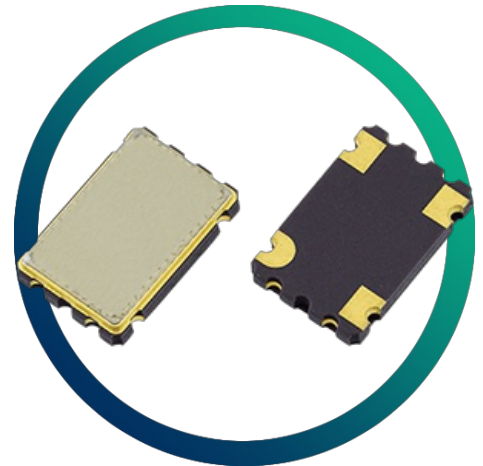


GXO-U108H

3.3V & 5V 7x5mm Oscillator

- Standard frequencies held in stock
- High drive capability - up to 50pF
- Enable / disable tristate function
- Power saving function (P & L variants)
- KF 5 changed in golledge-web-test



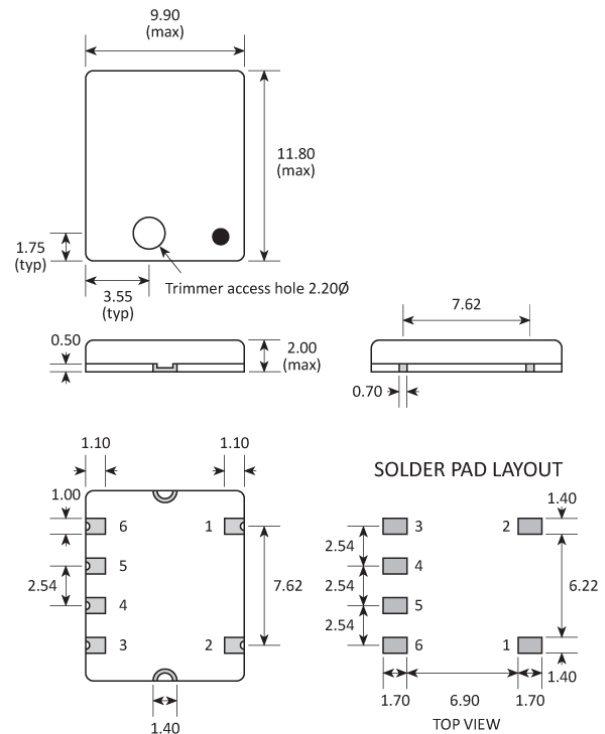
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Frequency stability*	
Any	
±100ppm	
±50ppm	B
±25ppm	A
±20ppm	D
Operating temperature range	
Any	
-10 to +70°C	
-40 to +85°C	I

SPECIFICATIONS

Frequency range	1.8 ~ 80.0MHz
Storage temperature range	-55 to +125 °C
Supply voltage (V _{DD})	+5.0V (±0.5V)
Supply current	<= 32.0MHz : 27mA max
Supply current (mA max)	>32.0 ~ 50.0MHz : 45mA max >50.0 ~ 67.0MHz : 75mA max >67.0 ~ 80.0MHz : 75mA max
Logic levels	'0' level = 10%V _{DD} max '1' level = 90%V _{DD} min
Start up time	5ms max (<32MHz)
Waveform symmetry	45:55 max
Driving ability	10 TTL 50pF HCMOS
Rise / fall time	7ns max (<80MHz)
Enable / disable function	Tristate (control via pad 1) 100ns / 100ns

