

# **MCOCXOV**

# 5V OCXO with Fast Warm Up and **CMOS Output**

- Compact 14-pin DIL package (SMD optional)
- 5.0V supply voltage
- CMOS output
- Very fast warmup
- Low power consumption

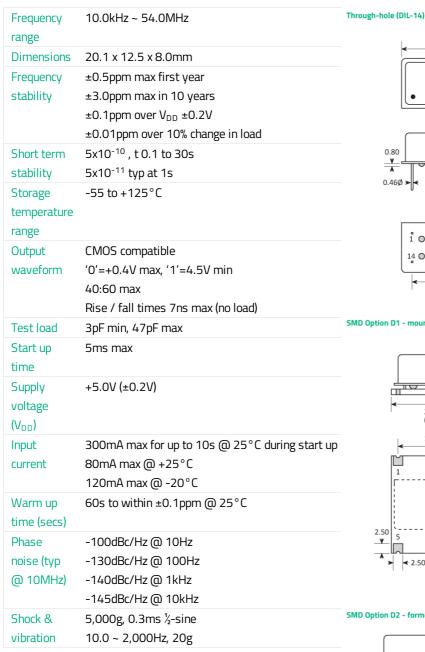


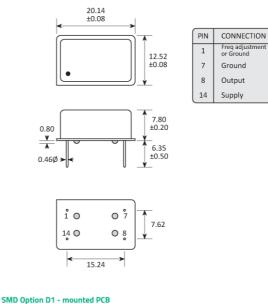
CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Temperature stability	
Any	
±0.2ppm max, 0 to +60°C	А
±0.075ppm max, 0 to +60°C	TA
±0.3ppm max, -20 to +70°C	В
±0.15ppm max, -20 to +70°C	TB
±0.5ppm max, -40 to +85°C	С
±0.25ppm max, -40 to +85°C	TC
±0.7ppm max, -55 to +85°C	E
±0.3ppm max, -55 to +85°C	TE
Frequency adjustment	
Any	
±3.0ppm min, control voltage 0.5~5.0V	V
±3.0ppm min, variable resistor $0\sim10k\Omega$	R
None (int accuracy ±1.0ppm)	А
None (int accuracy ±0.5ppm)	В
Package	
Through hole 14 pin DIL	
SMD option D1	D1
SMD option D2	D2



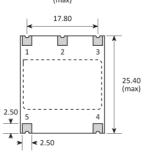
#### **SPECIFICATIONS**

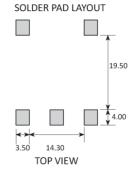
## **PACKAGE DRAWING**



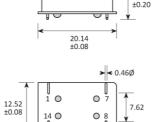


CONNECTION PAD Freq adjusts or Ground 10.50 (max) Not connected vlaquZ  $\bar{\Box}$ Output 22.00 Ground



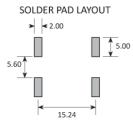


SMD Option D2 - formed leads



15.24

PIN	CONNECTION
1	Freq adjustment or Ground
7	Ground
8	Output
14	Supply



Dimensions in mm



#### **ORDERING INFORMATION**

To request a quotation for the MCOCXOV 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.

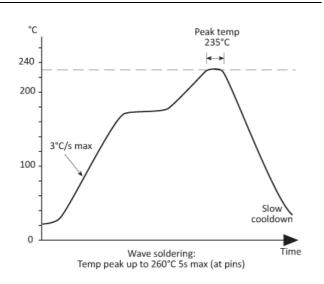
If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

#### **APPLICATIONS**

This MCOCXOV oven controlled oscillator is suitable for a wide range of applications including:

Digital switching
Telecom transmission
SONET / SDH / DWDM / FDM/36 / WIMAX
Airborne equipment
Battery operated systems
Instrumentation
Radio transceivers

#### **SOLDERING PROFILE**



#### **HANDLING & STORAGE**



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



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



## **CONSTRUCTION**

Resistance weld

#### **COMPLIANCE**



RoHS compliant with no exemptions.

See our

declaration



REACH compliant. <u>See our statement</u>



Aul Ta Sn W Free of conflict minerals. <u>See our declaration</u>



Free of Halogens. <u>See our declaration</u>



Free of Ozone-depleting substances. <u>See our</u>

declaration