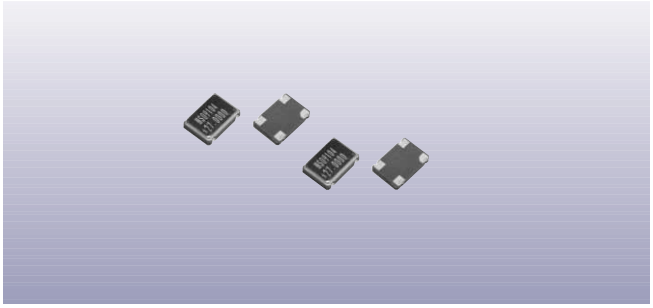
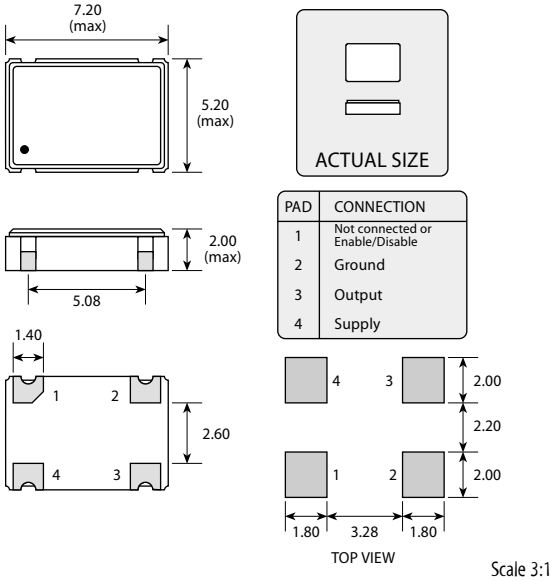
5V SM Oscillator

GXO-7551





Scale 3:1

Features

- **Ceramic package with metal lid**
- **Standard frequencies held in stock**
- **Enable / disable tristate function**
- **Power saving option**
- **Competitive pricing**

Standard Frequencies

Frequencies in MHz		
1.84320	20.00000	40.00000
2.00000	24.00000	44.23680
3.68640	24.57600	48.00000
4.00000	25.00000	50.00000
5.00000	29.49120	60.00000
8.00000	30.00000	64.00000
10.00000	32.00000	66.66600
12.00000	32.76800	70.00000
14.31818	33.86880	80.00000
16.00000	36.86400	

Other frequencies available. Please consult our sales office.

Enable / Disable Function

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

Specifications

Parameters	Product GXO-7551	Option Codes
Frequency range: 0.50 ~ 107MHz	■	
Frequency stability: ±100ppm	■	
±50ppm	□	B
±25ppm	□	A
Operating temperature range:		
-10 to +70°C	■	
-40 to +85°C	□	I
Storage temperature range:		
-55 to +125°C	■	
Supply voltage (V_{DD}):		
+5.0V (±5%)	■	
Supply current (max):		
15mA (0.5 ~ 14.9MHz)	■	
15mA (15.0 ~ 29.9MHz)	■	
25mA (30.0 ~ 39.9MHz)	■	
35mA (40.0 ~ 49.9MHz)	■	
40mA (50.0 ~ 59.9MHz)	■	
40mA (60.0 ~ 69.9MHz)	■	
50mA (70.0 ~ 89.9MHz)	■	
60mA (90.0 ~ 107MHz)	■	
Logic levels: '0' level = 10%V_{DD} max	■	
'1' level = 90%V_{DD} min	■	
Start up time: 10ms max	■	
Waveform symmetry: 45:55 max	■	
40:60 max (>50.0 ~ 107MHz)	■	
Driving ability:		
15pF HCMOS (*see note)	■	
Rise / fall time: 10ns max	■	
6ns max (>40.0MHz)	■	
Enable / disable function:		
None (pad 1 not connected)	□	N
Standard tristate, no power saving (E/D times 100ns / 100ns)	■	
Power-saving, standby current 10µA (E/D times 10ms / 100ns)	□	P

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

* Note: will drive up to 50pF, but figures for rise/fall and supply current may vary from those shown. For details, contact our sales office.

Ordering Information

Product name + option codes (if any) + frequency

eg: **GXO-7551 32.0MHz** 5V, ±100ppm, -10+70°C

GXO-7551/BIP 40.0MHz 5V, ±50ppm, -40+85°C, power-saving

- Available on T&R - 3k pcs per reel.
- Refer to our website for T&R and soldering details.

Tel: **+44 1460 256 100** Fax: **+44 1460 256 101** E-mail: **sales@golledge.com** Web: **www.golledge.com**

Golledge

20 Jan 2001