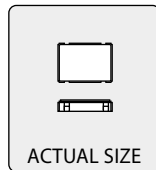
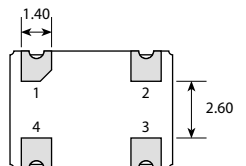
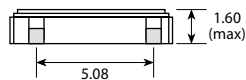
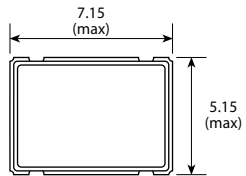


PHOTO NOT AVAILABLE



PAD	CONNECTION
1	Enable/Disable
2	Ground
3	Output
4	Supply

Scale 3:1

## Features

- **Wide frequency range**
- **Factory programmable**
- **Custom frequencies on quick delivery**
- **Enable / disable tristate function**
- **Stand-by power saving function**
- **Miniature SM package**

## Enable / Disable Function

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

## Specifications

**GXO-194L: 3.3V supply, 15pF CMOS**

**GXO-194S: 5.0V supply, 25pF CMOS**

**GXO-194T: 5.0V supply, 5TTL**

Parameters	Variant			Option Codes
	L	S	T	
<b>Frequency range:</b> 1.0 ~ 100MHz 1.0 ~ 125MHz	■	■	■	
<b>Frequency stability:</b> ±100ppm * See note ±50ppm	■	■	■	B
<b>Operating temperature range:</b> -10 to +70°C -40 to +85°C	■	■	■	I
<b>Storage temperature range:</b> -55 to +125°C	■	■	■	
<b>Supply voltage (V<sub>DD</sub>):</b> +3.3V (±0.3V) +5.0V (±0.5V)	■	■	■	
<b>Supply current (max):</b> 25mA 45mA	■	■	■	
<b>Driving ability:</b> 15pF CMOS 25pF CMOS 5TTL	■	■	■	
<b>Logic levels:</b> '0' level = 0.4V max '1' level = V <sub>DD</sub> -0.4V min '1' level = 2.4V min	■	■	■	
<b>Start up time:</b> 10ms max	■	■	■	
<b>Rise / fall times:</b> 4ns max	■	■	■	
<b>Waveform symmetry:</b> 40:60 @ 50%V <sub>DD</sub> 40:60 @ 1.4V	■	■	■	
<b>Output enable / disable time:</b> 100ns / 100ns	■	■	■	
<b>Enable / disable function:</b> Tristate (control via pad 1)	■	■	■	
<b>Stand-by Current:</b> 20µA max 50µA max	■	■	■	
<b>Ageing:</b> ±5ppm max first year	■	■	■	
<b>Shock Resistance:</b> ±20ppm max	■	■	■	

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

## Ordering Information

Product name + variant + option codes (if any) + frequency  
eg: **GXO-194L 80.0MHz** ±100ppm, 3.3V supply, CMOS

**GXO-194S/B 106.250MHz** ±50ppm, 5.0V supply, CMOS

Option code X (eg GXO-194T/X) denotes a custom spec.  
Availability of industrial temperature range (-40 to +85°C)  
depends on frequency.

\* Frequency stability excludes ageing, shock and vibration.