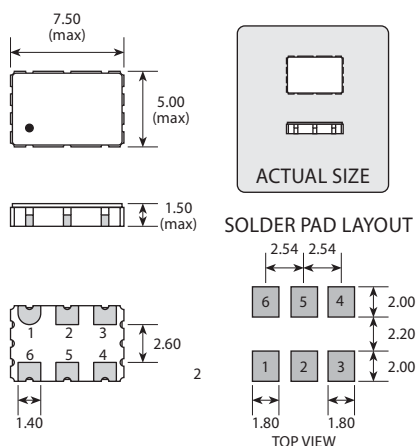
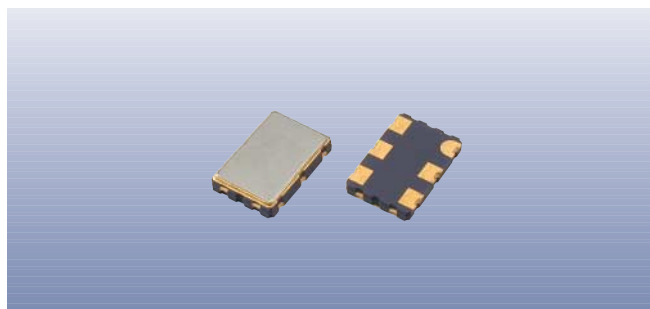




PAD	CONNECTION
1	Enable/Disable
2	Not connected
3	Ground
4	Output 1
5	Output 2
6	Supply

Scale 2:1

Specifications

Parameters	Product GXO-L71	Option Codes
Frequency range: 62.50 ~ 250MHz	■	
Frequency stability*: ±100ppm ±50ppm ±25ppm	■ □ □	B A
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 (±5%)	■	
Supply current: 66mA max	■	
Output: LVDS	■	
Offset voltage: 1.25V typ	■	
Differential output voltage: 0.247V ~ 0.454V (0.33V typ)	■	
Output load: 100Ω	■	
Start up time: 10ms max	■	
Waveform symmetry: 45:55 max @ 50% V_{P-P}	■	
Rise / fall time: 0.7ns max (20 ~ 80% V_{P-P})	■	
Enable / disable function: Tristate (control via pad 1)	■	
Output enable / disable time: 10 ms / 200ns max	■	
Stand-by current: 30μA max	■	

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

* Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change, ageing, shock and vibration.

Features

- ➡ Differential outputs
- ➡ Enable / disable tristate function
- ➡ Power saving function
- ➡ Fast rise / fall times

Standard Frequencies

Frequencies in MHz	
100.0000	125.0000
106.2500	155.5200
108.0000	156.2500

Ordering Information

Product name + option codes (if any) + frequency

eg: **GXO-L71 80.0MHz** ±100ppm -10+70°C**GXO-L71/BI 125.0MHz** ±50ppm -40+85°C

Option code X (eg GXO-L71/X) denotes a custom spec.

Enable / Disable Function

Input (pad 1)	Output 1 (pad 4)	Output 2 (pad 5)
Open '1' level ($\geq 0.7V_{DD}$) '0' level ($\leq 0.3V_{DD}$)	Enabled Enabled High Impedance	Enabled Enabled High Impedance