

# GVXO-42F

## 5V VCXO - High Frequency - 14-pin DIL package



- Low cost for volume applications
- Industrial operating temperature range option
- Choice of pullability & stability options

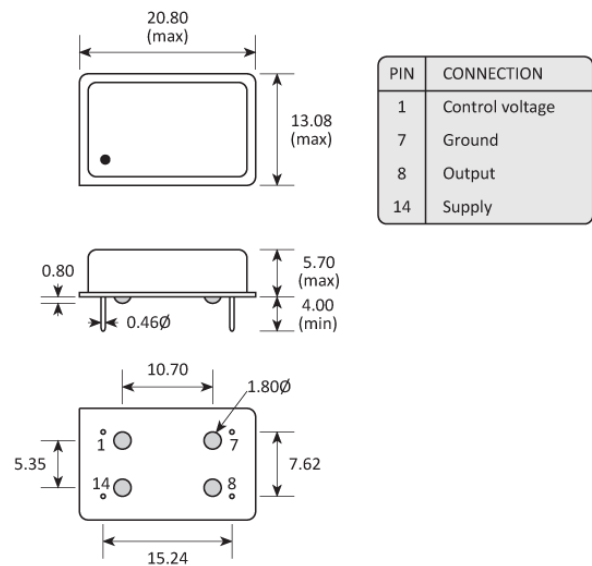
### CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency pullability	
Any	
±80ppm min	N
±150ppm min	S
±200ppm min	W
Frequency stability	
Any	
±100ppm max	A
±50ppm max	B
±25ppm max	C
±20ppm max	D
±15ppm max	E
Operating temperature range	
Any	
-10 to +70 °C	
-40 to +85 °C	I

## SPECIFICATIONS

Frequency range	33.0 ~ 160MHz
Dimensions	20.80 x 13.08 x 5.70mm
Package	14 pin DIL (full size)
Voltage control	+2.5V $\pm$ 2.5V, 10% linearity > 100k $\Omega$ input impedance
Ageing	$\pm$ 5.0ppm max per year
Storage temperature range	-55 to +125 °C
Supply voltage (V <sub>DD</sub> )	+5.0V ( $\pm$ 5%)
Supply current	30mA max (33.0 ~ 45.0MHz) 40mA max (>45.0 ~ 125MHz) 50mA max (>125 ~ 160MHz)
Driving ability	30pF CMOS 5 LSTTL
Logic levels	'0' level = +0.4V max '1' level = 90%V <sub>DD</sub> min
Waveform symmetry @ 50%V <sub>DD</sub>	40:60 max
Rise / fall time	5ns max (0.4V ~ 90%V <sub>DD</sub> min)

## PACKAGE DRAWING



PIN	CONNECTION
1	Control voltage
7	Ground
8	Output
14	Supply

Dimensions in mm

## ORDERING INFORMATION

To request a quotation for the GVXO-42F 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 (0)1460 256 100 or at [sales@golledge.com](mailto: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)

## CONSTRUCTION

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Resistance weld

## MATERIAL COMPOSITION

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Lead-free (< 0.1% by weight )



RoHS 2 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](#)

## OTHER INFORMATION

### About Golledge

We are the UK's leading supplier of frequency control products and are proud to serve the global electronics industry. Our philosophy is a focus firmly on your requirements by striving to meet and exceed your needs. We do this by ensuring the utmost quality and consistency in our products and services. If you have any queries about the Golledge service or any of our products please get in touch, we'd love to hear from you.

### Come and visit

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Our customer feedback is testament to our quality; "Never had such good service as this from anyone in 35 years of being in the industry, this is impressive and has really helped us out of a corner to keep the design flowing" Andy (Senior Design Engineer), "As always your support is state of the art" Nicoleta (Material Management), "Legendary work - as usual it has to be said" John (Operations).

To take advantage of our highly praised service get in touch with us today.