



PIN	CONNECTION
1	Control voltage
7	Ground
8	Output
14	Supply

Scale 1:1

Features

- ▶▶▶▶ **Fundamental mode for improved phase noise**
- ▶▶▶▶ **5.0V supply**
- ▶▶▶▶ **Low cost for volume applications**
- ▶▶▶▶ **Choice of pullability & stability**
- ▶▶▶▶ **Express deliveries for non-standard items**
- ▶▶▶▶ **Industrial temperature range option**

Specifications

Parameters	Product	Option Codes
	GVXO-45F	
Frequency range: 33.0 ~ 50.0MHz	■	
Voltage control: +2.5V ±2.5V, 10% linearity >100kΩ input impedance	■ ■	
Frequency pullability (min): ±80ppm ±150ppm ±200ppm	<input type="checkbox"/> ■ <input type="checkbox"/>	N S W
Frequency stability (max): ±100ppm ±50ppm ±25ppm ±20ppm ±15ppm	<input type="checkbox"/> <input type="checkbox"/> ■ <input type="checkbox"/> <input type="checkbox"/>	A B C D E
Ageing: ±5.0ppm max per year	■	
Operating temperature range: -10 to +70°C -40 to +85°C	■ <input type="checkbox"/>	I
Storage temperature range: -55 to +125°C	■	
Supply voltage (V_{DD}): +5.0V (±5%)	■	
Supply current: 35mA max	■	
Driving ability: 30pF HCMOS 5 LSTTL	■ ■	
Logic levels: '0' level = +0.4V max '1' level = 90%V _{DD} min	■ ■	
Waveform symmetry @ 50%V_{DD}: 40:60 max	■	
Rise / fall time: 6ns max (0.4V ~ 90%V _{DD} min)	■	

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

Ordering Information

Product + option codes + frequency
 eg: **GVXO-45F/SC 49.1520MHz** ±150ppm pullability, ±25ppm stability
 Option codes must be included to specify a model completely.
 Option code X (eg GVXO-45F/X) denotes a custom spec.

♦ ±15ppm and ±20ppm stability may not be available over -40+85°C, depending on frequency. Check with our sales office.