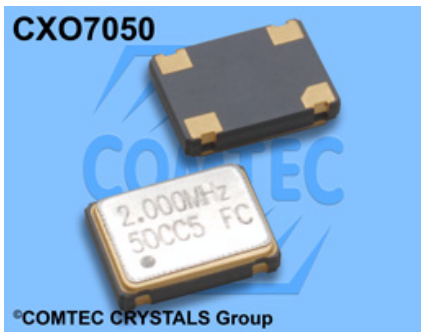
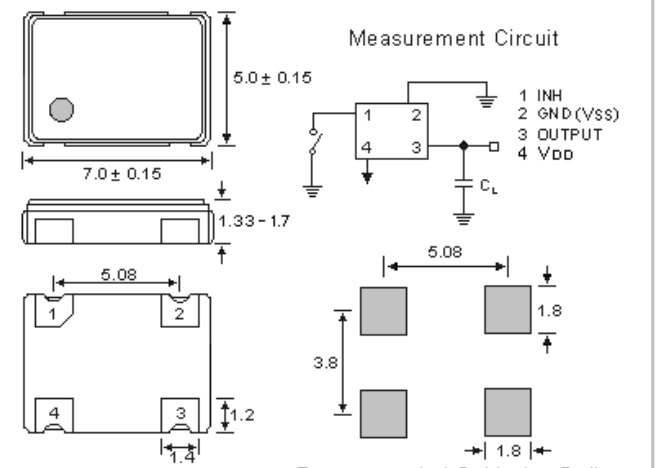


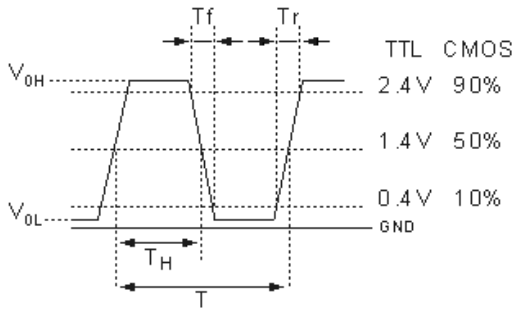
Crystal Clock Oscillator CXO7050TA5.0 5.0V 36µA

- 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

External Dimensions



CMOS/TTL Output Wave Form



Specifications - Product No. G000100000GLCUPN43BA

Holder Type:	CXO7050TA5.0 Tri-State 5.0V (Voltage code is " 5.0 ")
Frequency:	100.000000 kHz
Frequency Stability at 25°C:	± 50.0 ppm
Operating Temperature Range:	± 50.0 ppm; -40°C to +85°C
Storage Temperature:	-55°C to +125°C
Power Supply Voltage (Vdd):	+ 5.0V D.C. ± 10%
Maximum Supply Current:	36µA typ., 1.2µA at 3.3V
Output Load:	15pF CMOS
Output Symmetry (Duty Cycle):	50% ± 3% typical; 50% ± 5% max. (measured at 50% Vdd)
Output Voltage (V0H) (V0L):	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
85586 Poing / GERMANY
Phone +49 8121 778160 · Fax +49 8121 778177
e-Mail info@comtec-crystals.com
Internet: http://www.comtec-crystals.com
Subject to change without prior notice.

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FRANCE:
COMTEC CRYSTALS SARL · 23, rue du Faucon
67500 Haguenau / FRANCE
Phone +33 388 732162 · Fax +33 388 730118
e-Mail sales@comtec-crystals.com
Internet: http://www.comtec-crystals.com
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