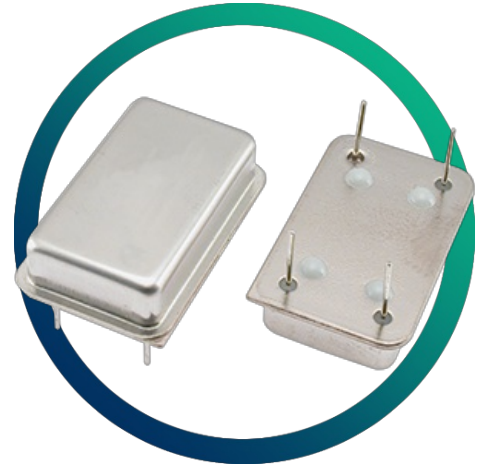


GVXO-42F

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



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

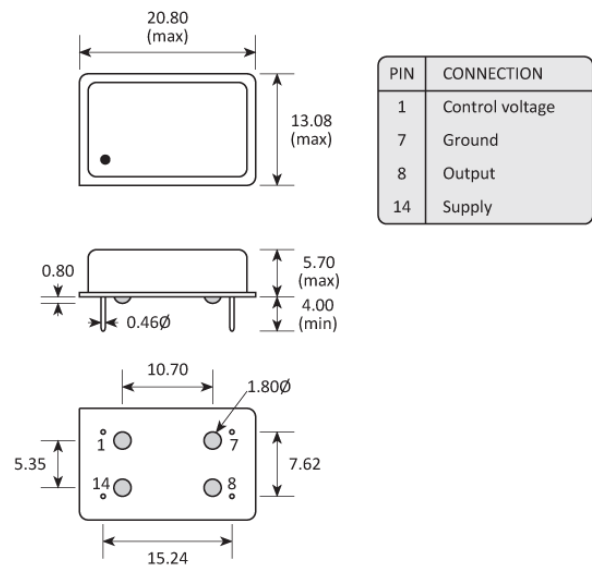
CONFIGURABLE OPTIONS

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 Ω input impedance
Ageing	\pm 5.0ppm max per year
Storage temperature range	-55 to +125 °C
Supply voltage (V _{DD})	+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 _{DD} min
Waveform symmetry @ 50%V _{DD}	40:60 max
Rise / fall time	5ns max (0.4V ~ 90%V _{DD} 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.

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


Resistance weld


COMPLIANCE


Please refer to our **DOCUMENTS** section for more information.


 Lead-free (< 0.1% by weight)

 RoHS compliant with no exemptions.

 REACH compliant.

 Free of conflict minerals.

 Free from halogens.

 Free from ozone-depleting substances.