

# GVXO-42F

## 5V VCXO - High Frequency

- Low cost for volume applications
- Choice of pullability & stability
- Express deliveries for non-standard items
- Industrial temperature range option



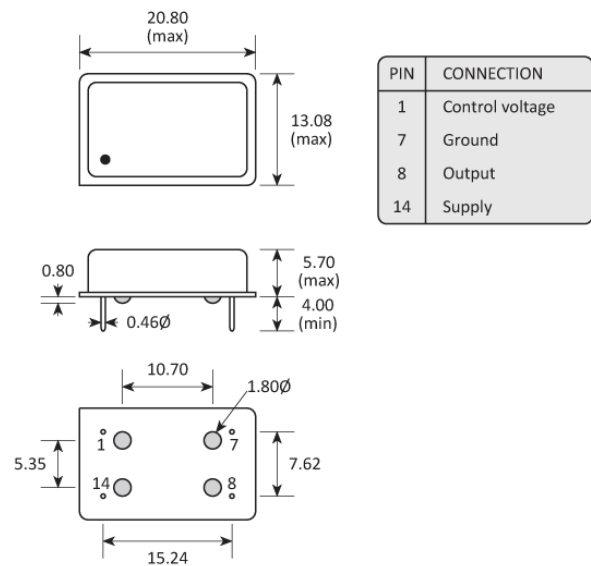
### CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency pullability (min)	
Any	
±80ppm	N
±150ppm	S
±200ppm	W
Frequency stability	
Any	
±100ppm	A
±50ppm	B
±25ppm	C
±20ppm	D
±15ppm	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 5.7mm
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 HCMOS 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



## 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

## CONSTRUCTION

Resistance weld

## MATERIAL COMPOSITION



Product is RoHS 2 compliant



REACH Compliance Statement



text and link to Conflict Minerals pdf statement



Text and link to Halogen Free pdf statement



Text and link to Ozone depletion statement pdf

## OTHER INFORMATION

### About Golledge

The UK's leading suppliers of Frequency Control Products, we have been growing since 1990. This growth has been achieved through maintaining our focus firmly on our customers' requirements and by striving always to meet and exceed them. Our philosophy has always been based on quality and consistency of products and service.

#### Come and visit

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#### Give us a call

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### Our Worldwide Distributors



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