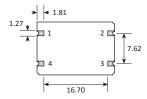
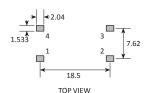


PAD	CONNECTION
1	Control voltage
2	Ground
3	Output
4	Supply





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

	Product	Option
Parameters	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	• • •	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** ±100ppm pullability, ±50ppm -10+70°C **GVXO-36/NCI 77.760MHz** ±50ppm pullability, ±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

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