



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

## Features

- ▶ Low power consumption
- ▶ HCMOS / TTL compatible output
- ▶ Military temperature range -55+125°C option
- ▶ 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-M	
Frequency range: 1.250 ~ 70.0MHz	■	
Calibration tolerance: ±100ppm ±5 ~ ±10,000ppm	■ □	specify
Temperature stability: ±100ppm ±5 ~ ±100ppm	■ □	specify
Operating temperature range: -10to +70°C -40 to +85°C -55 to +125°C	■ □ □	I M
Storage temperature range: -55 to +125°C	■	
Supply voltage (V <sub>DD</sub> ): +5.0V (±10%) +3.0V (±10%)	■ □	L
Supply current: 12mA typ @ 24.0MHz 25mA typ @ 50.0MHz	■ ■	
Driving ability: 15pF HCMOS 2 TTL or 10 LS TTL	■ ■	
Output voltage: '0' level (V <sub>OL</sub> ) = 0.4V max '1' level (V <sub>OH</sub> ) = 90%V <sub>DD</sub> min	■ ■	
Rise / fall times: 3ns typ, 6ns max	■	
Waveform symmetry: 40:60 max	■	
Enable / disable function: None (pad 1 NC) Tristate (control via pad 1)	■ □	T
Shock resistance: 3,000g, 0.3ms, ½ sine	■	
Vibration resistance: 20g/10.0 ~ 2,000Hz	■	

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

## Ordering Information

Product name + option codes (if any) + frequency

eg: **CXO-M 40.0MHz**

**CXO-M/IT 40.0MHz**

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