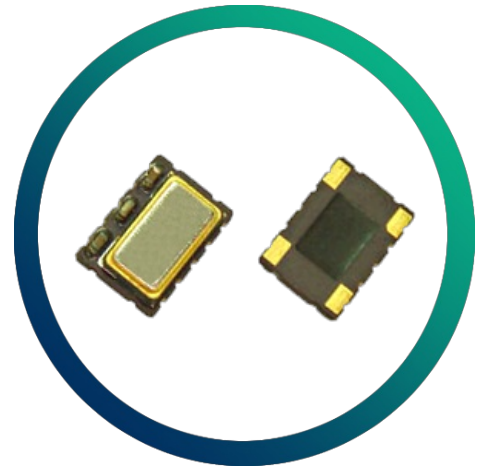


# GTXO-C73T

## Stratum 3 SM TCXO with CMOS output



- Stratum 3 TCXO
- Overall  $\pm 4.6$ ppm including 20 years aging
- Miniature 7050 package
- 3.3 & 5V with CMOS Output

### CONFIGURABLE OPTIONS

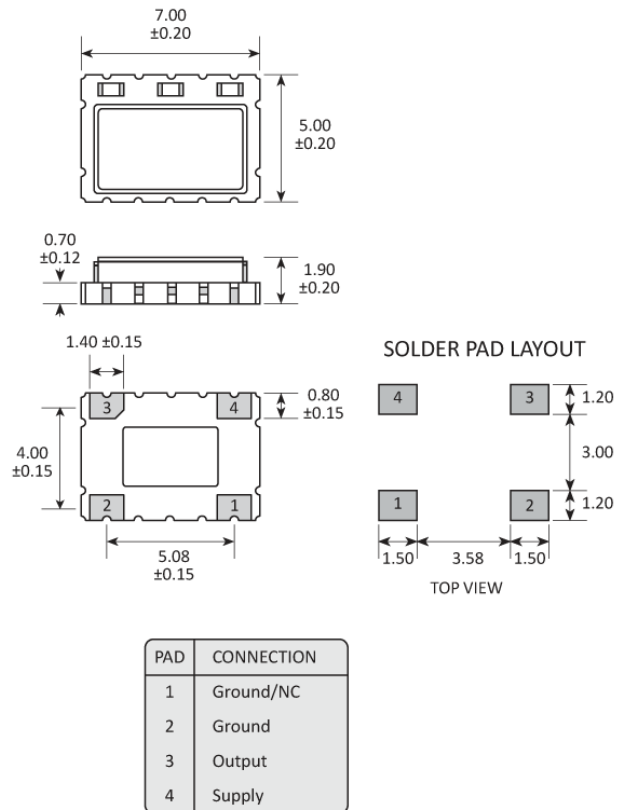
Parameter	Option Code
Frequency	
Temperature stability	
Any	
$\pm 0.14$ ppm (-20 to +70°C only)	C
$\pm 0.28$ ppm	D
Supply voltage ( $V_{DD}$ )	
Any	
+3.3V ( $\pm 5\%$ )	L
+5.0V ( $\pm 5\%$ )	P
Temperature range	
Any	
-20 to +70°C	
-40 to +85°C	I

**SPECIFICATIONS**

Frequency range	5.0 ~ 52.0MHz
Dimensions	7.0 x 5.0 x 2.1mm
Frequency stability over 20 years	±4.6ppm
*1 see note below	
Holdover stability	±0.32ppm max over 24hrs
*2 see note below	
Storage temperature range	-55 to +125 °C
Supply current	6.0mA typ
Driving Ability	15pF CMOS
Logic levels	'1' level = 90%V <sub>DD</sub> min '0' level = 10%V <sub>DD</sub> max
Output Duty	Minimum: 45% Maximum: 55%
Start up time	2.0ms max
Phase noise (typ @ 10.0MHz)	-130dBc/Hz @ 100Hz -145dBc/Hz @ 1kHz -154dBc/Hz @ 10kHz

**\*1 Stability is inclusive of frequency stability over temperature, voltage, load, 20 years ageing, shock & vibration**

**\*2 Holdover stability is inclusive of frequency stability over temperature, voltage (±5%) and ageing (24hrs)**

**PACKAGE DRAWING**


Dimensions in mm

## ORDERING INFORMATION

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To request a quotation for the GTXO-C73T 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](mailto: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.

## CONSTRUCTION

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Ceramic body with gold-plated pads Metal lid, seam sealed

## HANDLING & STORAGE

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



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

## COMPLIANCE

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



RoHS compliant with no exemptions.



REACH compliant.



Free of conflict minerals.



Free from halogens.



Free from ozone-depleting substances.