



PAD	CONNECTION
1	Not connected or Enable/Disable
2	Ground
3	Output
4	Supply

Scale 2:1

## Features

- ▶ **Low power consumption**
- ▶ **HCMOS / TTL compatible output**
- ▶ **Military temperature range available**
- ▶ **Tight tolerance options**
- ▶ **Ceramic / metal package**
- ▶ **High shock resistance**
- ▶ **Enable / disable tristate option**

## Enable / Disable Function

Input (pad 1)	Output (pad 3)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance

## Specifications

Parameters	Product	Option Codes
	CXO	
<b>Frequency range:</b> 614kHz ~ 70.0MHz	■	
<b>Calibration tolerance:</b> ±100ppm ±5 ~ ±10,000ppm	■ □	specify
<b>Temperature stability:</b> ±100ppm ±5 ~ ±100ppm	■ □	specify
<b>Operating temperature range:</b> -10to +70°C -40 to +85°C -55 to +125°C	■ □ □	I M
<b>Storage temperature range:</b> -55 to +125°C	■	
<b>Supply voltage (V<sub>DD</sub>):</b> +5.0V (±10%) +3.0V (±10%)	■ □	L
<b>Supply current:</b> 12mA typ @ 24.0MHz 25mA typ @ 50.0MHz	■ ■	
<b>Driving ability:</b> 15pF HCMOS 2 TTL or 10 LS TTL	■ ■	
<b>Output voltage:</b> '0' level (V <sub>OL</sub> ) = 0.4V max '1' level (V <sub>OH</sub> ) = 90%V <sub>DD</sub> min	■ ■	
<b>Rise / fall times:</b> 3ns typ, 6ns max	■	
<b>Waveform symmetry:</b> 40:60 max	■	
<b>Enable / disable function:</b> None (pad 1 NC) Tristate (control via pad 1)	■ □	T
<b>Shock resistance:</b> 3,000g, 0.3ms, ½ sine	■	
<b>Vibration resistance:</b> 20g rms 10.0 ~ 2,000Hz	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

## Ordering Information

Product name + option codes (if any) + frequency  
eg: **CXO 40.0MHz**

**CXO/MT 40.0MHz**

Option code X (eg CXO/X) denotes a custom specification.