

GVXO-25

5V High Performance VCXO

- Wide pullability
- Encapsulated crystal for high reliability
- Fundamental mode for improved phase noise
- Choice of pullability & stability combinations
- CMOS / TTL compatible output



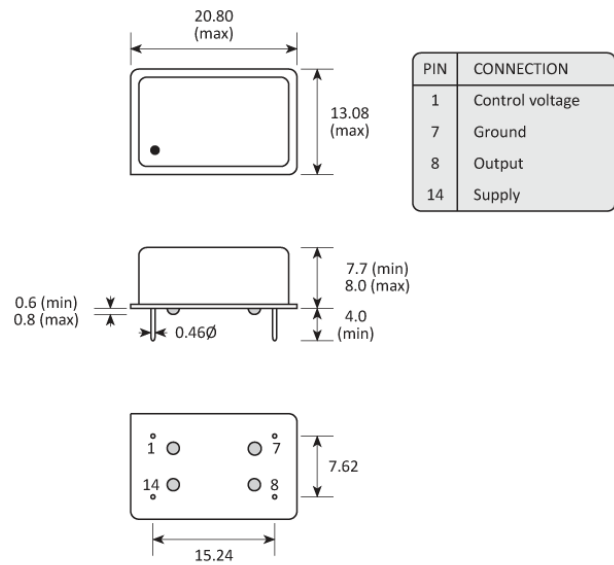
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency pullability	
Any	
±50ppm min	N
±100ppm min	S
±200ppm min	W
Frequency stability	
Any	
±50ppm max	B
±25ppm max	C

SPECIFICATIONS

Frequency range	1.0 ~ 52.0MHz
Dimensions	20.8 x 13.08 x 8.0mm
Control voltage range	+2.5V \pm 2.0V, 10% linearity
Operating temperature range	-10 to +70 °C
Storage temperature range	-30 to +85 °C
Supply voltage (V _{DD})	+5.0V (\pm 5%)
Supply current	15mA max (1.0 ~ 24.0MHz) 20mA max (>24.0 ~ 30.0MHz) 30mA max (>30.0 ~ 52.0MHz)
Driving ability	15pF CMOS 8 LSTTL
Logic levels	'0' level = +0.5V max '1' level = +4.5V min
Output current	'0' level=3.2mA min (<30.0MHz) '0' level=12.8mA min (>30.0MHz) '1' level=0.1mA min (<30.0MHz) '1' level=1.0mA min (>30.0MHz)
Waveform symmetry @ 50%V _{DD}	40:60 max
Rise / fall time	10ns max (<30.0MHz) 5ns max (>30.0MHz)
Start up time	10ms max

PACKAGE DRAWING



Dimensions in mm

ORDERING INFORMATION

To request a quotation for the GVXO-25 please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at sales@golledge.com.

Once we've received your request our expert team will then produce a quotation tailored to meet your needs using the option codes you've selected.

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

HANDLING & STORAGE



Human Body Model (HBM) 1A (250V to <500V)



Moisture Sensitivity Level (MSL): 1 (or not applicable)

COMPLIANCE



Lead-free (< 0.1% by weight)



RoHS compliant with no exemptions. [See our declaration](#)



REACH compliant. [See our statement](#)



Free of conflict minerals. [See our declaration](#)



Free of Halogens. [See our declaration](#)



Free of Ozone-depleting substances. [See our declaration](#)