

SCOCXOHV

5.0V High Frequency Fundamental **CMOS OCXO**

- Excellent phase noise performance @ 100MHz
- -160dBc noise floor @ 10.0MHz
- Fundamental mode frequencies up to 120MHz
- Compact 14-pin DIL package (SMD optional)
- High shock and vibration resistance



CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Temperature stability	
Any	
±0.05ppm max, 0 to +60°C	А
±0.025ppm max, 0 to +60°C	TA
±0.10ppm max, -20 to +70°C	В
±0.05ppm max, -20 to +70°C	ТВ
±0.15ppm max, -40 to +85°C	С
±0.10ppm max, -40 to +85°C	TC
Frequency adjustment	
(±2.5ppm min ≤ 40MHz, ±4.0ppm min > 40MHz)	
Any	
Control voltage 0.5V ~ 5.0V, pin 1	V
Variable resistor $0\sim10k\Omega$, pins 1 to 7	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

CONNECTION

PAD

PIN

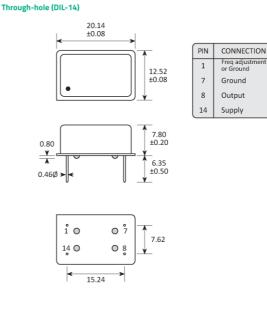
1



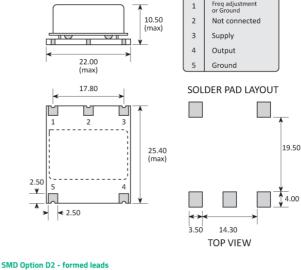
SPECIFICATIONS

PACKAGE DRAWING

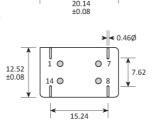




SMD Option D1 - mounted PCB



9.50 ±0.20



SOLDER PA	D LAYOUT
→ < 2.00	
5.60	5.00
15.	24

CONNECTION

Freq adjustr

Dimensions in mm



ORDERING INFORMATION

To request a quotation for the SCOCXOHV 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.

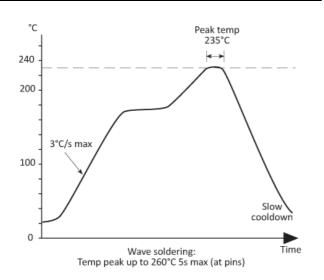
If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

APPLICATIONS

This SCOCXOHV 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