



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	
Frequency range: 614kHz ~ 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_{DD}): +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 _{OL}) = 0.4V max '1' level (V _{OH}) = 90%V _{DD} 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 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.