



Scale 1:1

Features

- ▀▀▀ **Fundamental mode crystal up to 50MHz**
- ▀▀▀ **High frequency CMOS output**
- ▀▀▀ **Low jitter and fast rise / fall times**
- ▀▀▀ **Metal SM package with glass epoxy base**

Specifications

Parameters	Product	Option Codes
	GVXO-36	
Frequency range: 12.0 ~ 80.0MHz	■	
Voltage control (V_{CTL}): +2.5V \pm 2.0V, 10% linearity	■	
Frequency pullability (min): \pm 50ppm \pm 100ppm Other	<input type="checkbox"/> ■ <input type="checkbox"/>	N S specify
Frequency stability*: \pm 50ppm \pm 25ppm Other	■ <input type="checkbox"/> <input type="checkbox"/>	B C specify
Operating temperature range: -10 to +70°C -40 to +85°C	■ <input type="checkbox"/>	I
Storage temperature range: -40 to +85°C	■	
Supply voltage (V_{DD}): +5.0V (\pm 5%)	■	
Supply current: 50mA max	■	
Driving ability: 15pF CMOS	■	
Logic levels: '0' level = 10% V_{DD} max '1' level = 90% V_{DD} min	■ ■	
Waveform symmetry: 40:60 max @ 50% V_{DD}	■	
Start up time: 10ms max	■	
Rise / fall time: 3ns max (20% ~ 80% V_{DD})	■	
Soldering condition: Reflow, 240°C 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 and ageing, with $V_{CTL} = 2.5V$

Ordering Information

Product + option codes + frequency

eg: **GVXO-36/SB 19.440MHz** \pm 100ppm pullability, \pm 50ppm -10+70°C

GVXO-36/NCI 77.760MHz \pm 50ppm pullability, \pm 25ppm -40+85°C

Option codes must be included to specify a model completely.

Option code X (eg GVXO-36/X) denotes a custom spec.

- ◆ Available on T&R - 500pcs per reel. Refer to our website for details.
- ◆ Some combinations of stability/pullability are not available