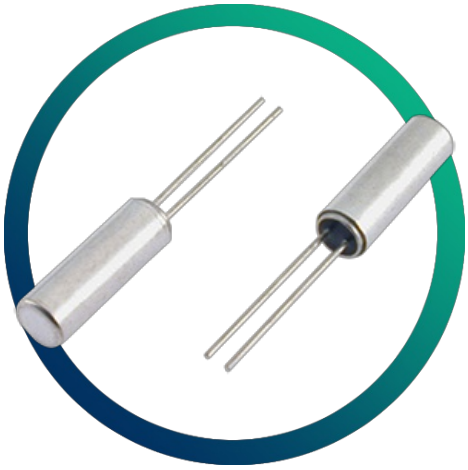
GCX-39

High Frequency Cylindrical Leaded Crystal



- Wide frequency range available
- Miniature size for high density applications

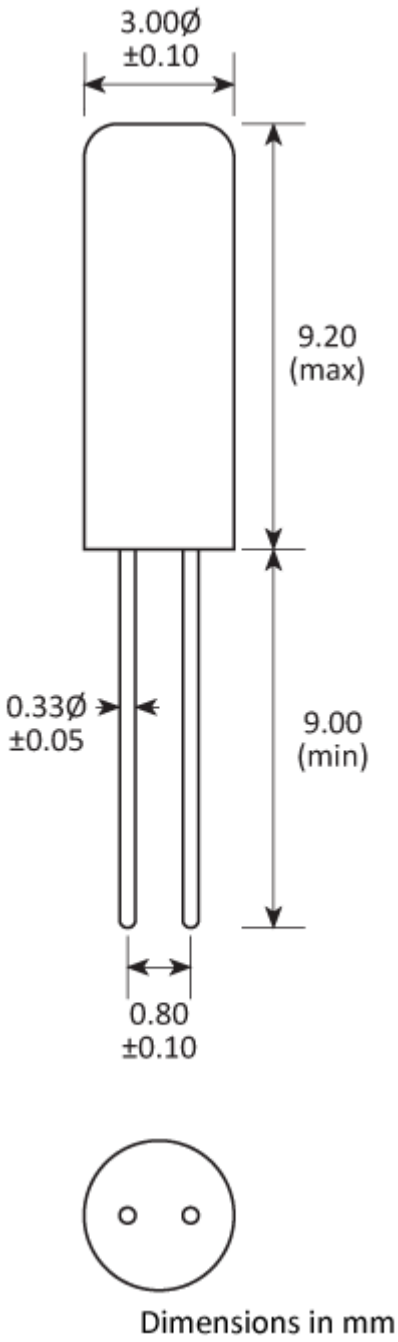
CONFIGURABLE OPTIONS

Parameter	Option Code
Frequency	
Calibration tolerance	
Any	
±30ppm	3
±50ppm	5
Temperature stability	
Any	
±30ppm	3
±50ppm	5
Operating temperature range	
-10 to +60°C	1
Circuit condition	
Any	
12pF	B
16pF	D
20pF	F
30pF	J
Series resonant	S
Oscillation mode	
Fundamental (<32.0MHz)	F
3rd overtone (30.0MHz+)	3

SPECIFICATIONS

Frequency range	4.0 ~ 100MHz
Dimensions	3.0 x 9.0mm
Storage temperature range	-40 to +85°C
Static capacitance (C_0)	7.0pF max
Equivalent series resistance	150Ω (4.0 ~ 5.9MHz) 100Ω (6.0 ~ 9.9MHz) 50Ω (10.0 ~ 32.0MHz) 100Ω (30.0 ~ 35.9MHz, 3rd OT) 80Ω (36.0 ~ 90.0MHz, 3rd OT)
Ageing	±5.0ppm max first year
Test drive level	50µW
Soldering conditions	235°C, 5 sec max
Net mass	44.7mg

PACKAGE DRAWING



Dimensions in mm

ORDERING INFORMATION

To request a quotation for the GCX-39 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.

HANDLING & STORAGE

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

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

CONSTRUCTION

Press seal

COMPLIANCE

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

Lead-free (< 0.1% by weight)

RoHS compliant with no exemptions.

REACH compliant.

Free of conflict minerals.

Free from halogens.

Free from ozone-depleting substances.