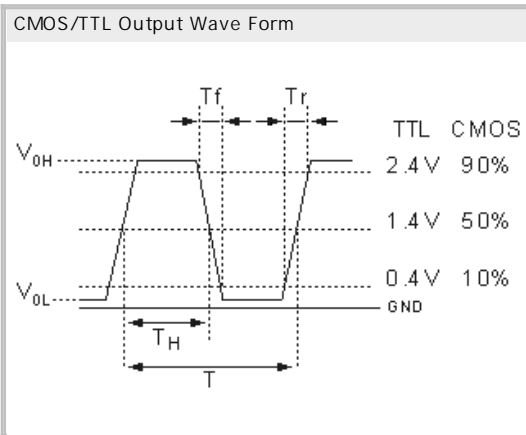
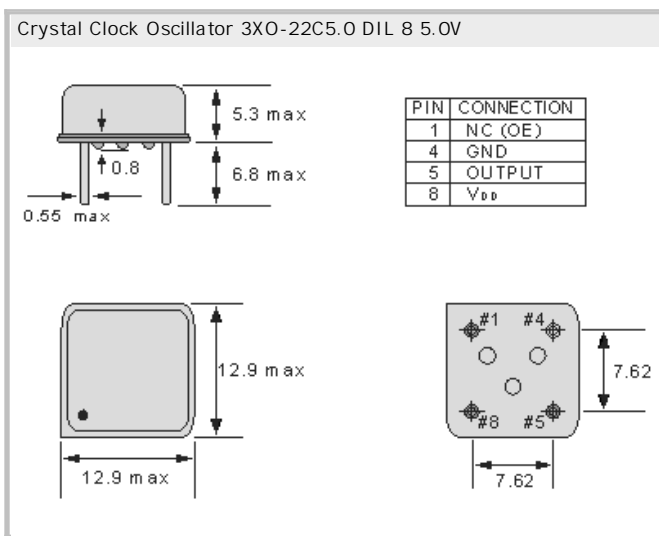


Crystal Clock Oscillator 3XO-22C5.0 DIL 8 5.0V

- micro-processor clocks
- ultra compact metal package
- CMOS/TTL Square Wave
- Available in many standard and special frequencies
- packed in antistatic tubes
- RoHS conform; Lead-free product



Specifications

Holder Type:	Crystal Clock Oscillator 3XO-22C5.0 DIL 8 5.0V
Frequency Range:	25.000 kHz to 200.000 MHz
Frequency Stability at 25°C:	± 20 to ± 100 ppm
Operating Temperature Range:	-20°C to +70°C, -40°C to +85°C (Inclusive Operating Temp., Supply Voltage, & Load)
Storage Temperature:	-50°C to +100°C
Power Supply Voltage (V _{DD}):	+ 5.0V D.C. ± 10%
Maximum Supply Current:	10mA max. (20.000kHz ~ 20.000MHz) 15mA max. (20.001MHz ~ 50.000MHz) 40mA max. (50.001MHz ~ 125.00MHz)
Output Load CL:	2 ~ 10 (LS) TTL gates, 15pF HCMOS (30pF and 50pF optional)
Output Symmetry (Duty Cycle):	40/60% (45/55% optional)
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:	10 ms max. < 5 ms typical
Tri-state (Option):	Pin 1 = H or open.... Output active at pin 3 Pin 1 = L.... high impedance at pin 3
Moisture sensitivity level:	MSL= 1 per IPC/JEDEC J-STD-020 C
Aging:	< ± 5ppm max. / year (max.)

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
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
Internet: <http://www.comtec-crystals.com>
Sous réserve de modifications.