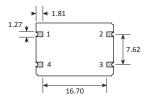
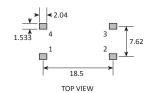


PAD	CONNECTION
1	Control voltage
2	Ground
3	Output
4	Supply





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	Codes
Frequency range: 12.0 ~ 80.0MHz	•	
Voltage control (V _{CTL}): +2.5V ±2.0V, 10% linearity		
Frequency pullability (min): ±50ppm ±100ppm Other		N S specify
Frequency stability*: ±50ppm ±25ppm Other	• 0 0	B C specify
Operating temperature range: -10 to +70°C -40 to +85°C		ı
Storage temperature range: -40 to +85°C	•	
Supply voltage (V _{DD}): +5.0V (±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

Ordering Information

Product + option codes + frequency

eg: GVXO-36/SB 19.440MHz \pm 100ppm pullability, \pm 50ppm -10+70°C $\textbf{GVXO-36/NCI 77.760MHz}~\pm 50 ppm~pullability,~\pm 25 ppm~-40+85 ^{\circ}\text{C}$

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







^{*} Frequency stability is inclusive of calibration @ 25°C, operating temperature range, supply voltage change, load change and ageing, with $\rm V_{CTL}$ = 2.5V