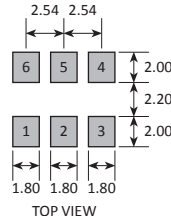


SOLDER PAD LAYOUT



PAD	CONNECTION
1	Control voltage
2	Enable / disable
3	Ground
4	Output
5	Not connected
6	Supply

Features

- ▶ **5.0V supply**
- ▶ **Fundamental mode crystal up to 78.0MHz**
- ▶ **Choice of pullability & stability**
- ▶ **Enable / disable tristate function**
- ▶ **Miniature SM package**

Specifications

Parameters	Product	Option Codes
	GVXO-55F	
Frequency range: 1.0 ~ 78.0MHz	■	
Voltage control: +2.50V ±2.0V, 10% linearity	■	
Frequency pullability (min): ±50ppm ±100ppm Other	□ ■ □	N S specify
Frequency stability: ±100ppm ±50ppm ±25ppm Other	□ ■ □ □	A 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 (±5%)	■	
Supply current: 20mA max (1.0 ~ 18.0MHz) 30mA max (>18.0 ~ 36.0MHz) 40mA max (>36.0 ~ 52.0MHz)	■ ■ ■	
Driving ability: 15pF CMOS 10 N-TTL	■ ■	
Logic levels: '0' level = 10%V _{DD} max '1' level = 90%V _{DD} min	■ ■	
Output current: '0' level = 16.0mA min '1' level = -4.0mA min	■ ■	
Waveform symmetry: 40:60 max	■	
Rise / fall time: 5ns max (20% ~ 80%V _{DD})	■	
Start up time: 10ms max	■	
Enable / disable function: Tristate (control via pad 2)	■	
Enable / disable time: 100ns / 100ns max	■	

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

Enable / Disable Function

Input (pad 2)	Output (pad 4)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance

Ordering Information

Product + option codes + frequency

eg: **GVXO-55F/SB 19.440MHz** ±100ppm pullability, ±50ppm stability

GVXO-55F/NC 34.3680MHz ±50ppm pullability, ±25ppm stability

Option codes must be included to specify a model completely.

Option code X (eg GVXO-55F/X) denotes a custom spec.

- ◆ Available on T&R - 2k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.