# HC49-3H

# **Low Profile Leaded Crystal**

- Industry standard HC49 footprint
- Fundamental mode available up to 50.0MHz
- Low profile for close board stacking

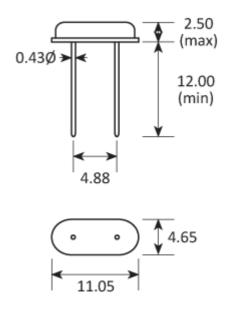


CONFIGURABLE OPTIONS	
Parameter	Option Code
Frequency	
Calibration tolerance	
Any	
±20ppm	2
±30ppm	3
±50ppm	5
Temperature stability	
Any	
±30ppm	3
±50ppm	5
±100ppm	С
Operating temperature range	
Any	
-10 to +60°C	1
-20 to +70°C	2
-30 to +80°C	3
-40 to +85°C	4
Circuit condition	
Any	
12pF	В
16pF	D
18pF	Е
20pF	F
30pF	J
Oscillation mode	
Any	
Fundamental	F
3rd overtone	3

# **SPECIFICATIONS**

Frequency range	3.579 ~ 90.0MHz
Dimensions	11.05 x 4.65 x 2.5mm
Equivalent series resistance	$150\Omega \text{ max (>3.5} \sim 4.0 \text{MHz)}$ $120\Omega \text{ max (>4.0} \sim 4.4 \text{MHz)}$ $100\Omega \text{ max (>4.4} \sim 7.0 \text{MHz)}$ $70\Omega \text{ max (>7.0} \sim 10.0 \text{MHz)}$ $50\Omega \text{ max (>10.0} \sim 50.0 \text{MHz, fund)}$ $100\Omega \text{ max (>25.0} \sim 90.0 \text{MHz, 3rd OT)}$
Static capacitance (C <sub>0</sub> )	7pF max
Ageing	±3ppm max first year
Test drive level	100μW

# PACKAGE DRAWING



Dimensions in mm

#### ORDERING INFORMATION

To request a quotation for the HC49-3H 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.

# **HANDLING & STORAGE**



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



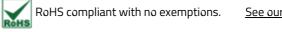
Moisture Sensitivity Level (MSL): 1 (or not applicable)

# CONSTRUCTION

Resistance weld

# **COMPLIANCE**





declaration

