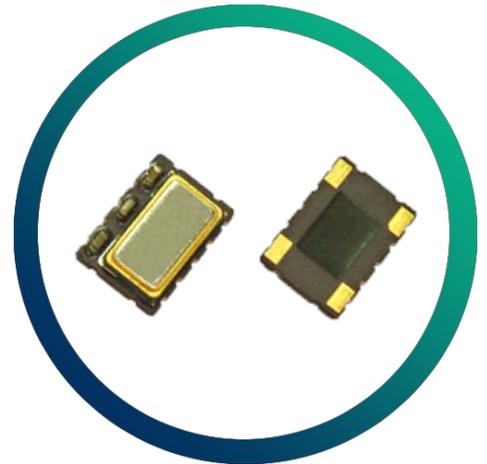


GTXO-C73V

Stratum 3 SM TCXO with CMOS output and voltage control



- Stratum 3 VCTCXO
- Overall $\pm 4.6\text{ppm}$ including 20 years aging
- Miniature 7050 package
- 3.3 & 5V with CMOS Output
- Voltage Control

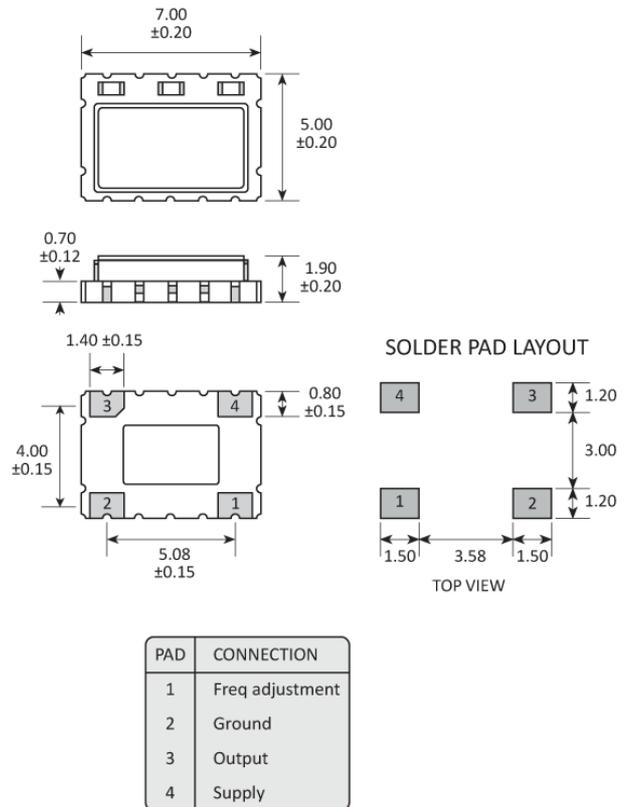
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Temperature stability	
Any	
$\pm 0.14\text{ppm}$ (-20 to +70°C only)	C
$\pm 0.28\text{ppm}$	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 _{DD} min '0' level = 10%V _{DD} max
Output Duty	Minimum: 45% Maximum: 55%
Control Voltage Range	0.5V ~ 2.5V
Pulling Range	±5.0ppm min
V _c Input Impedence	100kΩ
Start up time	2.0ms max
Phase noise (typ @ 10.0MHz)	-130dBc/Hz @ 100Hz -145dBc/Hz @ 1kHz -154dBc/Hz @ 10kHz

PACKAGE DRAWING



Dimensions in mm

***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)**

ORDERING INFORMATION

To request a quotation for the GTXO-C73V 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.

CONSTRUCTION

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

HANDLING & STORAGE



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



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

COMPLIANCE

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.