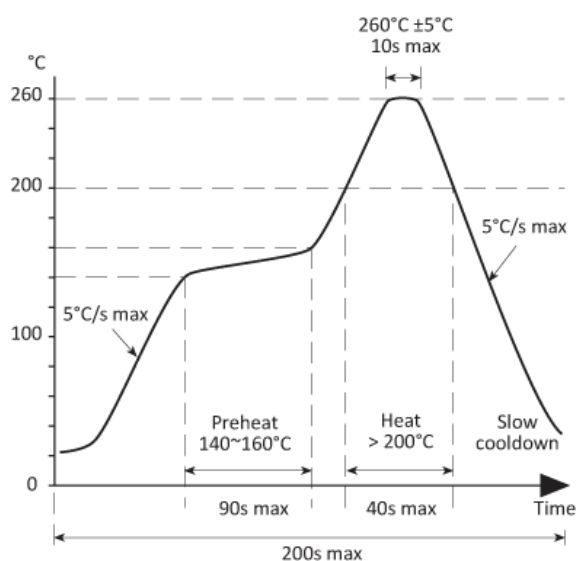
PACKAGE DRAWING



PAD	CONNECTION
1	Ground
2	Ground
3	Output
4	Ground
5	Freq adjustment
6	Supply

Dimensions in mm

SOLDERING PROFILE



TAPE & REEL SPECIFICATION



HANDLING & STORAGE



Product is RoHS 2 compliant



[REACH Compliance Statement](#)



text and link to Conflict Minerals pdf statement



Text and link to Halogen Free pdf statement



Text and link to Ozone depletion statement pdf



Text and link to Ozone depletion statement pdf



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



Moisture Sensitivity Level (MSL): 1



Nominal Net Mass:

COMPOSITION

MCDFamily GXO-U108.pdf

OTHER INFORMATION

About Golledge

We are the UK's leading supplier of frequency control products and are proud to serve the global electronics industry. Our philosophy is a focus firmly on your requirements by striving to meet and exceed your needs. We do this by ensuring the utmost quality and consistency in our products and services. If you have any queries about the Golledge service or any of our products please get in touch, we'd love to hear from you.

Come and visit

Eaglewood Park, ILMINSTER,
Somerset, TA19 9DQ, England

Give us a call

Tel: +44 1460 256 100
Fax: +44 1460 256 101

Email us

sales@golledge.com

Our Worldwide Distributors

Belgium & Luxembourg

Alcom Electronics NV/SA



Email info@alcom.be
Web www.alcom.be
Tel +32 (0)3 458.30.33

China, Hong Kong - 中国 / 香港

Meiya China



Email sales@meiyatech.com
Web www.meiyatech.com
Tel +86 755 2823 1923

France

Equipments Scientifique



Email comp@es-france.com
Web www.es-france.com
Tel +33 1 47 95 99 89

Germany

MEV Elektronik Service GmbH



Email info@mev-elektronik.com
Web www.mev-elektronik.com
Tel +49 54 24 23 40-0

India

V5 Semiconductors



Email sales@v5semiconductors.com
Web v5semiconductors.com
Tel +91-80-2661 0621

Israel

Phoenix Technologies Ltd



Email sales@phnx.co.il
Web www.phnx.co.il
Tel +972 9 764 4800

Netherlands

Alcom Electronics BV



Email info@alcom.nl
Web alcom.nl
Tel +31 (0)10 288.25.00

Norway

Link Nordic



Email bjorn.nyjordet@linknordic.com
Web linknordic.com
Tel +47 93 22 68 90

Russia - Россия

EFO Ltd



Email elena@efo.ru
Web www.golledge.ru
Tel +7(812)327-8654

Spain & Portugal

R.C. Microelectronica, S.A.



R.C. MICROELECTRÓNICA, S.A.

Email ventas@rcmicro.es
Web www.rcmicro.es
Tel +34 93 260 21 66

Our customer feedback is testament to our quality; "Never had such good service as this from anyone in 35 years of being in the industry, this is impressive and has really helped us out of a corner to keep the design flowing" Andy (Senior Design Engineer), "As always your support is state of the art" Nicoleta (Material Management), "Legendary work - as usual it has to be said" John (Operations).

To take advantage of our highly praised service get in touch with us today.