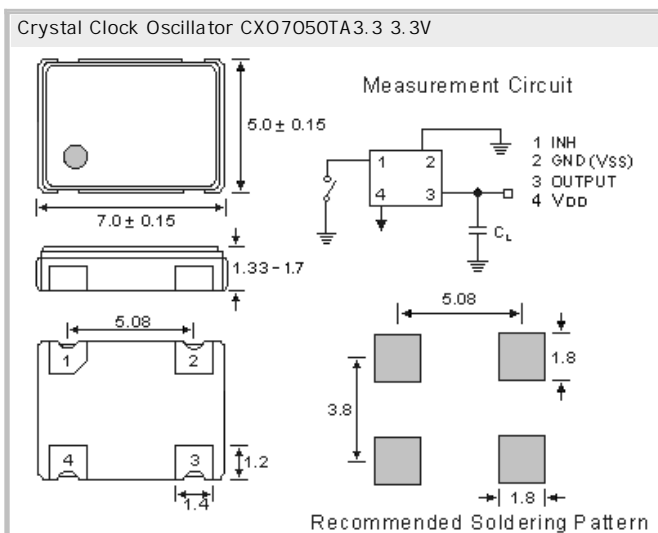
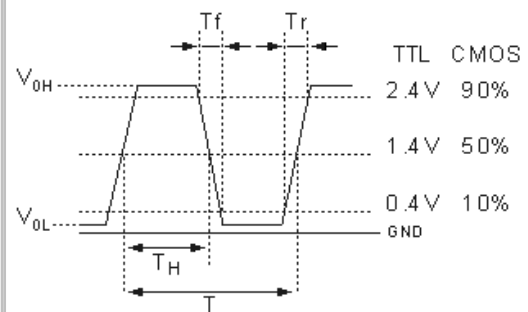


Crystal Clock Oscillator CXO7050TA3.3 3.3V 33µA

- 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 - Product No. G00050000QXSUPN43AA

Holder Type:	Crystal Clock Oscillator CXO7050TA3.3 Tri-State 3.3V (Voltage code is " 3.3 " )
Frequency:	50.000000 kHz
Frequency Stability at 25°C:	± 25.0 ppm
Operating Temperature Range:	± 25.0 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 (Vdd):	+ 3.3V D.C. ± 10%
Maximum Supply Current:	33µA typ.
Output Load:	15pF CMOS
Output Symmetry (Duty Cycle):	50% ± 3% typical; 50% ± 5% max. ( measured at 50% Vdd )
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:	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:	< ± 3ppm max. / year (max.)
Reflow Condition:	260°C max. for 10 sec.

### GERMANY:

COMTEC CRYSTALS GmbH · Sultenstrasse 12-14  
8 5 5 8 6 P o i n g / G E R M A N Y  
Phone +49 8121 778160 · Fax +49 8121 778177  
e-Mail [info@comtec-crystals.com](mailto:info@comtec-crystals.com)  
Internet: <http://www.comtec-crystals.com>  
Subject to change without prior notice.



Technical Data and Graphics are all under  
Copyright (c) of Comtec Crystals Group.

### FRANCE:

COMTEC CRYSTALS SARL · 23, rue du Faucon  
6 7 5 0 0 H a g u e n a u / F R A N C E  
Phone +33 388 732162 · Fax +33 388 730118  
e-Mail [sales@comtec-crystals.com](mailto:sales@comtec-crystals.com)  
Internet: <http://www.comtec-crystals.com>  
Sous réserve de modifications.