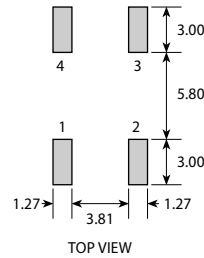


### SOLDER PAD LAYOUT



PAD	CONNECTION
1	Not connected or Enable/Disable
2	Ground
3	Output
4	Supply

Scale 2:1

## Features

- ▄▄▄▄ **Frequencies up to 125MHz**
- ▄▄▄▄ **Plastic moulded package**
- ▄▄▄▄ **Enable / disable tristate option**
- ▄▄▄▄ **Wide temperature range available**

## Standard Frequencies

Frequencies in MHz		
80.00000	100.00000	120.00000
96.00000	106.25000	125.00000
98.30400	108.00000	

Other frequencies available. Please consult our sales office.

## Specifications

**GXO-616H: 5.0V supply, HCMOS output**

**GXO-616L: 3.3V supply, HCMOS output**

Parameters	Variant		Option Codes
	H	L	
<b>Frequency range:</b> 70.0 ~ 125MHz	■	■	
<b>Frequency stability:</b> ±100ppm ±50ppm ±25ppm	■ □ □	■ □ □	B A
<b>Operating temperature range:</b> -10 to +70°C -40 to +85°C	■ □	■ □	I
<b>Storage temperature range:</b> -50 to +125°C	■	■	
<b>Supply voltage (V<sub>DD</sub>):</b> +5.0V (±10%) +3.3V (±10%)	■	■	
<b>Supply current (no load):</b> 40mA	■	■	
<b>Logic levels:</b> '0' level = +0.4V max '1' level = 90%V <sub>DD</sub> min	■ ■	■ ■	
<b>Start up time:</b> 10ms max	■	■	
<b>Waveform symmetry:</b> 40:60 max 45:55 max	■ □	■ □	T
<b>Driving ability:</b> 15pF HCMOS	■	■	
<b>Rise / fall time:</b> 4ns max	■	■	
<b>Enable / disable function:</b> Tristate (control via pad 1) None (pad 1 not connected)	■ □	■ □	N

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

## Enable / Disable Function

Input (pad 1)	Output (pad 3)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance

## Ordering Information

Product name + variant + option codes (if any) + frequency  
eg: **GXO-616L 106.250MHz**

**GXO-616H/BIN 106.250MHz** ±50ppm -40+85°C, No tristate  
Option code X (eg GXO-616H/X) denotes a custom spec.

- ◆ Available on T&R - 500pcs per reel.
- ◆ Refer to our website for T&R and soldering details.