



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 | □ ■ □ | N S specify |
| Frequency stability*: \pm 50ppm \pm 25ppm Other | ■ □ □ | B C specify |
| Operating temperature range: -10 to +70°C -40 to +85°C | ■ □ | 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