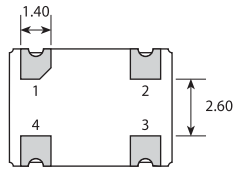
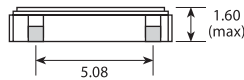
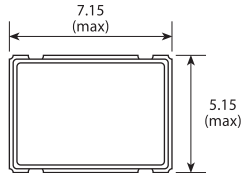




PHOTO NOT AVAILABLE



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

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	
Frequency range: 1.0 ~ 100MHz 1.0 ~ 125MHz	■	■	■	
Frequency stability: ±100ppm * See note ±50ppm	■ □	■ □	■ □	B
Operating temperature range: -10 to +70°C -40 to +85°C	■ □	■ □	■ □	I
Storage temperature range: -55 to +125°C	■	■	■	
Supply voltage (V_{DD}): +3.3V (±0.3V) +5.0V (±0.5V)	■	■	■	
Supply current (max): 25mA 45mA	■	■	■	
Driving ability: 15pF CMOS 25pF CMOS 5TTL	■	■	■	
Logic levels: '0' level = 0.4V max '1' level = V _{DD} -0.4V min '1' level = 2.4V min	■ ■	■ ■	■ ■	
Start up time: 10ms max	■	■	■	
Rise / fall times: 4ns max	■	■	■	
Waveform symmetry: 40:60 @ 50%V _{DD} 40:60 @ 1.4V	■	■	■	
Output enable / disable time: 100ns / 100ns	■	■	■	
Enable / disable function: Tristate (control via pad 1)	■	■	■	
Stand-by Current: 20µA max 50µA max	■	■	■	
Ageing: ±5ppm max first year	■	■	■	
Shock Resistance: ±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.