# **GTXO-560T**

## 3V & 5V SM TCXO with Clipped Sine **Output and Internal Trimmer**

- Internal Trimmer
- Low power consumption
- Stabilities down to ±1.0ppm
- Industrial temperature range option
- 3.0V, 3.3V or 5.0V supply voltage

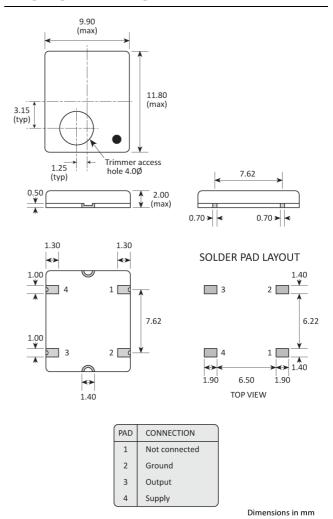


CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Frequency stability	
Any	
±2.5ppm over -40 to +85°C	К
±2.5ppm over -30 to +75°C	
±2.0ppm over -30 to +75°C	Н
±1.5ppm over -20 to +70°C	G
±1.0ppm over -20 to +70°C	F
Supply voltage (V <sub>DD</sub> )	
Any	
+3.0V (±5%)	
+3.3V (±5%)	M
+5.0V (±5%)	Р

#### **SPECIFICATIONS**

Frequency range	9.60 ~ 50.0MHz
Dimensions	11.8 x 9.9 x 2.0mm
Package style	4 pads, with trimmer access
Storage temperature	-40 to +85°C
range	
Frequency vs supply	±0.3ppm (<22.0MHz)
voltage	±0.5ppm (<28.0MHz)
	±1.0ppm (<50.0MHz)
Frequency vs load	$\pm 0.3$ ppm (10k $\Omega \pm 10\%$ //10pF $\pm 10\%$ )
change	
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	±3ppm min by internal trimmer
adjustment	
Preset frequency	±0.5ppm / +25°C ±2°C
Net mass	453mg

#### **PACKAGE DRAWING**



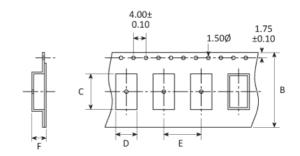
#### **ORDERING INFORMATION**

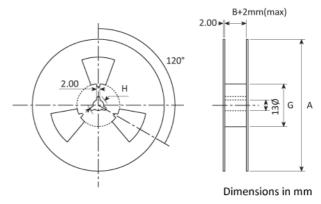
To request a quotation for the GTXO-560T please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at <a href="mailto:sales@golledge.com">sales@golledge.com</a>.

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.

#### **TAPE & REEL SPECIFICATION**





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

### **HANDLING & STORAGE**



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



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

### **CONSTRUCTION**

PCB base with metal lid

#### **COMPLIANCE**

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



RoHS compliant with no exemptions.



REACH compliant.



Au Ta Sn W Free of conflict minerals.



Free from halogens.



Free from ozone-depleting substances.