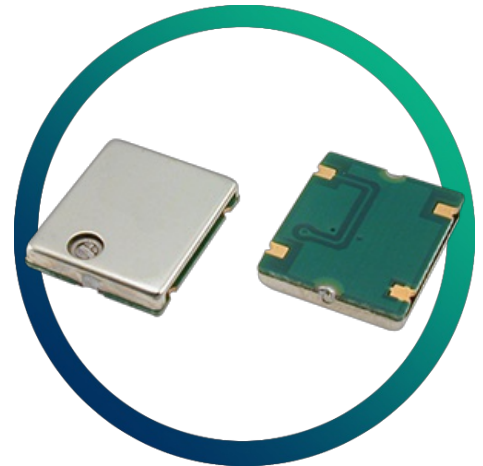


GTXO-560V

3V & 5V SM (VC)TCXO Clipped Sine

- Fixed-frequency and voltage-controlled variants
- Low power consumption
- Stabilities down to $\pm 1.0\text{ppm}$
- Industrial temperature range option
- 3.0V, 3.3V or 5.0V supply voltage



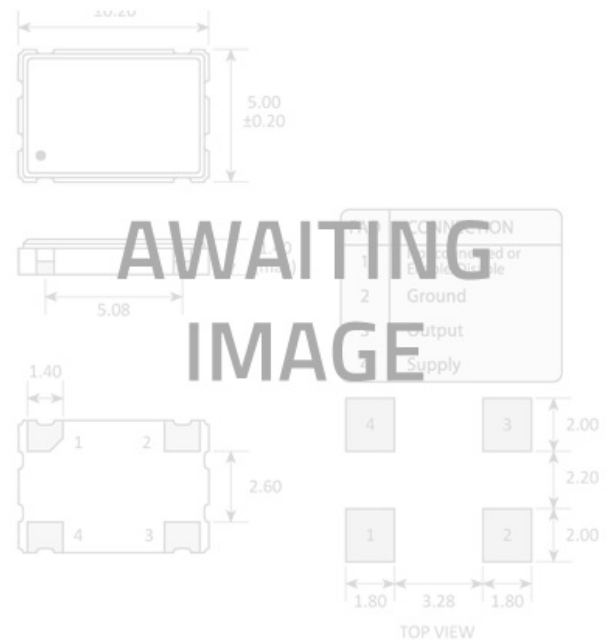
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency stability	
Any	
$\pm 2.5\text{ppm}$ over -40 to $+85^{\circ}\text{C}$	K
$\pm 2.5\text{ppm}$ over -30 to $+75^{\circ}\text{C}$	
$\pm 2.0\text{ppm}$ over -30 to $+75^{\circ}\text{C}$	H
$\pm 1.5\text{ppm}$ over -20 to $+70^{\circ}\text{C}$	G
$\pm 1.0\text{ppm}$ over -20 to $+70^{\circ}\text{C}$	F
Supply voltage (V_{DD})	
Any	
+3.0V ($\pm 5\%$)	
+3.3V ($\pm 5\%$)	M
+5.0V ($\pm 5\%$)	P

SPECIFICATIONS

Frequency range	9.00 ~ 50.0MHz
Dimensions	11.4 x 9.6 x 2.0mm
Package style	4 pads, with trimmer access
Storage temperature range	-40 to +85°C
Frequency vs supply voltage	±0.3ppm (<22.0MHz) ±0.5ppm (<28.0MHz) ±1.0ppm (<50.0MHz)
Frequency vs load change	±0.3ppm (10kΩ±10%/10pF±10%)
Ageing (1st yr)	±1.0ppm (<22.0MHz) ±1.5ppm (<28.0MHz) ±2.0ppm (<50.0MHz)
Supply current	2.0mA max (<22.0MHz) 3.0mA max (<28.0MHz) 4.0mA max (<50.0MHz)
Output waveform	Clipped sine, 0.8V p-p typ
Test load	10kΩ // 10pF
Frequency adjustment	±3ppm min by internal trimmer ±5.0 ~ ±10.0ppm
Control voltage range	+1.5V ±1.0V (3.0V supply) +1.65V ±1.35V (3.3V supply) +2.5V ±2.0V (5.0V supply)
Preset frequency	±0.5ppm / +25°C ±2°C

PACKAGE DRAWING



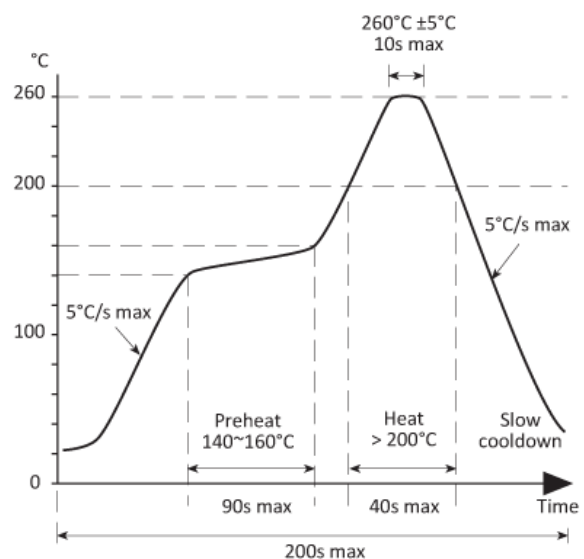
ORDERING INFORMATION

To request a quotation for the GTXO-560V 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.

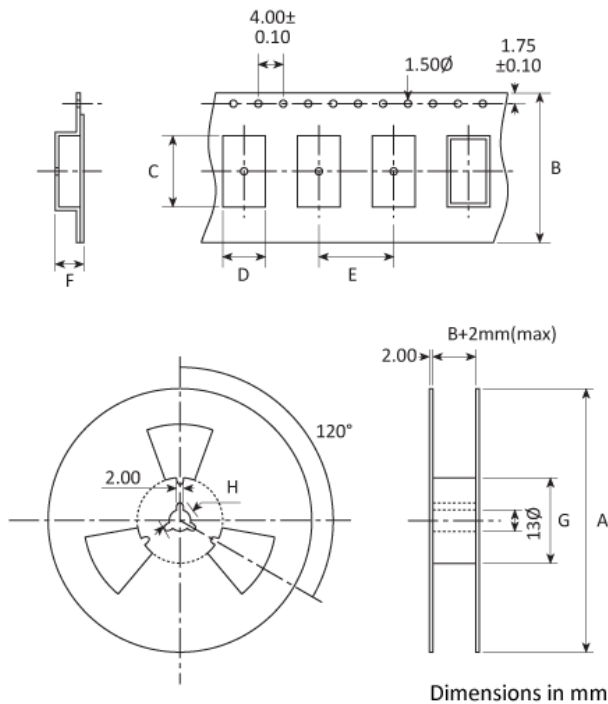
Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

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

SOLDERING PROFILE



TAPE & REEL SPECIFICATION



A:330 B:24 C:14 D:11 E:12 F:2.7 G:80 H:21

CONSTRUCTION

PCB base with metal lid

COMPOSITION

MCDFamily GTXO-560.pdf

HANDLING & STORAGE



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



Moisture Sensitivity Level (MSL): 1

MATERIAL COMPOSITION



Product is RoHS 2 compliant

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.

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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.