

Research for Frequency Products

Description

This is hermetic sealed metal package Crystal Oscillator, Foot print is fully compatible to IC DIL-8 pin. It has been special designed for Desktop PC, Set-top-box and most electronic applications. All parts are operated with a voltage (DC) you ordered. 40 parts are in a tube.

Features

HCMOS Output square waveform
Stability $\pm 20\text{ppm}$ available
Standard DIL-8 size as 12.7x12.7x5.7mm
Thin package height 5.7mm
Manual insertion on PCB assembly
RoHS Complaint

Standard Parameters

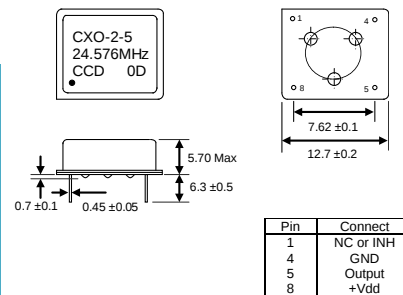
Parameter	Specifications
Frequency Range	1.000MHz ~ 200.000MHz
Tolerance / Stability	$\pm 50\text{ppm}$ / $\pm 50\text{ppm}$
Supply Voltage (Vdd) $\pm 10\%$	+3.3V or +5.0V
Supply Current	
1 ~ ≤ 30 MHz	20 mA Max
30 ~ ≤ 50 MHz	30 mA Max
50 ~ ≤ 133 MHz	35 mA Max
133 ~ ≤ 166 MHz	40 mA Max
166 ~ ≤ 200 MHz	50 mA Max
Output Level High (Logic "1")	90% Vdd
Low (Logic "0")	10% Vdd
Symmetry	45% ~ 55%
Rise/Fall Time	5nS Max
Start Time	5mS Max
Operating Temp. Range	-20~+70°C or specify
Storage Temp. Range	-40 ~ 125 °C
Tri-State (Pin#1 Input)	NC or INH

Crystal Oscillator Hermetic Seal

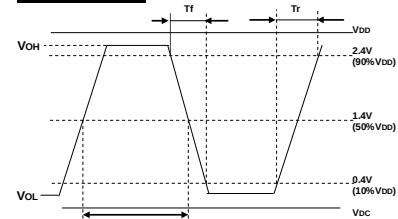
12.7x12.7x5.7mm
1.0MHz ~ 200.000MHz



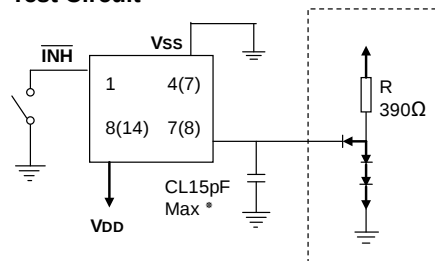
Outlines and Dimensions



Wave Form



Test Circuit



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Subject to change without notice