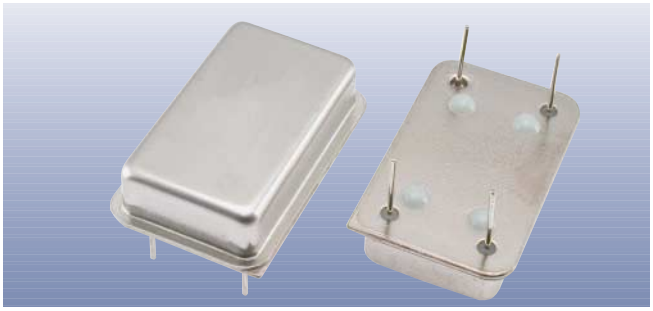
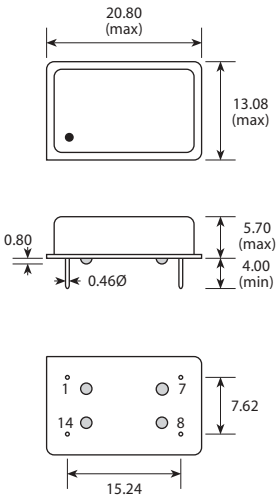
5V VCXO - High Frequency

GVXO-42F





PIN	CONNECTION
1	Control voltage
7	Ground
8	Output
14	Supply

Scale 1:1

Features

- **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 GVXO-42F	Option Codes
Package: 14 pin DIL (full size)	■	
Frequency range: 33.0 ~ 160MHz	■	
Voltage control:		
+2.5V ±2.5V, 10% linearity	■	
> 100kΩ input impedance	■	
Frequency pullability (min):		
±80ppm	□	N
±150ppm	■	S
±200ppm	□	W
Frequency stability: ±100ppm	□	A
±50ppm	□	B
±25ppm	■	C
±20ppm	□	D
±15ppm	□	E
Ageing: ±5.0ppm max per year	■	
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:		
30mA max (33.0 ~ 45.0MHz)	■	
40mA max (>45.0 ~ 125MHz)	■	
50mA max (>125 ~ 160MHz)	■	
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:		
5ns max (0.4V ~ 90%V_{DD} min)	■	

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

Ordering Information

Product + option codes + frequency
eg: **GVXO-42F/SC 49.1520MHz** ±150ppm pullability, ±25ppm stability
Option codes must be included to specify a model completely.
Option code X (eg GVXO-42F/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.

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

Golledge

12 Jul 2001