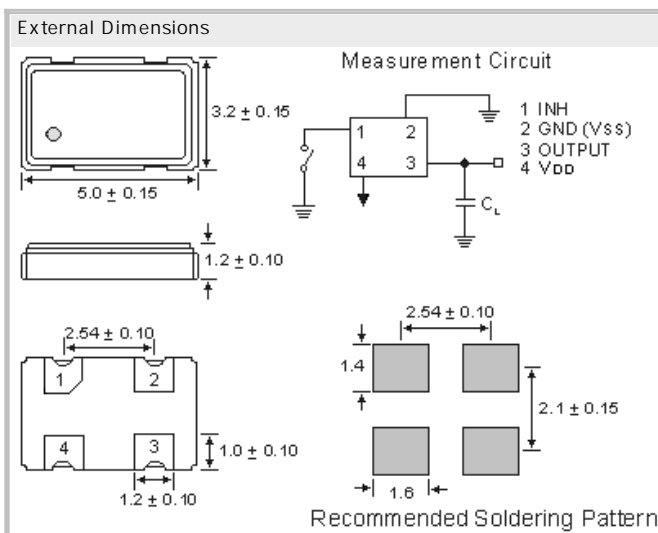
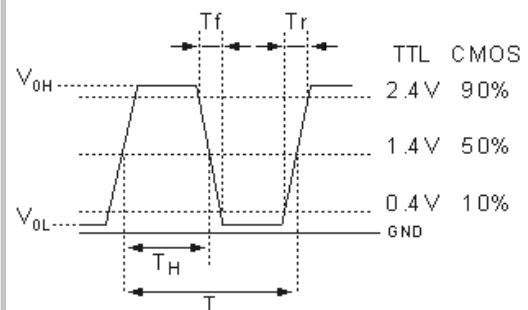


Crystal Clock Oscillator CXO5032TA3.3 3.3V 32μA

- 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



CMOS/TTL Output Wave Form



Specifications - Product No. G000032768ATVUPN00EA

Holder Type:	CXO5032TA3.3 Tri-State 3.3V (Voltage code is " 3.3 ")
Frequency:	32.768000 kHz
Frequency Stability at 25°C:	± 20.0 ppm
Operating Temperature Range:	± 20.0 ppm over -10°C to $+70^\circ\text{C}$ (inclusive of 25°C tolerance, $\pm 10\%$ input voltage variation, load change, aging, shock and vibration)
Storage Temperature:	-55°C to $+125^\circ\text{C}$
Power Supply Voltage (V_{DD}):	+ 3.3V D.C. $\pm 10\%$
Maximum Supply Current:	75μA typ.
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. typical < 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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